Mitkem Corporation

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

Project Name : Old Troy Landfill -- 002699.ID09.03 **SDG :** F0981

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
SB02W	F0981-01	OLM4.2_VOA_W			ILM5.3_HG_W	
SB02W	F0981-01				ILM5.3_ICP_W	
TB04	F0981-02	OLM4.2_VOA_W				
SB06	F0981-03	OLM4.2_VOA_LOW_S	OLM4.2_SVOA_S	OLM4.2_PP_S	ILM5.3_HG_S	SEE DATA
SB06	F0981-03				ILM5.3_ICP_S	
SB12	F0981-04	OLM4.2_VOA_LOW_S	OLM4.2_SVOA_S	OLM4.2_PP_S	ILM5.3_HG_S	SEE DATA
SB12	F0981-04				ILM5.3_ICP_S	
SB12/D	F0981-05	OLM4.2_VOA_LOW_S	OLM4.2_SVOA_S	OLM4.2_PP_S	ILM5.3_HG_S	SEE DATA
SB12/D	F0981-05				ILM5.3_ICP_S	
SB12W	F0981-06	OLM4.2_VOA_W			ILM5.3_HG_W	
SB12W	F0981-06				ILM5.3_ICP_W	
MW-BR07	F0981-07	OLM4.2_VOA_LOW_S	OLM4.2_SVOA_S	OLM4.2_PP_S	ILM5.3_HG_S	SEE DATA
MW-BR07	F0981-07				ILM5.3_ICP_S	
MW-BR09A	F0981-08	OLM4.2_VOA_LOW_S	OLM4.2_SVOA_S	OLM4.2_PP_S	ILM5.3_HG_S	SEE DATA
MW-BR09A	F0981-08				ILM5.3_ICP_S	
MW-BR09B	F0981-09	OLM4.2_VOA_LOW_S	OLM4.2_SVOA_S	OLM4.2_PP_S	ILM5.3_HG_S	SEE DATA
MW-BR09B	F0981-09				ILM5.3_ICP_S	
MW-BR10	F0981-10	OLM4.2_VOA_LOW_S	OLM4.2_SVOA_S	OLM4.2_PP_S	ILM5.3_HG_S	SEE DATA
MW-BR10	F0981-10				ILM5.3_ICP_S	
MW-BR12	F0981-11	OLM4.2_VOA_LOW_S	OLM4.2_SVOA_S	OLM4.2_PP_S	ILM5.3_HG_S	SEE DATA
MW-BR12	F0981-11				ILM5.3_ICP_S	

Mitkem Corporation

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : Old Troy Landfill -- 002699.ID09.03 **SDG :** F0981

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
OLM4.2_VOA_LOW_S					
F0981-03C	SL	7/17/2007	7/18/2007	NA	7/20/2007
F0981-04C	SL	7/17/2007	7/18/2007	NA	7/20/2007
F0981-05C	SL	7/17/2007	7/18/2007	NA	7/20/2007
F0981-07C	SL	7/18/2007	7/19/2007	NA	7/20/2007
F0981-08C	SL	7/18/2007	7/20/2007	NA	7/24/2007
F0981-09C	SL	7/23/2007	7/24/2007	NA	7/24/2007
F0981-10C	SL	7/24/2007	7/25/2007	NA	8/3/2007
F0981-11C	SL	7/24/2007	7/25/2007	NA	8/3/2007
F0981-11CMS	SL	7/24/2007	7/25/2007	NA	8/3/2007
F0981-11CMSD	SL	7/24/2007	7/25/2007	NA	8/3/2007
OLM4.2_VOA_W					
F0981-01A	AQ	7/17/2007	7/18/2007	NA	7/22/2007
F0981-02A	AQ	7/17/2007	7/18/2007	NA	7/23/2007
F0981-06A	AQ	7/17/2007	7/18/2007	NA	7/23/2007

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New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSSEMI

Project Name : Old Troy Landfill -- 002699.ID09.03 **SDG :** F0981

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
OLM4.2_SVOA_S					
F0981-03A	SL	7/17/2007	7/18/2007	7/18/2007	8/10/2007
F0981-04A	SL	7/17/2007	7/18/2007	7/18/2007	8/10/2007
F0981-05A	SL	7/17/2007	7/18/2007	7/18/2007	8/10/2007
F0981-07A	SL	7/18/2007	7/19/2007	8/13/2007	8/11/2007
F0981-08A	SL	7/18/2007	7/20/2007	7/23/2007	8/10/2007
F0981-09A	SL	7/23/2007	7/24/2007	8/1/2007	8/10/2007
F0981-10A	SL	7/24/2007	7/25/2007	8/1/2007	8/10/2007
F0981-11A	SL	7/24/2007	7/25/2007	8/1/2007	8/10/2007
F0981-11AMS	SL	7/24/2007	7/25/2007	8/1/2007	8/10/2007
F0981-11AMSD	SL	7/24/2007	7/25/2007	8/1/2007	8/10/2007

Mitkem Corporation

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary GC*

Project Name : Old Troy Landfill -- 002699.ID09.03 **SDG :** F0981

Laboratory Sample ID	Matrix	Date Collected	Date Received By Lab	Date Extracted	Date Analyzed
OLM4.2_PP_S					
F0981-03A	SL	7/17/2007	7/18/2007	7/23/2007	8/3/2007
F0981-04A	SL	7/17/2007	7/18/2007	7/23/2007	8/3/2007
F0981-05A	SL	7/17/2007	7/18/2007	7/23/2007	8/3/2007
F0981-07A	SL	7/18/2007	7/19/2007	7/23/2007	8/4/2007
F0981-08A	SL	7/18/2007	7/20/2007	7/23/2007	8/4/2007
F0981-09A	SL	7/23/2007	7/24/2007	8/1/2007	8/3/2007
F0981-10A	SL	7/24/2007	7/25/2007	8/1/2007	8/3/2007
F0981-11A	SL	7/24/2007	7/25/2007	8/1/2007	8/3/2007
F0981-11AMS	SL	7/24/2007	7/25/2007	8/1/2007	8/3/2007
F0981-11AMSD	SL	7/24/2007	7/25/2007	8/1/2007	8/3/2007

Mitkem Corporation

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSVOA

Project Name : Old Troy Landfill -- 002699.ID09.03 **SDG :** F0981

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Low/Medium Level	Dil/Conc Factor
OLM4.2_VOA_LOW_S					
F0981-03C	SL	LM4.2_VOA_LOW_	NA	LOW	1
F0981-04C	SL	LM4.2_VOA_LOW_	NA	LOW	1
F0981-05C	SL	LM4.2_VOA_LOW_	NA	LOW	1
F0981-07C	SL	LM4.2_VOA_LOW_	NA	LOW	1
F0981-08C	SL	LM4.2_VOA_LOW_	NA	LOW	1
F0981-09C	SL	LM4.2_VOA_LOW_	NA	LOW	1
F0981-10C	SL	LM4.2_VOA_LOW_	NA	LOW	1
F0981-11C	SL	LM4.2_VOA_LOW_	NA	LOW	1
F0981-11CMS	SL	LM4.2_VOA_LOW_	NA	LOW	1
F0981-11CMSD	SL	LM4.2_VOA_LOW_	NA	LOW	1
OLM4.2_VOA_W					
F0981-01A	AQ	OLM4.2_VOA_W	NA	LOW	1
F0981-02A	AQ	OLM4.2_VOA_W	NA	LOW	1
F0981-06A	AQ	OLM4.2_VOA_W	NA	LOW	1

Mitkem Corporation

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary MSSEMI

Project Name : Old Troy Landfill -- 002699.ID09.03 **SDG :** F0981

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
OLM4.2_SVOA_S					
F0981-03A	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1
F0981-04A	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1
F0981-05A	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1
F0981-07A	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1
F0981-08A	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1
F0981-09A	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1
F0981-10A	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1
F0981-11A	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1
F0981-11AMS	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1
F0981-11AMSD	SL	OLM4.2_SVOA_S	OLM4.2_SVOA_S	GPC	1

Mitkem Corporation

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary GC*

Project Name : Old Troy Landfill -- 002699.ID09.03 **SDG :** F0981

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
OLM4.2_PP_S					
F0981-03A	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1
F0981-04A	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1
F0981-05A	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1
F0981-07A	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1
F0981-08A	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1
F0981-09A	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1
F0981-10A	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1
F0981-11A	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1
F0981-11AMS	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1
F0981-11AMSD	SL	OLM4.2_PP_S	OLM4.2_PP_S	GPC, Sulfur	1

Mitkem Corporation

New York State Department of Environmental Conservation
Sample Preparation and Analysis Summary ME

Project Name : Old Troy Landfill -- 002699.ID09.03 **SDG :** F0981

Laboratory Sample ID	Matrix	Metals Requested	Date Received By Lab	Date Analyzed
ILM5.3_HG_S				
F0981-03B	SL	ILM5.3_HG_S	7/18/2007	7/27/2007
F0981-04B	SL	ILM5.3_HG_S	7/18/2007	7/27/2007
F0981-05B	SL	ILM5.3_HG_S	7/18/2007	7/27/2007
F0981-07B	SL	ILM5.3_HG_S	7/19/2007	7/27/2007
F0981-08B	SL	ILM5.3_HG_S	7/20/2007	7/27/2007
F0981-09B	SL	ILM5.3_HG_S	7/24/2007	7/27/2007
F0981-10B	SL	ILM5.3_HG_S	7/25/2007	7/27/2007
F0981-11B	SL	ILM5.3_HG_S	7/25/2007	7/27/2007
F0981-11BDUP	SL	ILM5.3_HG_S	7/25/2007	7/27/2007
F0981-11BMS	SL	ILM5.3_HG_S	7/25/2007	7/27/2007
ILM5.3_HG_W				
F0981-01B	AQ	ILM5.3_HG_W	7/18/2007	7/27/2007
F0981-06B	AQ	ILM5.3_HG_W	7/18/2007	7/27/2007
ILM5.3_ICP_S				
F0981-03B	SL	ILM5.3_ICP_S	7/18/2007	8/8/2007
F0981-04B	SL	ILM5.3_ICP_S	7/18/2007	8/8/2007
F0981-05B	SL	ILM5.3_ICP_S	7/18/2007	8/8/2007
F0981-07B	SL	ILM5.3_ICP_S	7/19/2007	8/8/2007
F0981-08B	SL	ILM5.3_ICP_S	7/20/2007	8/8/2007
F0981-09B	SL	ILM5.3_ICP_S	7/24/2007	8/8/2007
F0981-10B	SL	ILM5.3_ICP_S	7/25/2007	8/8/2007
F0981-11B	SL	ILM5.3_ICP_S	7/25/2007	8/8/2007
F0981-11BDUP	SL	ILM5.3_ICP_S	7/25/2007	8/8/2007
F0981-11BMS	SL	ILM5.3_ICP_S	7/25/2007	8/8/2007
ILM5.3_ICP_W				
F0981-01B	AQ	ILM5.3_ICP_W	7/18/2007	8/13/2007
F0981-06B	AQ	ILM5.3_ICP_W	7/18/2007	8/13/2007

Analytical Data Package for Ecology & Environment, Inc.

Client Project No.: Old Troy Municipal Incinerator Site

Mitkem Work Order ID: F0981

August 16, 2007

Prepared For:

Ecology & Environment, Inc.
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, Inc's Old Troy Municipal Incinerator project. Under this deliverable, analyses results are presented for eight soil and three aqueous samples that were received between July 18, 2007 to July 25, 2007. Analyses were performed per discussion with client, specifications in the project's contract and the chain of custody form. Following the narrative is a table of sample identification for cross-referencing full client sample ID, shortened client sample ID and laboratory sample ID, along with the Mitkem Work Order.

The analyses were performed and reported per NYSDEC ASP (2000 update) requirement for Category B deliverable.

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.
- M6 software did not integrate peak
- M7 partial peak integration

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 instruments V5: 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.

Aqueous samples were not acid preserved, pH ~7.

Surrogate recovery: recoveries were within the QC limits with the exception of toluene-d8 and bromofluorobenzene in SB02W, SB02WRE, SB06, SB12, MW-BR07, SB12RE, MW-BR07RE, MW-BR12, MW-BR12MS and MW-BR12MSD. Recovery of toluene-d8 was outside the QC limits in SB06RE.

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

Matrix spike/ matrix spike duplicate: duplicate analyses were performed on soil sample MW-BR12. Spike recoveries were within the QC limits with the exception of toluene in both MW-BR12MS and MW-BR12MSD. Replicate RPDs recoveries were within the QC limits.

Sample analysis: internal standard area counts were outside the QC limits in SB12 and its re-analysis SB12RE, MW-BR07 and its re-analysis MW-BR07RE, MW-BR12, MW-BR12MS, MW-BR12MSD. Percent recoveries of the internal standard area counts were outside the QC limits in SB06 and SB02W but their re-analyses were within the QC limits. No other 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.

Alkanes were determined as part of tentatively identified compounds. The alkanes are reported on the Alkane Narrative Report following the SDG narrative.

Surrogate recovery: recoveries were within the QC limits with the exception of 2-fluorophenol and 2,4,6-tribromophenol in MW-BR07.

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

Matrix spike/ matrix spike duplicate: a duplicate analysis was performed on soil sample MW-BR12. Spike and replicate RPDS recoveries were within the QC limits.

Sample analysis: due to more than one acid surrogates were outside the QC limits, sample MW-BR07 RE was re-extracted out of the holding time. Re-analysis was performed and reported. No other unusual observation was made for the analysis.

4. Pesticide and PCBs 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 with the exception of decachlorobiphenyl in one of the columns for sample MW-BR07.

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

Matrix spike/ matrix spike duplicate: duplicate analysis was performed on soil sample MW-BR12. Spike and replicate RPDs recoveries were within the QC limits.

Sample analysis: due to high concentration of target analytes, sample MW-BR07DL was re-analysis at 5X dilution. No other unusual observation was made for the analysis.

5. Metals Analysis:

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

Matrix spike: matrix spike analyses were performed on soil sample MW-BR12. Spike recoveries were within the QC limits with the exception of antimony, lead and silver. Results for these elements are flagged with an "N" on the data report forms. A Post digest spike was performed and reported.

Duplicate: duplicate analyses were performed soil sample MW-BR12. Replicate RPDs were within the QC limits with the exception of arsenic, calcium and magnesium. Results for these elements are flagged with an "*" on the data report forms.

Sample analysis: serial dilutions were performed on aqueous sample SB12W and soil sample MW-BR12. Percent differences were within the QC limits with the exception of cobalt, copper, iron, manganese, nickel, potassium and zinc in soil sample MW-BR12, and barium, beryllium, cadmium, chromium, cobalt, copper, lead, magnesium, nickel, sodium, thallium, vanadium and zinc in aqueous sample SB12W. Results for these elements are qualified with an "E" on the data report forms. No unusual observations were made during sample analysis.

6. Cyanide Analysis:

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

Matrix spike: matrix spike was performed on soil sample MW-BR12. Spike recovery was within the QC limits.

Duplicate: duplicate analysis was performed on soil sample MW-BR12. Replicate RPD was within the QC limits.

Sample analysis: no unusual observations were made during sample analysis.

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.

Shirley Ng
Project Manager
08/16/07

ALKANE NARRATIVE REPORT
Report date : 08/16/2007
SDG: MF0981

Client Sample ID: MW-BR09A Lab Sample ID: F0981-09A File ID: S3E5195

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.50	110	J
Straight-chain Alkane	17.32	82	J

Client Sample ID: MW-BR10 Lab Sample ID: F0981-10A File ID: S3E5200

Compound	RT	Est. Conc.	Q
Cyclic Alkane	10.87	390	J
Cyclic Alkane	12.50	130	J

Client Sample ID: MW-BR12 Lab Sample ID: F0981-11A File ID: S3E5201

Compound	RT	Est. Conc.	Q
Cyclic Alkane	10.87	370	J
Cyclic Alkane	12.50	120	J
Straight-chain Alkane	17.32	80	J

Client Sample ID: SB06 Lab Sample ID: F0981-03A File ID: S3E5205

Compound	RT	Est. Conc.	Q
Cyclic Alkane	10.87	220	J

Client Sample ID: MW-BR09B Lab Sample ID: F0981-08A File ID: S3E5206

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.50	97	J

Client Sample ID: SB12 Lab Sample ID: F0981-04A File ID: S3E5208

Compound	RT	Est. Conc.	Q
Cyclic Alkane	12.50	260	J

Client Sample ID: MW-BR07RE Lab Sample ID: F0981-07ARE File ID: S3E532

Compound	RT	Est. Conc.	Q
Cyclic Alkane	10.49	450	J
Cyclic Alkane	12.15	220	J
Branched Alkane	18.56	180	J

*Mitkem and Client Sample ID Summary Report**

Mitkem Workorder: F0981

Client Name: Ecology and Environm

Mitkem Sample ID	*Reported Client Sample ID*	*Full Client Sample ID*
F0981-01A	SB02W	OTMI-SB02W
F0981-01B	SB02W	OTMI-SB02W
F0981-02A	TB04	OTMI-TB04
F0981-03A	SB06	OTMI-SB06
F0981-03B	SB06	OTMI-SB06
F0981-03C	SB06	OTMI-SB06
F0981-03D	SB06	OTMI-SB06
F0981-04A	SB12	OTMI-SB12
F0981-04B	SB12	OTMI-SB12
F0981-04C	SB12	OTMI-SB12
F0981-04D	SB12	OTMI-SB12
F0981-05A	SB12/D	OTMI-SB12/D
F0981-05B	SB12/D	OTMI-SB12/D
F0981-05C	SB12/D	OTMI-SB12/D
F0981-05D	SB12/D	OTMI-SB12/D
F0981-06A	SB12W	OTMI-SB12W
F0981-06B	SB12W	OTMI-SB12W
F0981-07A	MW-BR07	OTMI-MW-BR07
F0981-07B	MW-BR07	OTMI-MW-BR07
F0981-07C	MW-BR07	OTMI-MW-BR07
F0981-07D	MW-BR07	OTMI-MW-BR07
F0981-08A	MW-BR09A	OTMI-MW-BR09A
F0981-08B	MW-BR09A	OTMI-MW-BR09A
F0981-08C	MW-BR09A	OTMI-MW-BR09A
F0981-08D	MW-BR09A	OTMI-MW-BR09A
F0981-09A	MW-BR09B	OTMI-MW-BR09B
F0981-09B	MW-BR09B	OTMI-MW-BR09B
F0981-09C	MW-BR09B	OTMI-MW-BR09B
F0981-09D	MW-BR09B	OTMI-MW-BR09B
F0981-10A	MW-BR10	OTMI-MW-BR10
F0981-10B	MW-BR10	OTMI-MW-BR10
F0981-10C	MW-BR10	OTMI-MW-BR10
F0981-10D	MW-BR10	OTMI-MW-BR10
F0981-11A	MW-BR12	OTMI-MW-BR12
F0981-11B	MW-BR12	OTMI-MW-BR12
F0981-11C	MW-BR12	OTMI-MW-BR12
F0981-11D	MW-BR12	OTMI-MW-BR12

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

0007

Mitkem Corporation

10/Aug/07 12:58

WorkOrder: F0981

Client ID: ENE
Project: Old Troy Landfill
Location: 002699.ID09.03
Comments: EZ-EDD

Case:
SDG:
PO: 002699.ID09.03

Report Level: ASP-B
EDD: EQUIS_GZA
HC Due: 08/17/07
Fax Due:

Sample ID	HS	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F0981-01A		SB02W	07/17/2007 9:40	07/18/2007	Aqueous	OLM4.2_VOA_W	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-01B		SB02W	07/17/2007 9:40	07/18/2007	Aqueous	ILM5.3_HG_W	ILM5.3	☐	☐	☐	M2
						ILM5.3_ICP_W	ILM5.3	☐	☐	☑	M2
F0981-02A		TB04	07/17/2007 0:00	07/18/2007	Aqueous	OLM4.2_VOA_W	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-03A		SB06	07/17/2007 13:30	07/18/2007	Soil	OLM4.2_PH	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_PP_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_SVOA_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						PMoist		☐	☐	☐	B1
F0981-03B		SB06	07/17/2007 13:30	07/18/2007	Soil	ILM5.3_CN_S		☐	☐	☐	B1
						ILM5.3_HG_S	ILM5.3	☐	☐	☐	B1
						ILM5.3_ICP_S	ILM5.3	☐	☐	☑	B1
F0981-03C		SB06	07/17/2007 13:30	07/18/2007	Soil	OLM4.2_VOA_LOW_S	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-03D	H	SB06	07/17/2007 13:30	07/18/2007	Soil	OLM4.2_VOA_MED_S	OLM, NYS--ADD LCS	☑	☐	☐	VOA

Client Rep: Shirley S Ng

0980

Client ID: ENE
Project: Old Troy Landfill
Location: 002699.ID09.03
Comments: EZ-EDD

Case:
SDG:
PO: 002699.ID09.03

Report Level: ASP-B
EDD: EQUIIS_GZA
HC Due: 08/17/07
Fax Due:

Sample ID	HS	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F0981-04A		SB12	07/17/2007 16:00	07/18/2007	Soil	OLM4.2_PH	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_PP_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_SVOA_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						PMoist		☐	☐	☐	B1
F0981-04B		SB12	07/17/2007 16:00	07/18/2007	Soil	ILM5.3_CN_S		☐	☐	☐	B1
						ILM5.3_HG_S	ILM5.3	☐	☐	☐	B1
						ILM5.3_ICP_S	ILM5.3	☐	☐	☑	B1
F0981-04C		SB12	07/17/2007 16:00	07/18/2007	Soil	OLM4.2_VOA_LOW_S	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-04D	H	SB12	07/17/2007 16:00	07/18/2007	Soil	OLM4.2_VOA_MED_S	OLM, NYS--ADD LCS	☑	☐	☐	VOA
F0981-05A		SB12/D	07/17/2007 16:00	07/18/2007	Soil	OLM4.2_PH	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_PP_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_SVOA_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						PMoist		☐	☐	☐	B1

Client Rep: Shirley S Ng

Client ID: ENE
Project: Old Troy Landfill
Location: 002699.ID09.03
Comments: EZ-EDD

Case:
SDG:
PO: 002699.ID09.03

Report Level: ASP-B
EDD: EQUIIS_GZA
HC Due: 08/17/07
Fax Due:

Sample ID	HS	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F0981-05B		SB12/D	07/17/2007 16:00	07/18/2007	Soil	ILM5.3_CN_S		☐	☐	☐	B1
						ILM5.3_HG_S	ILM5.3	☐	☐	☐	B1
						ILM5.3_ICP_S	ILM5.3	☐	☐	☑	B1
F0981-05C		SB12/D	07/17/2007 16:00	07/18/2007	Soil	OLM4.2_VOA_LOW_S	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-05D	H	SB12/D	07/17/2007 16:00	07/18/2007	Soil	OLM4.2_VOA_MED_S	OLM, NYS--ADD LCS	☑	☐	☐	VOA
F0981-06A		SB12W	07/17/2007 15:35	07/18/2007	Aqueous	OLM4.2_VOA_W	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-06B		SB12W	07/17/2007 15:35	07/18/2007	Aqueous	ILM5.3_HG_W	ILM5.3	☐	☐	☐	M2
						ILM5.3_ICP_W	ILM5.3	☐	☐	☑	M2
F0981-07A		MW-BR07	07/18/2007 12:31	07/19/2007	Soil	OLM4.2_PH	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_PP_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_SVOA_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						PMoist		☐	☐	☐	B1
F0981-07B		MW-BR07	07/18/2007 12:31	07/19/2007	Soil	ILM5.3_CN_S		☐	☐	☐	B1

Client Rep: Shirley S Ng

Client ID: ENE
Project: Old Troy Landfill
Location: 002699.ID09.03
Comments: EZ-EDD

Case:
SDG:
PO: 002699.ID09.03

Report Level: ASP-B
EDD: EQUIIS_GZA
HC Due: 08/17/07
Fax Due:

Sample ID	HS	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F0981-07B		MW-BR07	07/18/2007 12:31	07/19/2007	Soil	ILM5.3_HG_S	ILM5.3	☐	☐	☐	B1
						ILM5.3_ICP_S	ILM5.3	☐	☐	☑	B1
F0981-07C		MW-BR07	07/18/2007 12:31	07/19/2007	Soil	OLM4.2_VOA_LOW_S	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-07D	H	MW-BR07	07/18/2007 12:31	07/19/2007	Soil	OLM4.2_VOA_MED_S	OLM, NYS--ADD LCS	☑	☐	☐	VOA
F0981-08A		MW-BR09A	07/18/2007 10:09	07/20/2007	Soil	OLM4.2_PH	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_PP_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_SVOA_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						PMoist		☐	☐	☐	B1
F0981-08B		MW-BR09A	07/18/2007 10:09	07/20/2007	Soil	ILM5.3_CN_S		☐	☐	☐	B1
						ILM5.3_HG_S	ILM5.3	☐	☐	☐	B1
						ILM5.3_ICP_S	ILM5.3	☐	☐	☑	B1
F0981-08C		MW-BR09A	07/18/2007 10:09	07/20/2007	Soil	OLM4.2_VOA_LOW_S	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-08D	H	MW-BR09A	07/18/2007 10:09	07/20/2007	Soil	OLM4.2_VOA_MED_S	OLM, NYS--ADD LCS	☑	☐	☐	VOA

Client Rep: Shirley S Ng

Client ID: ENE
Project: Old Troy Landfill
Location: 002699.ID09.03
Comments: EZ-EDD

Case:
SDG:
PO: 002699.ID09.03

Report Level: ASP-B
EDD: EQUIIS_GZA
HC Due: 08/17/07
Fax Due:

Sample ID	HS	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F0981-09A		MW-BR09B	07/23/2007 11:55	07/24/2007	Soil	OLM4.2_PH	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_PP_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_SVOA_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						PMoist		☐	☐	☐	B1
F0981-09B		MW-BR09B	07/23/2007 11:55	07/24/2007	Soil	ILM5.3_CN_S		☐	☐	☐	B1
						ILM5.3_HG_S	ILM5.3	☐	☐	☐	B1
						ILM5.3_ICP_S	ILM5.3	☐	☐	☑	B1
F0981-09C		MW-BR09B	07/23/2007 11:55	07/24/2007	Soil	OLM4.2_VOA_LOW_S	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-09D	H	MW-BR09B	07/23/2007 11:55	07/24/2007	Soil	OLM4.2_VOA_MED_S	OLM, NYS--ADD LCS	☑	☐	☐	VOA
F0981-10A		MW-BR10	07/24/2007 5:45	07/25/2007	Soil	OLM4.2_PH	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_PP_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						OLM4.2_SVOA_S	OLM, NYS--ADD LCS	☐	☐	☐	B1
						PMoist		☐	☐	☐	B1

Client Rep: Shirley S Ng

Client ID: ENE
Project: Old Troy Landfill
Location: 002699.ID09.03
Comments: EZ-EDD

Case:
SDG:
PO: 002699.ID09.03

Report Level: ASP-B
EDD: EQUIIS_GZA
HC Due: 08/17/07
Fax Due:

Sample ID	HS	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F0981-10B		MW-BR10	07/24/2007 5:45	07/25/2007	Soil	ILM5.3_CN_S		☐	☐	☐	B1
						ILM5.3_HG_S	ILM5.3	☐	☐	☐	B1
						ILM5.3_ICP_S	ILM5.3	☐	☐	☑	B1
F0981-10C		MW-BR10	07/24/2007 5:45	07/25/2007	Soil	OLM4.2_VOA_LOW_S	OLM, NYS--ADD LCS	☐	☐	☐	VOA
F0981-10D	H	MW-BR10	07/24/2007 5:45	07/25/2007	Soil	OLM4.2_VOA_MED_S	OLM, NYS--ADD LCS	☑	☐	☐	VOA
F0981-11A		MW-BR12	07/24/2007 14:15	07/25/2007	Soil	OLM4.2_PH	OLM, NYS--ADD LCS	☐	☑	☐	B1
						OLM4.2_PP_S	OLM, NYS--ADD LCS	☐	☑	☐	B1
						OLM4.2_SVOA_S	OLM, NYS--ADD LCS	☐	☑	☐	B1
						PMoist		☐	☐	☐	B1
F0981-11B		MW-BR12	07/24/2007 14:15	07/25/2007	Soil	ILM5.3_CN_S		☐	☑	☐	B1
						ILM5.3_HG_S	ILM5.3	☐	☑	☐	B1
						ILM5.3_ICP_S	ILM5.3	☐	☑	☑	B1
F0981-11C		MW-BR12	07/24/2007 14:15	07/25/2007	Soil	OLM4.2_VOA_LOW_S	OLM, NYS--ADD LCS	☐	☑	☐	VOA

Client Rep: Shirley S Ng

Client ID: ENE
Project: Old Troy Landfill
Location: 002699.ID09.03
Comments: EZ-EDD

Case:
SDG:
PO: 002699.ID09.03

Report Level: ASP-B
EDD: EQUIIS_GZA
HC Due: 08/17/07
Fax Due:

Sample ID	HS	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Lab Test Comments	Hold	MS	SEL	Storage
F0981-11D	H	MW-BR12	07/24/2007 14:15	07/25/2007	Soil	OLM4.2_VOA_MED_S	OLM, NYS--ADD LCS	☑	☑	☐	VOA

Client Rep: Shirley S Ng

Sample Transmittal Documentation

F-CUSTODY RECORD

Page 1 of ____

INVOICE TO	PHONE	LAB PROJECT #:
SAME		F0981
	FAX	
		TURNAROUND TIME:

REQUESTED ANALYSES

TAL METALS TAL CYANIDE	SVOCs PCBs PESTICIDES	TAL VOCs	TAL METALS TAL MERCURY	COMMENTS
		2	1	Check pH for 8260
		2		Trip blank
1	1			
1	1			
1	1			Dupe
		2	1	

DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
7-18-07 9:00		4°C
/		
/		

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 #: F0981
NAME SARAH CRAIG	FAX		NAME	FAX	
ADDRESS 3668 PLEASANT VIEW DR			ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP LANCASTER, NY 14086			CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
Old Troy	00B199. IDO9.03	

REQUESTED ANALYSES

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	TAL VOCs	TAL METALS + TAL CYANIDE	SVOC, PCB, PESTICIDE	COMMENTS
OTMI-MW-BR07	7/18/07 1231		X		X		07	5	3	1	1	
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	SGC	7/18/07 1802	CM	7-19-07 9:00		4C
		/		/		
		/		/		

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

vard
86-1755
732-3499
com

CHAIN-OF-CUSTODY RECORD

Page 1 of ____

	PHONE 916-684-8060	INVOICE TO COMPANY SAME	PHONE	LAB PROJECT #: F0981
	FAX	NAME	FAX	
		ADDRESS		TURNAROUND TIME:
		CITY/ST/ZIP		

ECT #: | CLIENT P.O.#:

WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	REQUESTED ANALYSES: TAL VOC's	SVOC, PCB, PESTICIDES	TAL METALS + TAL CYANIDE	COMMENTS
	X		50	5	3	1	1	

ME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
1507	AW	7/20/09 9:15		4°C
		/		
		/		

ORATORY 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 #:
NAME SARAH CRAIG	FAX		NAME	FAX	
ADDRESS 366 PLEASANT VIEW DR			ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP LANCASTER NY 14086			CITY/ST/ZIP		

CLIENT PROJECT NAME:	CLIENT PROJECT #:	CLIENT P.O.#:
OLD TROY		

REQUESTED ANALYSES

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	TAL VOC's	SVOC TCL PESTICIDES	TAL METALS CYANIDE	COMMENTS
~~OTNI-MW BR09 7/23/07~~	/											
OTNI-MW BR09	7/23/07 1155		X		X		09	5	3	1	1	
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
		7/23/07 1530		7-24-07 850		4°C
		/		/		
		/		/		

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 #: F0981
NAME SARAH CRAIG	FAX 716-684-0844	NAME	FAX	
ADDRESS 3608 PLEASANT VIEW DR		ADDRESS		TURNAROUND TIME:
CITY/ST/ZIP LANCASTER NY 14086		CITY/ST/ZIP		

CLIENT PROJECT NAME: OLD TROY | CLIENT PROJECT #: | CLIENT P.O.#:

REQUESTED ANALYSES: VOC's | SVOC's PCBs PESTICIDES | TAL METALS CYANIDE

SAMPLE IDENTIFICATION	DATE/TIME SAMPLED	COMPOSITE	GRAB	WATER	SOIL	OTHER	LAB ID	# OF CONTAINERS	VOC's	SVOC's PCBs PESTICIDES	TAL METALS CYANIDE	COMMENTS
GTMI-MW-BR1D	7/24/07 0645		X		X		10	5	3	1	1	
GTMI-MW-BR1Z	7/24/07 1415		X		X		11	15	9	3	3	MS/MSD
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											
	/											

TSF#	RELINQUISHED BY	DATE/TIME	ACCEPTED BY	DATE/TIME	ADDITIONAL REMARKS:	COOLER TEMP:
	SGC	7/24/07 1900	CW	7/25/07 9:00		5°C
		/		/		
		/		/		

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

MITKEM CORPORATION

Sample Condition Form

Page 1 of 1

Received By:	Reviewed By:	Date: 7-18-07	MITKEM Workorder #: F0981
Client Project: Old Troy		Client: ENE	

Lab Sample ID		Preservation (pH) HNO_3	H_2SO_4	HCl	NaOH	VOA Matrix	Soil Headspace or Air Bubbles ≥ 1/4"
F0981	01	<2				UA	
	02					UA	
	03						
	04						
	05						
F0981	10	<2				UA	

1) Cooler Sealed: (Yes) / No

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

3) Custody Seal Number(s): NIA

4) Chain-of-Custody: (Present) / Absent

5) Cooler Temperature: 4.0°C
Coolant Condition:

6) Airbill(s): (Present) / Absent
Airbill Number(s): FEDEX 8016
4719 1475

7) Sample Bottles: (Intact)/Broken/Leaking

8) Date Received: 7-18-07

9) Time Received: 9:00

Preservative Name/Lot No:

7-18-07

VOA Matrix Key:

US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

See Sample Condition Notification/Corrective Action Form yes / no

Rad OK yes/ no

0021

MITKEM CORPORATION
Sample Condition Form

Page 1 of 1

Received By: CW | Reviewed By: CW | Date: 7.19.07 | MITKEM Workorder #: F0798 1

Client Project: OH TRC 4 | Client: ENE

1) Cooler Sealed — Yes / No

2) Custody Seal(s) — Present / Absent; Coolers / Bottles; Intact / Broken

3) Custody Seal Number(s) N/A

4) Chain-of-Custody — Present / Absent

5) Cooler Temperature 4°C

Coolant Condition

6) Airbill(s) — Present / Absent

Airbill Number(s) 8601 4719 6486

7) Sample Bottles — Intact/Broken/Leaking

8) Date Received 7.19.07

9) Time Received 9:00

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"
F0798	07					M,F	

7.19.07 CW

VOA Matrix Key:

US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

See Sample Condition Notification/Corrective Action Form yes / no

Rad OK yes/ no

MITKEM CORPORATION

Sample Condition Form

Page 1 of 1

Received By: CW	Reviewed By:	Date: 7.20.07	MITKEM Workorder #: F0981
Client Project: Ad Tray		Client: ENE	

1) Cooler Sealed (Yes) / No

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

3) Custody Seal Number(s) N/A

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

5) Cooler Temperature 4°C
Coolant Condition

6) Airbill(s) (Present) / Absent
Airbill Number(s) FEDEX 8609 4719 6497

7) Sample Bottles (Intact)/Broken/Leaking

8) Date Received 7.20.07

9) Time Received 9:15

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"
F0981	08					M, F	

7.20.07 CW

VOA Matrix Key:

US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

See Sample Condition Notification/Corrective Action Form yes / no

Rad OK yes/ no

MITKEM CORPORATION

Sample Condition Form

Page 1 of 1

Received By: CW	Reviewed By: CW	Date: 7.24.07	MITKEM Workorder #: F0981
Client Project: Old Troy		Client: ENE	

1) Cooler Sealed — Yes / No

2) Custody Seal(s) — Present / Absent; Coolers / Bottles; Intact / Broken

3) Custody Seal Number(s) N/A

4) Chain-of-Custody — Present / Absent

5) Cooler Temperature 4°C

Coolant Condition

6) Airbill(s) — Present / Absent

Airbill Number(s) FEDEX 8121 4719 6501

7) Sample Bottles — Intact / Broken / Leaking

8) Date Received 7.24.07

9) 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"
F0981	09					M,F	

MITKEM CORPORATION

Sample Condition Form

Page 1 of 1

Received By: CW | Reviewed By: KP | Date: 7-25-07 | MITKEM Workorder #: F0981

Client Project: Old Troy | Client: ENE

1) Cooler Sealed — Yes / No

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

3) Custody Seal Number(s) N/A

4) Chain-of-Custody — Present / Absent

5) Cooler Temperature 5°C
Coolant Condition

6) Airbill(s) — Present / Absent
Airbill Number(s) FEDEX 8601 4719 6512

7) Sample Bottles — Intact/Broken/Leaking

8) Date Received 7-25-07

9) Time Received 9:00

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"
F0981	10					M,F	
F0981	11					M,F	

7-25-07 CW

VOA Matrix Key:

US = Unpreserved Soil	**A** = Air
UA = Unpreserved Aqu.	**H** = HCl
M= MeOH	**E** = Encore
N = $NaHSO_4$	**F** = Freeze

See Sample Condition Notification/Corrective Action Form yes / no

Rad OK yes/ no

Sample Condition Notification

Mitkem Project#: F09981 **Date of Receipt:** 7/18/07
Client: ENE **Received By:** MW
Client project #/name: Old Troy

Unusual Occurance Description:

one 40mL vial for sample OTMI-SB12W received broken we still have one 40mL vial and one HNO_3 preserved 250mL bottle for this sample

Client Contacted:

Contacted via: Phone/Fax/E-mail
Date: _____ **Time:** _____
Contacted By: _____
Name of person contacted: _____

Client Response:

Responded via: Phone/Fax/E-mail
Date: _____
Name of person responding: _____
Responding to: _____

see e-mail

Mitkem Action Taken:

MITKEM CORPORATION

* Volatiles *

2A
WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLK5B	99	89	103		0
02	SB02W	153*	44*	107		2
03	VBLK5C	101	97	102		0
04	SB12W	104	90	98		0
05	SB02WRE	114*	75*	103		2
06	TB04	103	92	105		0
07	V5CLCS	100	88	105		0
08	VBLKF5	96	92	94		0
09	VHBLKF5	99	93	92		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

0027

2B
SOIL VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Level: (low/med) LOW

	EPA SAMPLE NO.	SMC1 (TOL) #	SMC2 (BFB) #	SMC3 (DCE) #	OTHER	TOT OUT
01	VBLKY5	114	100	105		0
02	SB06	161*	55*	97		2
03	SB12	171*	44*	102		2
04	MW-BR07	195*	39*	103		2
05	VBLK5A	115	106	97		0
06	SB06RE	142*	71	89		1
07	SB12RE	160*	57*	93		2
08	SB12/D	114	95	102		0
09	MW-BR07RE	160*	57*	102		2
10	VBLK5D	101	87	93		0
11	V5DLCS	100	80	92		0
12	MW-BR09A	119	60	89		0
13	MW-BR09B	113	68	89		0
14	VBLKA5	105	97	102		0
15	VA5LCS	103	93	101		0
16	MW-BR12	163*	48*	96		2
17	MW-BR12MS	143*	34*	92		2
18	MW-BR12MSD	161*	31*	91		2
19	MW-BR10	122	65	100		0
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	QC LIMITS
SMC1 (TOL) = Toluene-d8	(84-138)
SMC2 (BFB) = Bromofluorobenzene	(59-113)
SMC3 (DCE) = 1,2-Dichloroethane-d4	(70-121)

Column to be used to flag recovery values

* Values outside of contract required QC limits

3B

SOIL VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - EPA Sample No.: MW-BR12 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	34	0.0	40	118	59-172
Trichloroethene	34	0.0	34	100	62-137
Benzene	34	0.0	47	138	66-142
Toluene	34	0.0	54	159*	59-139
Chlorobenzene	34	0.0	36	106	60-133

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	34	43	126	7	22	59-172
Trichloroethene	34	36	106	6	24	62-137
Benzene	34	47	138	0	21	66-142
Toluene	34	53	156*	2	21	59-139
Chlorobenzene	34	35	103	3	21	60-133

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

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike Recovery: 2 out of 10 outside limits

COMMENTS: _____

0629

FORM 3
WATER VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - Sample No.: V5CLCS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50		51	102	61-145
Benzene	50		48	96	76-127
Trichloroethene	50		47	94	71-120
Toluene	50		48	96	76-125
Chlorobenzene	50		47	94	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
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - Sample No.: V5DLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50		46	92	59-172
Benzene	50		42	84	66-142
Trichloroethene	50		43	86	62-137
Toluene	50		44	88	59-139
Chlorobenzene	50		45	90	60-133

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
SOIL VOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION - Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - Sample No.: VA5LCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	50		51	102	59-172
Benzene	50		53	106	66-142
Trichloroethene	50		50	100	62-137
Toluene	50		51	102	59-139
Chlorobenzene	50		53	106	60-133

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKY5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: V5H9074 Lab Sample ID: MB-31278

Date Analyzed: 07/19/07 Time Analyzed: 2302

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

Instrument ID: V5

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SB06	F0981-03C	V5H9078	0102
02	SB12	F0981-04C	V5H9079	0132
03	MW-BR07	F0981-07C	V5H9081	0233
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COMMENTS: _____

0033

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLK5A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: V5H9111 Lab Sample ID: MB-31296

Date Analyzed: 07/20/07 Time Analyzed: 1800

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

Instrument ID: V5

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SB06RE	F0981-03CRE	V5H9118	2155
02	SB12RE	F0981-04CRE	V5H9119	2225
03	SB12/D	F0981-05C	V5H9120	2256
04	MW-BR07RE	F0981-07CRE	V5H9121	2326
05				
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COMMENTS: _____

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLK5B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: V5H9124 Lab Sample ID: MB-30864

Date Analyzed: 07/22/07 Time Analyzed: 1433

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

Instrument ID: V5

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SB02W	F0981-01A	V5H9130	1821
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK5C

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: V5H9131 Lab Sample ID: MB-31298

Date Analyzed: 07/23/07 Time Analyzed: 1141

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

Instrument ID: V5

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SB12W	F0981-06A	V5H9132	1206
02	SB02WRE	F0981-01ARE	V5H9133A	1416
03	TB04	F0981-02A	V5H9134	1445
04				
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COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLK5D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: V5H9162 Lab Sample ID: MB-31342

Date Analyzed: 07/24/07 Time Analyzed: 1215

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

Instrument ID: V5

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-BR09A	F0981-08C	V5H9164	1316
02	MW-BR09B	F0981-09C	V5H9165	1346
03				
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COMMENTS: _____

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKA5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: V5H9469 Lab Sample ID: MB-31518

Date Analyzed: 08/03/07 Time Analyzed: 0303

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

Instrument ID: V5

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	MW-BR12	F0981-11C	V5H9472	0433
02	MW-BR12MS	F0981-11CMS	V5H9473	0503
03	MW-BR12MSD	F0981-11CMSD	V5H9474	0532
04	MW-BR10	F0981-10C	V5H9478	1006
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COMMENTS: _____

4A

EPA SAMPLE NO.

VOLATILE METHOD BLANK SUMMARY

VBLKF5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: V5H9572 Lab Sample ID: MB-31618

Date Analyzed: 08/09/07 Time Analyzed: 1248

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

Instrument ID: V5

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	VHBLKF5	VHBLKF5	V5H9573	1317
02				
03				
04				
05				
06				
07				
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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.: MF0981

Lab File ID: V5H8910 BFB Injection Date: 07/13/07

Instrument ID: V5 BFB Injection Time: 1135

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	24.4
75	30.0 - 66.0% of mass 95	49.6
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	72.1
175	4.0 - 9.0% of mass 174	5.6 (7.8)1
176	93.0 - 101.0% of mass 174	69.8 (96.9)1
177	5.0 - 9.0% of mass 176	4.7 (6.8)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	VSTD050Q5	VSTD050Q5	V5H8911	07/13/07	1203
02	VSTD020Q5	VSTD020Q5	V5H8912	07/13/07	1232
03	VSTD010Q5	VSTD010Q5	V5H8913	07/13/07	1301
04	VSTD100Q5	VSTD100Q5	V5H8914	07/13/07	1331
05	VSTD200Q5	VSTD200Q5	V5H8915	07/13/07	1400
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07					
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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.: MF0981

Lab File ID: V5H9051 BFB Injection Date: 07/19/07

Instrument ID: V5 BFB Injection Time: 0949

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE

5A
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: V5H9072 BFB Injection Date: 07/19/07

Instrument ID: V5 BFB Injection Time: 2202

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	24.5
75	30.0 - 66.0% of mass 95	50.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	72.2
175	4.0 - 9.0% of mass 174	5.9 (8.2)1
176	93.0 - 101.0% of mass 174	72.4 (100.4)1
177	5.0 - 9.0% of mass 176	4.8 (6.7)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	VSTD050Y5	VSTD050Y5	V5H9073	07/19/07	2232
02	VBLKY5	MB-31278	V5H9074	07/19/07	2302
03	SB06	F0981-03C	V5H9078	07/20/07	0102
04	SB12	F0981-04C	V5H9079	07/20/07	0132
05	MW-BR07	F0981-07C	V5H9081	07/20/07	0233
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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.: MF0981

Lab File ID: V5H9109 BFB Injection Date: 07/20/07

Instrument ID: V5 BFB Injection Time: 1659

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23.8
75	30.0 - 66.0% of mass 95	49.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	76.4
175	4.0 - 9.0% of mass 174	6.1 (7.9)1
176	93.0 - 101.0% of mass 174	75.7 (99.0)1
177	5.0 - 9.0% of mass 176	5.2 (6.9)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	VSTD0505A	VSTD0505A	V5H9110	07/20/07	1730
02	VBLK5A	MB-31296	V5H9111	07/20/07	1800
03	SB06RE	F0981-03CRE	V5H9118	07/20/07	2155
04	SB12RE	F0981-04CRE	V5H9119	07/20/07	2225
05	SB12/D	F0981-05C	V5H9120	07/20/07	2256
06	MW-BR07RE	F0981-07CRE	V5H9121	07/20/07	2326
07					
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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.: MF0981

Lab File ID: V5H9122 BFB Injection Date: 07/22/07

Instrument ID: V5 BFB Injection Time: 1349

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	25.0
75	30.0 - 66.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	68.3
175	4.0 - 9.0% of mass 174	5.3 (7.8)1
176	93.0 - 101.0% of mass 174	66.9 (97.9)1
177	5.0 - 9.0% of mass 176	4.5 (6.7)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	VSTD0505B	VSTD0505B	V5H9123	07/22/07	1405
02	VBLK5B	MB-30864	V5H9124	07/22/07	1433
03	SB02W	F0981-01A	V5H9130	07/22/07	1821
04					
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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.: MF0981

Lab File ID: V5H9130A BFB Injection Date: 07/23/07

Instrument ID: V5 BFB Injection Time: 1052

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	24.5
75	30.0 - 66.0% of mass 95	50.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	67.2
175	4.0 - 9.0% of mass 174	5.1 (7.6)1
176	93.0 - 101.0% of mass 174	66.1 (98.4)1
177	5.0 - 9.0% of mass 176	4.4 (6.7)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	VSTD0505C	VSTD0505C	V5H9130B	07/23/07	1106
02	VBLK5C	MB-31298	V5H9131	07/23/07	1141
03	SB12W	F0981-06A	V5H9132	07/23/07	1206
04	SB02WRE	F0981-01ARE	V5H9133A	07/23/07	1416
05	TB04	F0981-02A	V5H9134	07/23/07	1445
06	V5CLCS	LCS-31298	V5H9135A	07/23/07	1542
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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.: MF0981

Lab File ID: V5H9160 BFB Injection Date: 07/24/07

Instrument ID: V5 BFB Injection Time: 1116

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	24.8
75	30.0 - 66.0% of mass 95	50.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	70.8
175	4.0 - 9.0% of mass 174	5.5 (7.8)1
176	93.0 - 101.0% of mass 174	69.3 (97.8)1
177	5.0 - 9.0% of mass 176	4.6 (6.6)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	VSTD0505D	VSTD0505D	V5H9161	07/24/07	1133
02	VBLK5D	MB-31342	V5H9162	07/24/07	1215
03	V5DLCS	LCS-31342	V5H9163	07/24/07	1246
04	MW-BR09A	F0981-08C	V5H9164	07/24/07	1316
05	MW-BR09B	F0981-09C	V5H9165	07/24/07	1346
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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.: MF0981

Lab File ID: V5H9462 BFB Injection Date: 08/02/07

Instrument ID: V5 BFB Injection Time: 2302

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	14.4
75	30.0 - 66.0% of mass 95	37.4
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	71.1
175	4.0 - 9.0% of mass 174	5.4 (7.6)1
176	93.0 - 101.0% of mass 174	70.2 (98.8)1
177	5.0 - 9.0% of mass 176	4.3 (6.1)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0505Z	VSTD0505Z	V5H9463	08/02/07	2332
02	VSTD0205Z	VSTD0205Z	V5H9464	08/03/07	0003
03	VSTD0105Z	VSTD0105Z	V5H9465	08/03/07	0033
04	VSTD2005Z	VSTD2005Z	V5H9466	08/03/07	0102
05	VSTD1005Z	VSTD1005Z	V5H9467	08/03/07	0132
06	VBLKA5	MB-31518	V5H9469	08/03/07	0303
07	VA5LCS	LCS-31518	V5H9470	08/03/07	0333
08	MW-BR12	F0981-11C	V5H9472	08/03/07	0433
09	MW-BR12MS	F0981-11CMS	V5H9473	08/03/07	0503
10	MW-BR12MSD	F0981-11CMSD	V5H9474	08/03/07	0532
11	MW-BR10	F0981-10C	V5H9478	08/03/07	1006
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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.: MF0981

Lab File ID: V5H9407 BFB Injection Date: 08/01/07

Instrument ID: V5 BFB Injection Time: 1400

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	15.4
75	30.0 - 66.0% of mass 95	38.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	68.2
175	4.0 - 9.0% of mass 174	5.6 (8.2)1
176	93.0 - 101.0% of mass 174	67.6 (99.2)1
177	5.0 - 9.0% of mass 176	4.3 (6.4)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0505X	VSTD0505X	V5H9408	08/01/07	1415
02	VSTD0205X	VSTD0205X	V5H9409	08/01/07	1444
03	VSTD0105X	VSTD0105X	V5H9410	08/01/07	1513
04	VSTD2005X	VSTD2005X	V5H9411	08/01/07	1541
05	VSTD1005X	VSTD1005X	V5H9412	08/01/07	1610
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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.: MF0981

Lab File ID: V5H9570 BFB Injection Date: 08/09/07

Instrument ID: V5 BFB Injection Time: 1204

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	16.6
75	30.0 - 66.0% of mass 95	43.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.0 (0.0)1
174	50.0 - 120.0% of mass 95	90.2
175	4.0 - 9.0% of mass 174	5.3 (5.8)1
176	93.0 - 101.0% of mass 174	87.0 (96.4)1
177	5.0 - 9.0% of mass 176	5.6 (6.5)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	VSTD050F5	VSTD050F5	V5H9571	08/09/07	1220
02	VBLKF5	MB-31618	V5H9572	08/09/07	1248
03	VHBLKF5	VHBLKF5	V5H9573	08/09/07	1317
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0849

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

EPA Sample No. (VSTD050##): VSTD050Y5 Date Analyzed: 07/19/07

Lab File ID (Standard): V5H9073 Time Analyzed: 2232

Instrument ID: V5 Heated Purge: (Y/N) Y

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

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	12 HOUR STD	242019	4.94	979559	5.92	929079	9.00
	UPPER LIMIT	484038	5.44	1959118	6.42	1858158	9.50
	LOWER LIMIT	121010	4.44	489780	5.42	464540	8.50
	EPA SAMPLE						
01	VBLKY5	275412	4.94	1121157	5.92	984265	9.00
02	SB06	159454	4.94	563996	5.93	355762*	9.02
03	SB12	151458	4.93	489063*	5.93	235275*	9.02
04	MW-BR07	158383	4.94	483251*	5.94	224965*	9.01
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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

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

EPA Sample No. (VSTD050##): VSTD0505A Date Analyzed: 07/20/07

Lab File ID (Standard): V5H9110 Time Analyzed: 1730

Instrument ID: V5 Heated Purge: (Y/N) Y

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

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	12 HOUR STD	260810	4.93	1134919	5.93	1060537	9.00
	UPPER LIMIT	521620	5.43	2269838	6.43	2121074	9.50
	LOWER LIMIT	130405	4.43	567460	5.43	530269	8.50
	EPA SAMPLE						
01	VBLK5A	285694	4.93	1272504	5.92	1095565	9.01
02	SB06RE	240570	4.93	899286	5.93	631543	9.01
03	SB12RE	202157	4.94	700209	5.92	353745*	9.01
04	SB12/D	210362	4.94	839465	5.92	739649	9.01
05	MW-BR07RE	141309	4.93	495335*	5.93	296098*	9.01
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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

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

EPA Sample No. (VSTD050##): VSTD0505B Date Analyzed: 07/22/07

Lab File ID (Standard): V5H9123 Time Analyzed: 1405

Instrument ID: V5 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	275376	4.94	1260399	5.92	1094379	9.00
	UPPER LIMIT	550752	5.44	2520798	6.42	2188758	9.50
	LOWER LIMIT	137688	4.44	630200	5.42	547190	8.50
	EPA SAMPLE						
01	VBLK5B	325923	4.94	1473228	5.92	1247634	9.00
02	SB02W	241890	4.94	764310	5.92	332985*	9.01
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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

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

EPA Sample No. (VSTD050##): VSTD0505C Date Analyzed: 07/23/07

Lab File ID (Standard): V5H9130B Time Analyzed: 1106

Instrument ID: V5 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	293510	4.93	1312411	5.92	1178754	9.01
	UPPER LIMIT	587020	5.43	2624822	6.42	2357508	9.51
	LOWER LIMIT	146755	4.43	656206	5.42	589377	8.51
	EPA SAMPLE						
01	VBLK5C	335309	4.93	1538573	5.92	1308435	9.00
02	SB12W	328516	4.93	1868399	5.93	1532673	9.01
03	SB02WRE	294829	4.94	1362548	5.92	1006224	9.00
04	TB04	312971	4.93	1445893	5.93	1231459	9.01
05	V5CLCS	272044	4.93	1225890	5.93	1090926	9.01
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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

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

EPA Sample No. (VSTD050##): VSTD0505D Date Analyzed: 07/24/07

Lab File ID (Standard): V5H9161 Time Analyzed: 1133

Instrument ID: V5 Heated Purge: (Y/N) Y

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

		IS1 (BCM) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (CBZ) AREA #	RT #
	12 HOUR STD	232612	4.93	946095	5.93	911172	9.01
	UPPER LIMIT	465224	5.43	1892190	6.43	1822344	9.51
	LOWER LIMIT	116306	4.43	473048	5.43	455586	8.51
	EPA SAMPLE						
01	VBLK5D	281671	4.93	1221951	5.93	1032157	9.00
02	V5DLCS	212687	4.94	880244	5.92	792318	9.01
03	MW-BR09A	203084	4.93	786379	5.93	601075	9.01
04	MW-BR09B	221429	4.93	889265	5.93	704487	9.01
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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

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

EPA Sample No. (VSTD050##): VSTD0505Z Date Analyzed: 08/02/07

Lab File ID (Standard): V5H9463 Time Analyzed: 2332

Instrument ID: V5 Heated Purge: (Y/N) Y

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

		IS1(BCM) AREA	#	RT	#	IS2(DFB) AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
	12 HOUR STD	69014		4.93		292062		5.92		265492		9.01	
	UPPER LIMIT	138028		5.43		584124		6.42		530984		9.51	
	LOWER LIMIT	34507		4.43		146031		5.42		132746		8.51	
	EPA SAMPLE												
01	VBLKA5	77735		4.93		310678		5.92		277181		9.01	
02	VA5LCS	59793		4.93		250622		5.92		213753		9.01	
03	MW-BR12	48521		4.93		185932		5.93		95274	*	9.02	
04	MW-BR12MS	47475		4.93		169201		5.93		98107	*	9.01	
05	MW-BR12MSD	46271		4.94		155057		5.92		82460	*	9.01	
06	MW-BR10	57519		4.93		271464		5.93		193458		9.00	
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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

8A
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

EPA Sample No. (VSTD050##): VSTD050F5 Date Analyzed: 08/09/07

Lab File ID (Standard): V5H9571 Time Analyzed: 1220

Instrument ID: V5 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	53752	4.94	254908	5.93	212625	9.00
	UPPER LIMIT	107504	5.44	509816	6.43	425250	9.50
	LOWER LIMIT	26876	4.44	127454	5.43	106313	8.50
	EPA SAMPLE						
01	VBLKF5	64944	4.93	301109	5.92	252310	9.01
02	VHBLKF5	65619	4.94	296520	5.93	251330	9.00
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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

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07C

Sample wt/vol: 8.1 (g/mL) G Lab File ID: V5H9081

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: not dec. 18 Date Analyzed: 07/20/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	8	U
74-87-3	Chloromethane	8	U
75-01-4	Vinyl Chloride	8	U
74-83-9	Bromomethane	8	U
75-00-3	Chloroethane	8	U
75-69-4	Trichlorofluoromethane	8	U
75-35-4	1,1-Dichloroethene	8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8	U
67-64-1	Acetone	8	U
75-15-0	Carbon Disulfide	8	U
79-20-9	Methyl Acetate	8	U
75-09-2	Methylene Chloride	8	U
156-60-5	trans-1,2-Dichloroethene	8	U
1634-04-4	Methyl tert-Butyl Ether	8	U
75-34-3	1,1-Dichloroethane	8	U
156-59-2	cis-1,2-Dichloroethene	8	U
78-93-3	2-Butanone	8	U
67-66-3	Chloroform	8	U
71-55-6	1,1,1-Trichloroethane	8	U
110-82-7	Cyclohexane	8	U
56-23-5	Carbon Tetrachloride	8	U
71-43-2	Benzene	8	U
107-06-2	1,2-Dichloroethane	8	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07C

Sample wt/vol: 8.1(g/mL) G Lab File ID: V5H9081

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: not dec. 18 Date Analyzed: 07/20/07

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/KG	Q
79-01-6	Trichloroethene	8	U
108-87-2	Methylcyclohexane	8	U
78-87-5	1,2-Dichloropropane	8	U
75-27-4	Bromodichloromethane	8	U
10061-01-5	cis-1,3-Dichloropropene	8	U
108-10-1	4-Methyl-2-Pentanone	8	U
108-88-3	Toluene	8	U
10061-02-6	trans-1,3-Dichloropropene	8	U
79-00-5	1,1,2-Trichloroethane	8	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	8	U
124-48-1	Dibromochloromethane	8	U
106-93-4	1,2-Dibromoethane	8	U
108-90-7	Chlorobenzene	8	U
100-41-4	Ethylbenzene	8	U
1330-20-7	Xylene (Total)	8	U
100-42-5	Styrene	8	U
75-25-2	Bromoform	8	U
98-82-8	Isopropylbenzene	8	U
79-34-5	1,1,2,2-Tetrachloroethane	8	U
541-73-1	1,3-Dichlorobenzene	8	U
106-46-7	1,4-Dichlorobenzene	8	U
95-50-1	1,2-Dichlorobenzene	8	U
96-12-8	1,2-Dibromo-3-chloropropane	8	U
120-82-1	1,2,4-Trichlorobenzene	8	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR07

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07C

Sample wt/vol: 8.1 (g/mL) G Lab File ID: V5H9081

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: not dec. 18 Date Analyzed: 07/20/07

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

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

Number TICs found: 1

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

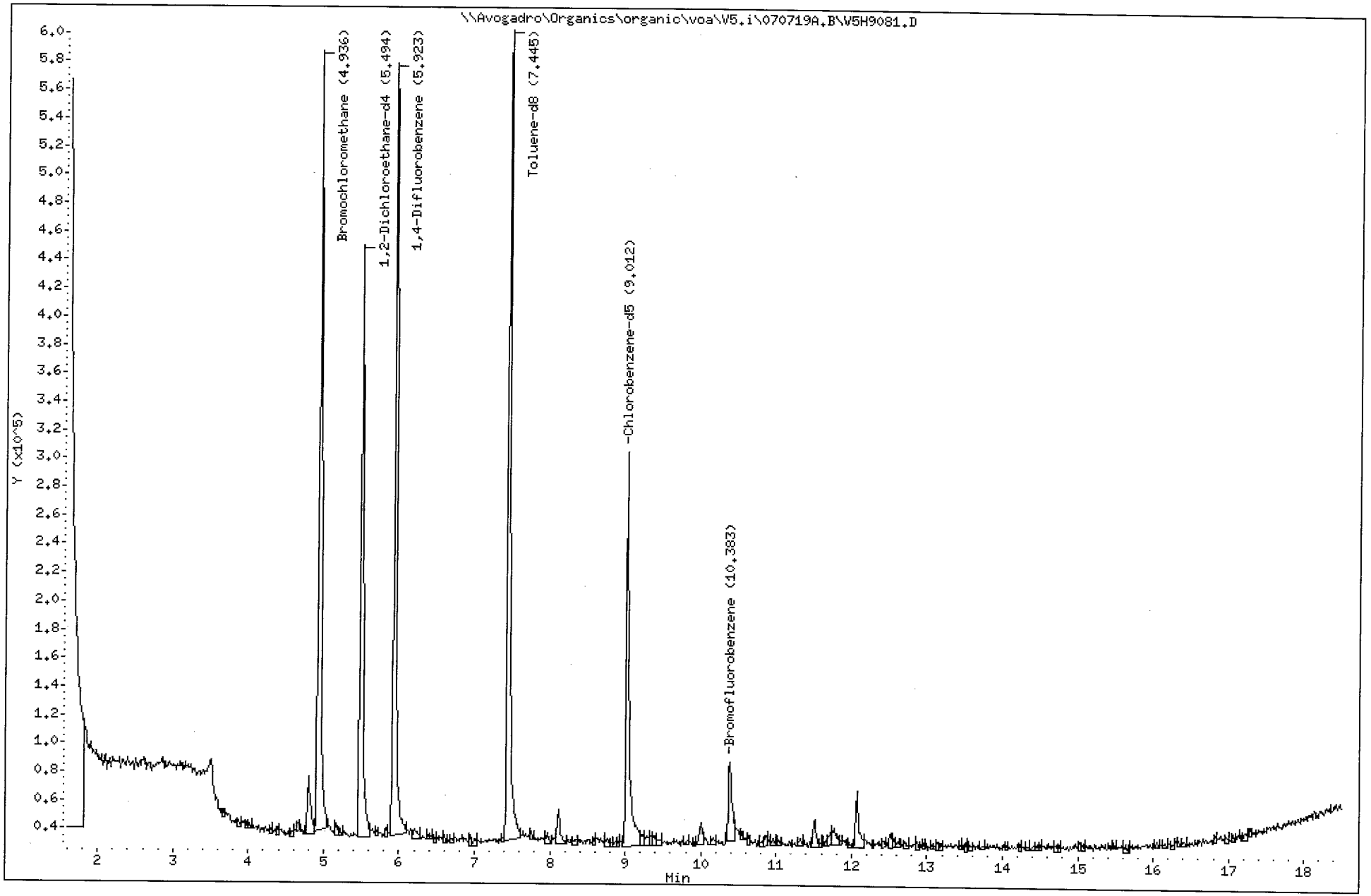
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.07	6	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9081.D
Date : 20-JUL-2007 02:33
Client ID: MW-BR07
Sample Info: 5G,F0981-07C,,31278

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



Data File: V5H9081.D
Report Date: 08-Aug-2007 14:33

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9081.D
Lab Smp Id: F0981-07C Client Smp ID: MW-BR07
Inj Date : 20-JUL-2007 02:33
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-07C,,31278
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\v5clp4h.m
Meth Date : 25-Jul-2007 16:04 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 22:32 Cal File: V5H9073.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	8.100	Weight of sample extracted (g)
M	18.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.936	4.936	(1.000)	158383	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.493	5.482	(1.113)	363377	51.6695	39
* 26 1,4-Difluorobenzene	114	5.935	5.923	(1.000)	483251	50.0000	
$ 33 Toluene-d8	98	7.444	7.433	(0.826)	464135	97.7205	74(R)
37 Tetrachloroethene	164	8.106	8.106	(0.899)	7222	5.88607	4(a)
* 42 Chlorobenzene-d5	117	9.012	9.000	(1.000)	224965	50.0000	
$ 50 Bromofluorobenzene	95	10.371	10.359	(1.151)	39515	19.4491	15(R)

IM 8/8/07

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: V5H9081.D
Report Date: 08-Aug-2007 14:33

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9081.D
Lab Smp Id: F0981-07C Client Smp ID: MW-BR07
Inj Date : 20-JUL-2007 02:33
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-07C,,31278
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\v5clp4h.m
Meth Date : 25-Jul-2007 16:04 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 22:32 Cal File: V5H9073.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	8.100	Weight of sample extracted (g)
M	18.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 42 Chlorobenzene-d5	9.012	808319	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
12.067	127218	7.86926596	6	0		0	42

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9081.D

Date : 20-JUL-2007 02:33

Client ID: MW-BR07

Instrument: V5.i

Sample Info: 5G,F0981-07C,,31278

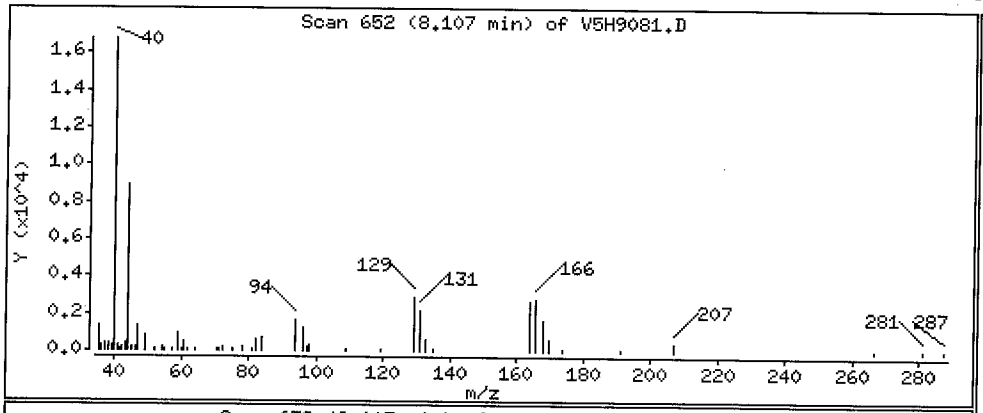
Operator: HZA SRC: LIMS

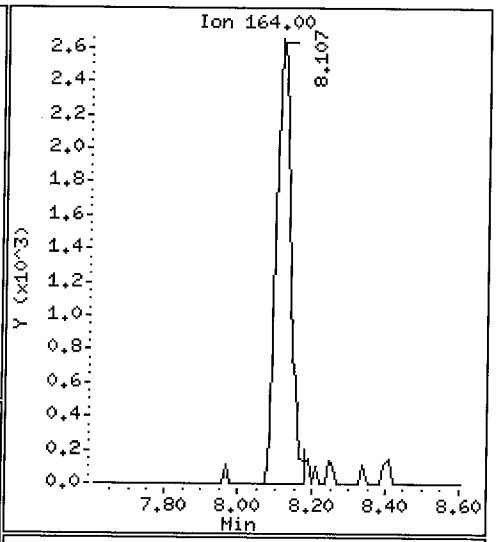
Column phase: DB-624

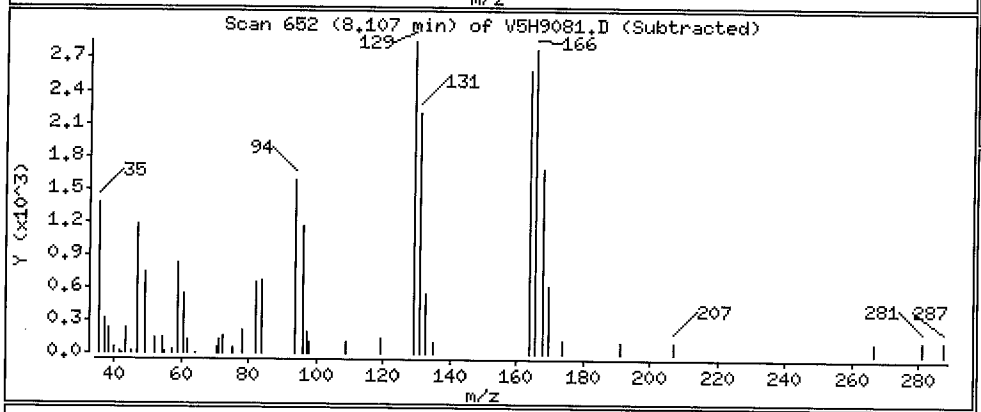
Column diameter: 0.25

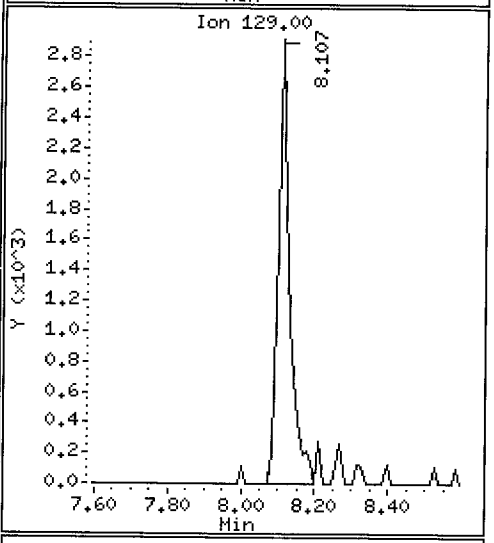
37 Tetrachloroethene

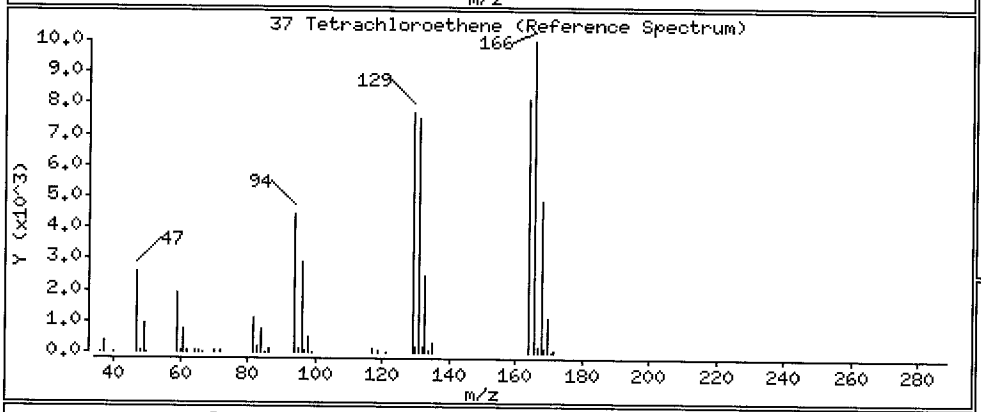
Concentration: 4 ug/Kg

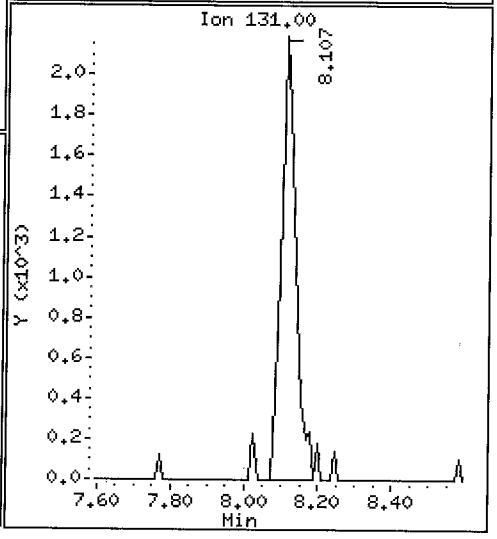


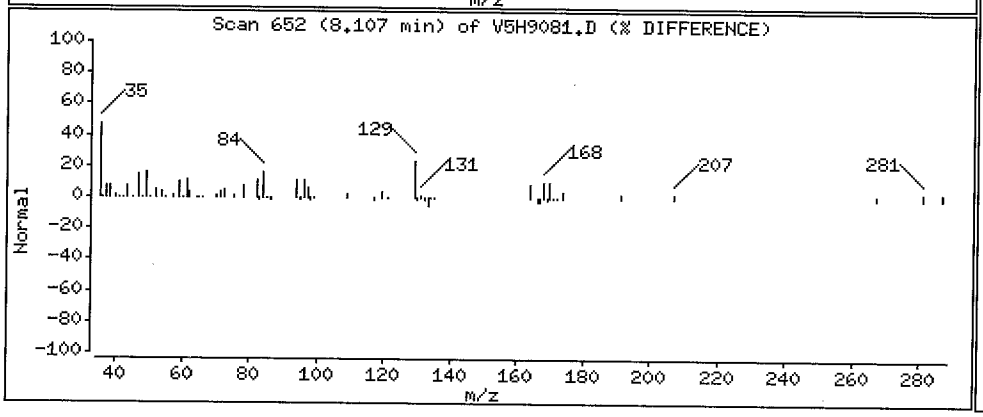












Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9081.D

Date : 20-JUL-2007 02:33

Client ID: MW-BR07

Instrument: V5.i

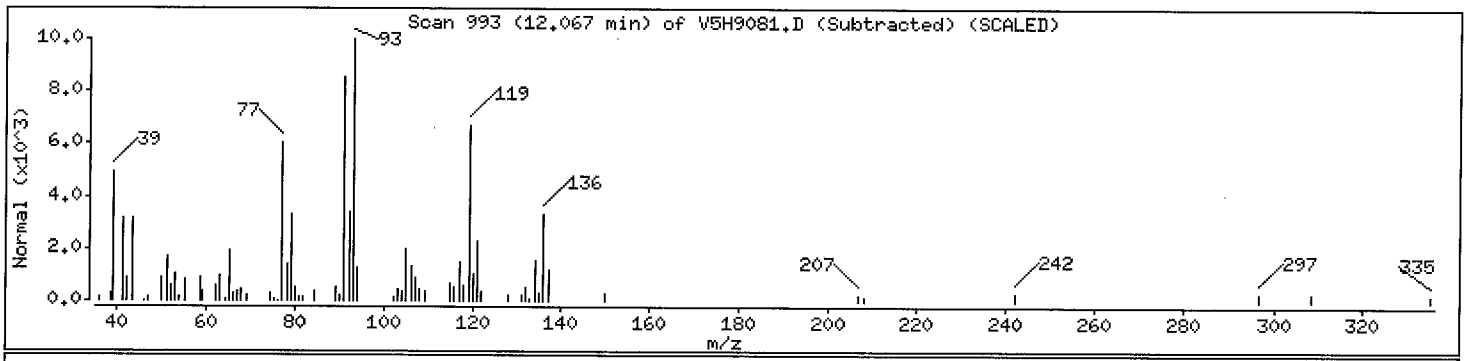
Sample Info: 5G,F0981-07C,,31278

Operator: HZA SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07CRE

Sample wt/vol: 7.2 (g/mL) G Lab File ID: V5H9121

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: not dec. 18 Date Analyzed: 07/20/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	8	U
74-87-3	Chloromethane	8	U
75-01-4	Vinyl Chloride	8	U
74-83-9	Bromomethane	8	U
75-00-3	Chloroethane	8	U
75-69-4	Trichlorofluoromethane	8	U
75-35-4	1,1-Dichloroethene	8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	8	U
67-64-1	Acetone	8	U
75-15-0	Carbon Disulfide	8	U
79-20-9	Methyl Acetate	8	U
75-09-2	Methylene Chloride	8	U
156-60-5	trans-1,2-Dichloroethene	8	U
1634-04-4	Methyl tert-Butyl Ether	8	U
75-34-3	1,1-Dichloroethane	8	U
156-59-2	cis-1,2-Dichloroethene	8	U
78-93-3	2-Butanone	8	U
67-66-3	Chloroform	8	U
71-55-6	1,1,1-Trichloroethane	8	U
110-82-7	Cyclohexane	8	U
56-23-5	Carbon Tetrachloride	8	U
71-43-2	Benzene	8	U
107-06-2	1,2-Dichloroethane	8	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07CRE

Sample wt/vol: 7.2 (g/mL) G Lab File ID: V5H9121

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: not dec. 18 Date Analyzed: 07/20/07

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/KG	Q
79-01-6	Trichloroethene	8	U
108-87-2	Methylcyclohexane	8	U
78-87-5	1,2-Dichloropropane	8	U
75-27-4	Bromodichloromethane	8	U
10061-01-5	cis-1,3-Dichloropropene	8	U
108-10-1	4-Methyl-2-Pentanone	8	U
108-88-3	Toluene	8	U
10061-02-6	trans-1,3-Dichloropropene	8	U
79-00-5	1,1,2-Trichloroethane	8	U
127-18-4	Tetrachloroethene	4	J
591-78-6	2-Hexanone	8	U
124-48-1	Dibromochloromethane	8	U
106-93-4	1,2-Dibromoethane	8	U
108-90-7	Chlorobenzene	8	U
100-41-4	Ethylbenzene	8	U
1330-20-7	Xylene (Total)	8	U
100-42-5	Styrene	8	U
75-25-2	Bromoform	8	U
98-82-8	Isopropylbenzene	8	U
79-34-5	1,1,2,2-Tetrachloroethane	8	U
541-73-1	1,3-Dichlorobenzene	8	U
106-46-7	1,4-Dichlorobenzene	8	U
95-50-1	1,2-Dichlorobenzene	8	U
96-12-8	1,2-Dibromo-3-chloropropane	8	U
120-82-1	1,2,4-Trichlorobenzene	8	U

0056

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR07RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07CRE

Sample wt/vol: 7.2 (g/mL) G Lab File ID: V5H9121

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: not dec. 18 Date Analyzed: 07/20/07

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/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
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30.					

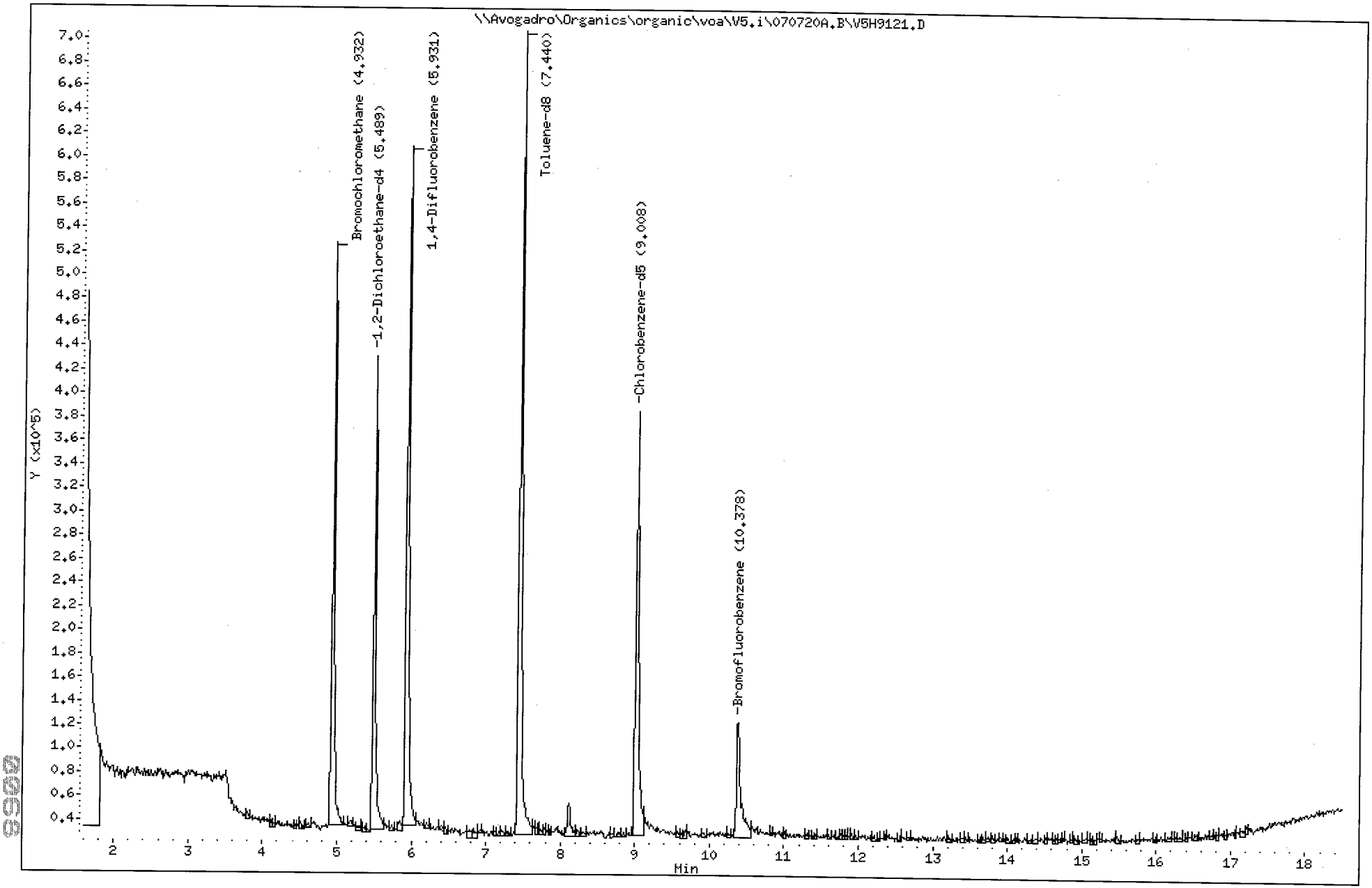
0067

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9121.D
Date : 20-JUL-2007 23:26
Client ID: MW-BR07RE
Sample Info: 5ML,F0981-07CRE,,31296

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



Data File: V5H9121.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9121.D
Lab Smp Id: F0981-07CRE Client Smp ID: MW-BR07RE
Inj Date : 20-JUL-2007 23:26
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-07CRE,,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	7.200	Weight of sample extracted (g)
M	18.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.931	4.927	(1.000)	141309	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.489	5.485	(1.113)	336931	50.8925	43
* 26 1,4-Difluorobenzene	114	5.930	5.926	(1.000)	495335	50.0000	
$ 33 Toluene-d8	98	7.440	7.436	(0.826)	506595	79.8291	68 (R)
37 Tetrachloroethene	164	8.113	8.098	(0.901)	7782	4.59796	4 (a)
* 42 Chlorobenzene-d5	117	9.007	9.003	(1.000)	296098	50.0000	
$ 50 Bromofluorobenzene	95	10.378	10.362	(1.152)	75015	28.7028	24 (R)

lm 8/8/07

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: V5H9121.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9121.D
Lab Smp Id: F0981-07CRE Client Smp ID: MW-BR07RE
Inj Date : 20-JUL-2007 23:26
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-07CRE,,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9121.D

Date : 20-JUL-2007 23:26

Client ID: MW-BR07RE

Instrument: V5.i

Sample Info: 5ML,F0981-07CRE,,31296

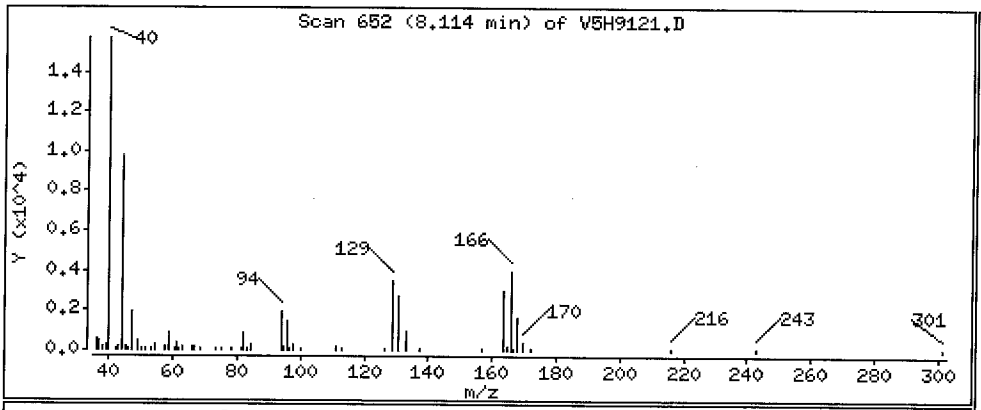
Operator: HZA SRC: LIMS

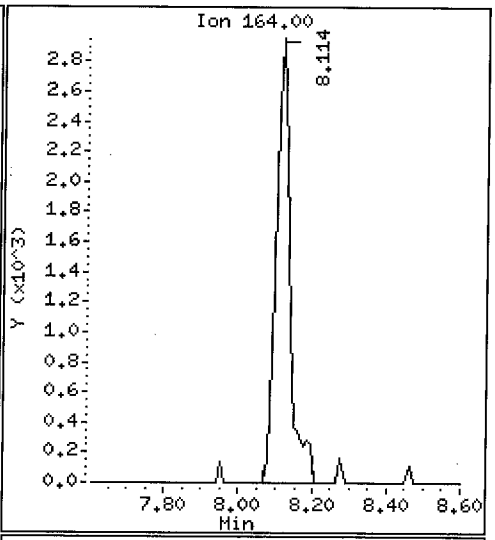
Column phase: DB-624

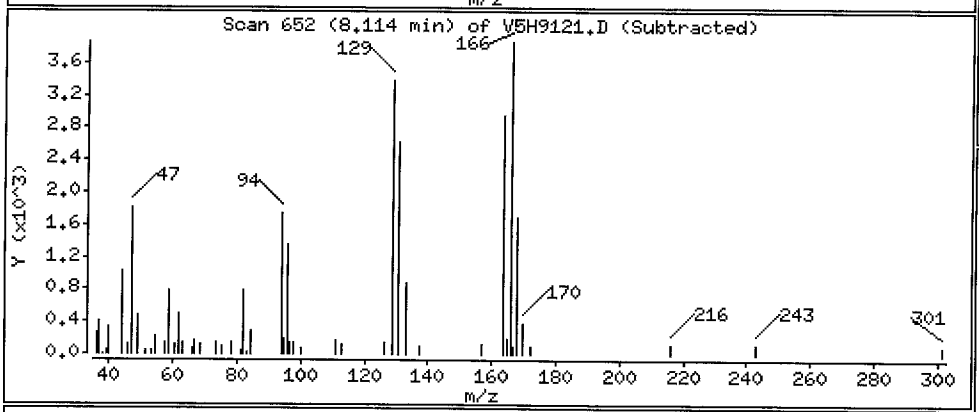
Column diameter: 0.25

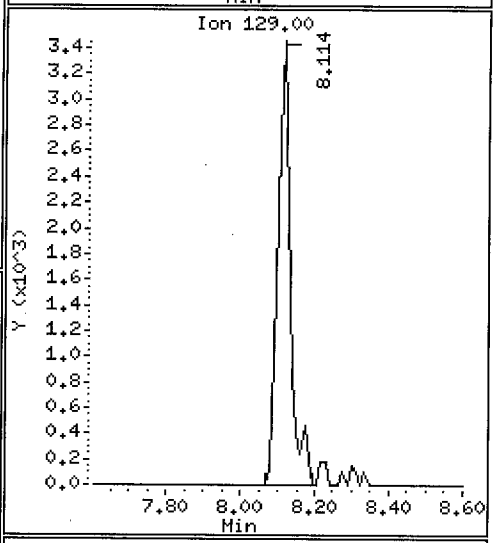
37 Tetrachloroethene

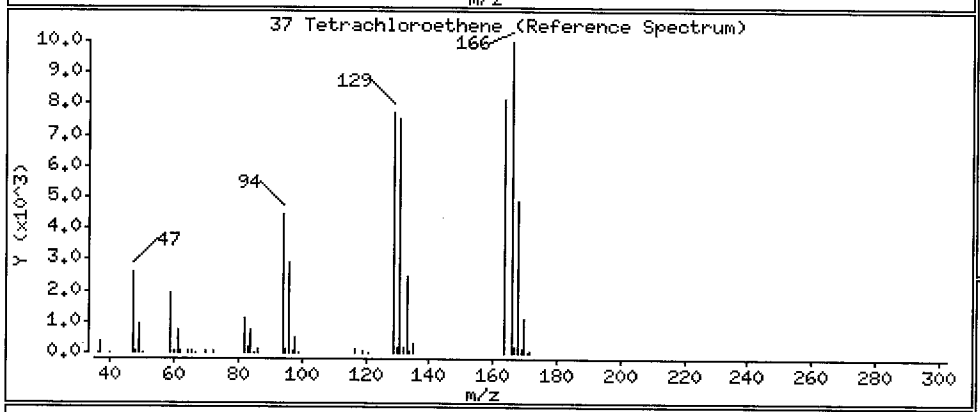
Concentration: 4 ug/Kg

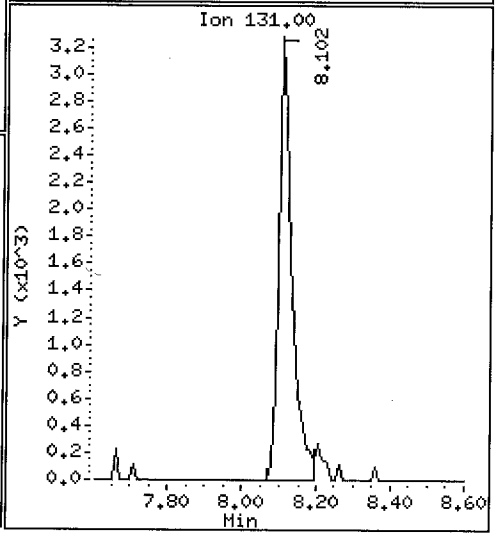


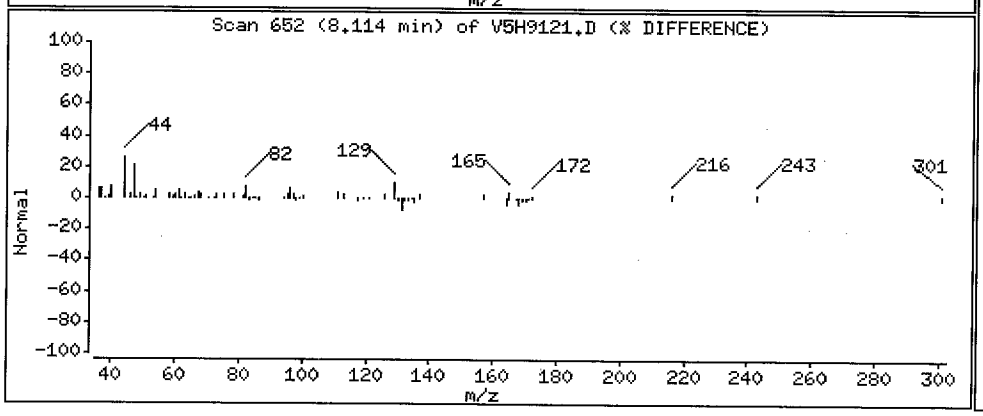












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-08C

Sample wt/vol: 7.5 (g/mL) G Lab File ID: V5H9164

Level: (low/med) LOW Date Received: 07/20/07

% Moisture: not dec. 10 Date Analyzed: 07/24/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	7	U
74-87-3	Chloromethane	7	U
75-01-4	Vinyl Chloride	7	U
74-83-9	Bromomethane	7	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
75-35-4	1,1-Dichloroethene	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
67-64-1	Acetone	7	U
75-15-0	Carbon Disulfide	7	U
79-20-9	Methyl Acetate	7	U
75-09-2	Methylene Chloride	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
1634-04-4	Methyl tert-Butyl Ether	7	U
75-34-3	1,1-Dichloroethane	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
78-93-3	2-Butanone	7	U
67-66-3	Chloroform	7	U
71-55-6	1,1,1-Trichloroethane	7	U
110-82-7	Cyclohexane	7	U
56-23-5	Carbon Tetrachloride	7	U
71-43-2	Benzene	7	U
107-06-2	1,2-Dichloroethane	7	U

0872

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-08C

Sample wt/vol: 7.5 (g/mL) G Lab File ID: V5H9164

Level: (low/med) LOW Date Received: 07/20/07

% Moisture: not dec. 10 Date Analyzed: 07/24/07

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/KG	Q
79-01-6	Trichloroethene	7	U
108-87-2	Methylcyclohexane	7	U
78-87-5	1,2-Dichloropropane	7	U
75-27-4	Bromodichloromethane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
108-10-1	4-Methyl-2-Pentanone	7	U
108-88-3	Toluene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
127-18-4	Tetrachloroethene	7	U
591-78-6	2-Hexanone	7	U
124-48-1	Dibromochloromethane	7	U
106-93-4	1,2-Dibromoethane	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
1330-20-7	Xylene (Total)	7	U
100-42-5	Styrene	7	U
75-25-2	Bromoform	7	U
98-82-8	Isopropylbenzene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
95-50-1	1,2-Dichlorobenzene	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U

0073

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR09A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-08C

Sample wt/vol: 7.5 (g/mL) G Lab File ID: V5H9164

Level: (low/med) LOW Date Received: 07/20/07

% Moisture: not dec. 10 Date Analyzed: 07/24/07

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

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

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

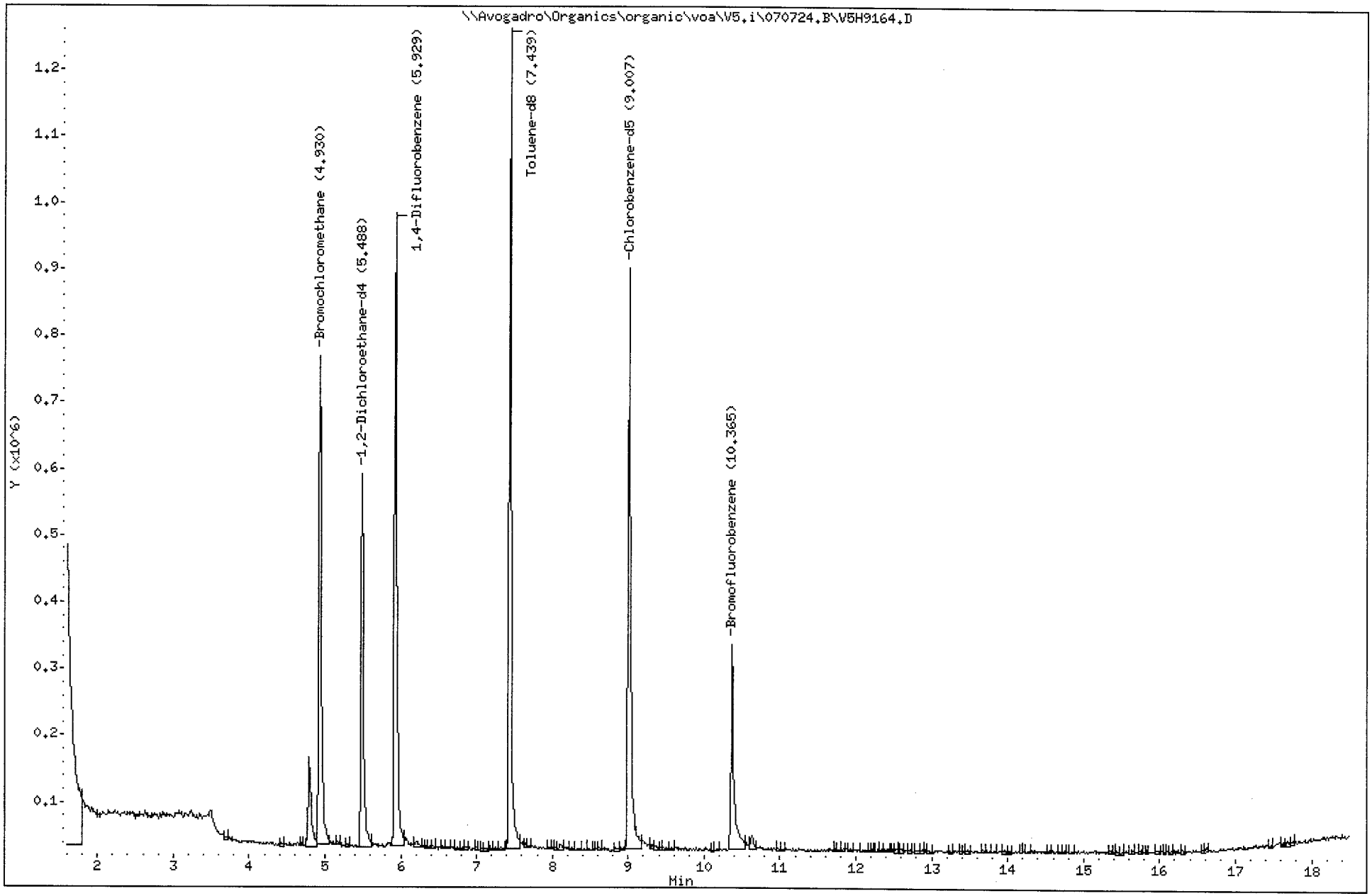
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.79	8	J
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9164.D
Date : 24-JUL-2007 13:16
Client ID: MW-BR09A
Sample Info: 5G,F0981-08C,,31342

Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25



5198

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9164.D
Report Date: 10-Aug-2007 15:17

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9164.D
Lab Smp Id: F0981-08C Client Smp ID: MW-BR09A
Inj Date : 24-JUL-2007 13:16
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-08C,,31342
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070724.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:03 V5.i Quant Type: ISTD
Cal Date : 24-JUL-2007 11:33 Cal File: V5H9161.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	7.500	Weight of sample extracted (g)
M	10.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.930	4.930	(1.000)	203084	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.487	5.488	(1.113)	448180	44.2837	33
* 26 1,4-Difluorobenzene	114	5.929	5.929	(1.000)	786379	50.0000	
$ 33 Toluene-d8	98	7.438	7.439	(0.826)	865853	59.4878	44
* 42 Chlorobenzene-d5	117	9.006	9.007	(1.000)	601075	50.0000	
$ 50 Bromofluorobenzene	95	10.365	10.354	(1.151)	172403	30.1084	22

KC
8/10/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9164.D
Report Date: 10-Aug-2007 15:17

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9164.D
Lab Smp Id: F0981-08C Client Smp ID: MW-BR09A
Inj Date : 24-JUL-2007 13:16
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-08C,,31342
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070724.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:03 V5.i Quant Type: ISTD
Cal Date : 24-JUL-2007 11:33 Cal File: V5H9161.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	7.500	Weight of sample extracted (g)
M	10.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	4.930	1731527	50.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown			CAS #:				
4.791	367765	10.6196608	8	0		0	18

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9164.D

Date : 24-JUL-2007 13:16

Client ID: MW-BR09A

Instrument: V5.i

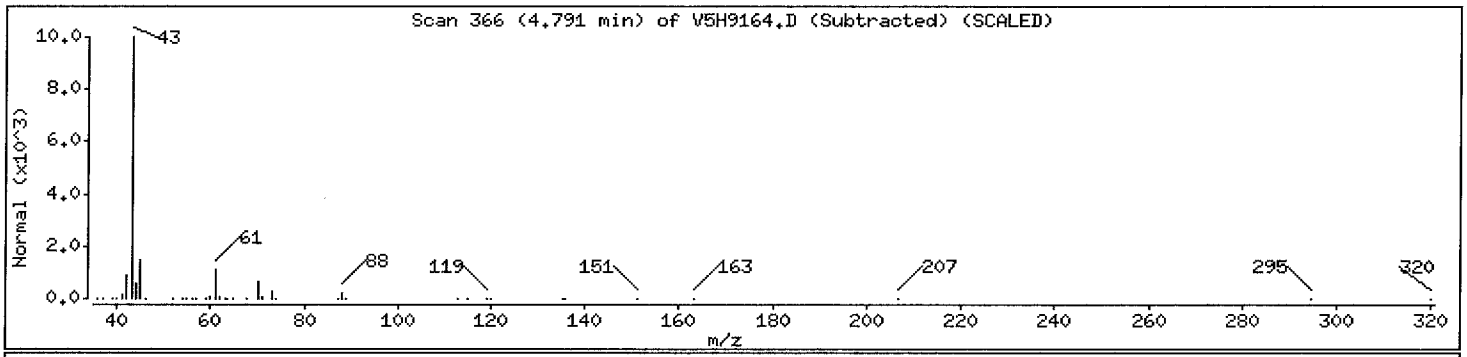
Sample Info: 5G,F0981-08C,,31342

Operator: HZA SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-09C

Sample wt/vol: 9.3 (g/mL) G Lab File ID: V5H9165

Level: (low/med) LOW Date Received: 07/24/07

% Moisture: not dec. 15 Date Analyzed: 07/24/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
67-64-1	Acetone	6	U
75-15-0	Carbon Disulfide	6	U
79-20-9	Methyl Acetate	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-Butyl Ether	6	U
75-34-3	1,1-Dichloroethane	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
78-93-3	2-Butanone	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
110-82-7	Cyclohexane	6	U
56-23-5	Carbon Tetrachloride	6	U
71-43-2	Benzene	6	U
107-06-2	1,2-Dichloroethane	6	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-09C

Sample wt/vol: 9.3 (g/mL) G Lab File ID: V5H9165

Level: (low/med) LOW Date Received: 07/24/07

% Moisture: not dec. 15 Date Analyzed: 07/24/07

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/KG	Q
79-01-6	Trichloroethene	6	U
108-87-2	Methylcyclohexane	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-Pentanone	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR09B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-09C

Sample wt/vol: 9.3 (g/mL) G Lab File ID: V5H9165

Level: (low/med) LOW Date Received: 07/24/07

% Moisture: not dec. 15 Date Analyzed: 07/24/07

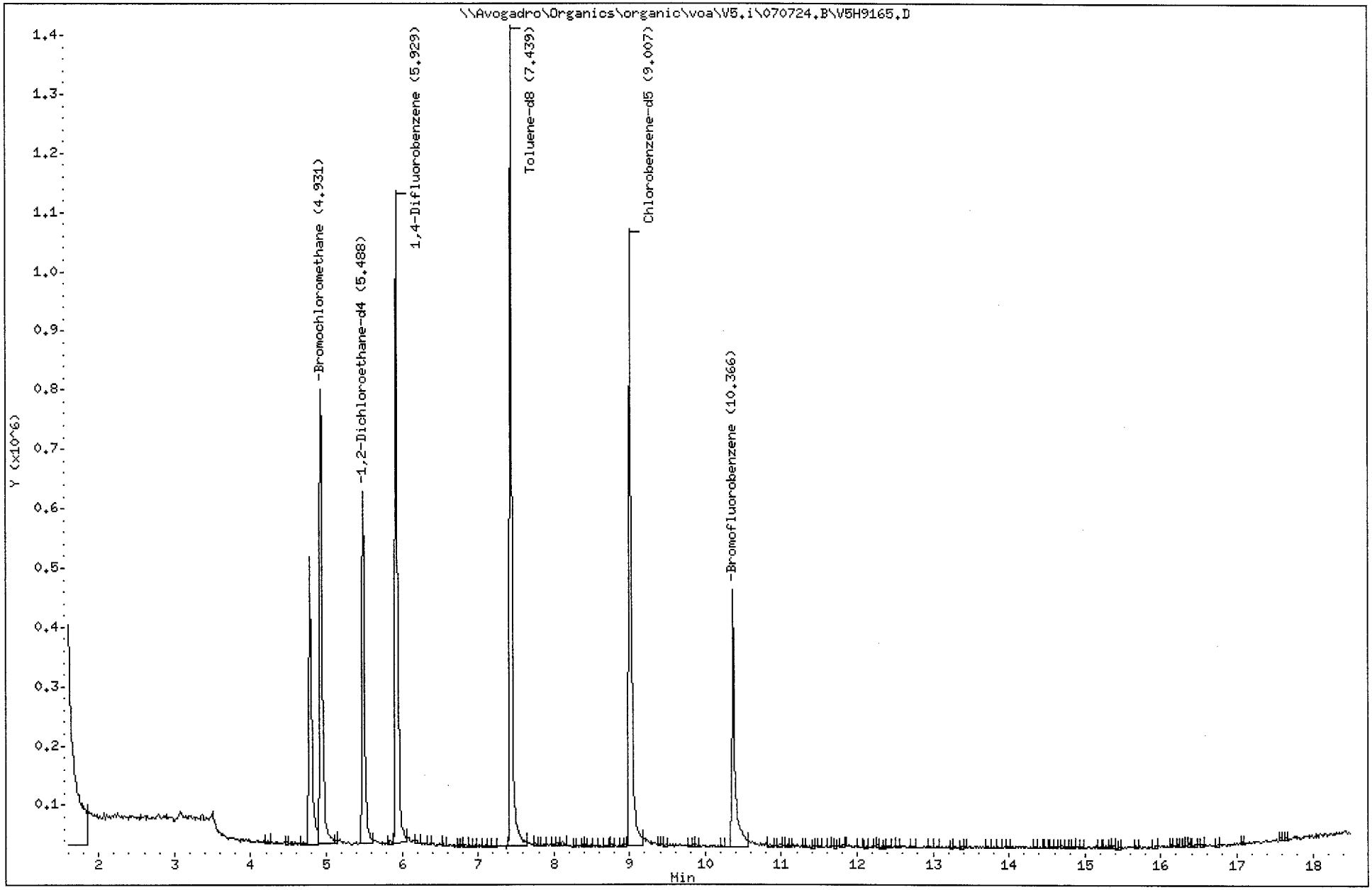
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	141-78-6	ETHYL ACETATE	4.79	21	NJ
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
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19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9165.D
Date : 24-JUL-2007 13:46
Client ID: MW-BR09B
Instrument: V5.i
Sample Info: 5G,F0981-09C,,31342
Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



3888

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9165.D
Report Date: 10-Aug-2007 15:17

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9165.D
Lab Smp Id: F0981-09C Client Smp ID: MW-BR09B
Inj Date : 24-JUL-2007 13:46
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-09C,,31342
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070724.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:03 V5.i Quant Type: ISTD
Cal Date : 24-JUL-2007 11:33 Cal File: V5H9161.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	9.300	Weight of sample extracted (g)
M	15.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)
*	18 Bromochloromethane	128	4.930	4.930	(1.000)	221429	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.488	5.488	(1.113)	489835	44.3897	28
*	26 1,4-Difluorobenzene	114	5.929	5.929	(1.000)	889265	50.0000	
$	33 Toluene-d8	98	7.439	7.439	(0.826)	961474	56.3608	36
*	42 Chlorobenzene-d5	117	9.006	9.007	(1.000)	704487	50.0000	
$	50 Bromofluorobenzene	95	10.365	10.354	(1.151)	228913	34.1090	22

KL
8/10/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9165.D
Report Date: 10-Aug-2007 15:17

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9165.D
Lab Smp Id: F0981-09C Client Smp ID: MW-BR09B
Inj Date : 24-JUL-2007 13:46
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-09C,,31342
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070724.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:03 V5.i Quant Type: ISTD
Cal Date : 24-JUL-2007 11:33 Cal File: V5H9161.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET9

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	9.300	Weight of sample extracted (g)
M	15.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 18 Bromochloromethane	4.931	1930419	50.000

	CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Ethyl Acetate				CAS #: 141-78-6			
4.791	1261504	32.6743505	21	86	NIST2002.L	1987	18(L)

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9165.D

Date : 24-JUL-2007 13:46

Client ID: MW-BR09B

Instrument: V5.i

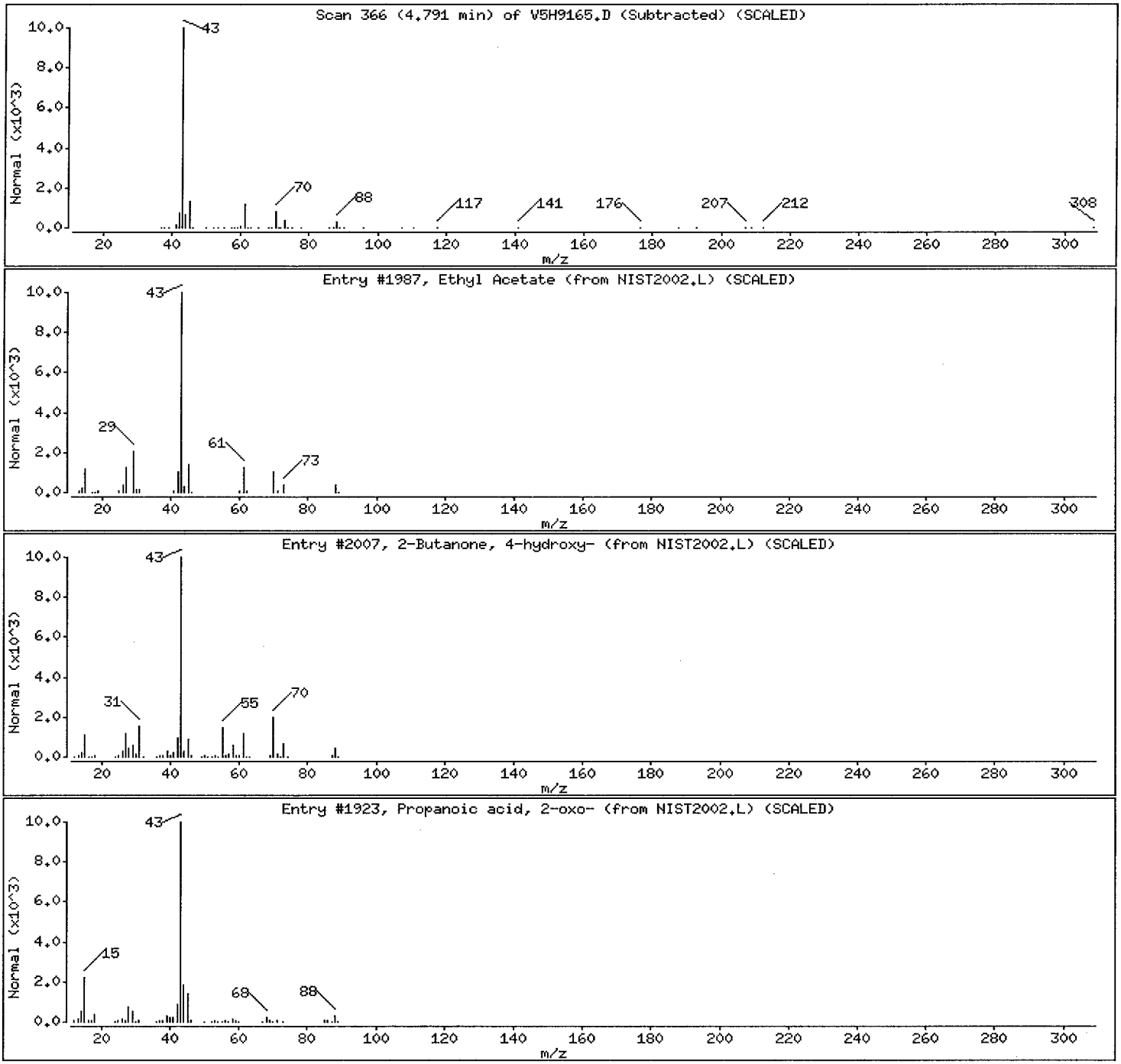
Sample Info: 5G,F0981-09C,,31342

Operator: HZA SRC: LIMS

Column phase: DB-624

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Ethyl Acetate	141-78-6	NIST2002.L	1987	86	C4H8O2	88
2-Butanone, 4-hydroxy-	590-90-9	NIST2002.L	2007	9	C4H8O2	88
Propanoic acid, 2-oxo-	127-17-3	NIST2002.L	1923	9	C3H4O3	88



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-10C

Sample wt/vol: 9.2 (g/mL) G Lab File ID: V5H9478

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 16 Date Analyzed: 08/03/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
67-64-1	Acetone	6	U
75-15-0	Carbon Disulfide	6	U
79-20-9	Methyl Acetate	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-Butyl Ether	6	U
75-34-3	1,1-Dichloroethane	6	U
156-59-2	cis-1,2-Dichloroethene	2	J
78-93-3	2-Butanone	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
110-82-7	Cyclohexane	6	U
56-23-5	Carbon Tetrachloride	6	U
71-43-2	Benzene	6	U
107-06-2	1,2-Dichloroethane	6	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-10C

Sample wt/vol: 9.2 (g/mL) G Lab File ID: V5H9478

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 16 Date Analyzed: 08/03/07

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/KG	Q
79-01-6	Trichloroethene	6	U
108-87-2	Methylcyclohexane	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-Pentanone	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-10C

Sample wt/vol: 9.2 (g/mL) G Lab File ID: V5H9478

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 16 Date Analyzed: 08/03/07

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

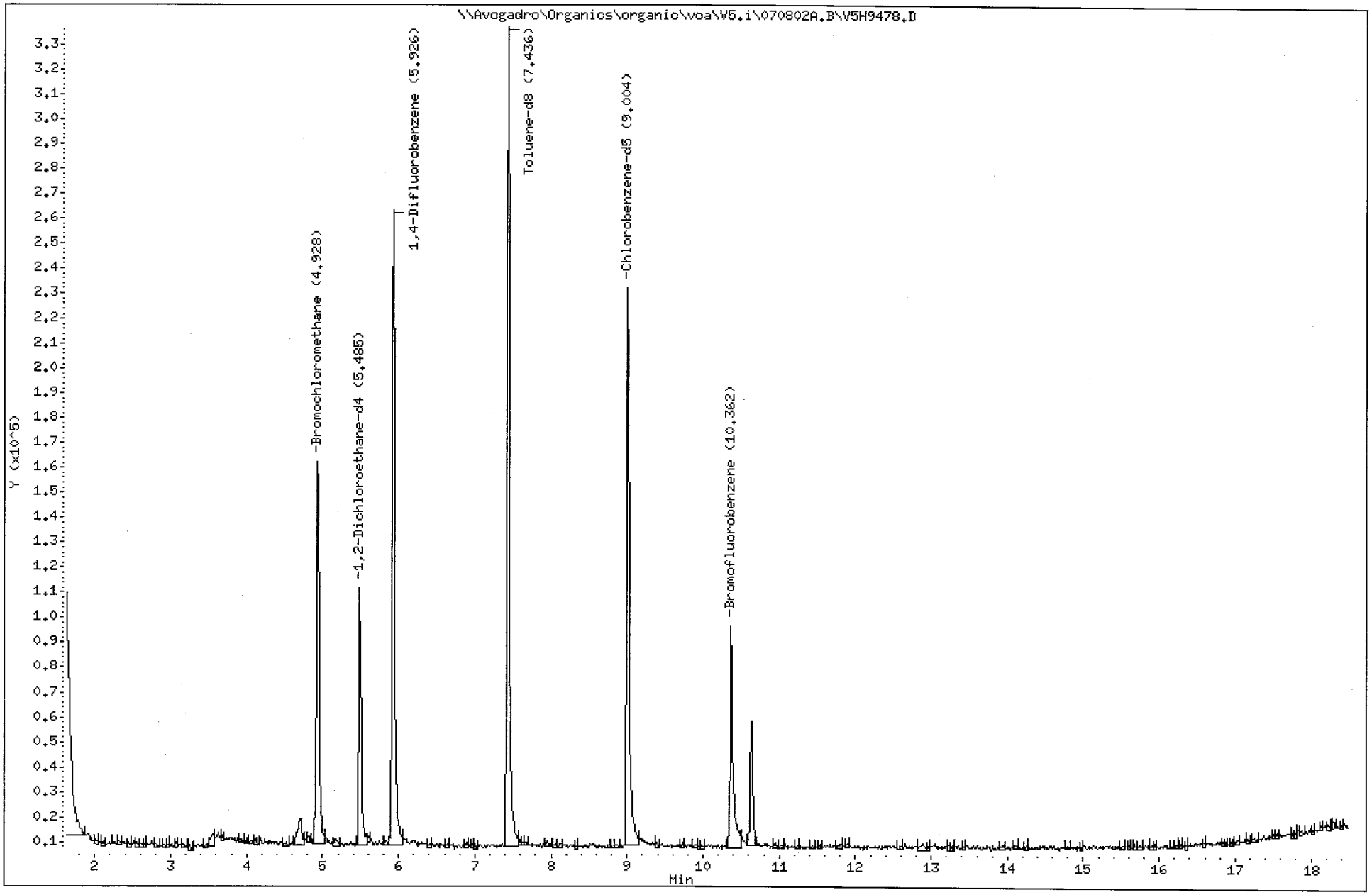
Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	10.63	7	NJ
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\V5.i\070802A.B\V5H9478.D
Date : 03-AUG-2007 10:06
Client ID: MW-BR10
Instrument: V5.i
Sample Info: 5G,F0981-10C,,31518
Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



5585

Data File: V5H9478.D
Report Date: 10-Aug-2007 11:53

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9478.D
Lab Smp Id: F0981-10C Client Smp ID: MW-BR10
Inj Date : 03-AUG-2007 10:06
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-10C,,31518
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 03-AUG-2007 02:33 Cal File: V5H9468.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	9.200	Weight of sample extracted (g)
M	16.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)	
	17 cis-1,2-Dichloroethene	96	4.706	4.701	(0.955)	5567	2.62095	2	(a)
*	18 Bromochloromethane	128	4.927	4.933	(1.000)	57519	50.0000		
$	23 1,2-Dichloroethane-d4	65	5.484	5.491	(1.113)	77350	49.8080	32	
*	26 1,4-Difluorobenzene	114	5.926	5.921	(1.000)	271464	50.0000		
$	33 Toluene-d8	98	7.435	7.430	(0.826)	275684	60.8660	39	
*	42 Chlorobenzene-d5	117	9.003	9.010	(1.000)	193458	50.0000		
$	50 Bromofluorobenzene	95	10.362	10.357	(1.151)	58203	32.3597	21	

vm 8/10/07

QC Flag Legend

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

Data File: V5H9478.D
Report Date: 10-Aug-2007 11:53

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9478.D
Lab Smp Id: F0981-10C Client Smp ID: MW-BR10
Inj Date : 03-AUG-2007 10:06
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-10C,,31518
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 03-AUG-2007 02:33 Cal File: V5H9468.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	9.200	Weight of sample extracted (g)
M	16.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 42 Chlorobenzene-d5	9.004	537674	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclotetrasiloxane, octamethyl-				CAS #: 556-67-2			
10.630	124021	11.5330934	7	86	NIST2002.L	115615	42

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9478.D

Date : 03-AUG-2007 10:06

Client ID: MW-BR10

Instrument: V5.i

Sample Info: 5G,F0981-10C,,31518

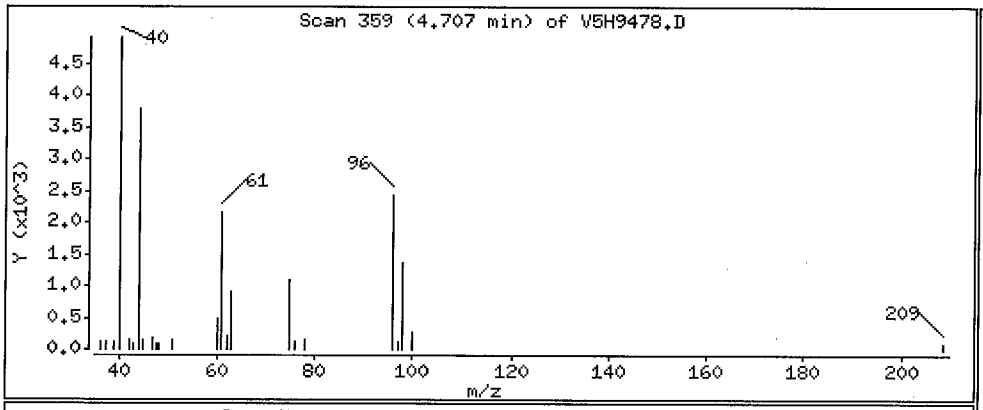
Operator: HZA SRC: LIMS

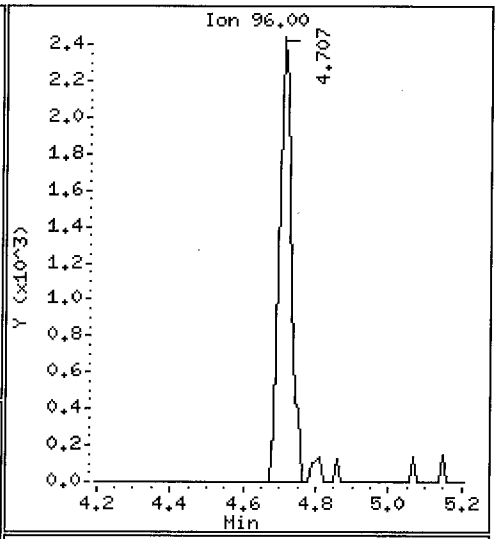
Column phase: DB-624

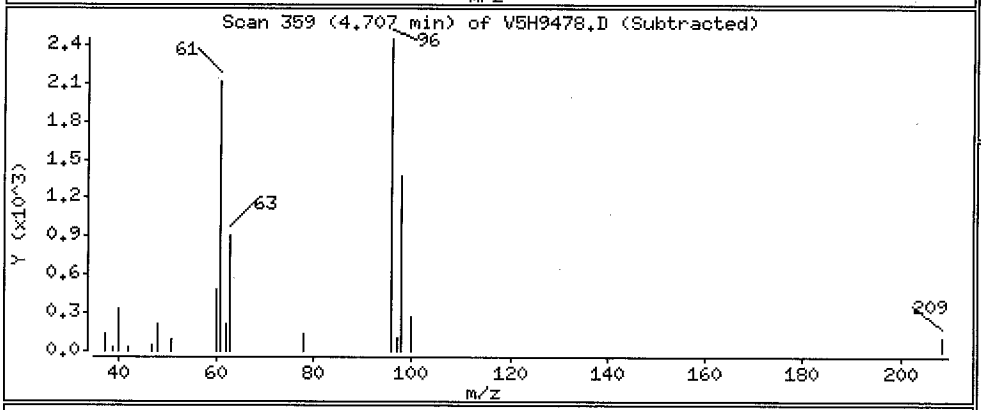
Column diameter: 0.25

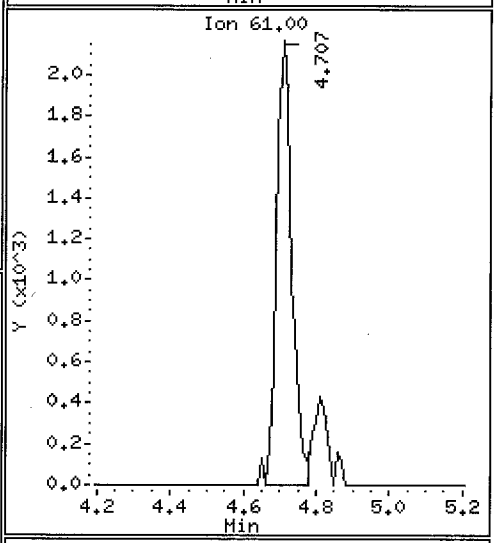
17 cis-1,2-Dichloroethene

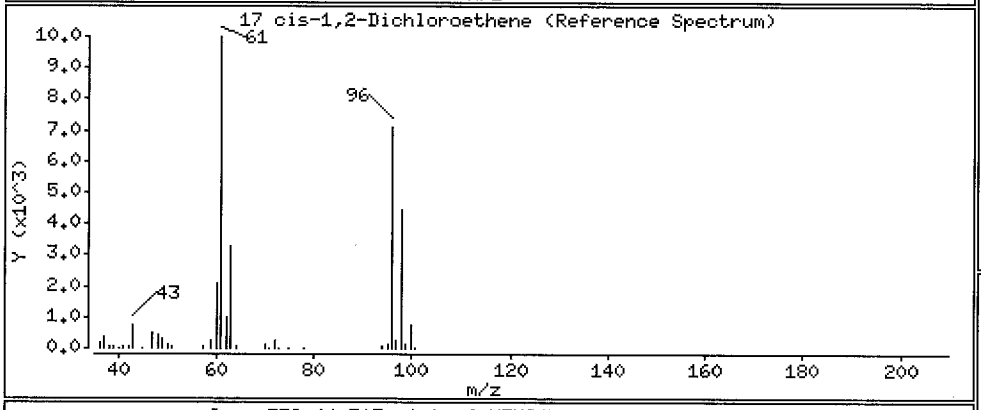
Concentration: 2 ug/Kg

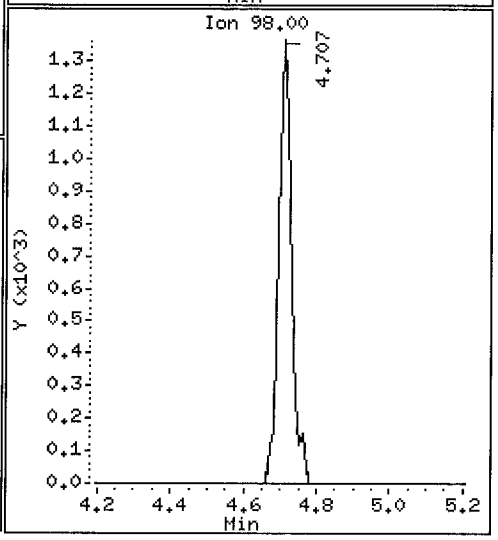


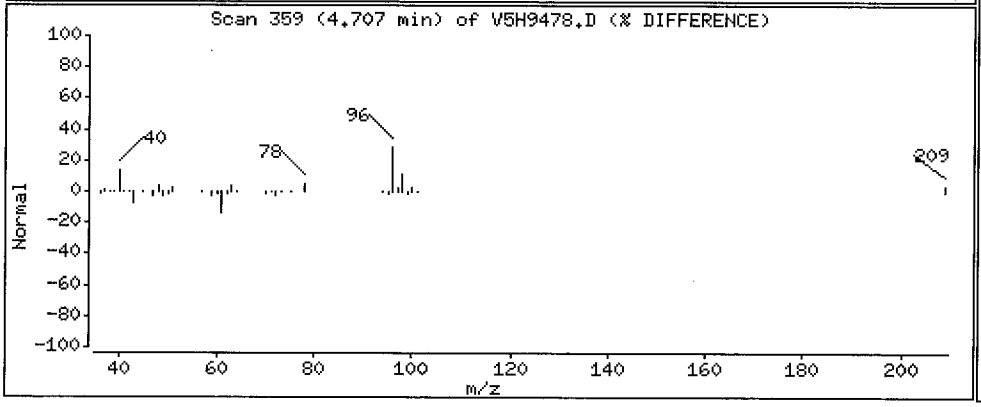












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Date : 03-AUG-2007 10:06

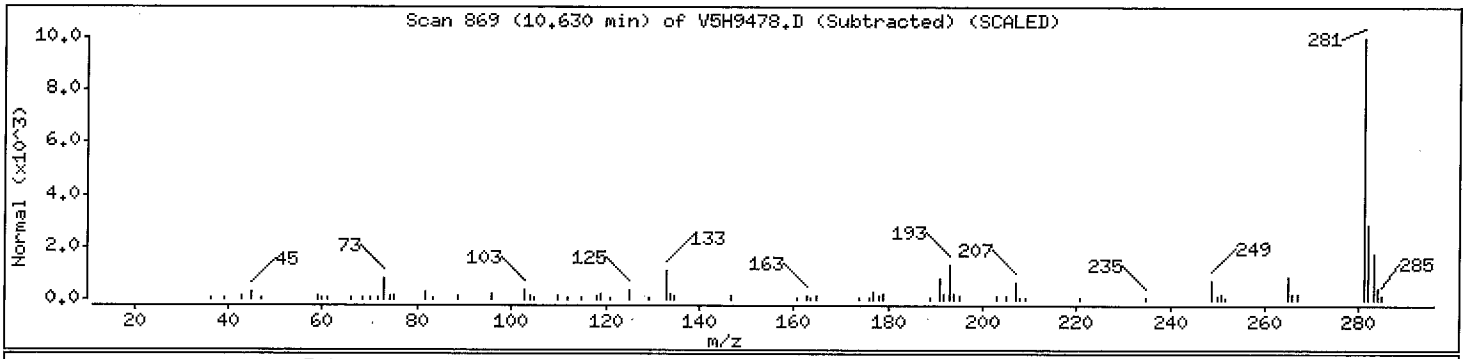
Client ID: MW-BR10 Instrument: V5.i

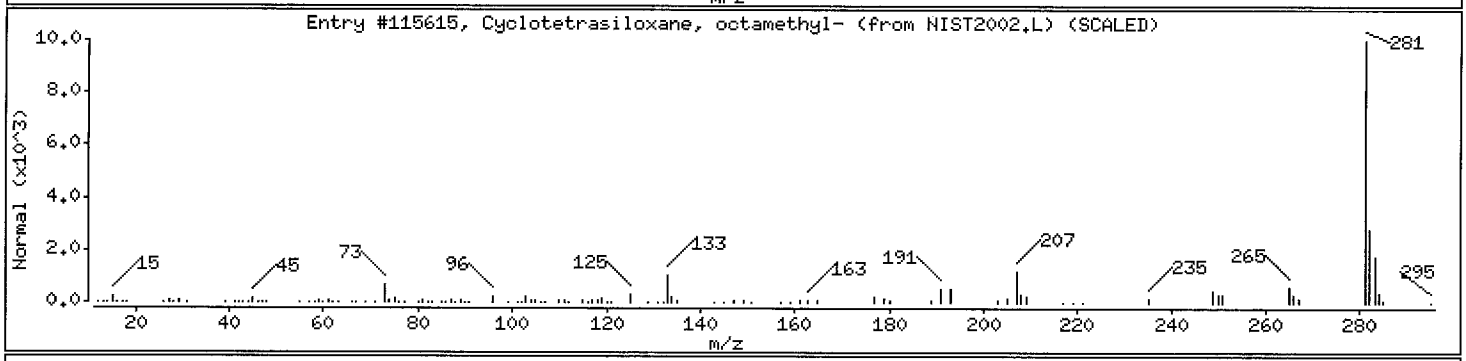
Sample Info: 5G,F0981-10C,,31518

Operator: HZA SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST2002.L	115615	86	C8H24O4Si4	296





1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11C

Sample wt/vol: 8.4 (g/mL) G Lab File ID: V5H9472

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 14 Date Analyzed: 08/03/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	7	U
74-87-3	Chloromethane	7	U
75-01-4	Vinyl Chloride	7	U
74-83-9	Bromomethane	7	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
75-35-4	1,1-Dichloroethene	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
67-64-1	Acetone	7	U
75-15-0	Carbon Disulfide	7	U
79-20-9	Methyl Acetate	7	U
75-09-2	Methylene Chloride	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
1634-04-4	Methyl tert-Butyl Ether	7	U
75-34-3	1,1-Dichloroethane	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
78-93-3	2-Butanone	7	U
67-66-3	Chloroform	7	U
71-55-6	1,1,1-Trichloroethane	7	U
110-82-7	Cyclohexane	7	U
56-23-5	Carbon Tetrachloride	7	U
71-43-2	Benzene	7	U
107-06-2	1,2-Dichloroethane	7	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11C

Sample wt/vol: 8.4 (g/mL) G Lab File ID: V5H9472

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 14 Date Analyzed: 08/03/07

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/KG	Q
79-01-6	Trichloroethene	7	U
108-87-2	Methylcyclohexane	7	U
78-87-5	1,2-Dichloropropane	7	U
75-27-4	Bromodichloromethane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
108-10-1	4-Methyl-2-Pentanone	7	U
108-88-3	Toluene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
127-18-4	Tetrachloroethene	7	U
591-78-6	2-Hexanone	7	U
124-48-1	Dibromochloromethane	7	U
106-93-4	1,2-Dibromoethane	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
1330-20-7	Xylene (Total)	7	U
100-42-5	Styrene	7	U
75-25-2	Bromoform	7	U
98-82-8	Isopropylbenzene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
95-50-1	1,2-Dichlorobenzene	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U

1F

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11C

Sample wt/vol: 8.4 (g/mL) G Lab File ID: V5H9472

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 14 Date Analyzed: 08/03/07

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

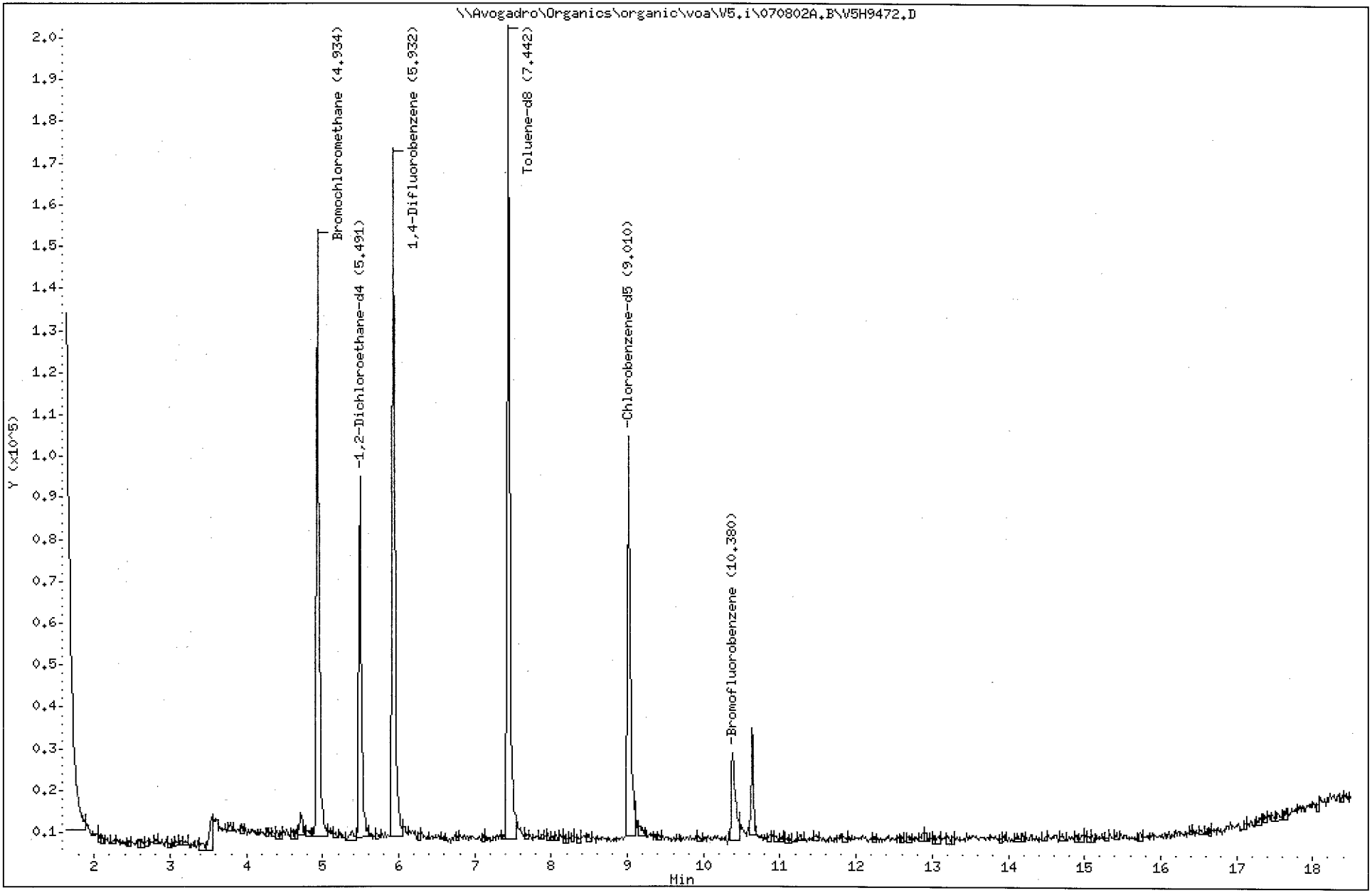
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	556-67-2	CYCLOTETRASILOXANE, OCTAMETH	10.64	8	NJ
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
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26.					
27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9472.D
Date : 03-AUG-2007 04:33
Client ID: MW-BR12
Instrument: V5.i
Sample Info: 5G,F0981-11C,,31518
Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: V5H9472.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9472.D
Lab Smp Id: F0981-11C Client Smp ID: MW-BR12
Inj Date : 03-AUG-2007 04:33
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-11C,,31518
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 03-AUG-2007 02:33 Cal File: V5H9468.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	8.400	Weight of sample extracted (g)
M	14.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.933	4.933	(1.000)	48521	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.491	5.491	(1.113)	62823	47.9555	33
* 26 1,4-Difluorobenzene	114	5.932	5.921	(1.000)	185932	50.0000	
$ 33 Toluene-d8	98	7.442	7.430	(0.825)	182136	81.6529	57(R)
* 42 Chlorobenzene-d5	117	9.021	9.010	(1.000)	95274	50.0000	
$ 50 Bromofluorobenzene	95	10.380	10.357	(1.151)	21349	24.1018	17(R)

lm 8/8/07

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

R

Data File: V5H9472.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9472.D
Lab Smp Id: F0981-11C Client Smp ID: MW-BR12
Inj Date : 03-AUG-2007 04:33
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-11C,,31518
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 03-AUG-2007 02:33 Cal File: V5H9468.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	8.400	Weight of sample extracted (g)
M	14.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 42 Chlorobenzene-d5	9.022	252218	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclotetrasiloxane, octamethyl-			CAS #: 556-67-2				
10.636	58583	11.6134600	8	87	NIST2002.L	115617	42

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9472.D

Date : 03-AUG-2007 04:33

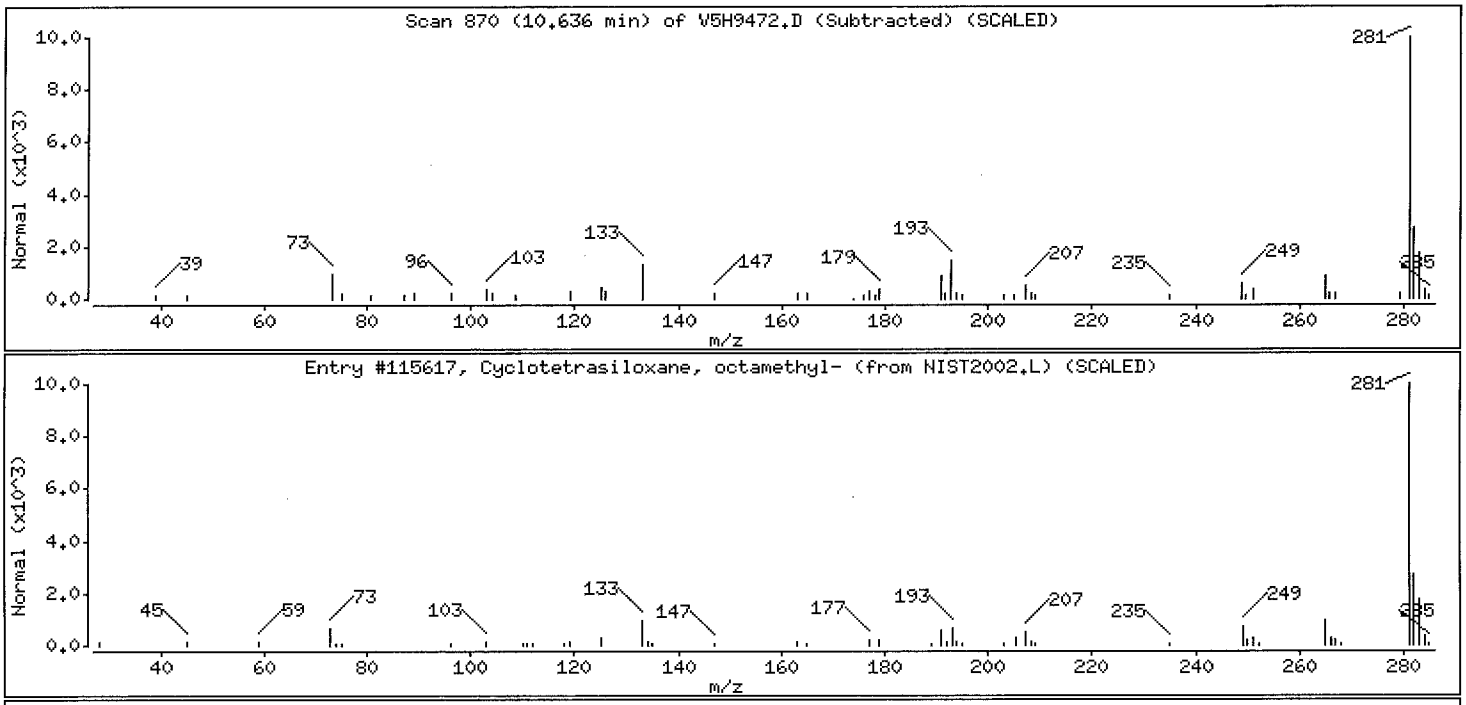
Client ID: MW-BR12 Instrument: V5.i

Sample Info: 5G,F0981-11C,,31518

Operator: HZA SRC: LIMS

Column phase: DB-624 Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclotetrasiloxane, octamethyl-	556-67-2	NIST2002.L	115617	87	C8H24O4Si4	296



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB02W

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9130

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/22/07

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	18	
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	4	J
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.

SB02W

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9130

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/22/07

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB02W

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-01A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9130

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/22/07

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

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

Number TICs found: 0

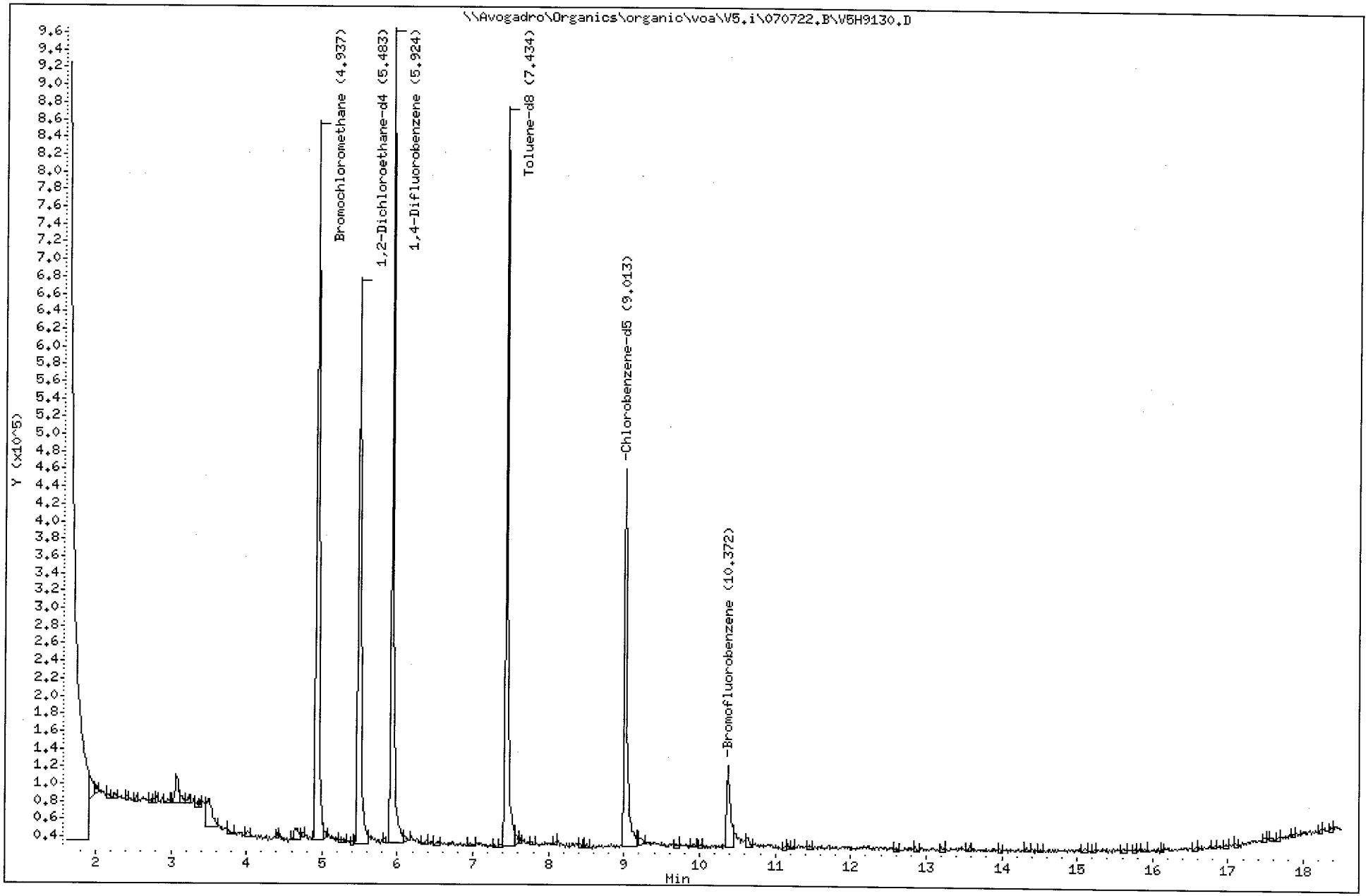
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
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27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9130.D
Date : 22-JUL-2007 18:21
Client ID: SB02W
Sample Info: 5ML,F0981-01A,,30864
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9130.D
Report Date: 08-Aug-2007 14:11

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9130.D
Lab Smp Id: F0981-01A Client Smp ID: SB02W
Inj Date : 22-JUL-2007 18:21
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-01A,,30864
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070722.B\v5clp4.m
Meth Date : 31-Jul-2007 22:29 V5.i Quant Type: ISTD
Cal Date : 22-JUL-2007 14:05 Cal File: V5H9127A.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	9 Acetone	43	3.067	3.068	(0.621)	73430	17.5569	18
	17 2-Butanone	43	4.739	4.717	(0.960)	21069	4.23543	4(a)
*	18 Bromochloromethane	128	4.937	4.937	(1.000)	241890	50.0000	
$	24 1,2-Dichloroethane-d4	65	5.482	5.483	(1.111)	561899	53.5704	54
*	27 1,4-Difluorobenzene	114	5.924	5.924	(1.000)	764310	50.0000	
$	35 Toluene-d8	98	7.433	7.434	(0.825)	652094	76.4710	76(R)
*	43 Chlorobenzene-d5	117	9.013	9.002	(1.000)	332985	50.0000	
$	51 Bromofluorobenzene	95	10.371	10.361	(1.151)	69848	21.8322	22(R)

lm 8/8/07

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9130.D
Report Date: 08-Aug-2007 14:11

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9130.D
Lab Smp Id: F0981-01A Client Smp ID: SB02W
Inj Date : 22-JUL-2007 18:21
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-01A,,30864
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070722.B\v5clp4.m
Meth Date : 31-Jul-2007 22:29 V5.i Quant Type: ISTD
Cal Date : 22-JUL-2007 14:05 Cal File: V5H9127A.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9130.D

Date : 22-JUL-2007 18:21

Client ID: SB02W

Instrument: V5.i

Sample Info: 5ML,F0981-01A,,30864

Purge Volume: 5.0

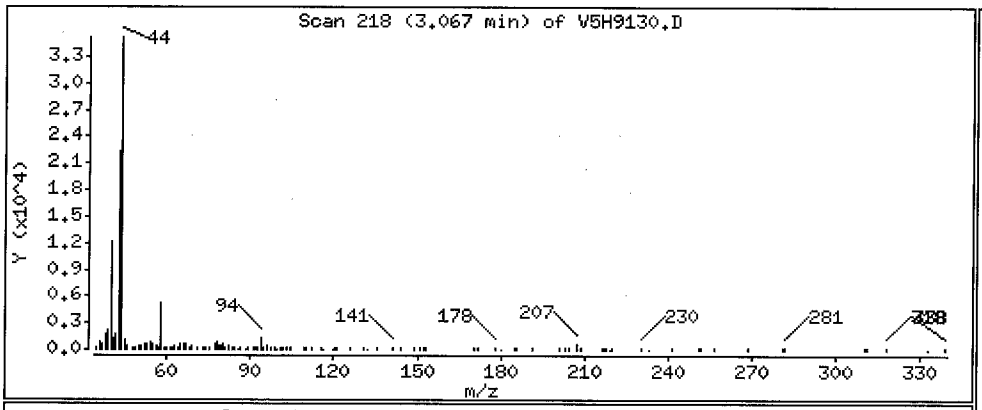
Operator: HZA SRC: LIMS

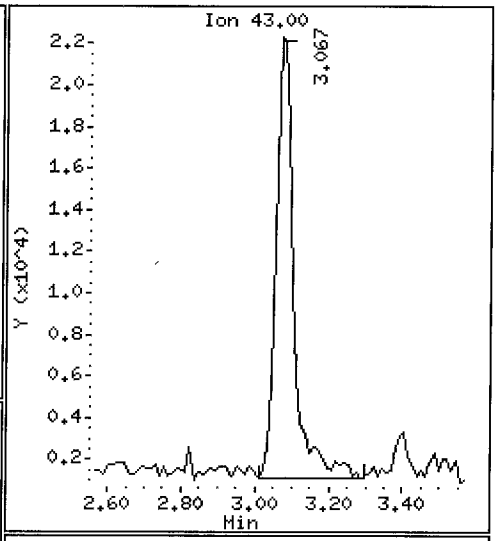
Column phase: DB-624

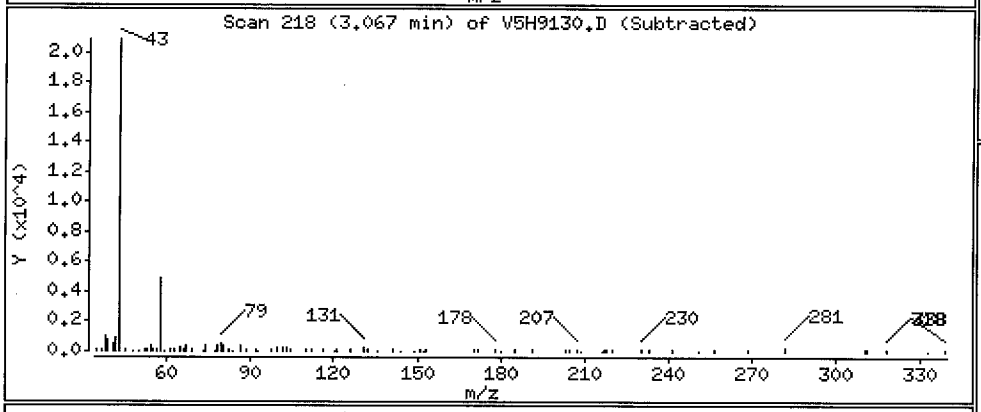
Column diameter: 0.25

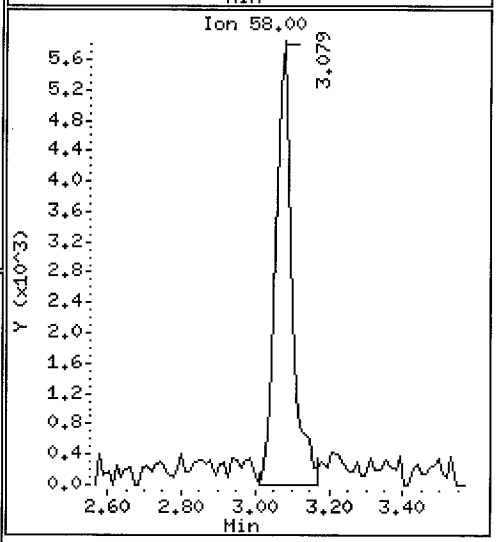
9 Acetone

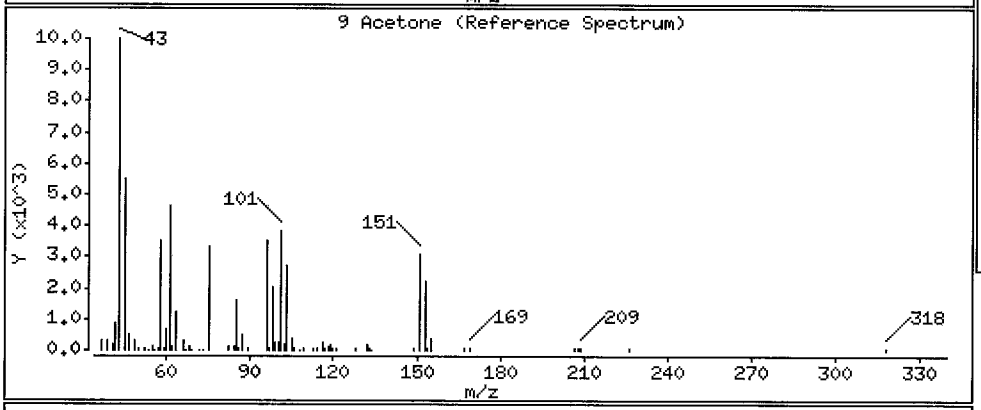
Concentration: 18 ug/L

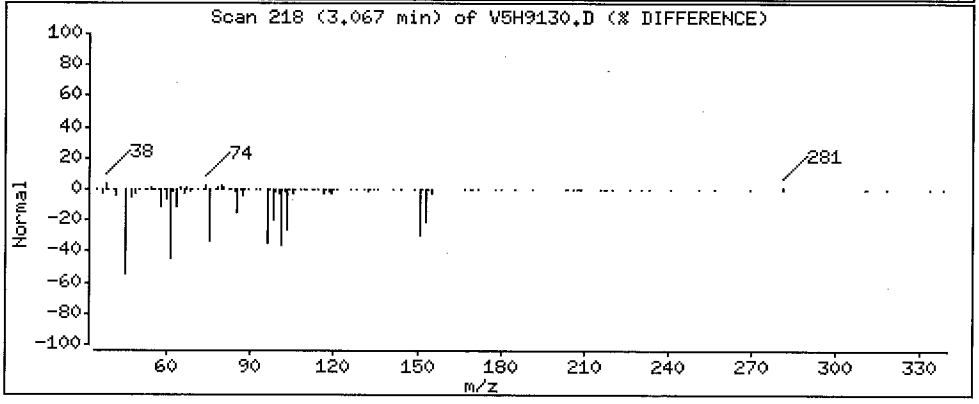












Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9130.D

Date : 22-JUL-2007 18:21

Client ID: SB02W

Instrument: V5.i

Sample Info: 5ML,F0981-01A,,30864

Purge Volume: 5.0

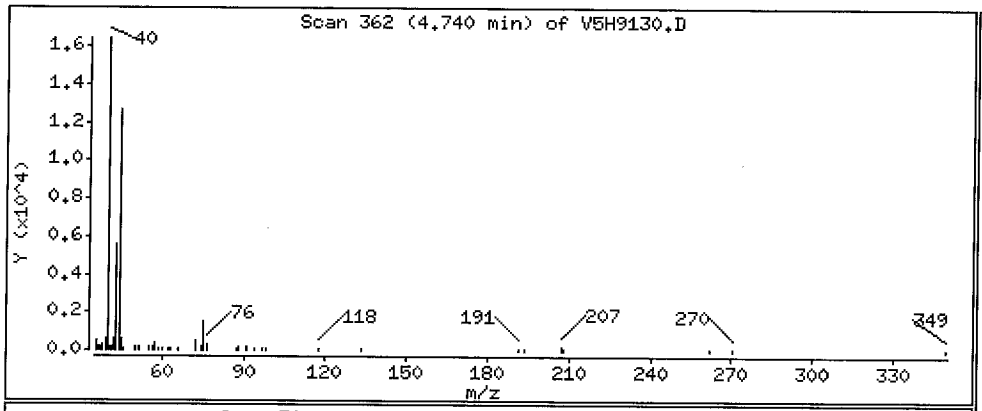
Operator: HZA SRC: LIMS

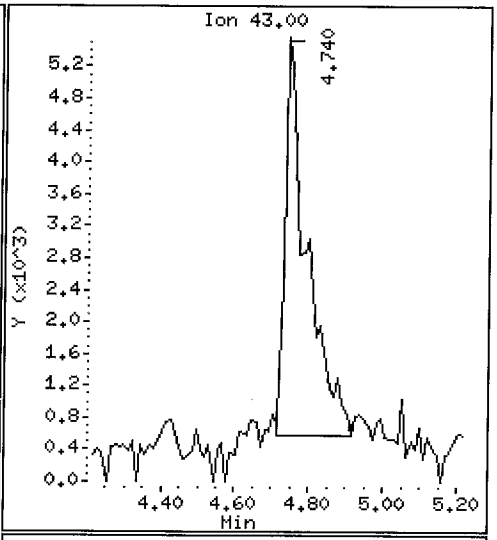
Column phase: DB-624

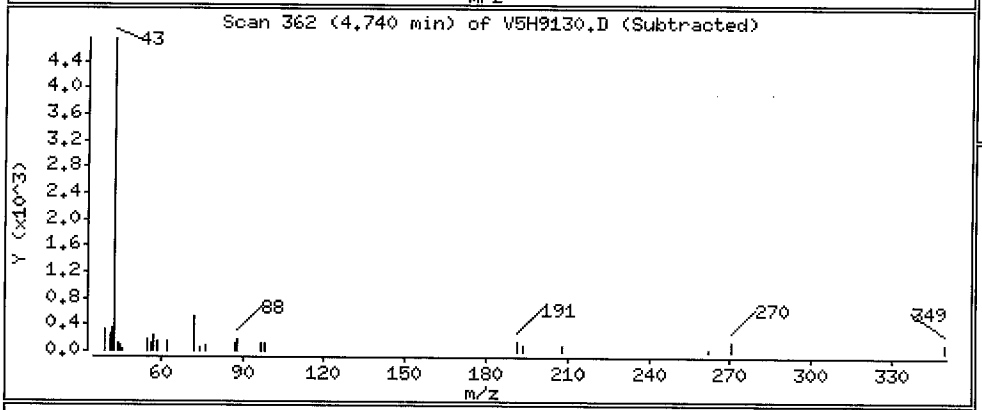
Column diameter: 0.25

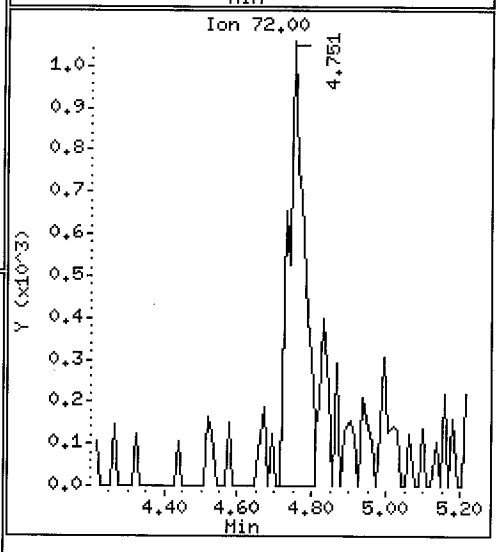
17 2-Butanone

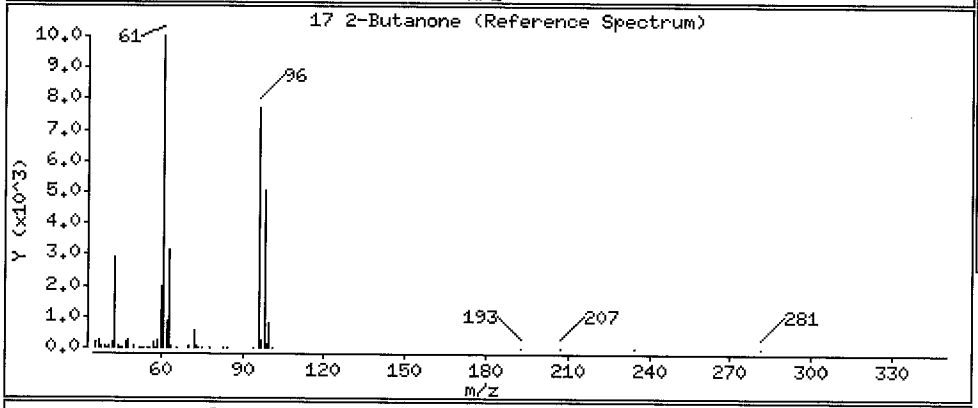
Concentration: 4 ug/L

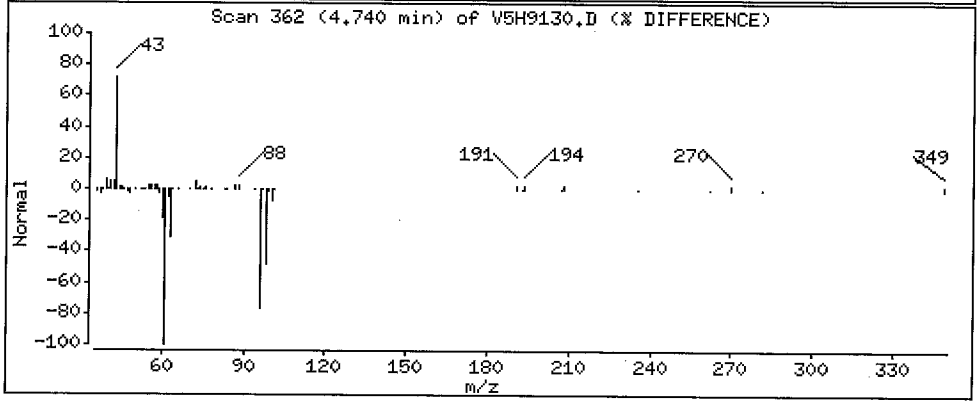












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB02WRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-01ARE

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9133A

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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	12	
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.

SB02WRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-01ARE

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9133A

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB02WRE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-01ARE

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9133A

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/23/07

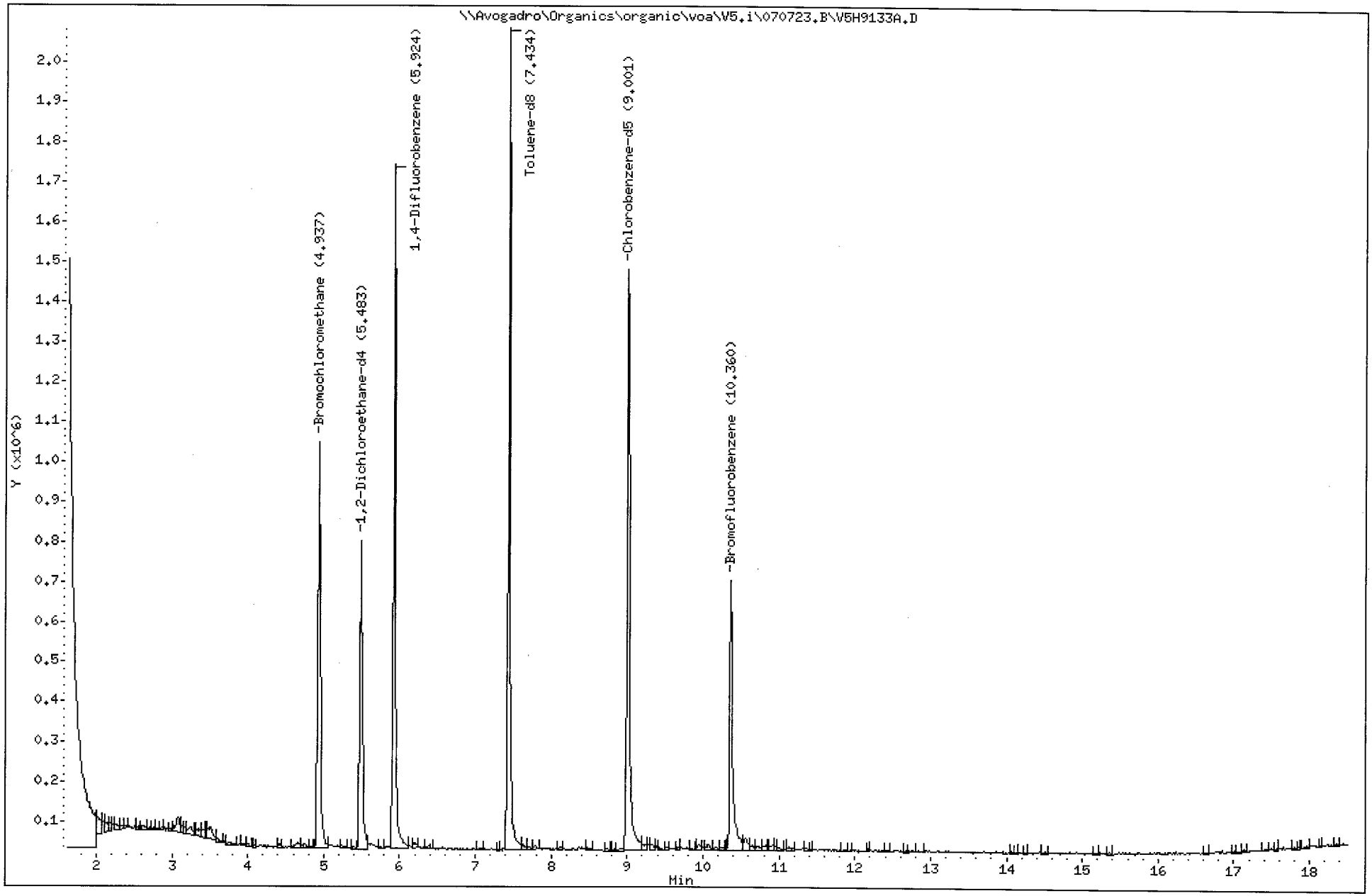
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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.					
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9.					
10.					
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27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9133A.D
Date : 23-JUL-2007 14:16
Client ID: SB02WRE
Instrument: V5.i
Sample Info: 5ML,F0981-01ARE,,31298
Purge Volume: 5.0
Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: V5H9133A.D
Report Date: 08-Aug-2007 14:19

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9133A.D
Lab Smp Id: F0981-01ARE Client Smp ID: SB02WRE
Inj Date : 23-JUL-2007 14:16
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-01ARE,,31298
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:22 sbotvin Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
	9 Acetone	43	3.078	3.072	(0.624)	55331	11.8673	12
*	18 Bromochloromethane	128	4.936	4.931	(1.000)	294829	50.0000	
$	24 1,2-Dichloroethane-d4	65	5.482	5.488	(1.111)	663573	51.7168	52
*	27 1,4-Difluorobenzene	114	5.924	5.918	(1.000)	1362548	50.0000	
$	35 Toluene-d8	98	7.433	7.427	(0.826)	1422547	57.1811	57(R)
*	43 Chlorobenzene-d5	117	9.001	9.007	(1.000)	1006224	50.0000	
$	51 Bromofluorobenzene	95	10.360	10.354	(1.151)	337438	37.4093	37(R)

lm 8/9/07

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: V5H9133A.D
Report Date: 08-Aug-2007 14:19

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9133A.D
Lab Smp Id: F0981-01ARE Client Smp ID: SB02WRE
Inj Date : 23-JUL-2007 14:16
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-01ARE,,31298
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:22 sbotvin Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9133A.D

Date : 23-JUL-2007 14:16

Client ID: SB02WRE

Instrument: V5.i

Sample Info: 5ML,F0981-01ARE,,31298

Purge Volume: 5.0

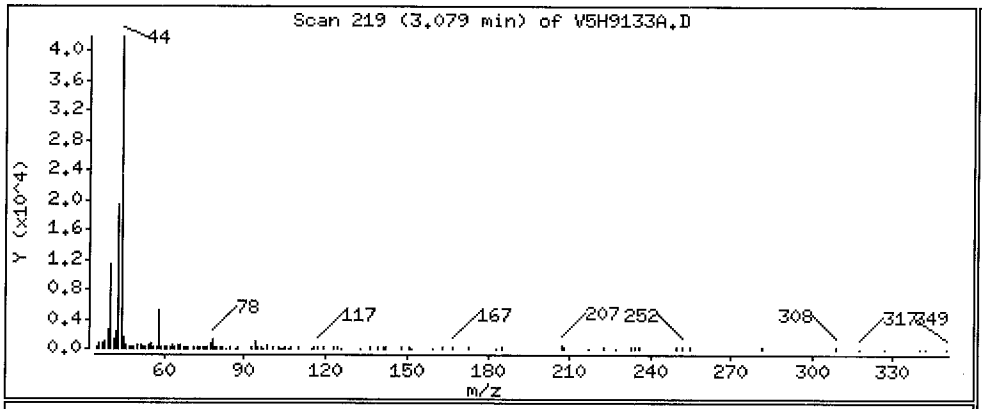
Operator: HZA SRC: LIMS

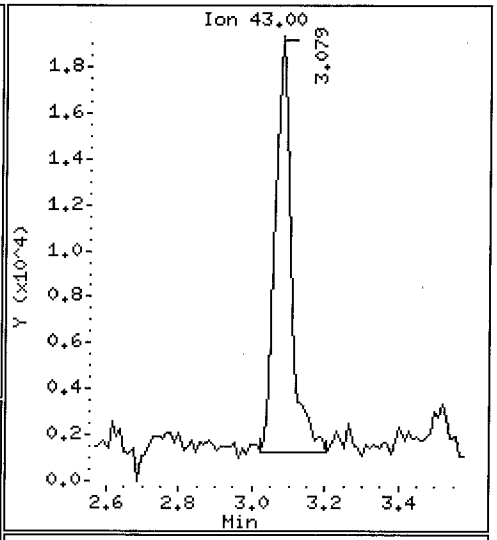
Column phase: DB-624

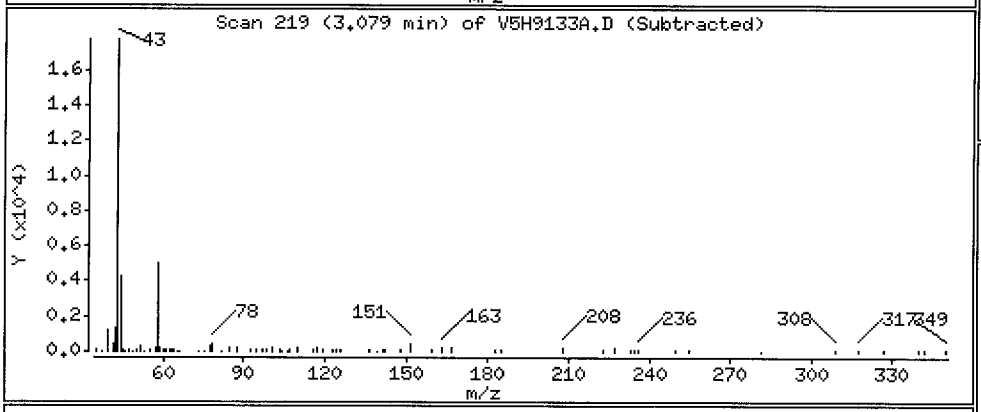
Column diameter: 0.25

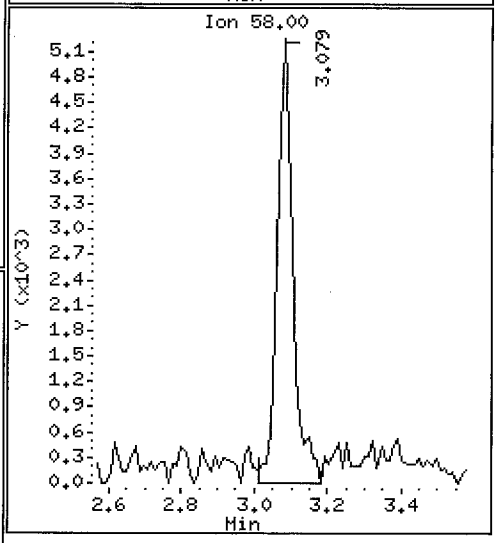
9 Acetone

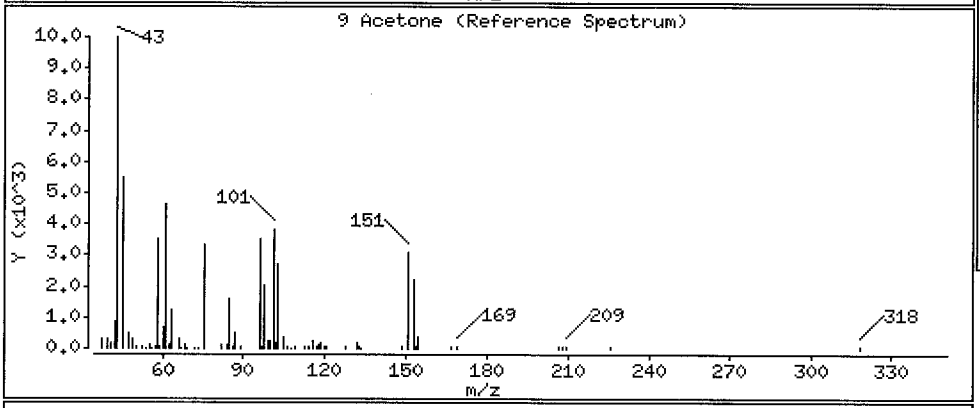
Concentration: 12 ug/L

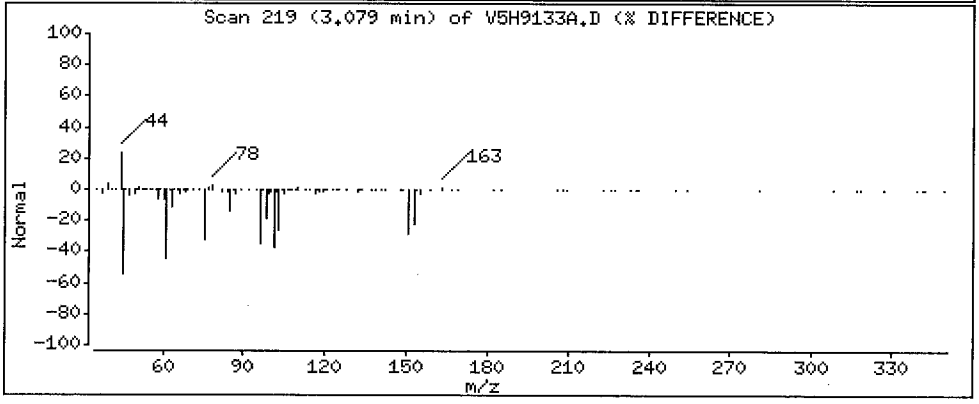












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB06

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03C

Sample wt/vol: 7.7 (g/mL) G Lab File ID: V5H9078

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 13 Date Analyzed: 07/20/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	7	U
74-87-3	Chloromethane	7	U
75-01-4	Vinyl Chloride	7	U
74-83-9	Bromomethane	7	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
75-35-4	1,1-Dichloroethene	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
67-64-1	Acetone	10	
75-15-0	Carbon Disulfide	7	U
79-20-9	Methyl Acetate	7	U
75-09-2	Methylene Chloride	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
1634-04-4	Methyl tert-Butyl Ether	7	U
75-34-3	1,1-Dichloroethane	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
78-93-3	2-Butanone	7	U
67-66-3	Chloroform	7	U
71-55-6	1,1,1-Trichloroethane	7	U
110-82-7	Cyclohexane	7	U
56-23-5	Carbon Tetrachloride	7	U
71-43-2	Benzene	7	U
107-06-2	1,2-Dichloroethane	7	U

1B
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SB06

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03C

Sample wt/vol: 7.7 (g/mL) G Lab File ID: V5H9078

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 13 Date Analyzed: 07/20/07

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/KG	Q
79-01-6	Trichloroethene	7	U
108-87-2	Methylcyclohexane	7	U
78-87-5	1,2-Dichloropropane	7	U
75-27-4	Bromodichloromethane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
108-10-1	4-Methyl-2-Pentanone	7	U
108-88-3	Toluene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
127-18-4	Tetrachloroethene	7	U
591-78-6	2-Hexanone	7	U
124-48-1	Dibromochloromethane	7	U
106-93-4	1,2-Dibromoethane	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
1330-20-7	Xylene (Total)	7	U
100-42-5	Styrene	7	U
75-25-2	Bromoform	7	U
98-82-8	Isopropylbenzene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
95-50-1	1,2-Dichlorobenzene	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB06

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03C

Sample wt/vol: 7.7 (g/mL) G Lab File ID: V5H9078

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 13 Date Analyzed: 07/20/07

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/Kg

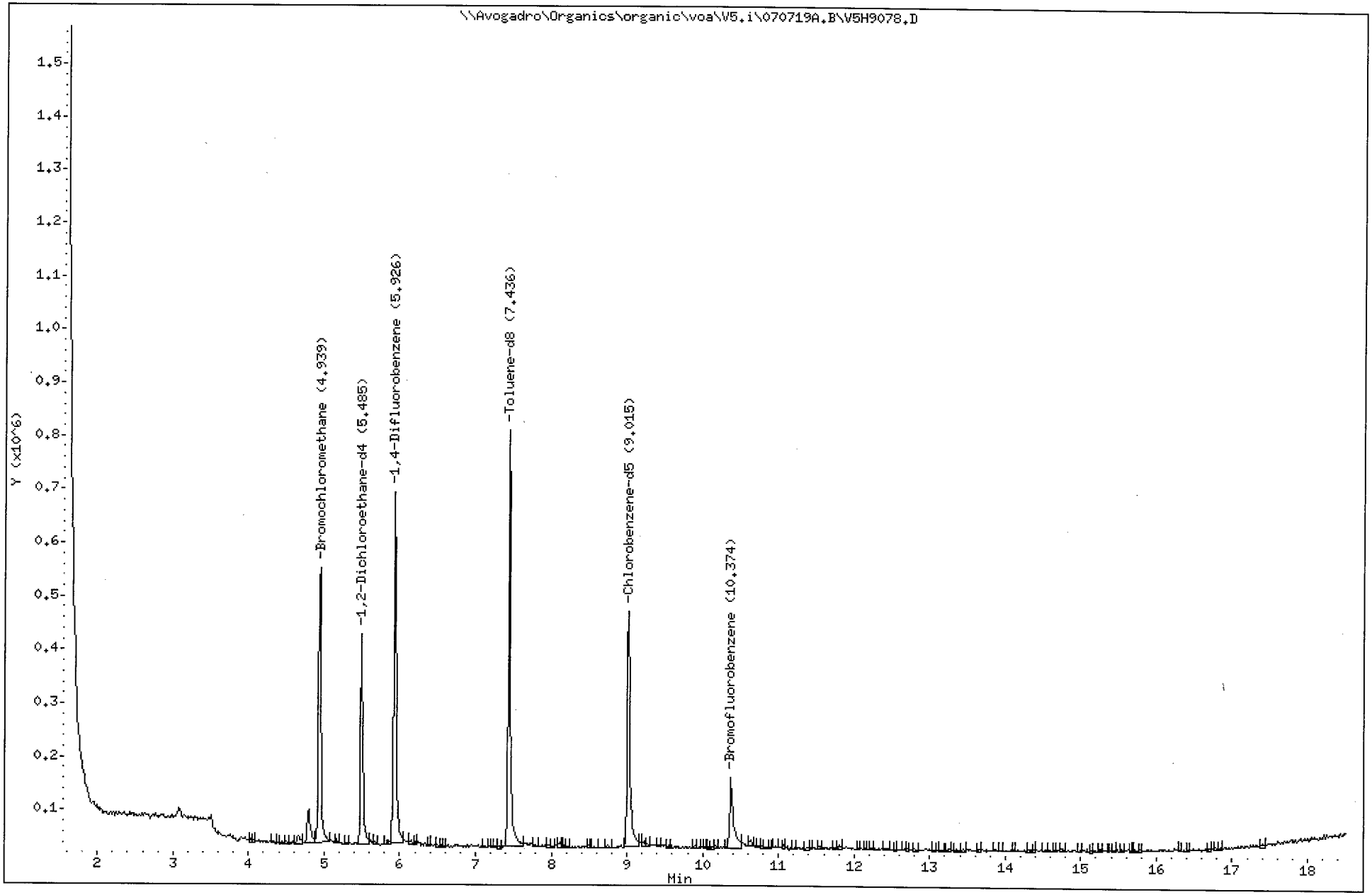
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
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22.					
23.					
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26.					
27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9078.D
Date : 20-JUL-2007 01:02
Client ID: SB06
Sample Info: 5G,F0981-03C,,31278

Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25



Data File: V5H9078.D
Report Date: 08-Aug-2007 14:33

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9078.D
Lab Smp Id: F0981-03C Client Smp ID: SB06
Inj Date : 20-JUL-2007 01:02
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-03C,,31278
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\v5clp4h.m
Meth Date : 25-Jul-2007 16:04 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 22:32 Cal File: V5H9073.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	7.700	Weight of sample extracted (g)
M	13.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
9 Acetone	43	3.081	3.078	(0.624)	34839	13.0805	10
* 18 Bromochloromethane	128	4.939	4.936	(1.000)	159454	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.485	5.482	(1.111)	344143	48.6059	36
* 26 1,4-Difluorobenzene	114	5.926	5.923	(1.000)	563996	50.0000	
$ 33 Toluene-d8	98	7.436	7.433	(0.825)	604517	80.4832	60(R)
* 42 Chlorobenzene-d5	117	9.015	9.000	(1.000)	355762	50.0000	
$ 50 Bromofluorobenzene	95	10.374	10.359	(1.151)	87819	27.3327	20(R)

lm 8/8/07

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: V5H9078.D
Report Date: 08-Aug-2007 14:33

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9078.D
Lab Smp Id: F0981-03C Client Smp ID: SB06
Inj Date : 20-JUL-2007 01:02
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-03C,,31278
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\v5clp4h.m
Meth Date : 25-Jul-2007 16:04 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 22:32 Cal File: V5H9073.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9078.D

Date : 20-JUL-2007 01:02

Client ID: SB06

Instrument: V5.i

Sample Info: 5G,F0981-03C,,31278

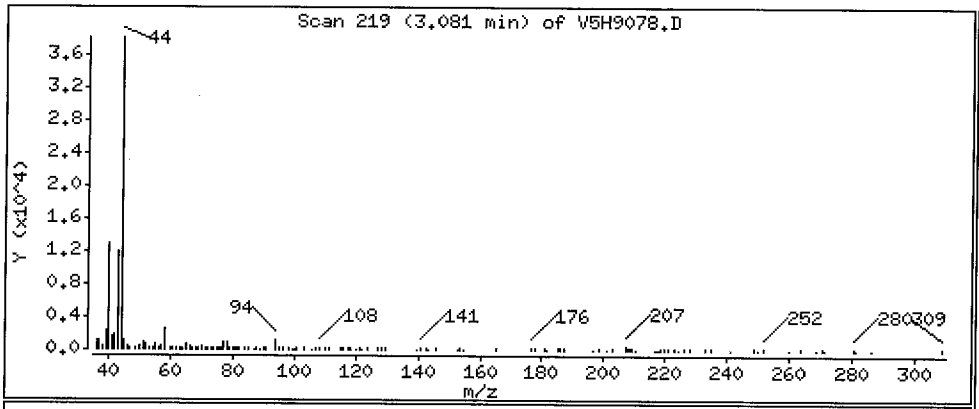
Operator: HZA SRC: LIMS

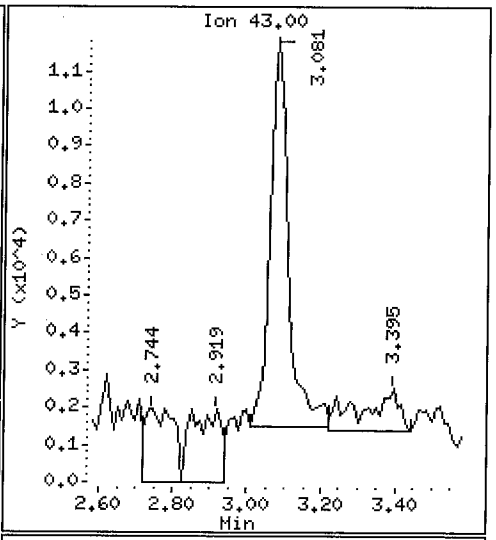
Column phase: DB-624

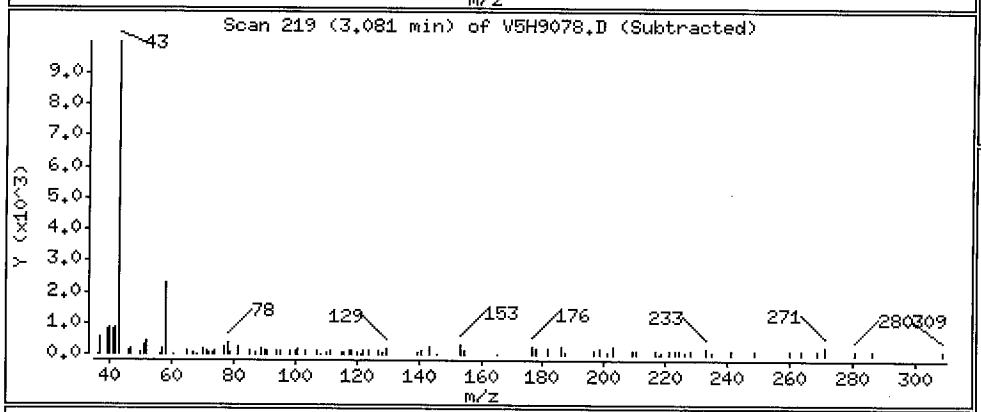
Column diameter: 0.25

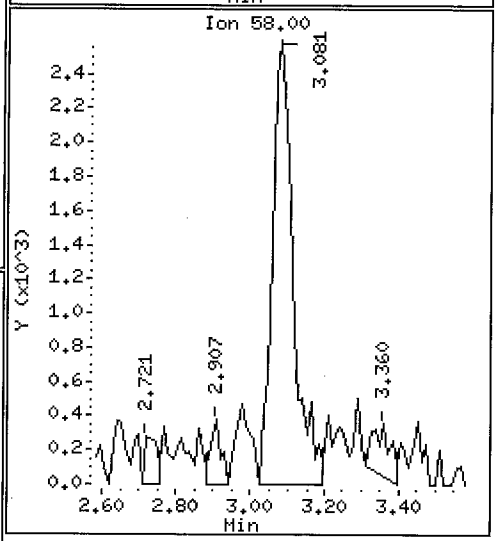
9 Acetone

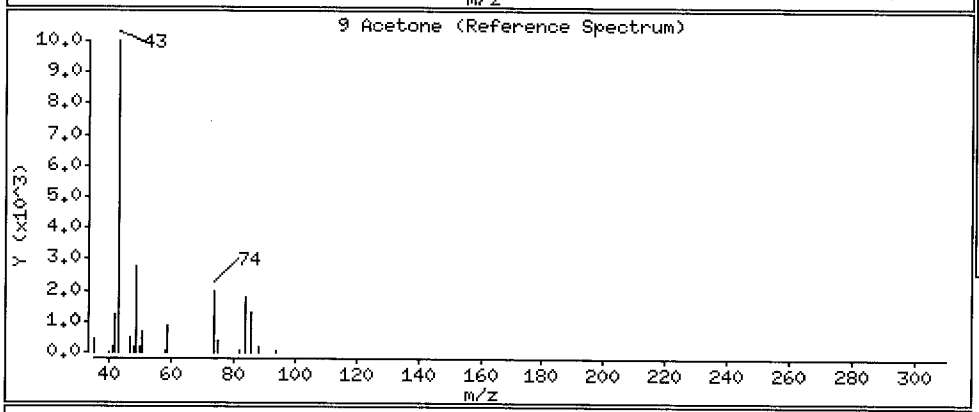
Concentration: 10 ug/Kg

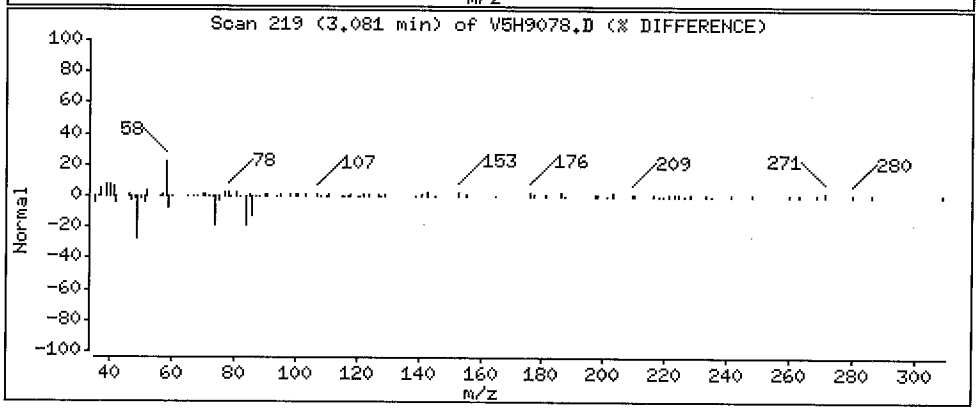












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB06RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03CRE

Sample wt/vol: 8.2 (g/mL) G Lab File ID: V5H9118

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 13 Date Analyzed: 07/20/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	7	U
74-87-3	Chloromethane	7	U
75-01-4	Vinyl Chloride	7	U
74-83-9	Bromomethane	7	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
75-35-4	1,1-Dichloroethene	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
67-64-1	Acetone	7	J
75-15-0	Carbon Disulfide	7	U
79-20-9	Methyl Acetate	7	U
75-09-2	Methylene Chloride	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
1634-04-4	Methyl tert-Butyl Ether	7	U
75-34-3	1,1-Dichloroethane	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
78-93-3	2-Butanone	7	U
67-66-3	Chloroform	7	U
71-55-6	1,1,1-Trichloroethane	7	U
110-82-7	Cyclohexane	7	U
56-23-5	Carbon Tetrachloride	7	U
71-43-2	Benzene	7	U
107-06-2	1,2-Dichloroethane	7	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB06RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03CRE

Sample wt/vol: 8.2 (g/mL) G Lab File ID: V5H9118

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 13 Date Analyzed: 07/20/07

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/KG	Q
79-01-6	Trichloroethene	7	U
108-87-2	Methylcyclohexane	7	U
78-87-5	1,2-Dichloropropane	7	U
75-27-4	Bromodichloromethane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
108-10-1	4-Methyl-2-Pentanone	7	U
108-88-3	Toluene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
127-18-4	Tetrachloroethene	7	U
591-78-6	2-Hexanone	7	U
124-48-1	Dibromochloromethane	7	U
106-93-4	1,2-Dibromoethane	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
1330-20-7	Xylene (Total)	7	U
100-42-5	Styrene	7	U
75-25-2	Bromoform	7	U
98-82-8	Isopropylbenzene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
95-50-1	1,2-Dichlorobenzene	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U

01234

1F

EPA SAMPLE NO.

SB06RE

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03CRE

Sample wt/vol: 8.2 (g/mL) G Lab File ID: V5H9118

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 13 Date Analyzed: 07/20/07

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/Kg

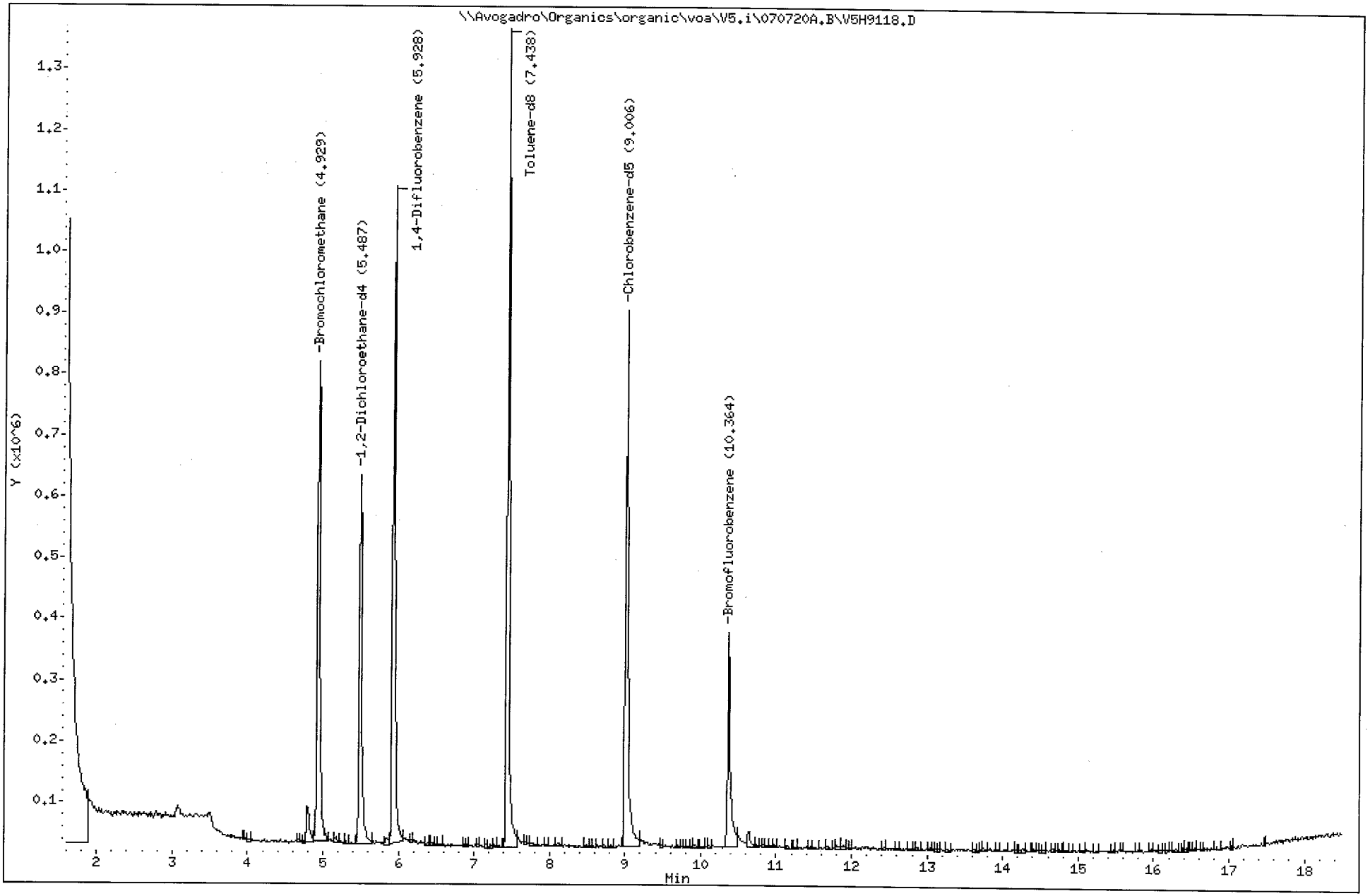
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
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9.					
10.					
11.					
12.					
13.					
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27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9118.D
Date : 20-JUL-2007 21:55
Client ID: SB06RE
Sample Info: 5ML,F0981-03CRE,,31296

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



9279

Data File: V5H9118.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9118.D
Lab Smp Id: F0981-03CRE Client Smp ID: SB06RE
Inj Date : 20-JUL-2007 21:55
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-03CRE,,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	8.200	Weight of sample extracted (g)
M	13.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.082	3.069	(0.625)	37182	9.35937	7(a)
*	18 Bromochloromethane	128	4.929	4.927	(1.000)	240570	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.486	5.485	(1.113)	498794	44.2550	31
*	26 1,4-Difluorobenzene	114	5.928	5.926	(1.000)	899286	50.0000	
$	33 Toluene-d8	98	7.437	7.436	(0.826)	964238	71.2388	50(R)
*	42 Chlorobenzene-d5	117	9.005	9.003	(1.000)	631543	50.0000	
$	50 Bromofluorobenzene	95	10.364	10.362	(1.151)	197737	35.4728	25

IM 8/8/07

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: V5H9118.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9118.D
Lab Smp Id: F0981-03CRE Client Smp ID: SB06RE
Inj Date : 20-JUL-2007 21:55
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-03CRE,,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9118.D

Date : 20-JUL-2007 21:55

Client ID: SB06RE

Instrument: V5.i

Sample Info: 5ML,F0981-03CRE,,31296

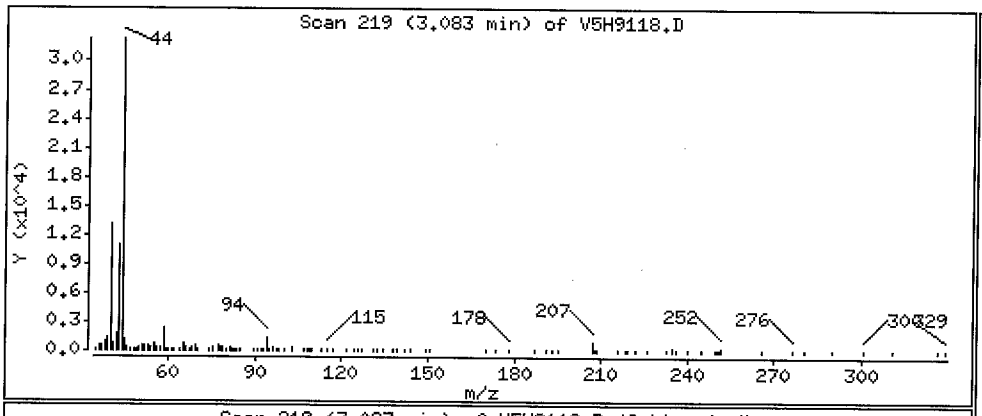
Operator: HZA SRC: LIMS

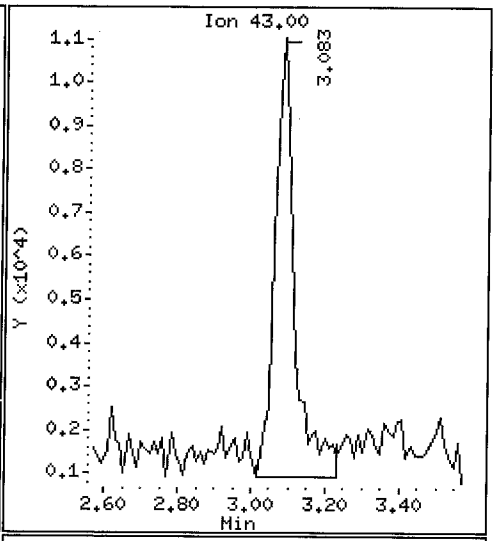
Column phase: DB-624

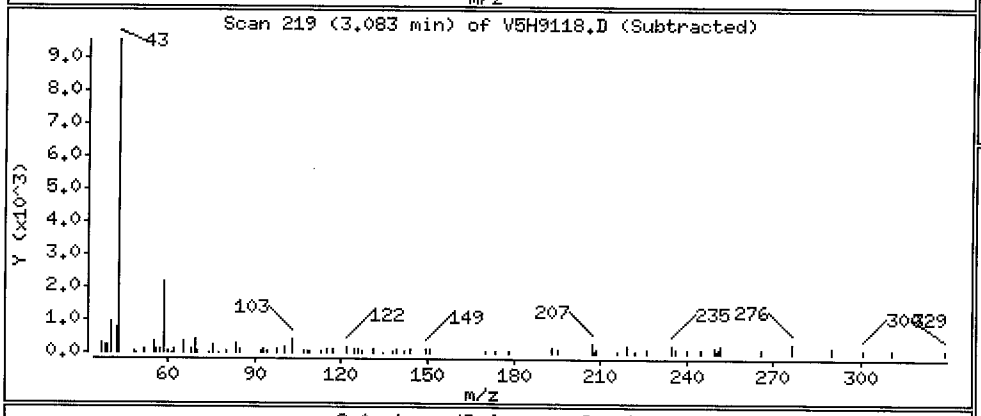
Column diameter: 0.25

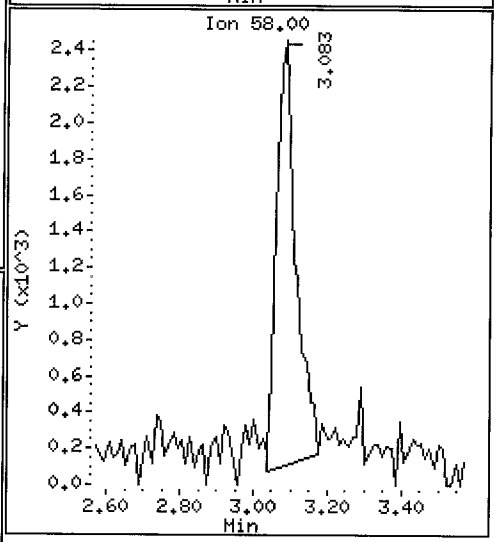
9 Acetone

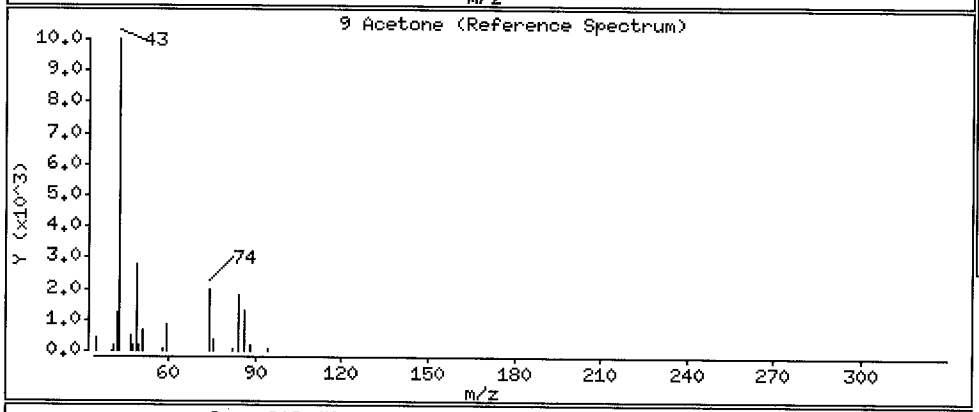
Concentration: 7 ug/Kg

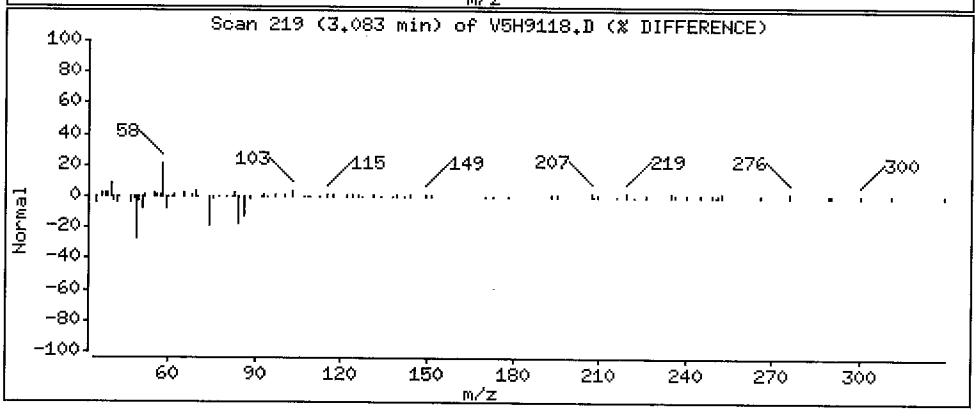












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04C

Sample wt/vol: 8.4 (g/mL) G Lab File ID: V5H9079

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 12 Date Analyzed: 07/20/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	7	U
74-87-3	Chloromethane	7	U
75-01-4	Vinyl Chloride	7	U
74-83-9	Bromomethane	7	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
75-35-4	1,1-Dichloroethene	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
67-64-1	Acetone	7	U
75-15-0	Carbon Disulfide	7	U
79-20-9	Methyl Acetate	7	U
75-09-2	Methylene Chloride	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
1634-04-4	Methyl tert-Butyl Ether	7	U
75-34-3	1,1-Dichloroethane	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
78-93-3	2-Butanone	7	U
67-66-3	Chloroform	7	U
71-55-6	1,1,1-Trichloroethane	7	U
110-82-7	Cyclohexane	7	U
56-23-5	Carbon Tetrachloride	7	U
71-43-2	Benzene	7	U
107-06-2	1,2-Dichloroethane	7	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04C

Sample wt/vol: 8.4 (g/mL) G Lab File ID: V5H9079

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 12 Date Analyzed: 07/20/07

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/KG	Q
79-01-6	Trichloroethene	7	U
108-87-2	Methylcyclohexane	7	U
78-87-5	1,2-Dichloropropane	7	U
75-27-4	Bromodichloromethane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
108-10-1	4-Methyl-2-Pentanone	7	U
108-88-3	Toluene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
127-18-4	Tetrachloroethene	7	U
591-78-6	2-Hexanone	7	U
124-48-1	Dibromochloromethane	7	U
106-93-4	1,2-Dibromoethane	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
1330-20-7	Xylene (Total)	7	U
100-42-5	Styrene	7	U
75-25-2	Bromoform	7	U
98-82-8	Isopropylbenzene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
95-50-1	1,2-Dichlorobenzene	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04C

Sample wt/vol: 8.4 (g/mL) G Lab File ID: V5H9079

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 12 Date Analyzed: 07/20/07

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/Kg

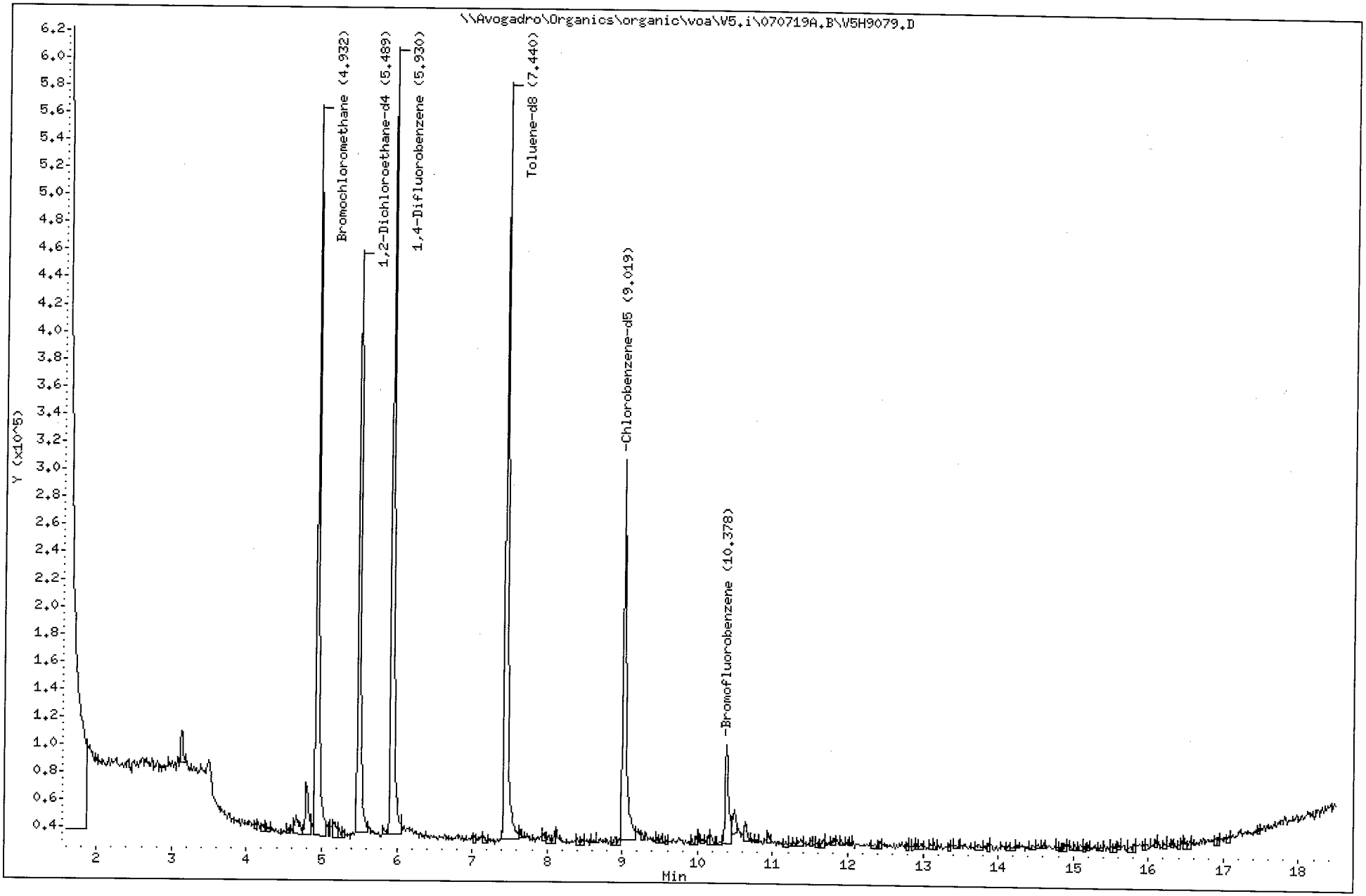
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
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9.					
10.					
11.					
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27.					
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29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9079.D
Date : 20-JUL-2007 01:32
Client ID: SB12
Sample Info: 5G,F0981-04C,,31278

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



CS19

Data File: V5H9079.D
Report Date: 08-Aug-2007 14:33

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9079.D
Lab Smp Id: F0981-04C Client Smp ID: SB12
Inj Date : 20-JUL-2007 01:32
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-04C,,31278
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\v5clp4h.m
Meth Date : 25-Jul-2007 16:04 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 22:32 Cal File: V5H9073.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	8.400	Weight of sample extracted (g)
M	12.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.931	4.936	(1.000)	151458	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.488	5.482	(1.113)	344584	51.2376	35
* 26 1,4-Difluorobenzene	114	5.930	5.923	(1.000)	489063	50.0000	
$ 33 Toluene-d8	98	7.439	7.433	(0.825)	425835	85.7279	58(R)
* 42 Chlorobenzene-d5	117	9.019	9.000	(1.000)	235275	50.0000	
$ 50 Bromofluorobenzene	95	10.378	10.359	(1.151)	46914	22.0790	15(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: V5H9079.D
Report Date: 08-Aug-2007 14:33

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9079.D
Lab Smp Id: F0981-04C Client Smp ID: SB12
Inj Date : 20-JUL-2007 01:32
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-04C,,31278
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\v5clp4h.m
Meth Date : 25-Jul-2007 16:04 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 22:32 Cal File: V5H9073.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04CRE

Sample wt/vol: 9.4 (g/mL) G Lab File ID: V5H9119

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 12 Date Analyzed: 07/20/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	6	U
74-87-3	Chloromethane	6	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	6	U
75-00-3	Chloroethane	6	U
75-69-4	Trichlorofluoromethane	6	U
75-35-4	1,1-Dichloroethene	6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	U
67-64-1	Acetone	4	J
75-15-0	Carbon Disulfide	6	U
79-20-9	Methyl Acetate	6	U
75-09-2	Methylene Chloride	6	U
156-60-5	trans-1,2-Dichloroethene	6	U
1634-04-4	Methyl tert-Butyl Ether	6	U
75-34-3	1,1-Dichloroethane	6	U
156-59-2	cis-1,2-Dichloroethene	6	U
78-93-3	2-Butanone	6	U
67-66-3	Chloroform	6	U
71-55-6	1,1,1-Trichloroethane	6	U
110-82-7	Cyclohexane	6	U
56-23-5	Carbon Tetrachloride	6	U
71-43-2	Benzene	6	U
107-06-2	1,2-Dichloroethane	6	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04CRE

Sample wt/vol: 9.4 (g/mL) G Lab File ID: V5H9119

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 12 Date Analyzed: 07/20/07

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/KG	Q
79-01-6	Trichloroethene	6	U
108-87-2	Methylcyclohexane	6	U
78-87-5	1,2-Dichloropropane	6	U
75-27-4	Bromodichloromethane	6	U
10061-01-5	cis-1,3-Dichloropropene	6	U
108-10-1	4-Methyl-2-Pentanone	6	U
108-88-3	Toluene	6	U
10061-02-6	trans-1,3-Dichloropropene	6	U
79-00-5	1,1,2-Trichloroethane	6	U
127-18-4	Tetrachloroethene	6	U
591-78-6	2-Hexanone	6	U
124-48-1	Dibromochloromethane	6	U
106-93-4	1,2-Dibromoethane	6	U
108-90-7	Chlorobenzene	6	U
100-41-4	Ethylbenzene	6	U
1330-20-7	Xylene (Total)	6	U
100-42-5	Styrene	6	U
75-25-2	Bromoform	6	U
98-82-8	Isopropylbenzene	6	U
79-34-5	1,1,2,2-Tetrachloroethane	6	U
541-73-1	1,3-Dichlorobenzene	6	U
106-46-7	1,4-Dichlorobenzene	6	U
95-50-1	1,2-Dichlorobenzene	6	U
96-12-8	1,2-Dibromo-3-chloropropane	6	U
120-82-1	1,2,4-Trichlorobenzene	6	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB12RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04CRE

Sample wt/vol: 9.4 (g/mL) G Lab File ID: V5H9119

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 12 Date Analyzed: 07/20/07

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

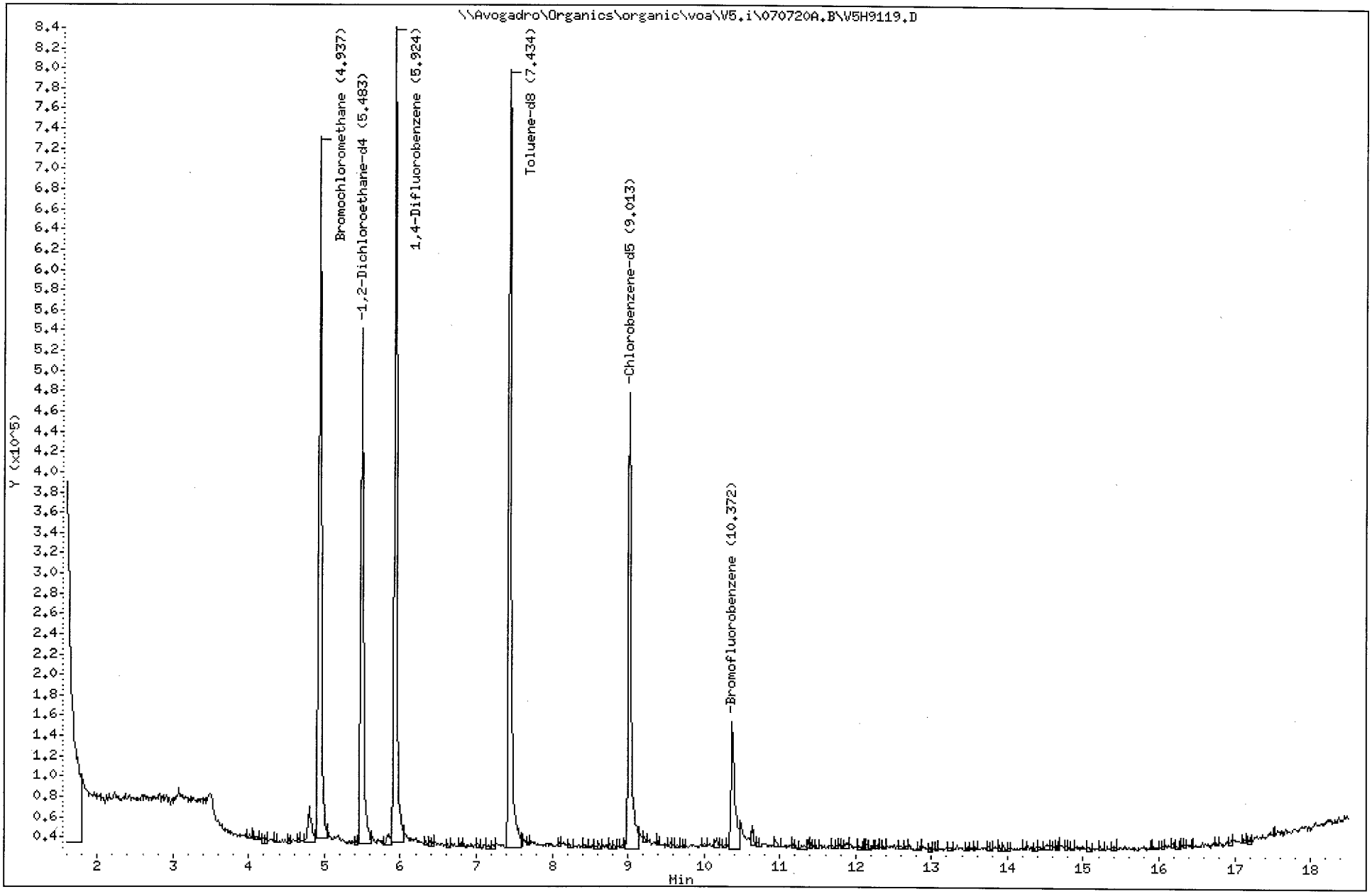
Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
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27.					
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30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9119.D
Date : 20-JUL-2007 22:25
Client ID: SB12RE
Instrument: V5.i
Sample Info: 5ML,F0981-04CRE,,31296
Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



SS79

Data File: V5H9119.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9119.D
Lab Smp Id: F0981-04CRE Client Smp ID: SB12RE
Inj Date : 20-JUL-2007 22:25
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-04CRE,,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	9.400	Weight of sample extracted (g)
M	12.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	9 Acetone	43	3.078	3.069	(0.624)	23160	6.93754	4(a)
*	18 Bromochloromethane	128	4.936	4.927	(1.000)	202157	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.482	5.485	(1.111)	438288	46.2758	28
*	26 1,4-Difluorobenzene	114	5.924	5.926	(1.000)	700209	50.0000	
$	33 Toluene-d8	98	7.433	7.436	(0.825)	606777	80.0340	48(R)
*	42 Chlorobenzene-d5	117	9.013	9.003	(1.000)	353745	50.0000	
$	50 Bromofluorobenzene	95	10.371	10.362	(1.151)	88502	28.3448	17(R)

lm 8/8/07

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: V5H9119.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9119.D
Lab Smp Id: F0981-04CRE Client Smp ID: SB12RE
Inj Date : 20-JUL-2007 22:25
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-04CRE,,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9119.D

Date : 20-JUL-2007 22:25

Client ID: SB12RE

Instrument: V5.i

Sample Info: 5ML,F0981-04CRE,,31296

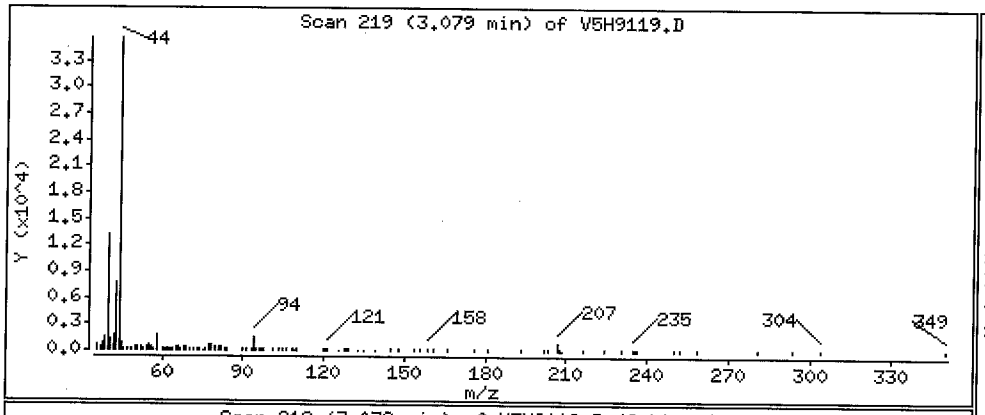
Operator: HZA SRC: LIMS

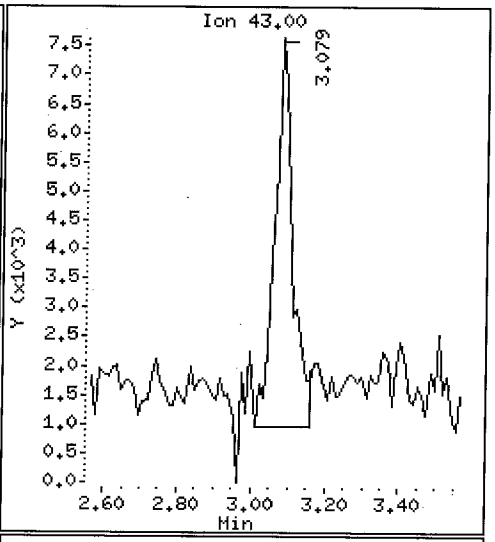
Column phase: DB-624

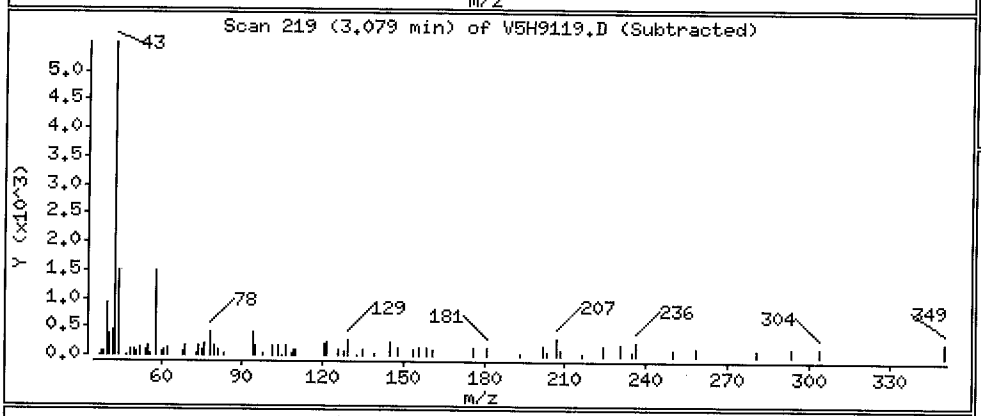
Column diameter: 0.25

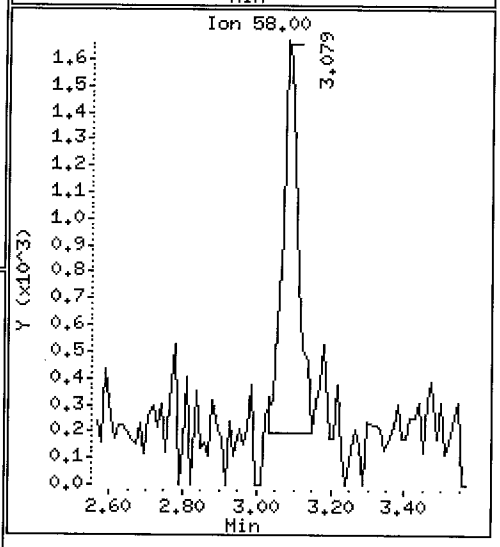
9 Acetone

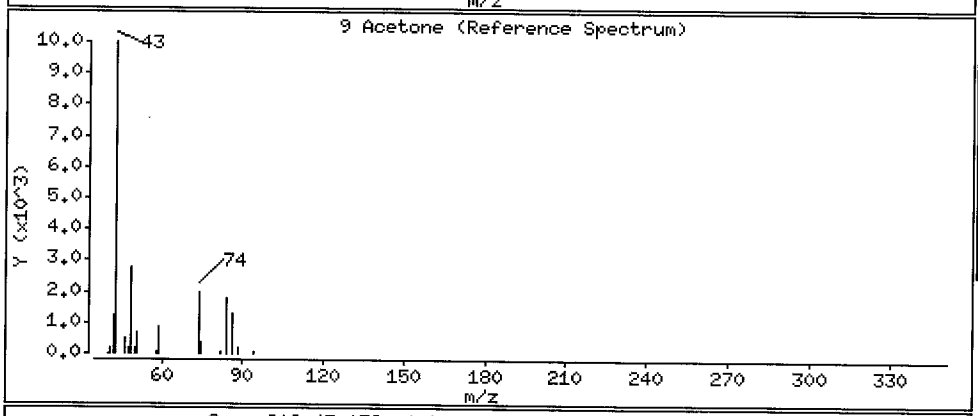
Concentration: 4 ug/Kg

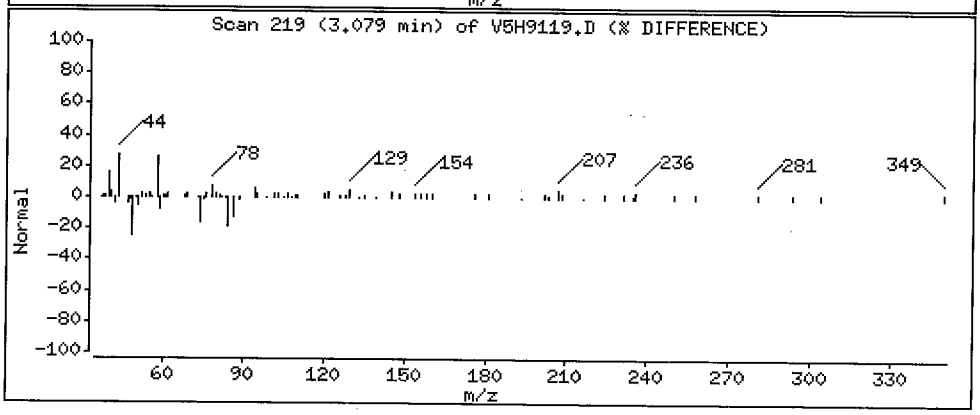












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12/D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-05C

Sample wt/vol: 8.6 (g/mL) G Lab File ID: V5H9120

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 12 Date Analyzed: 07/20/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	7	U
74-87-3	Chloromethane	7	U
75-01-4	Vinyl Chloride	7	U
74-83-9	Bromomethane	7	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
75-35-4	1,1-Dichloroethene	7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
67-64-1	Acetone	2	J
75-15-0	Carbon Disulfide	7	U
79-20-9	Methyl Acetate	3	J
75-09-2	Methylene Chloride	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
1634-04-4	Methyl tert-Butyl Ether	7	U
75-34-3	1,1-Dichloroethane	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
78-93-3	2-Butanone	7	U
67-66-3	Chloroform	7	U
71-55-6	1,1,1-Trichloroethane	7	U
110-82-7	Cyclohexane	7	U
56-23-5	Carbon Tetrachloride	7	U
71-43-2	Benzene	7	U
107-06-2	1,2-Dichloroethane	7	U

1B

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

SB12/D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-05C

Sample wt/vol: 8.6(g/mL) G Lab File ID: V5H9120

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 12 Date Analyzed: 07/20/07

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/KG	Q
79-01-6	Trichloroethene	7	U
108-87-2	Methylcyclohexane	7	U
78-87-5	1,2-Dichloropropane	7	U
75-27-4	Bromodichloromethane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
108-10-1	4-Methyl-2-Pentanone	7	U
108-88-3	Toluene	7	U
10061-02-6	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
127-18-4	Tetrachloroethene	7	U
591-78-6	2-Hexanone	7	U
124-48-1	Dibromochloromethane	7	U
106-93-4	1,2-Dibromoethane	7	U
108-90-7	Chlorobenzene	7	U
100-41-4	Ethylbenzene	7	U
1330-20-7	Xylene (Total)	7	U
100-42-5	Styrene	7	U
75-25-2	Bromoform	7	U
98-82-8	Isopropylbenzene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
95-50-1	1,2-Dichlorobenzene	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U

1F

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB12/D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-05C

Sample wt/vol: 8.6 (g/mL) G Lab File ID: V5H9120

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. 12 Date Analyzed: 07/20/07

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/Kg

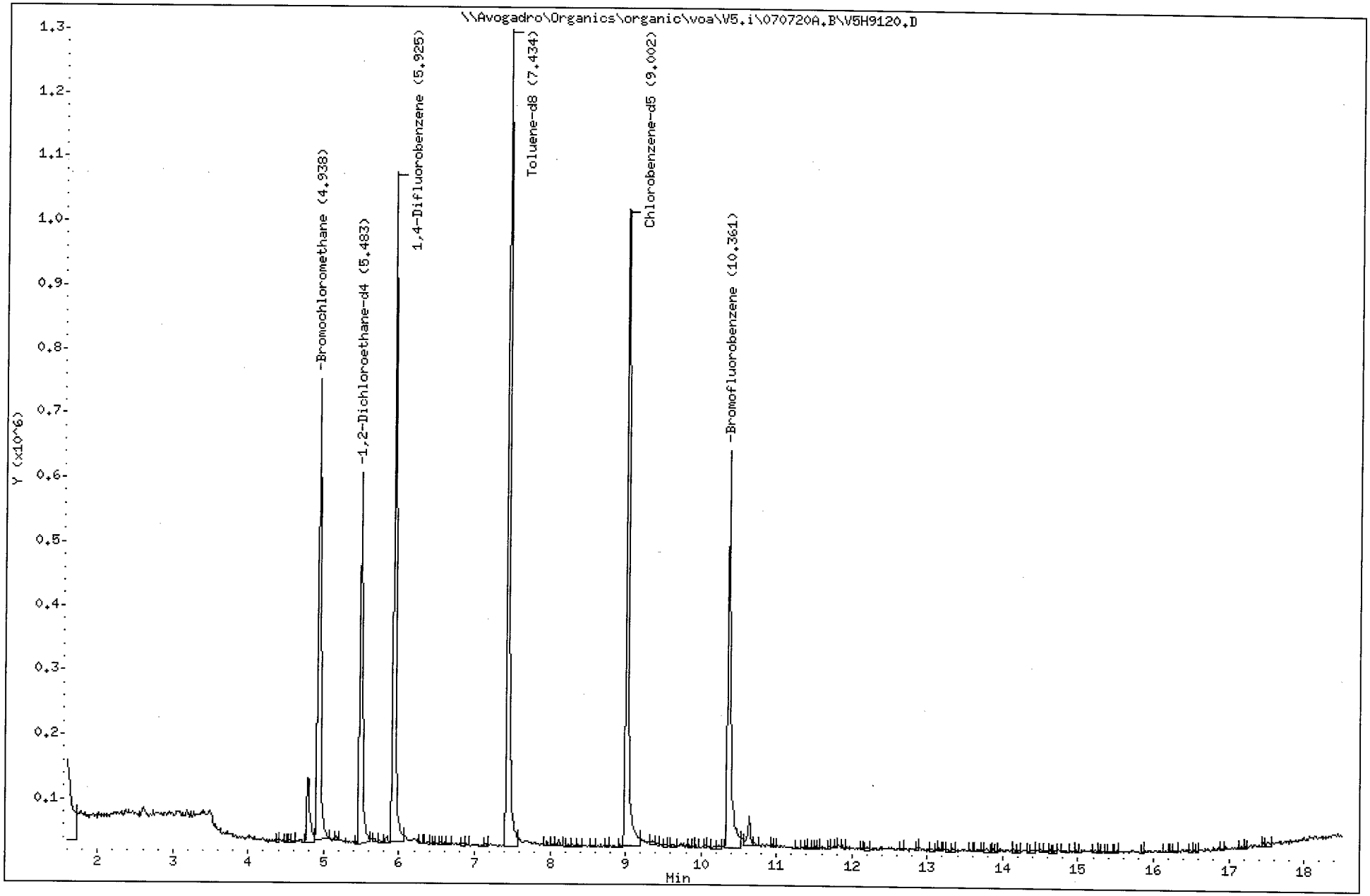
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
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Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9120.D
Date : 20-JUL-2007 22:56
Client ID: SB12/D
Sample Info: 5ML,F0981-05C,,31296

Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25



SB12

Data File: V5H9120.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9120.D
Lab Smp Id: F0981-05C Client Smp ID: SB12/D
Inj Date : 20-JUL-2007 22:56
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-05C,,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	8.600	Weight of sample extracted (g)
M	12.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/Kg)	
	9 Acetone	43	3.079	3.069	(0.624)	8598	2.47506	2	(a)
	11 Methyl Acetate	43	3.392	3.394	(0.687)	26126	3.81663	3	(a)
*	18 Bromochloromethane	128	4.937	4.927	(1.000)	210362	50.0000		(Q)
$	23 1,2-Dichloroethane-d4	65	5.483	5.485	(1.111)	502846	51.0212	34	
*	26 1,4-Difluorobenzene	114	5.924	5.926	(1.000)	839465	50.0000		
$	33 Toluene-d8	98	7.434	7.436	(0.825)	905486	57.1205	38	
*	42 Chlorobenzene-d5	117	9.013	9.003	(1.000)	739649	50.0000		
$	50 Bromofluorobenzene	95	10.360	10.362	(1.149)	310994	47.6362	31	

lm 8/8/07

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: V5H9120.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9120.D
Lab Smp Id: F0981-05C Client Smp ID: SB12/D
Inj Date : 20-JUL-2007 22:56
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-05C,,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9120.D

Date : 20-JUL-2007 22:56

Client ID: SB12/D

Instrument: V5.i

Sample Info: 5ML,F0981-05C,,31296

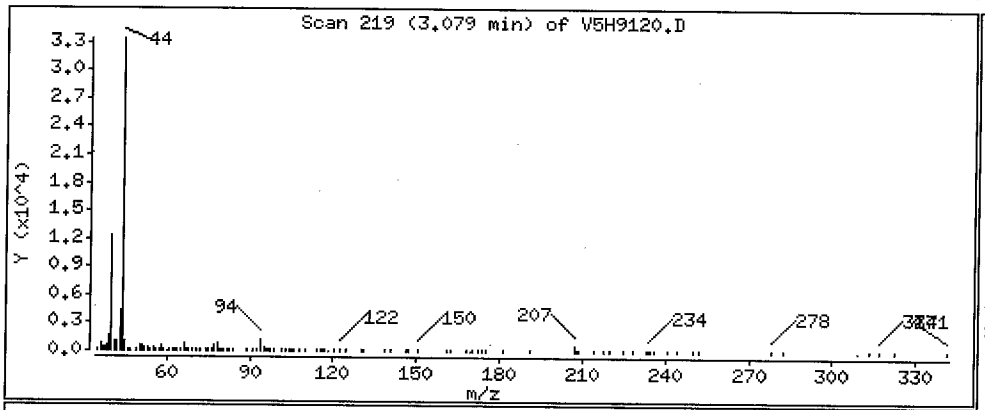
Operator: HZA SRC: LIMS

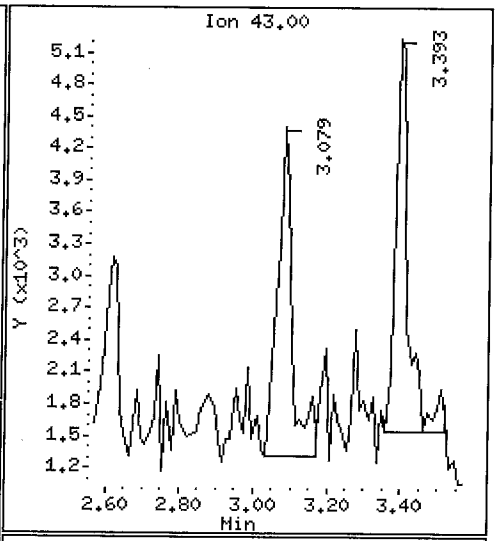
Column phase: DB-624

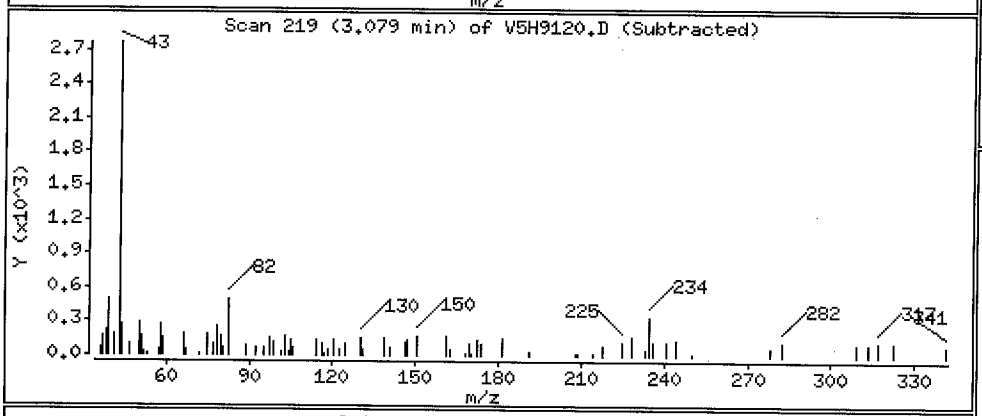
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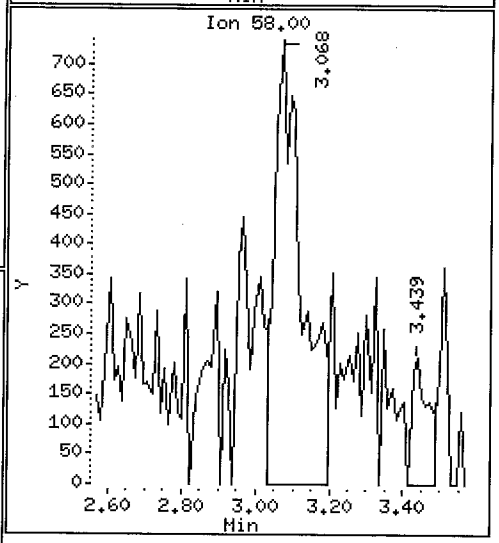
9 Acetone

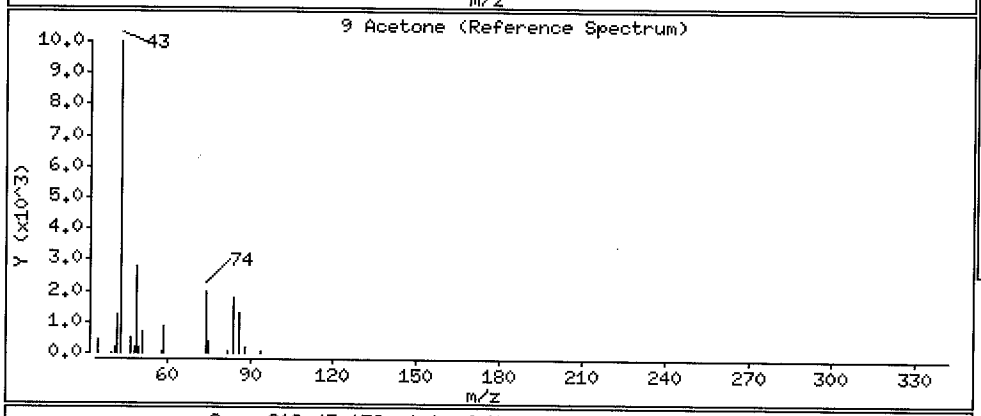
Concentration: 2 ug/Kg

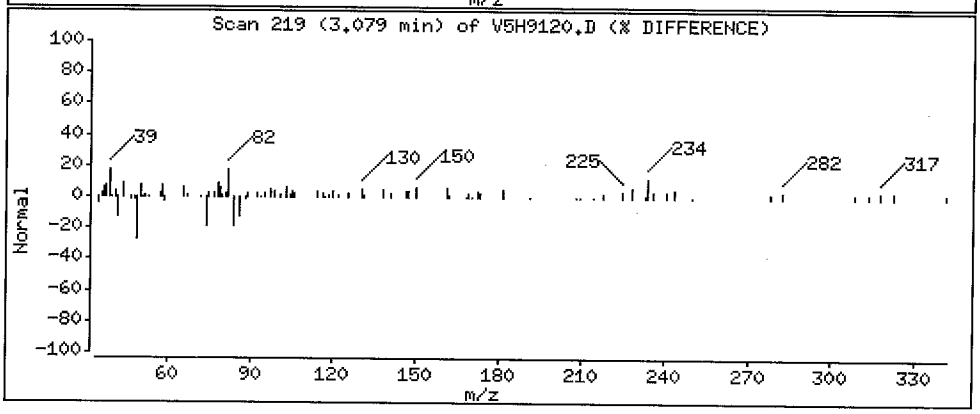












Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9120.D

Date : 20-JUL-2007 22:56

Client ID: SB12/D

Instrument: V5.i

Sample Info: 5ML,F0981-05C,,31296

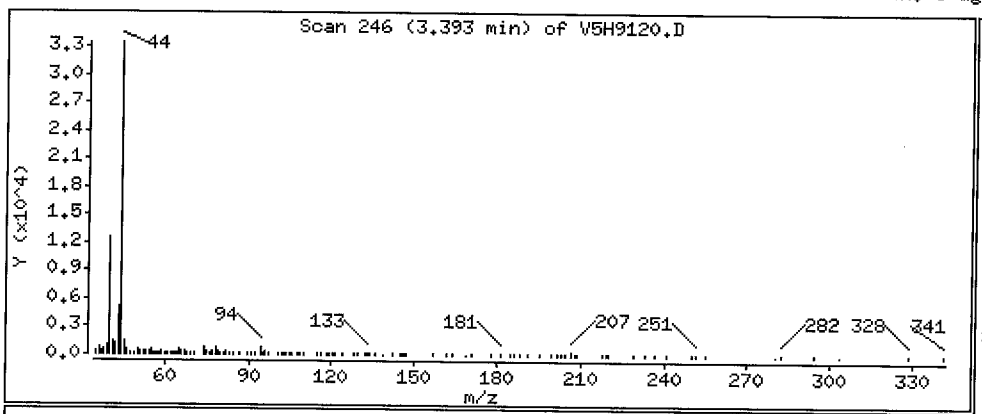
Operator: HZA SRC: LIMS

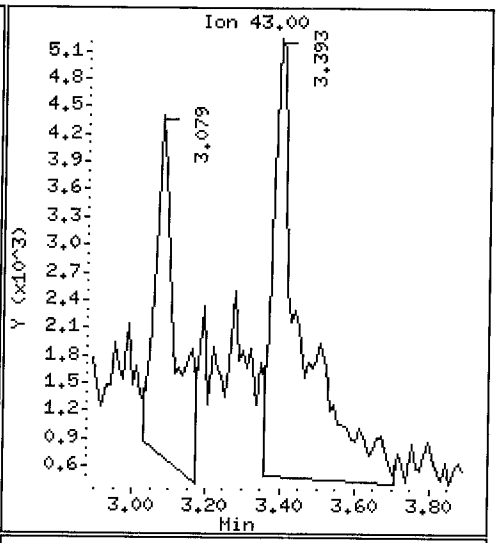
Column phase: DB-624

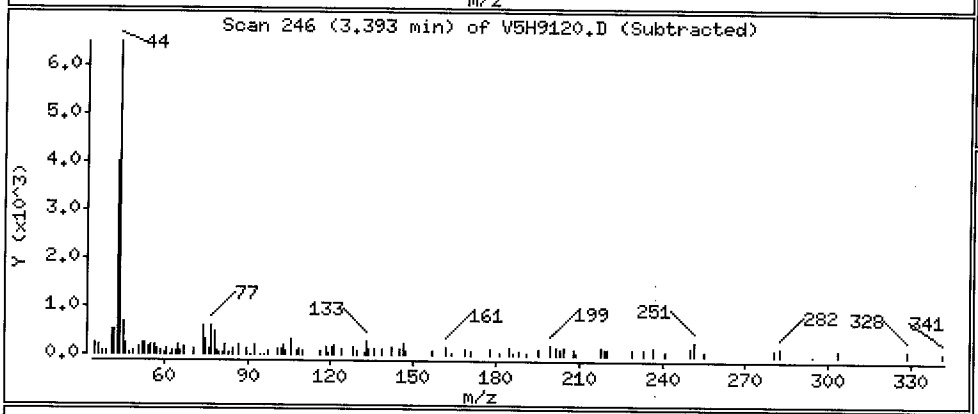
Column diameter: 0.25

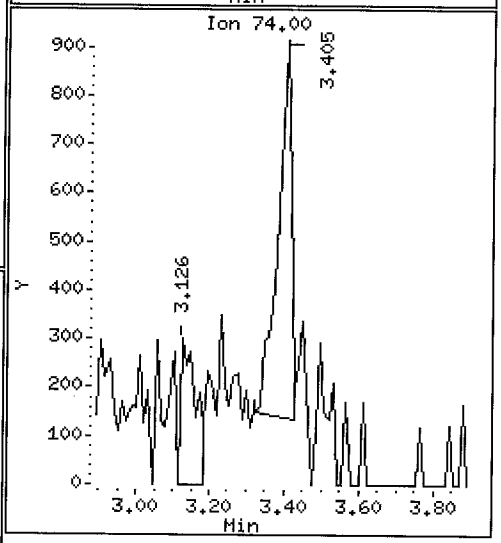
11 Methyl Acetate

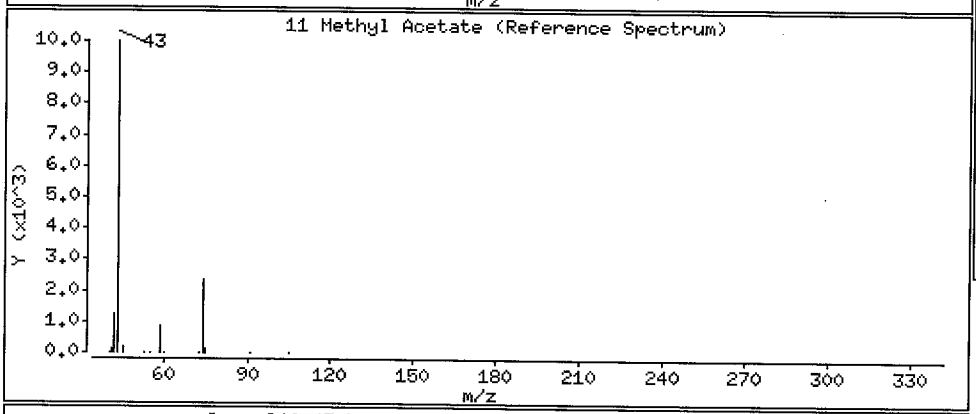
Concentration: 3 ug/Kg

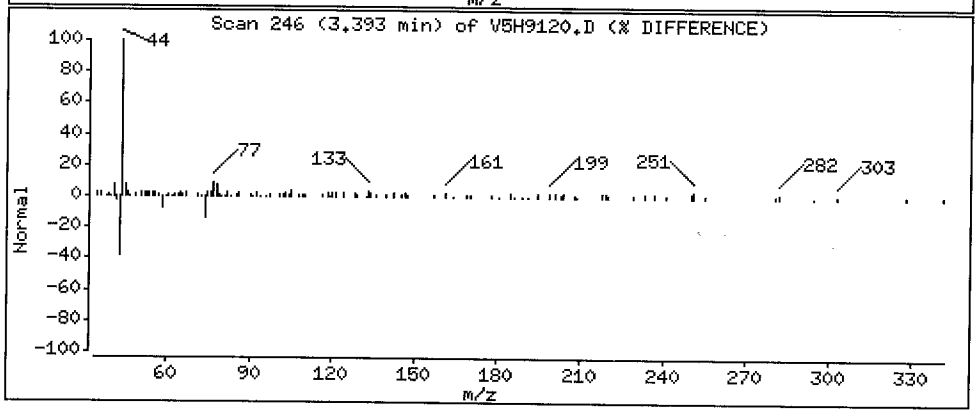












1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12W

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9132

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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.

SB12W

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9132

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SB12W

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-06A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9132

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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

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

Number TICs found: 0

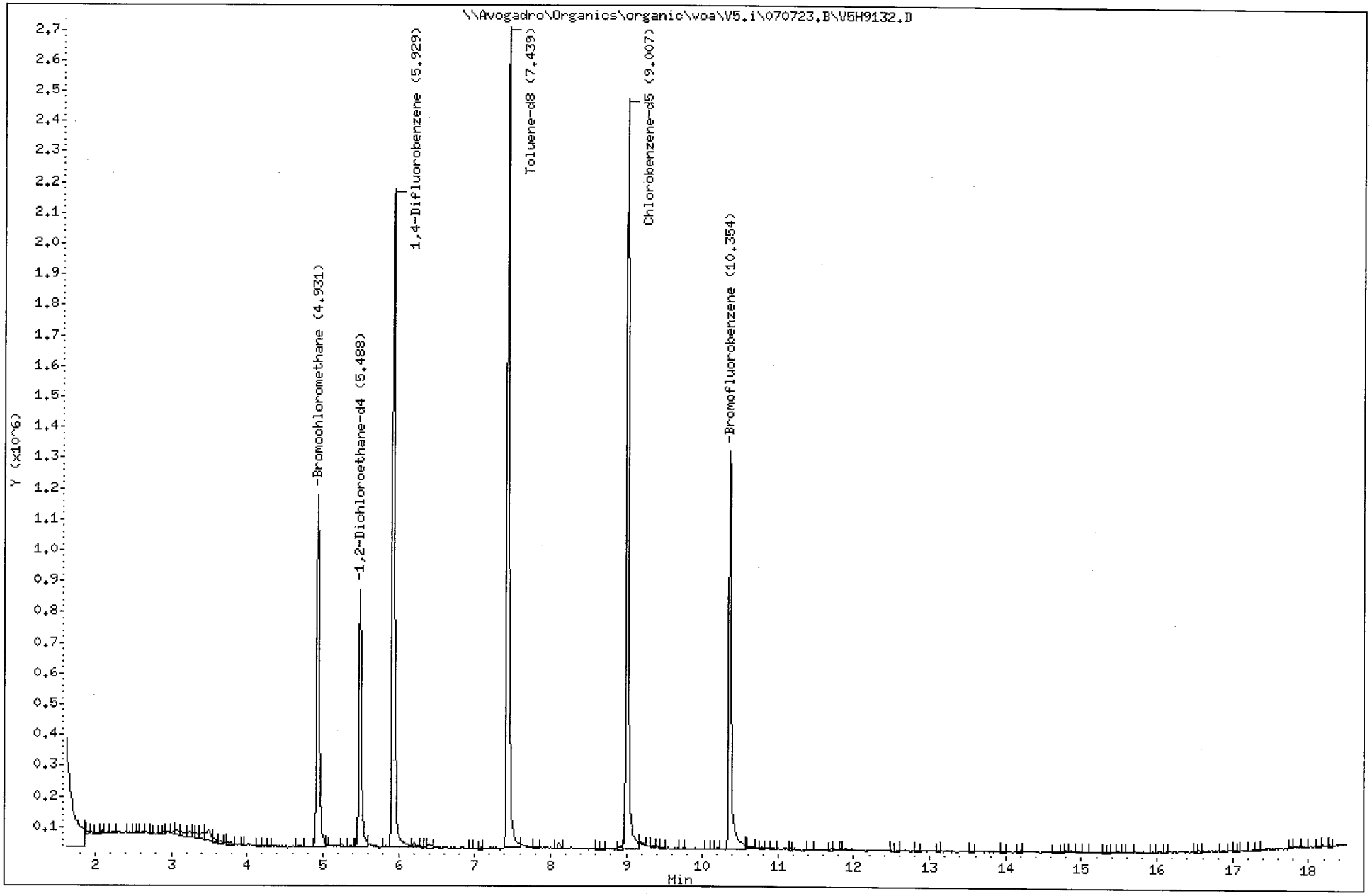
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
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27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9132.D
Date : 23-JUL-2007 12:06
Client ID: SB12W
Sample Info: 5ML,F0981-06A,,31298
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25



1378

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9132.D
Report Date: 08-Aug-2007 14:19

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9132.D
Lab Smp Id: F0981-06A Client Smp ID: SB12W
Inj Date : 23-JUL-2007 12:06
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-06A,,31298
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:22 sbotvin Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 18 Bromochloromethane	128	4.930	4.931	(1.000)	328516	50.0000	
$ 24 1,2-Dichloroethane-d4	65	5.488	5.488	(1.113)	697978	48.8200	49
* 27 1,4-Difluorobenzene	114	5.929	5.918	(1.000)	1868399	50.0000	
$ 35 Toluene-d8	98	7.439	7.427	(0.826)	1971534	52.0278	52
* 43 Chlorobenzene-d5	117	9.006	9.007	(1.000)	1532673	50.0000	
$ 51 Bromofluorobenzene	95	10.354	10.354	(1.150)	619787	45.1101	45

lm 8/8/07

0155

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9132.D
Report Date: 08-Aug-2007 14:19

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9132.D
Lab Smp Id: F0981-06A Client Smp ID: SB12W
Inj Date : 23-JUL-2007 12:06
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-06A,,31298
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:22 sbotvin Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

TB04

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9134

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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.

TB04

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9134

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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

TB04

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: F0981-02A

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9134

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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

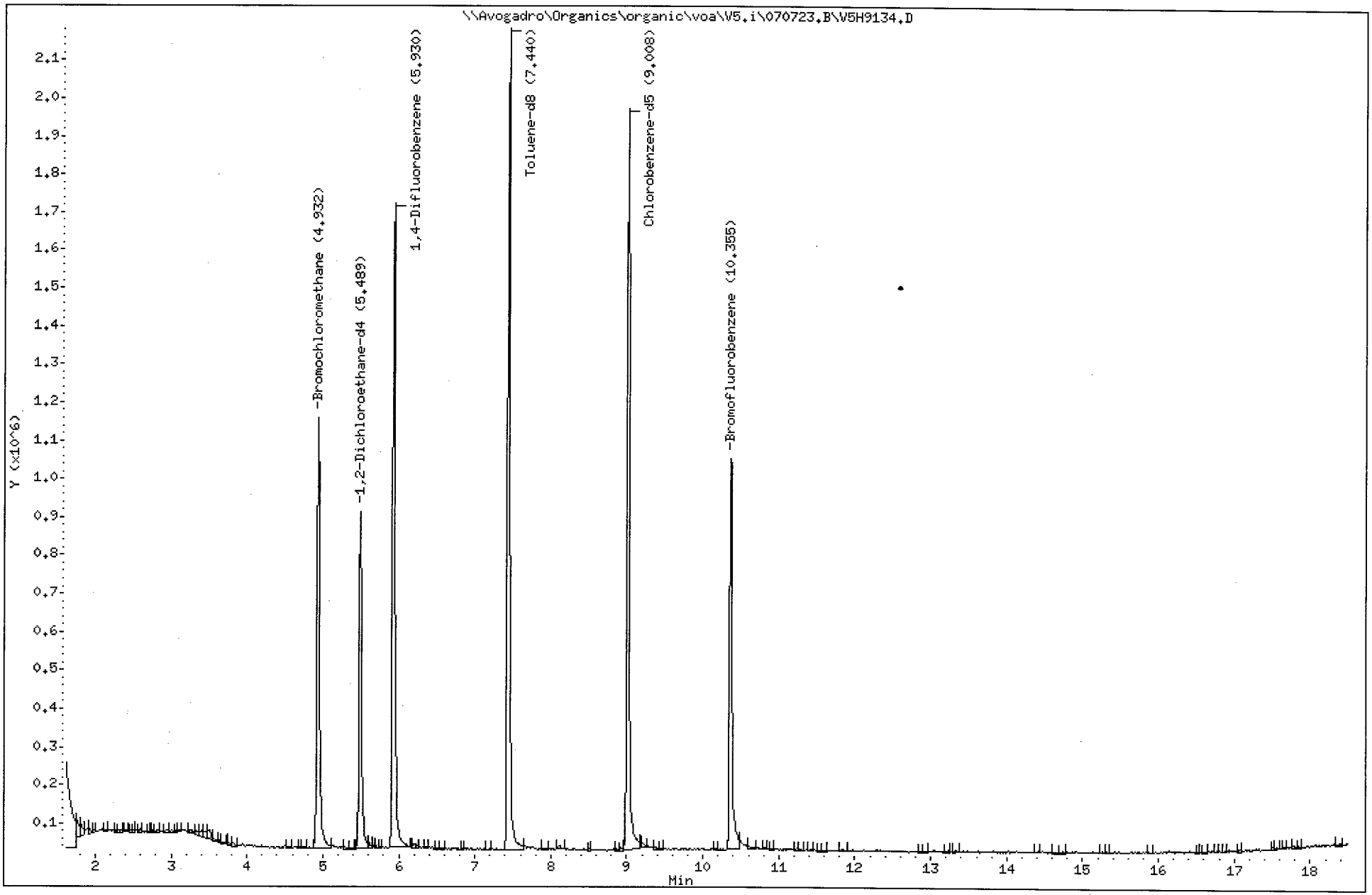
Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

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\V5.i\070723.B\V5H9134.D
Date : 23-JUL-2007 14:45
Client ID: TB04
Sample Info: 5ML,F0981-02A,,31298
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i
Operator: HZA SRC: LIMS
Column diameter: 0.25



0979

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9134.D
Report Date: 08-Aug-2007 14:19

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9134.D
Lab Smp Id: F0981-02A Client Smp ID: TB04
Inj Date : 23-JUL-2007 14:45
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-02A,,31298
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:22 sbotvin Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 18 Bromochloromethane	128	4.931	4.931	(1.000)	312971	50.0000	
$ 24 1,2-Dichloroethane-d4	65	5.488	5.488	(1.113)	714674	52.4707	52
* 27 1,4-Difluorobenzene	114	5.930	5.918	(1.000)	1445893	50.0000	
$ 35 Toluene-d8	98	7.439	7.427	(0.826)	1567663	51.4889	51
* 43 Chlorobenzene-d5	117	9.007	9.007	(1.000)	1231459	50.0000	
$ 51 Bromofluorobenzene	95	10.354	10.354	(1.150)	506965	45.9239	46

lm 8/9/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9134.D
Report Date: 08-Aug-2007 14:19

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9134.D
Lab Smp Id: F0981-02A Client Smp ID: TB04
Inj Date : 23-JUL-2007 14:45
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,F0981-02A,,31298
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:22 sbotvin Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date(s): 07/13/07 07/13/07

Heated Purge: (Y/N) N Calibration Times: 1203 1400

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

LAB FILE ID: RRF10 = V5H8913 RRF20 = V5H8912
RRF50 = V5H8911 RRF100= V5H8914 RRF200= V5H8915

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
Dichlorodifluoromethane		0.946	0.888	0.907	0.950	0.930	0.924	2.9
Chloromethane		2.093	2.058	1.962	2.009	2.018	2.028	2.5
Vinyl Chloride	*	1.948	1.995	1.899	1.967	1.982	1.958	1.9*
Bromomethane	*	1.281	1.404	1.274	1.186	0.977	1.224	13.0*
Chloroethane		1.077	1.118	1.067	0.982	0.874	1.024	9.5
Trichlorofluoromethane		2.213	2.240	2.142	2.224	2.157	2.195	2.0
1,1-Dichloroethene	*	1.325	1.370	1.307	1.320	1.299	1.324	2.1*
1,1,2-Trichloro-1,2,2-trifluoroethane		1.618	1.609	1.557	1.636	1.527	1.589	2.9
Acetone		0.969	1.129	0.831	0.888	0.817	0.927	13.8
Carbon Disulfide		4.967	5.234	4.945	5.002	4.895	5.009	2.6
Methyl Acetate		1.614	1.572	1.474	1.501	1.495	1.531	3.9
Methylene Chloride		1.706	1.806	1.743	1.749	1.666	1.734	3.0
trans-1,2-Dichloroethene		1.627	1.734	1.692	1.752	1.820	1.725	4.2
Methyl tert-Butyl Ether		4.706	4.923	4.934	5.292	5.384	5.048	5.6
1,1-Dichloroethane	*	3.937	4.153	4.010	4.037	4.042	4.036	1.9*
cis-1,2-Dichloroethene		1.626	1.696	1.692	1.776	1.890	1.736	5.8
2-Butanone		1.092	1.305	1.271	1.366	1.353	1.277	8.7
Chloroform	*	3.509	3.538	3.424	3.434	3.428	3.467	1.5*
1,1,1-Trichloroethane	*	0.537	0.574	0.550	0.569	0.552	0.556	2.7*
Cyclohexane		0.602	0.641	0.660	0.728	0.693	0.665	7.2
Carbon Tetrachloride	*	0.478	0.503	0.485	0.496	0.479	0.488	2.2*
Benzene	*	1.399	1.491	1.519	1.533	1.462	1.481	3.6*
1,2-Dichloroethane	*	2.829	3.083	2.902	2.980	2.934	2.946	3.2*
Trichloroethene	*	0.327	0.344	0.334	0.346	0.349	0.340	2.7*
Methylcyclohexane		0.459	0.478	0.497	0.556	0.532	0.504	7.8

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

0169

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date(s): 07/13/07 07/13/07

Heated Purge: (Y/N) N Calibration Times: 1203 1400

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

LAB FILE ID: RRF10 = V5H8913 RRF20 = V5H8912
RRF50 = V5H8911 RRF100= V5H8914 RRF200= V5H8915

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
1,2-Dichloropropane	0.442	0.480	0.470	0.475	0.453	0.464	3.4	
Bromodichloromethane *	0.476	0.512	0.510	0.512	0.495	0.501	3.1*	
cis-1,3-Dichloropropene *	0.441	0.507	0.535	0.563	0.558	0.521	9.6*	
4-Methyl-2-Pentanone	0.405	0.466	0.495	0.568	0.558	0.498	13.6	
Toluene *	1.414	1.511	1.532	1.548	1.488	1.499	3.5*	
trans-1,3-Dichloropropene *	0.402	0.474	0.491	0.523	0.528	0.484	10.5*	
1,1,2-Trichloroethane *	0.291	0.296	0.289	0.302	0.297	0.295	1.8*	
Tetrachloroethene *	0.291	0.286	0.273	0.281	0.290	0.284	2.5*	
2-Hexanone	0.064	0.259	0.303	0.381	0.397	0.281	47.7	
Dibromochloromethane *	0.347	0.359	0.365	0.381	0.380	0.366	4.0*	
1,2-Dibromoethane	0.369	0.381	0.369	0.390	0.393	0.380	3.0	
Chlorobenzene *	0.981	0.978	0.969	0.988	0.969	0.977	0.8*	
Ethylbenzene *	0.415	0.469	0.491	0.510	0.510	0.479	8.3*	
Xylene (Total) *	0.481	0.541	0.602	0.621	0.610	0.571	10.3*	
Styrene *	0.515	0.603	0.659	0.686	0.695	0.632	11.7*	
Bromoform *	0.186	0.208	0.209	0.228	0.235	0.213	8.9*	
Isopropylbenzene	1.222	1.408	1.498	1.557	1.537	1.444	9.5	
1,1,2,2-Tetrachloroethane *	0.468	0.499	0.470	0.495	0.480	0.482	3.0*	
1,3-Dichlorobenzene *	0.540	0.628	0.665	0.734	0.772	0.668	13.6*	
1,4-Dichlorobenzene *	0.632	0.707	0.719	0.764	0.809	0.726	9.1*	
1,2-Dichlorobenzene *	0.537	0.613	0.634	0.693	0.726	0.641	11.4*	
1,2-Dibromo-3-chloropropane	0.058	0.065	0.056	0.067	0.070	0.063	9.3	
1,2,4-Trichlorobenzene *	0.176	0.230	0.238	0.305	0.371	0.264	28.6*	<-
Toluene-d8	1.137	1.217	1.264	1.279	1.236	1.227	4.5	
Bromofluorobenzene *	0.389	0.442	0.481	0.499	0.509	0.464	10.6*	
1,2-Dichloroethane-d4	2.341	2.444	2.516	2.317	2.308	2.385	3.8	

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

0164

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date(s): 07/19/07 07/19/07

Heated Purge: (Y/N) Y Calibration Times: 1004 1205

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

LAB FILE ID: RRF10 = V5H9054 RRF20 = V5H9053
RRF50 = V5H9052 RRF100= V5H9056 RRF200= V5H9055

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.615	0.693	0.764	0.690	0.873	0.727	13.4
Chloromethane	1.620	1.649	1.719	1.633	1.797	1.684	4.4
Vinyl Chloride *	1.580	1.505	1.544	1.444	1.668	1.548	5.4*
Bromomethane *	1.171	1.130	1.063	0.916	0.834	1.023	14.0*
Chloroethane	0.959	0.896	0.895	0.798	0.769	0.863	9.1
Trichlorofluoromethane	0.013	1.810	1.825	1.747	2.036	1.486	55.9
1,1-Dichloroethene *	1.083	1.056	1.125	1.044	1.205	1.103	5.9*
1,1,2-Trichloro-1,2,2-trifluoroethane	1.426	1.391	1.336	1.362	1.593	1.422	7.1
Acetone	1.235	1.240	1.234	0.906	0.892	1.101	16.8
Carbon Disulfide	4.023	4.111	4.210	3.982	4.521	4.169	5.2
Methyl Acetate	1.882	1.767	1.848	1.641	1.655	1.759	6.2
Methylene Chloride	1.796	1.711	1.684	1.596	1.720	1.701	4.3
trans-1,2-Dichloroethene	1.389	1.395	1.517	1.419	1.662	1.476	7.8
Methyl tert-Butyl Ether	4.150	4.450	4.999	5.155	5.450	4.841	11.0
1,1-Dichloroethane *	3.313	3.438	3.602	3.389	3.805	3.509	5.6*
cis-1,2-Dichloroethene	1.353	1.441	1.529	1.521	1.766	1.522	10.1
2-Butanone	1.154	1.343	1.550	1.408	1.466	1.384	10.8
Chloroform *	3.038	3.078	3.101	3.004	3.308	3.106	3.8*
1,1,1-Trichloroethane *	0.491	0.546	0.536	0.506	0.565	0.529	5.7*
Cyclohexane	0.484	0.578	0.612	0.638	0.757	0.614	16.1
Carbon Tetrachloride *	0.424	0.460	0.470	0.448	0.509	0.462	6.8*
Benzene *	1.319	1.505	1.545	1.480	1.577	1.485	6.7*
1,2-Dichloroethane *	2.759	2.733	2.888	2.804	2.893	2.815	2.6*
Trichloroethene *	0.311	0.315	0.335	0.326	0.368	0.331	6.9*
Methylcyclohexane	0.388	0.470	0.498	0.536	0.632	0.505	17.7

* 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.: MF0981

Instrument ID: V5 Calibration Date(s): 07/19/07 07/19/07

Heated Purge: (Y/N) Y Calibration Times: 1004 1205

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

LAB FILE ID: RRF10 = V5H9054 RRF20 = V5H9053
RRF50 = V5H9052 RRF100= V5H9056 RRF200= V5H9055

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
1,2-Dichloropropane		0.462	0.501	0.507	0.488	0.511	0.494	4.0	
Bromodichloromethane	*	0.500	0.571	0.552	0.540	0.561	0.545	5.0*	
cis-1,3-Dichloropropene	*	0.408	0.496	0.571	0.582	0.632	0.538	16.2*	
4-Methyl-2-Pentanone		0.419	0.473	0.642	0.642	0.656	0.566	19.7	
Toluene	*	1.277	1.291	1.444	1.381	1.502	1.379	7.0*	
trans-1,3-Dichloropropene	*	0.399	0.478	0.542	0.558	0.598	0.515	15.1*	
1,1,2-Trichloroethane	*	0.297	0.334	0.334	0.334	0.339	0.328	5.2*	
Tetrachloroethene	*	0.251	0.242	0.247	0.242	0.290	0.254	8.0*	
2-Hexanone		0.067	0.222	0.362	0.407	0.450	0.302	51.9	
Dibromochloromethane	*	0.362	0.414	0.426	0.424	0.436	0.412	7.1*	
1,2-Dibromoethane		0.405	0.368	0.406	0.404	0.416	0.400	4.7	
Chlorobenzene	*	0.969	0.922	0.951	0.935	0.999	0.955	3.2*	
Ethylbenzene	*	0.348	0.382	0.432	0.439	0.501	0.420	13.9*	
Xylene (Total)	*	0.415	0.477	0.559	0.564	0.620	0.527	15.3*	
Styrene	*	0.435	0.516	0.596	0.631	0.688	0.573	17.3*	
Bromoform	*	0.227	0.251	0.274	0.281	0.290	0.265	9.6*	
Isopropylbenzene		0.951	1.082	1.296	1.362	1.517	1.242	18.1	
1,1,2,2-Tetrachloroethane	*	0.575	0.552	0.592	0.574	0.575	0.574	2.5*	
1,3-Dichlorobenzene	*	0.497	0.546	0.657	0.703	0.804	0.641	19.1*	
1,4-Dichlorobenzene	*	0.630	0.650	0.730	0.776	0.846	0.726	12.3*	
1,2-Dichlorobenzene	*	0.530	0.580	0.652	0.710	0.786	0.652	15.6*	
1,2-Dibromo-3-chloropropane		0.060	0.068	0.094	0.090	0.096	0.082	20.3	
1,2,4-Trichlorobenzene	*	0.191	0.226	0.275	0.363	0.441	0.299	34.2*	<-
Toluene-d8		0.948	0.977	1.272	0.975	1.137	1.062	13.1	
Bromofluorobenzene	*	0.340	0.361	0.503	0.428	0.487	0.424	17.1*	
1,2-Dichloroethane-d4		2.325	2.236	2.613	2.039	2.219	2.286	9.2	

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

0166

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date(s): 08/02/07 08/03/07

Heated Purge: (Y/N) Y Calibration Times: 2332 0132

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

LAB FILE ID: RRF10 = V5H9465 RRF20 = V5H9464
RRF50 = V5H9463 RRF100= V5H9467 RRF200= V5H9466

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.375	0.435	0.414	0.477	0.456	0.431	9.1
Chloromethane	0.572	0.564	0.653	0.674	0.643	0.621	8.0
Vinyl Chloride *	0.646	0.558	0.618	0.644	0.611	0.615	5.8*
Bromomethane *	0.441	0.376	0.444	0.410	0.378	0.410	8.0*
Chloroethane	0.375	0.337	0.333	0.316	0.272	0.327	11.4
Trichlorofluoromethane	1.141	1.055	1.151	1.117	1.093	1.111	3.5
1,1-Dichloroethene *	0.510	0.450	0.510	0.476	0.469	0.483	5.5*
1,1,2-Trichloro-1,2,2-trifluoroethane	0.627	0.590	0.669	0.670	0.652	0.642	5.3
Acetone	0.521	0.491	0.469	0.449	0.383	0.463	11.2
Carbon Disulfide	1.556	1.560	1.697	1.667	1.635	1.623	3.9
Methyl Acetate	0.512	0.556	0.572	0.628	0.563	0.566	7.3
Methylene Chloride	0.759	0.805	0.829	0.819	0.786	0.800	3.5
trans-1,2-Dichloroethene	1.524	1.447	1.564	1.566	1.443	1.509	4.0
Methyl tert-Butyl Ether	3.862	3.727	4.152	4.260	4.216	4.043	5.8
1,1-Dichloroethane *	2.538	2.499	2.857	2.815	2.677	2.677	6.0*
cis-1,2-Dichloroethene	1.852	1.757	1.846	1.782	1.665	1.780	4.3
2-Butanone	0.593	0.775	0.794	0.884	0.787	0.767	13.8
Chloroform *	2.568	2.604	2.753	2.734	2.641	2.660	3.0*
1,1,1-Trichloroethane *	0.390	0.398	0.445	0.432	0.419	0.417	5.5*
Cyclohexane	0.422	0.423	0.512	0.499	0.483	0.468	9.1
Carbon Tetrachloride *	0.318	0.328	0.385	0.372	0.371	0.355	8.4*
Benzene *	1.254	1.294	1.382	1.262	1.138	1.266	6.9*
1,2-Dichloroethane *	1.600	1.512	1.722	1.680	1.712	1.645	5.4*
Trichloroethene *	0.304	0.302	0.352	0.332	0.321	0.322	6.3*
Methylcyclohexane	0.420	0.446	0.508	0.474	0.431	0.456	7.8

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

0167

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date(s): 08/02/07 08/03/07

Heated Purge: (Y/N) Y Calibration Times: 2332 0132

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

LAB FILE ID: RRF10 = V5H9465 RRF20 = V5H9464
RRF50 = V5H9463 RRF100= V5H9467 RRF200= V5H9466

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD	
1,2-Dichloropropane	0.384	0.382	0.407	0.369	0.328	0.374	7.7	
Bromodichloromethane *	0.409	0.410	0.474	0.461	0.452	0.441	6.7*	
cis-1,3-Dichloropropene *	0.432	0.442	0.529	0.504	0.508	0.483	8.9*	
4-Methyl-2-Pentanone	0.312	0.362	0.390	0.441	0.394	0.380	12.4	
Toluene *	1.374	1.386	1.518	1.515	1.274	1.413	7.3*	
trans-1,3-Dichloropropene *	0.354	0.367	0.445	0.438	0.444	0.410	11.0*	
1,1,2-Trichloroethane *	0.318	0.312	0.356	0.335	0.324	0.329	5.3*	
Tetrachloroethene *	0.246	0.255	0.269	0.281	0.251	0.260	5.5*	
2-Hexanone	0.099	0.159	0.197	0.292	0.276	0.205	39.4	
Dibromochloromethane *	0.348	0.354	0.415	0.396	0.390	0.381	7.5*	
1,2-Dibromoethane	0.405	0.402	0.449	0.474	0.435	0.433	7.0	
Chlorobenzene *	0.954	0.927	1.016	0.986	0.871	0.951	5.8*	
Ethylbenzene *	0.400	0.408	0.466	0.482	0.419	0.435	8.4*	
Xylene (Total) *	0.490	0.525	0.601	0.573	0.474	0.533	10.1*	
Styrene *	0.535	0.551	0.648	0.644	0.556	0.587	9.3*	
Bromoform *	0.233	0.249	0.291	0.282	0.279	0.267	9.2*	
Isopropylbenzene	1.177	1.237	1.411	1.449	1.247	1.304	9.1	
1,1,2,2-Tetrachloroethane *	0.547	0.537	0.602	0.615	0.540	0.568	6.6*	
1,3-Dichlorobenzene *	0.535	0.580	0.698	0.733	0.677	0.645	13.0*	
1,4-Dichlorobenzene *	0.628	0.694	0.801	0.787	0.715	0.725	9.8*	
1,2-Dichlorobenzene *	0.598	0.605	0.729	0.746	0.673	0.670	10.1*	
1,2-Dibromo-3-chloropropane	0.057	0.070	0.071	0.087	0.080	0.073	15.2	
1,2,4-Trichlorobenzene *	0.269	0.284	0.375	0.426	0.414	0.354	20.7*	<-
Toluene-d8	0.990	1.096	1.171	1.074	1.055	1.077	6.1	
Bromofluorobenzene *	0.351	0.396	0.465	0.452	0.458	0.424	11.6*	
1,2-Dichloroethane-d4	1.292	1.210	1.350	1.370	1.369	1.318	5.2	

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

0158

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date(s): 08/01/07 08/01/07

Heated Purge: (Y/N) N Calibration Times: 1415 1610

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

LAB FILE ID: RRF10 = V5H9410 RRF20 = V5H9409
RRF50 = V5H9408 RRF100= V5H9412 RRF200= V5H9411

COMPOUND	RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.393	0.510	0.553	0.476	0.433	0.473	13.3
Chloromethane	0.778	0.821	0.895	0.815	0.711	0.804	8.3
Vinyl Chloride *	0.800	0.774	0.898	0.829	0.750	0.810	7.1*
Bromomethane *	0.505	0.564	0.571	0.425	0.391	0.491	16.5*
Chloroethane	0.434	0.429	0.465	0.347	0.298	0.395	17.6
Trichlorofluoromethane	1.125	1.189	1.336	1.164	1.105	1.184	7.7
1,1-Dichloroethene *	0.556	0.548	0.581	0.542	0.493	0.544	5.9*
1,1,2-Trichloro-1,2,2-trifluoroethane	0.618	0.665	0.712	0.631	0.550	0.635	9.4
Acetone	0.497	0.389	0.454	0.386	0.377	0.421	12.5
Carbon Disulfide	1.989	1.922	2.044	1.873	1.768	1.919	5.5
Methyl Acetate	0.557	0.503	0.579	0.522	0.487	0.530	7.2
Methylene Chloride	0.874	0.872	0.930	0.835	0.749	0.852	7.8
trans-1,2-Dichloroethene	1.854	1.814	1.893	1.696	1.534	1.758	8.3
Methyl tert-Butyl Ether	4.111	4.033	4.333	4.160	3.888	4.105	4.0
1,1-Dichloroethane *	3.196	3.149	3.309	3.127	2.944	3.145	4.2*
cis-1,2-Dichloroethene	1.955	1.919	1.994	1.854	1.705	1.885	6.0
2-Butanone	0.834	0.796	0.812	0.777	0.719	0.788	5.6
Chloroform *	3.059	2.982	3.117	2.900	2.715	2.955	5.3*
1,1,1-Trichloroethane *	0.452	0.432	0.462	0.441	0.404	0.438	5.1*
Cyclohexane	0.466	0.506	0.556	0.498	0.435	0.492	9.3
Carbon Tetrachloride *	0.370	0.370	0.402	0.373	0.353	0.374	4.7*
Benzene *	1.326	1.359	1.364	1.225	1.004	1.256	12.1*
1,2-Dichloroethane *	1.809	1.743	1.841	1.764	1.667	1.765	3.8*
Trichloroethene *	0.332	0.330	0.345	0.321	0.288	0.323	6.6*
Methylcyclohexane	0.421	0.456	0.480	0.407	0.327	0.418	14.0

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

0165

6B
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date(s): 08/01/07 08/01/07

Heated Purge: (Y/N) N Calibration Times: 1415 1610

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

LAB FILE ID: RRF10 = V5H9410 RRF20 = V5H9409
RRF50 = V5H9408 RRF100= V5H9412 RRF200= V5H9411

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	$\overline{RRF}$	% RSD
1,2-Dichloropropane		0.395	0.380	0.394	0.355	0.287	0.362	12.4
Bromodichloromethane	*	0.408	0.407	0.422	0.414	0.382	0.407	3.6*
cis-1,3-Dichloropropene	*	0.444	0.472	0.508	0.487	0.438	0.470	6.2*
4-Methyl-2-Pentanone		0.253	0.326	0.356	0.346	0.335	0.323	12.6
Toluene	*	1.700	1.604	1.658	1.464	1.279	1.541	11.1*
trans-1,3-Dichloropropene	*	0.367	0.374	0.431	0.411	0.378	0.392	7.1*
1,1,2-Trichloroethane	*	0.302	0.279	0.312	0.283	0.256	0.286	7.6*
Tetrachloroethene	*	0.321	0.286	0.298	0.277	0.265	0.289	7.4*
2-Hexanone		0.164	0.170	0.223	0.240	0.242	0.208	18.3
Dibromochloromethane	*	0.320	0.312	0.353	0.338	0.308	0.326	5.8*
1,2-Dibromoethane		0.424	0.386	0.429	0.402	0.387	0.406	4.9
Chlorobenzene	*	1.052	0.996	1.044	0.936	0.833	0.972	9.3*
Ethylbenzene	*	0.520	0.504	0.525	0.478	0.428	0.491	8.1*
Xylene (Total)	*	0.636	0.599	0.621	0.552	0.473	0.576	11.5*
Styrene	*	0.610	0.622	0.674	0.622	0.540	0.614	7.8*
Bromoform	*	0.203	0.195	0.223	0.217	0.201	0.208	5.6*
Isopropylbenzene		1.548	1.536	1.590	1.421	1.302	1.479	7.9
1,1,2,2-Tetrachloroethane	*	0.488	0.467	0.534	0.471	0.443	0.481	7.0*
1,3-Dichlorobenzene	*	0.632	0.644	0.708	0.676	0.646	0.661	4.6*
1,4-Dichlorobenzene	*	0.759	0.761	0.776	0.725	0.677	0.740	5.4*
1,2-Dichlorobenzene	*	0.656	0.631	0.686	0.649	0.624	0.649	3.8*
1,2-Dibromo-3-chloropropane		0.040	0.044	0.054	0.058	0.054	0.050	14.6
1,2,4-Trichlorobenzene	*	0.267	0.284	0.313	0.356	0.362	0.316	13.4*
Toluene-d8		1.385	1.308	1.311	1.205	1.101	1.262	8.7
Bromofluorobenzene	*	0.439	0.458	0.449	0.489	0.460	0.459	4.1*
1,2-Dichloroethane-d4		1.551	1.520	1.414	1.399	1.387	1.454	5.2

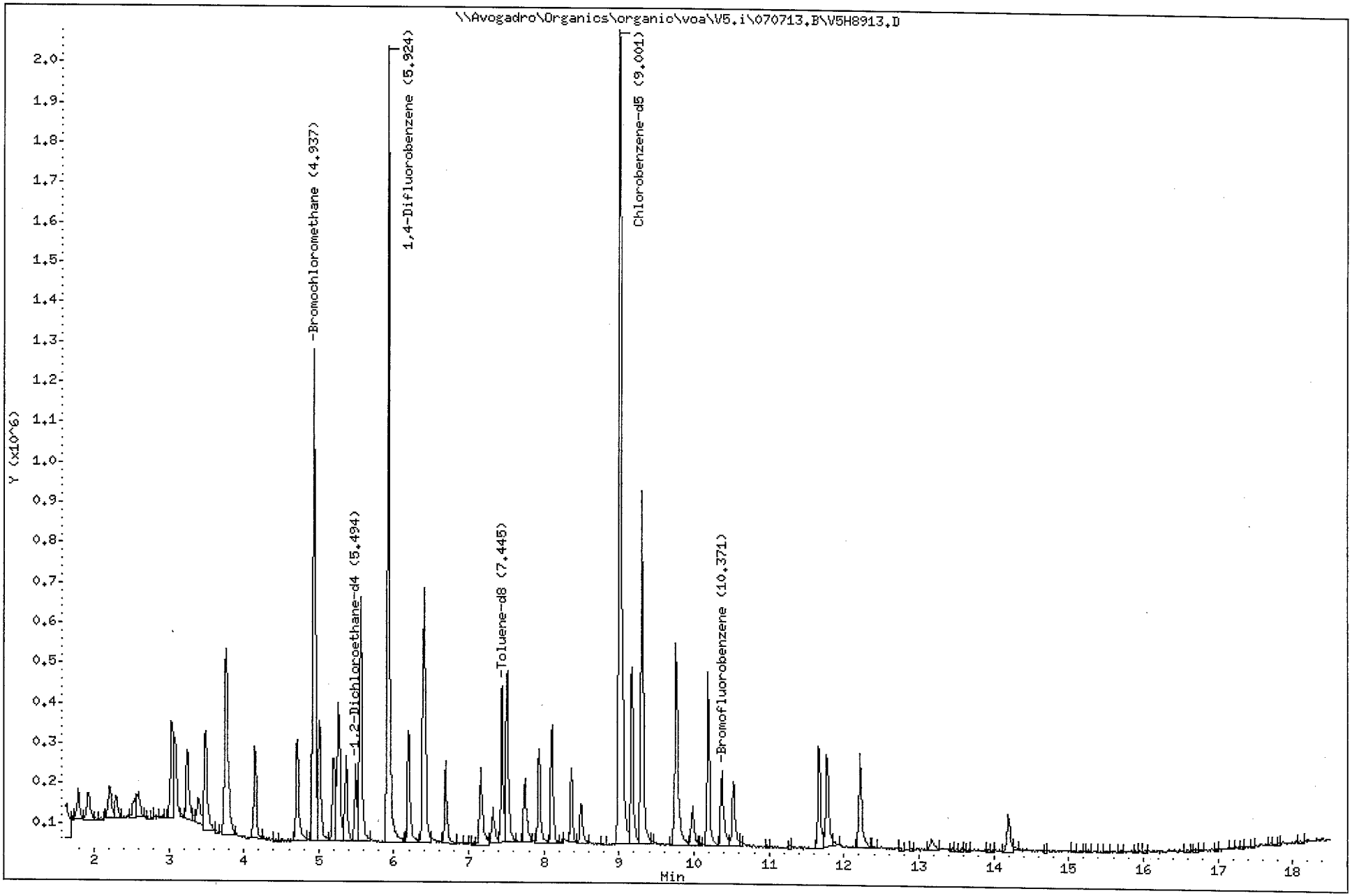
* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.

0170

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8913.D
Date : 13-JUL-2007 13:01
Client ID: VSTD010Q5
Sample Info: 5ML,VSTD010Q5,VSTD010Q5
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8913.D
Report Date: 16-Jul-2007 16:03

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8913.D
Lab Smp Id: VSTD010Q5 Client Smp ID: VSTD010Q5
Inj Date : 13-JUL-2007 13:01
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD010Q5,VSTD010Q5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070713.B\v5clp4.m
Meth Date : 13-Jul-2007 16:08 weiluo Quant Type: ISTD
Cal Date : 13-JUL-2007 12:03 Cal File: V5H8911.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.638	1.638	(0.332)	63731	10.0000	10
2	Chloromethane	50	1.789	1.801	(0.362)	141008	10.0000	10
3	Vinyl Chloride	62	1.928	1.929	(0.391)	131219	10.0000	10
4	Bromomethane	94	2.207	2.219	(0.447)	86266	10.0000	10
5	Chloroethane	64	2.300	2.300	(0.466)	72565	10.0000	10
6	Trichlorofluoromethane	101	2.579	2.591	(0.522)	149100	10.0000	10
7	1,1-Dichloroethene	96	3.031	3.032	(0.614)	89267	10.0000	10
9	Acetone	43	3.078	3.078	(0.624)	65256	10.0000	10
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.078	3.078	(0.624)	108987	10.0000	10
10	Carbon Disulfide	76	3.241	3.241	(0.657)	334575	10.0000	10
11	Methyl Acetate	43	3.392	3.392	(0.687)	108700	10.0000	10
12	Methylene Chloride	84	3.496	3.496	(0.708)	114918	10.0000	10
13	trans-1,2-Dichloroethene	96	3.763	3.752	(0.762)	109611	10.0000	10
14	Methyl tert-Butyl Ether	73	3.775	3.775	(0.765)	317044	10.0000	10
15	1,1-Dichloroethane	63	4.146	4.147	(0.840)	265194	10.0000	10
16	cis-1,2-Dichloroethene	96	4.704	4.704	(0.953)	109545	10.0000	10
17	2-Butanone	43	4.727	4.716	(0.958)	73557	10.0000	9(a)
* 18	Bromochloromethane	128	4.936	4.936	(1.000)	336821	50.0000	
20	Chloroform	83	5.017	5.006	(1.016)	236377	10.0000	10
21	1,1,1-Trichloroethane	97	5.203	5.204	(0.878)	171027	10.0000	10
22	Cyclohexane	56	5.261	5.262	(0.888)	191755	10.0000	9(a)
23	Carbon Tetrachloride	117	5.366	5.366	(0.906)	152352	10.0000	10

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8913.D
Report Date: 16-Jul-2007 16:03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24 1,2-Dichloroethane-d4	65	5.493	5.482	(1.113)	157728	10.0000	10
	25 Benzene	78	5.552	5.552	(0.937)	445634	10.0000	10
	26 1,2-Dichloroethane	62	5.563	5.564	(1.127)	190554	10.0000	10
*	27 1,4-Difluorobenzene	114	5.923	5.924	(1.000)	1592558	50.0000	
	28 Trichloroethene	130	6.190	6.191	(1.045)	104143	10.0000	10
	29 Methylcyclohexane	83	6.399	6.400	(1.080)	146309	10.0000	10
	30 1,2-Dichloropropane	63	6.411	6.411	(1.082)	140935	10.0000	10
	31 Bromodichloromethane	83	6.690	6.690	(1.129)	151604	10.0000	10
	33 cis-1,3-Dichloropropene	75	7.154	7.154	(1.208)	140443	10.0000	9(a)
	34 4-Methyl-2-Pentanone	43	7.317	7.305	(0.812)	107619	10.0000	9(a)
$	35 Toluene-d8	98	7.444	7.433	(0.826)	302237	10.0000	9(a)
	36 Toluene	91	7.514	7.503	(0.834)	375721	10.0000	10
	37 trans-1,3-Dichloropropene	75	7.746	7.735	(1.308)	128037	10.0000	9(a)
	38 1,1,2-Trichloroethane	97	7.932	7.921	(1.339)	92788	10.0000	10
	39 Tetrachloroethene	164	8.106	8.107	(0.899)	77305	10.0000	10
	40 2-Hexanone	43	8.257	8.211	(0.916)	16913	10.0000	3(a)
	41 Dibromochloromethane	129	8.362	8.362	(1.412)	110657	10.0000	10(T)
	42 1,2-Dibromoethane	107	8.490	8.490	(0.942)	97975	10.0000	10
*	43 Chlorobenzene-d5	117	9.012	9.013	(1.000)	1328662	50.0000	
	44 Chlorobenzene	112	9.035	9.036	(1.003)	260788	10.0000	10
	45 Ethylbenzene	106	9.175	9.164	(1.018)	110202	10.0000	9(a)
	46 m,p-Xylene	106	9.303	9.303	(1.032)	287347	20.0000	18
	47 o-Xylene	106	9.755	9.756	(1.082)	127890	10.0000	9(a)
	48 Styrene	104	9.779	9.767	(1.085)	136958	10.0000	9(a)
	49 Bromoform	173	9.976	9.976	(1.684)	59394	10.0000	9(a)
	50 Isopropylbenzene	105	10.185	10.186	(1.130)	324778	10.0000	9(a)
$	51 Bromofluorobenzene	95	10.371	10.360	(1.151)	103405	10.0000	9(a)
	52 1,1,2,2-Tetrachloroethane	83	10.522	10.522	(1.168)	124261	10.0000	10
M	53 Xylene (Total)	106				415237	10.0000	27
	54 1,3-Dichlorobenzene	146	11.672	11.660	(1.295)	143491	10.0000	9(a)
	55 1,4-Dichlorobenzene	146	11.776	11.765	(1.307)	167955	10.0000	9(a)
	56 1,2-Dichlorobenzene	146	12.217	12.206	(1.356)	142821	10.0000	9(a)
	57 1,2-Dibromo-3-chloropropane	75	13.170	13.147	(1.461)	15444	10.0000	10
	58 1,2,4-Trichlorobenzene	180	14.192	14.180	(1.575)	46712	10.0000	8(a)

QC Flag Legend

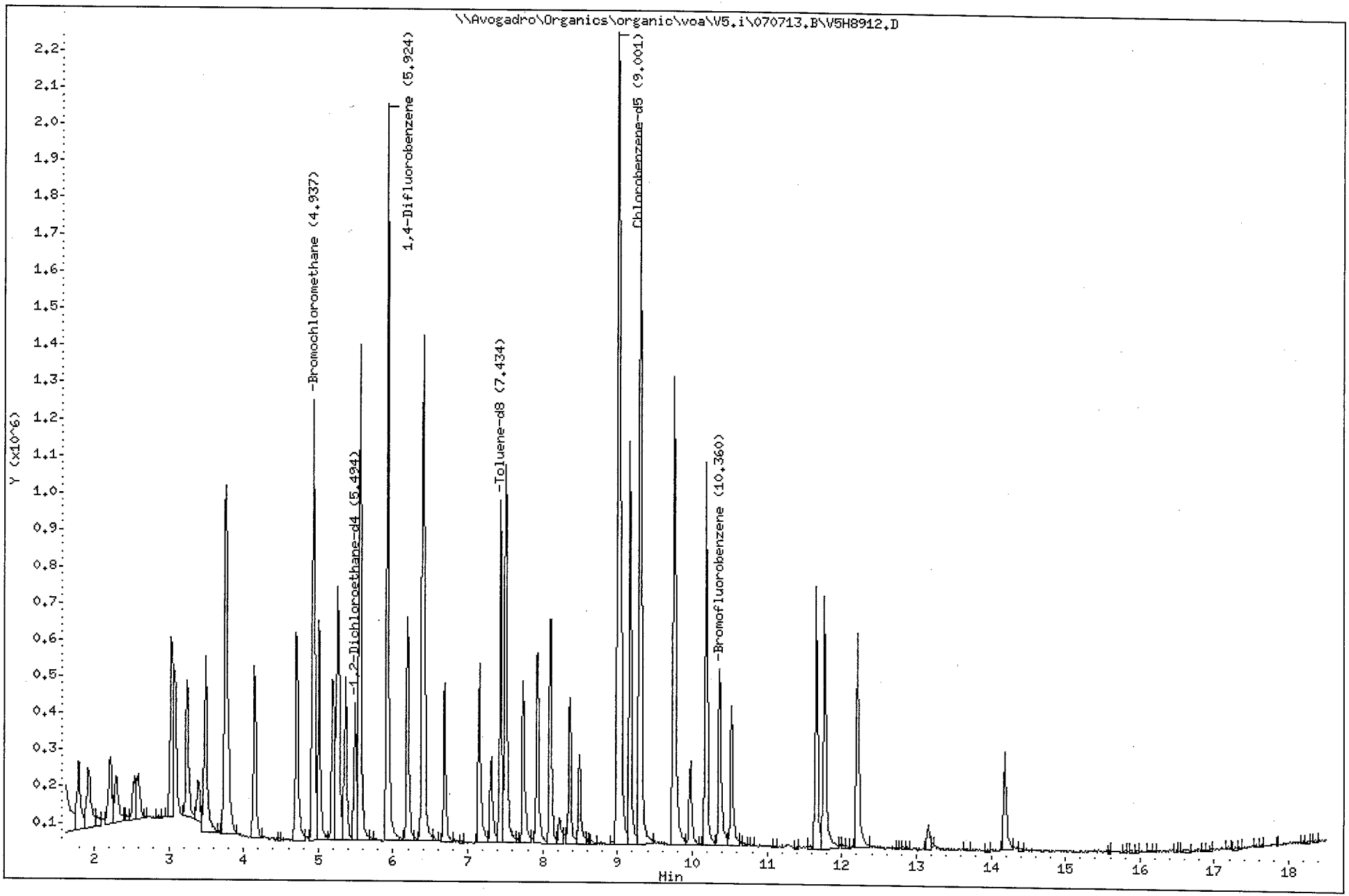
HZA 07/16/07

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

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8912.D
Date : 13-JUL-2007 12:32
Client ID: VSTD020Q5
Sample Info: 5ML,VSTD020Q5,VSTD020Q5
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8912.D
Report Date: 16-Jul-2007 16:03

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8912.D
Lab Smp Id: VSTD020Q5 Client Smp ID: VSTD020Q5
Inj Date : 13-JUL-2007 12:32
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD020Q5,VSTD020Q5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070713.B\v5clp4.m
Meth Date : 13-Jul-2007 16:08 weiluo Quant Type: ISTD
Cal Date : 13-JUL-2007 12:03 Cal File: V5H8911.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.638	1.638	(0.332)	118473	20.0000	20
2	Chloromethane	50	1.801	1.801	(0.365)	274561	20.0000	20
3	Vinyl Chloride	62	1.917	1.929	(0.388)	266243	20.0000	20
4	Bromomethane	94	2.219	2.219	(0.450)	187323	20.0000	21
5	Chloroethane	64	2.289	2.300	(0.464)	149106	20.0000	20
6	Trichlorofluoromethane	101	2.591	2.591	(0.525)	298862	20.0000	20
7	1,1-Dichloroethene	96	3.032	3.032	(0.614)	182742	20.0000	20
9	Acetone	43	3.078	3.078	(0.624)	150637	20.0000	23
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.078	3.078	(0.624)	214700	20.0000	20
10	Carbon Disulfide	76	3.241	3.241	(0.657)	698317	20.0000	21
11	Methyl Acetate	43	3.392	3.392	(0.687)	209793	20.0000	21
12	Methylene Chloride	84	3.496	3.496	(0.708)	240933	20.0000	20
13	trans-1,2-Dichloroethene	96	3.752	3.752	(0.760)	231335	20.0000	20
14	Methyl tert-Butyl Ether	73	3.775	3.775	(0.765)	656854	20.0000	20
15	1,1-Dichloroethane	63	4.147	4.147	(0.840)	554094	20.0000	20
16	cis-1,2-Dichloroethene	96	4.704	4.704	(0.953)	226240	20.0000	20
17	2-Butanone	43	4.727	4.716	(0.958)	174125	20.0000	20
* 18	Bromochloromethane	128	4.936	4.936	(1.000)	333565	50.0000	
20	Chloroform	83	5.006	5.006	(1.014)	472109	20.0000	20
21	1,1,1-Trichloroethane	97	5.203	5.204	(0.878)	365165	20.0000	20
22	Cyclohexane	56	5.262	5.262	(0.888)	408004	20.0000	20
23	Carbon Tetrachloride	117	5.366	5.366	(0.906)	319973	20.0000	20

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8912.D
Report Date: 16-Jul-2007 16:03

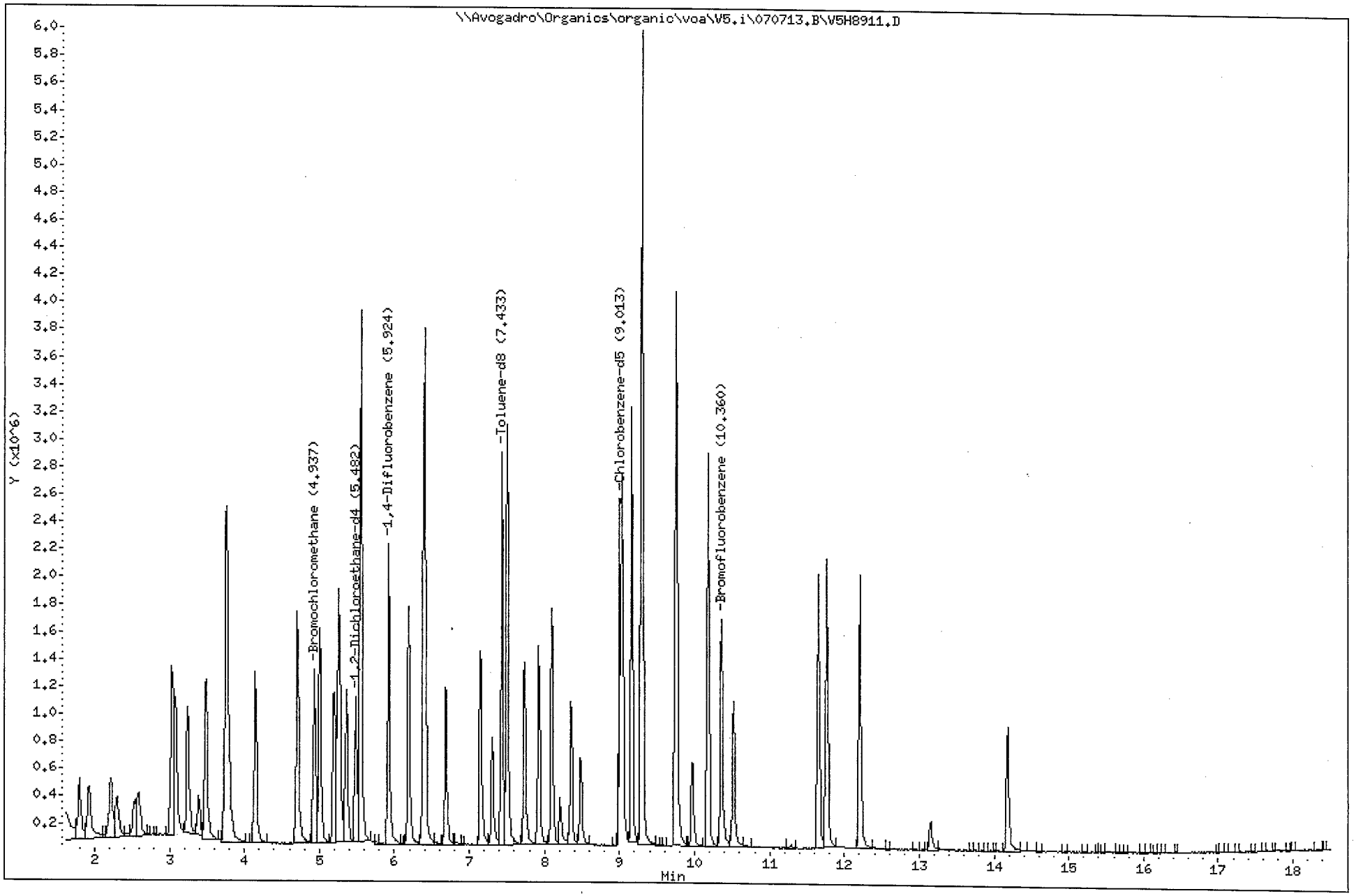
		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24	1,2-Dichloroethane-d4	65	5.482	5.482	(1.111)	326057	20.0000	20
	25	Benzene	78	5.552	5.552	(0.937)	949128	20.0000	20
	26	1,2-Dichloroethane	62	5.563	5.564	(1.127)	411360	20.0000	21
*	27	1,4-Difluorobenzene	114	5.923	5.924	(1.000)	1591516	50.0000	
	28	Trichloroethene	130	6.191	6.191	(1.045)	218778	20.0000	20
	29	Methylcyclohexane	83	6.400	6.400	(1.080)	304329	20.0000	20
	30	1,2-Dichloropropane	63	6.411	6.411	(1.082)	305366	20.0000	20
	31	Bromodichloromethane	83	6.690	6.690	(1.129)	325789	20.0000	20
	33	cis-1,3-Dichloropropene	75	7.154	7.154	(1.208)	323047	20.0000	19
	34	4-Methyl-2-Pentanone	43	7.317	7.305	(0.813)	250232	20.0000	19
$	35	Toluene-d8	98	7.433	7.433	(0.826)	653890	20.0000	20
	36	Toluene	91	7.503	7.503	(0.834)	811834	20.0000	20
	37	trans-1,3-Dichloropropene	75	7.735	7.735	(1.306)	301669	20.0000	20
	38	1,1,2-Trichloroethane	97	7.933	7.921	(1.339)	188231	20.0000	20
	39	Tetrachloroethene	164	8.107	8.107	(0.901)	153554	20.0000	20
	40	2-Hexanone	43	8.223	8.211	(0.914)	138929	20.0000	18
	41	Dibromochloromethane	129	8.362	8.362	(1.412)	228418	20.0000	20
	42	1,2-Dibromoethane	107	8.490	8.490	(0.943)	204840	20.0000	20
*	43	Chlorobenzene-d5	117	9.001	9.013	(1.000)	1342772	50.0000	
	44	Chlorobenzene	112	9.036	9.036	(1.004)	525338	20.0000	20
	45	Ethylbenzene	106	9.164	9.164	(1.018)	251891	20.0000	20
	46	m,p-Xylene	106	9.303	9.303	(1.034)	672087	40.0000	40
	47	o-Xylene	106	9.756	9.756	(1.084)	290521	20.0000	19
	48	Styrene	104	9.767	9.767	(1.085)	324144	20.0000	19
	49	Bromoform	173	9.976	9.976	(1.684)	132688	20.0000	20
	50	Isopropylbenzene	105	10.185	10.186	(1.132)	756285	20.0000	19
$	51	Bromofluorobenzene	95	10.360	10.360	(1.151)	237663	20.0000	19
	52	1,1,2,2-Tetrachloroethane	83	10.522	10.522	(1.169)	268068	20.0000	21
M	53	Xylene (Total)	106				962608	20.0000	59
	54	1,3-Dichlorobenzene	146	11.660	11.660	(1.295)	337490	20.0000	19
	55	1,4-Dichlorobenzene	146	11.765	11.765	(1.307)	379654	20.0000	20
	56	1,2-Dichlorobenzene	146	12.206	12.206	(1.356)	329052	20.0000	20
	57	1,2-Dibromo-3-chloropropane	75	13.158	13.147	(1.462)	34738	20.0000	21
	58	1,2,4-Trichlorobenzene	180	14.180	14.180	(1.575)	123296	20.0000	20

NZA 07/16/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8911.D
Date : 13-JUL-2007 12:03
Client ID: VSTD050Q5
Sample Info: 5ML,VSTD050Q5,VSTD050Q5
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8911.D
Report Date: 16-Jul-2007 16:03

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8911.D
Lab Smp Id: VSTD050Q5 Client Smp ID: VSTD050Q5
Inj Date : 13-JUL-2007 12:03
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD050Q5,VSTD050Q5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070713.B\v5clp4.m
Meth Date : 13-Jul-2007 16:08 weiluo Quant Type: ISTD
Cal Date : 13-JUL-2007 12:03 Cal File: V5H8911.D
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.638	1.638	(0.332)	326948	50.0000	50
2	Chloromethane	50	1.801	1.801	(0.365)	707541	50.0000	50
3	Vinyl Chloride	62	1.928	1.929	(0.391)	684931	50.0000	50
4	Bromomethane	94	2.219	2.219	(0.450)	459401	50.0000	50
5	Chloroethane	64	2.300	2.300	(0.466)	384856	50.0000	50
6	Trichlorofluoromethane	101	2.590	2.591	(0.525)	772276	50.0000	50
7	1,1-Dichloroethene	96	3.032	3.032	(0.614)	471333	50.0000	50
9	Acetone	43	3.078	3.078	(0.624)	299747	50.0000	50
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.078	3.078	(0.624)	561498	50.0000	50
10	Carbon Disulfide	76	3.241	3.241	(0.657)	1783100	50.0000	50
11	Methyl Acetate	43	3.392	3.392	(0.687)	531451	50.0000	50
12	Methylene Chloride	84	3.496	3.496	(0.708)	628479	50.0000	50
13	trans-1,2-Dichloroethene	96	3.752	3.752	(0.760)	609972	50.0000	50
14	Methyl tert-Butyl Ether	73	3.775	3.775	(0.765)	1779153	50.0000	50
15	1,1-Dichloroethane	63	4.146	4.147	(0.840)	1445974	50.0000	50
16	cis-1,2-Dichloroethene	96	4.704	4.704	(0.953)	610174	50.0000	50
17	2-Butanone	43	4.716	4.716	(0.955)	458204	50.0000	50
* 18	Bromochloromethane	128	4.936	4.936	(1.000)	360590	50.0000	
20	Chloroform	83	5.006	5.006	(1.014)	1234483	50.0000	50
21	1,1,1-Trichloroethane	97	5.203	5.204	(0.878)	937489	50.0000	50
22	Cyclohexane	56	5.261	5.262	(0.888)	1123937	50.0000	50
23	Carbon Tetrachloride	117	5.366	5.366	(0.906)	825477	50.0000	50

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8911.D
Report Date: 16-Jul-2007 16:03

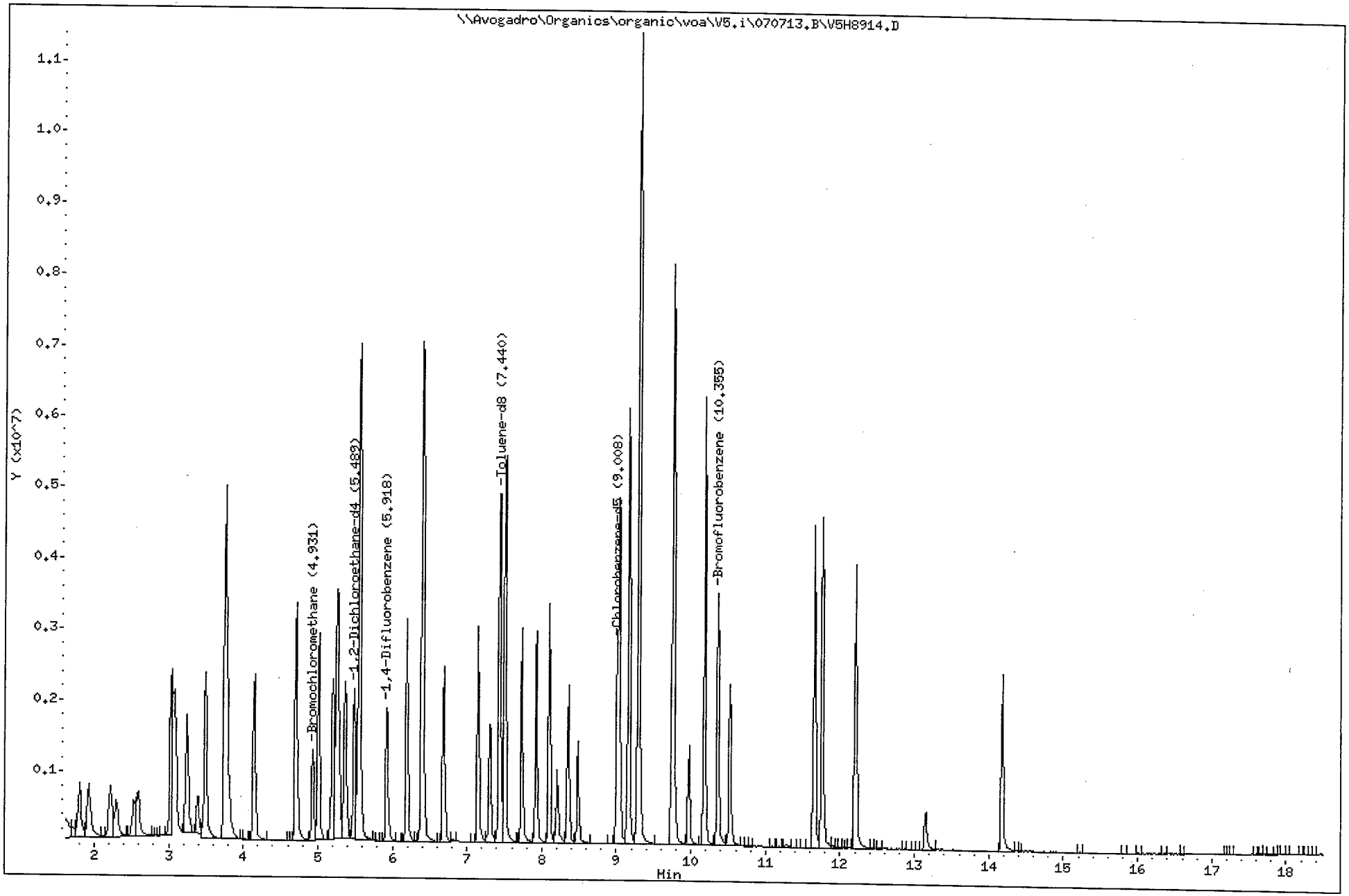
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24 1,2-Dichloroethane-d4	65	5.482	5.482	(1.111)	907256	50.0000	50
	25 Benzene	78	5.552	5.552	(0.937)	2587203	50.0000	50
	26 1,2-Dichloroethane	62	5.563	5.564	(1.127)	1046455	50.0000	50
*	27 1,4-Difluorobenzene	114	5.923	5.924	(1.000)	1703734	50.0000	
	28 Trichloroethene	130	6.190	6.191	(1.045)	569102	50.0000	50
	29 Methylcyclohexane	83	6.399	6.400	(1.080)	847030	50.0000	50
	30 1,2-Dichloropropane	63	6.399	6.411	(1.080)	800555	50.0000	50
	31 Bromodichloromethane	83	6.678	6.690	(1.127)	869742	50.0000	50
	33 cis-1,3-Dichloropropene	75	7.143	7.154	(1.206)	912248	50.0000	50
	34 4-Methyl-2-Pentanone	43	7.305	7.305	(0.812)	732452	50.0000	50
$	35 Toluene-d8	98	7.433	7.433	(0.826)	1872665	50.0000	50
	36 Toluene	91	7.503	7.503	(0.834)	2269358	50.0000	50
	37 trans-1,3-Dichloropropene	75	7.735	7.735	(1.306)	836257	50.0000	50
	38 1,1,2-Trichloroethane	97	7.921	7.921	(1.337)	492317	50.0000	50
	39 Tetrachloroethene	164	8.095	8.107	(0.899)	404912	50.0000	50
	40 2-Hexanone	43	8.211	8.211	(0.912)	448221	50.0000	50
	41 Dibromochloromethane	129	8.350	8.362	(1.410)	621157	50.0000	50
	42 1,2-Dibromoethane	107	8.478	8.490	(0.942)	546490	50.0000	50
*	43 Chlorobenzene-d5	117	9.001	9.013	(1.000)	1480976	50.0000	
	44 Chlorobenzene	112	9.036	9.036	(1.004)	1435103	50.0000	50
	45 Ethylbenzene	106	9.163	9.164	(1.018)	726647	50.0000	50
	46 m,p-Xylene	106	9.291	9.303	(1.032)	1882397	100.000	100
	47 o-Xylene	106	9.744	9.756	(1.083)	891040	50.0000	50
	48 Styrene	104	9.767	9.767	(1.085)	976298	50.0000	50
	49 Bromoform	173	9.976	9.976	(1.684)	356432	50.0000	50
	50 Isopropylbenzene	105	10.185	10.186	(1.132)	2218609	50.0000	50
$	51 Bromofluorobenzene	95	10.359	10.360	(1.151)	712441	50.0000	50
	52 1,1,2,2-Tetrachloroethane	83	10.522	10.522	(1.169)	695985	50.0000	50
M	53 Xylene (Total)	106				2773437	50.0000	150
	54 1,3-Dichlorobenzene	146	11.660	11.660	(1.295)	984942	50.0000	50
	55 1,4-Dichlorobenzene	146	11.765	11.765	(1.307)	1065306	50.0000	50
	56 1,2-Dichlorobenzene	146	12.206	12.206	(1.356)	938604	50.0000	50
	57 1,2-Dibromo-3-chloropropane	75	13.158	13.147	(1.462)	83079	50.0000	50
	58 1,2,4-Trichlorobenzene	180	14.180	14.180	(1.575)	353087	50.0000	50

HZA 07/16/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8914.D
Date : 13-JUL-2007 13:31
Client ID: VSTD100Q5
Sample Info: 5ML,VSTD100Q5,VSTD100Q5
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



0819

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8914.D
Report Date: 16-Jul-2007 16:03

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8914.D
Lab Smp Id: VSTD100Q5 Client Smp ID: VSTD100Q5
Inj Date : 13-JUL-2007 13:31
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD100Q5,VSTD100Q5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070713.B\v5clp4.m
Meth Date : 13-Jul-2007 16:08 weiluo Quant Type: ISTD
Cal Date : 13-JUL-2007 12:03 Cal File: V5H8911.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.633	1.638	(0.331)	635976	100.000	100
2	Chloromethane	50	1.807	1.801	(0.367)	1345611	100.000	99
3	Vinyl Chloride	62	1.923	1.929	(0.390)	1317576	100.000	100
4	Bromomethane	94	2.213	2.219	(0.449)	794369	100.000	92
5	Chloroethane	64	2.295	2.300	(0.465)	658038	100.000	93
6	Trichlorofluoromethane	101	2.585	2.591	(0.524)	1489806	100.000	100
7	1,1-Dichloroethene	96	3.038	3.032	(0.616)	884031	100.000	99
9	Acetone	43	3.073	3.078	(0.623)	594805	100.000	93
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.073	3.078	(0.623)	1095520	100.000	100
10	Carbon Disulfide	76	3.247	3.241	(0.659)	3350244	100.000	99
11	Methyl Acetate	43	3.398	3.392	(0.689)	1005087	100.000	97
12	Methylene Chloride	84	3.491	3.496	(0.708)	1171356	100.000	100
13	trans-1,2-Dichloroethene	96	3.758	3.752	(0.762)	1173376	100.000	100
14	Methyl tert-Butyl Ether	73	3.770	3.775	(0.765)	3544278	100.000	110
15	1,1-Dichloroethane	63	4.153	4.147	(0.842)	2704039	100.000	100
16	cis-1,2-Dichloroethene	96	4.710	4.704	(0.955)	1189244	100.000	100
17	2-Butanone	43	4.722	4.716	(0.958)	914962	100.000	110
* 18	Bromochloromethane	128	4.931	4.936	(1.000)	334887	50.0000	
20	Chloroform	83	5.012	5.006	(1.016)	2300117	100.000	99
21	1,1,1-Trichloroethane	97	5.198	5.204	(0.877)	1815263	100.000	100
22	Cyclohexane	56	5.256	5.262	(0.886)	2322524	100.000	110
23	Carbon Tetrachloride	117	5.361	5.366	(0.904)	1583518	100.000	100

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8914.D
Report Date: 16-Jul-2007 16:03

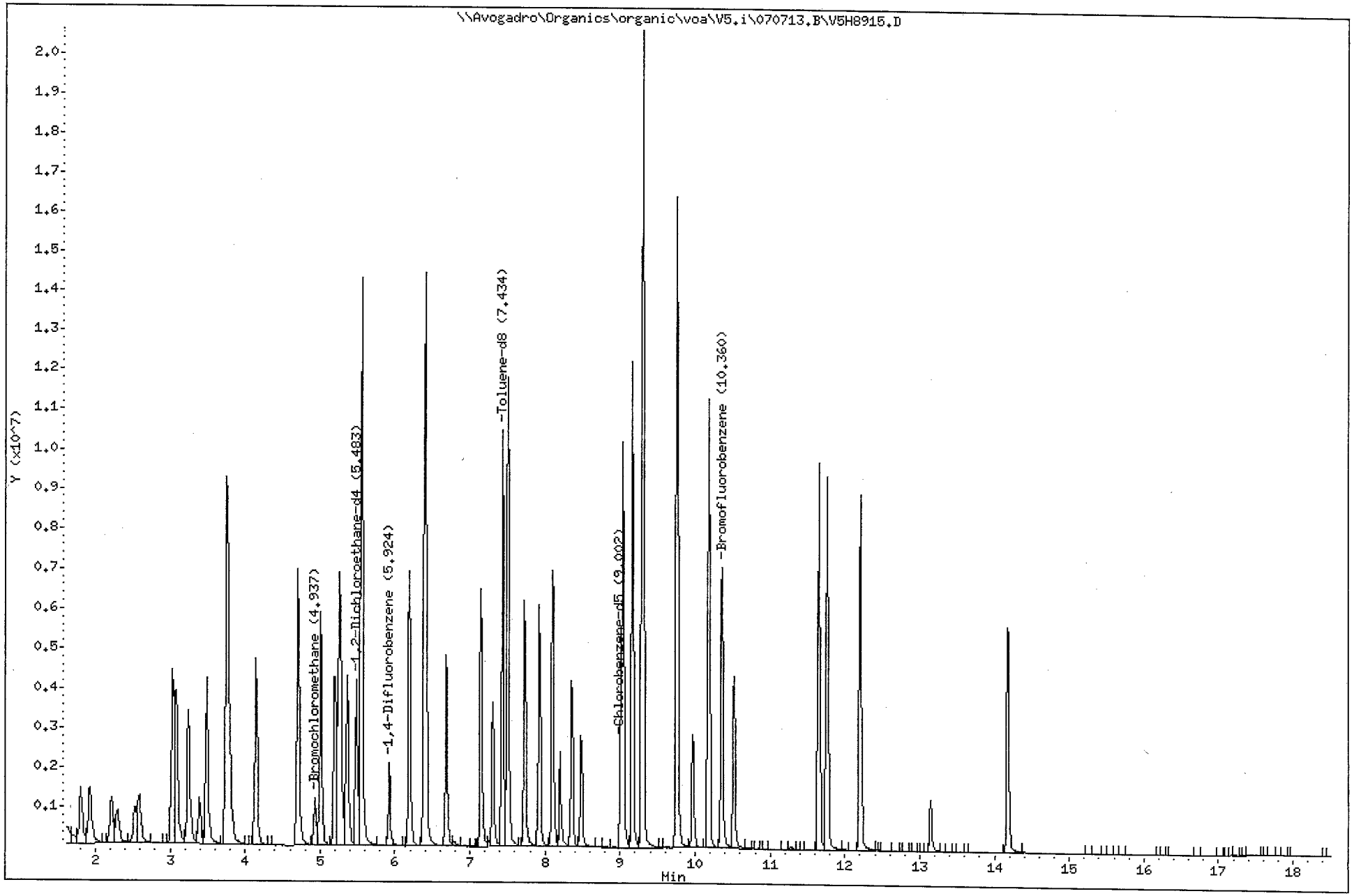
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24 1,2-Dichloroethane-d4	65	5.488	5.482	(1.113)	1551983	100.000	96
	25 Benzene	78	5.546	5.552	(0.935)	4894186	100.000	100
	26 1,2-Dichloroethane	62	5.558	5.564	(1.127)	1996031	100.000	100
*	27 1,4-Difluorobenzene	114	5.930	5.924	(1.000)	1595853	50.0000	
	28 Trichloroethene	130	6.197	6.191	(1.045)	1105764	100.000	100
	29 Methylcyclohexane	83	6.394	6.400	(1.078)	1773285	100.000	110
	30 1,2-Dichloropropane	63	6.406	6.411	(1.080)	1516765	100.000	100
	31 Bromodichloromethane	83	6.684	6.690	(1.127)	1634166	100.000	100
	33 cis-1,3-Dichloropropene	75	7.149	7.154	(1.206)	1796477	100.000	110
	34 4-Methyl-2-Pentanone	43	7.300	7.305	(0.810)	1605221	100.000	120
$	35 Toluene-d8	98	7.439	7.433	(0.826)	3613771	100.000	100
	36 Toluene	91	7.509	7.503	(0.834)	4373939	100.000	100
	37 trans-1,3-Dichloropropene	75	7.730	7.735	(1.304)	1669284	100.000	110
	38 1,1,2-Trichloroethane	97	7.927	7.921	(1.337)	965045	100.000	100
	39 Tetrachloroethene	164	8.101	8.107	(0.899)	794624	100.000	99
	40 2-Hexanone	43	8.206	8.211	(0.911)	1077057	100.000	150
	41 Dibromochloromethane	129	8.357	8.362	(1.409)	1217067	100.000	110
	42 1,2-Dibromoethane	107	8.485	8.490	(0.942)	1101571	100.000	100
*	43 Chlorobenzene-d5	117	9.007	9.013	(1.000)	1412665	50.0000	
	44 Chlorobenzene	112	9.042	9.036	(1.004)	2790552	100.000	100
	45 Ethylbenzene	106	9.158	9.164	(1.017)	1439613	100.000	110
	46 m,p-Xylene	106	9.297	9.303	(1.032)	3589509	200.000	210
	47 o-Xylene	106	9.750	9.756	(1.083)	1754948	100.000	110
	48 Styrene	104	9.762	9.767	(1.084)	1937806	100.000	110
	49 Bromoform	173	9.971	9.976	(1.681)	727843	100.000	110
	50 Isopropylbenzene	105	10.180	10.186	(1.130)	4399636	100.000	110
$	51 Bromofluorobenzene	95	10.354	10.360	(1.150)	1410953	100.000	110
	52 1,1,2,2-Tetrachloroethane	83	10.517	10.522	(1.168)	1398276	100.000	100
M	53 Xylene (Total)	106				5344457	100.000	320
	54 1,3-Dichlorobenzene	146	11.655	11.660	(1.294)	2074688	100.000	110
	55 1,4-Dichlorobenzene	146	11.759	11.765	(1.306)	2158231	100.000	110
	56 1,2-Dichlorobenzene	146	12.201	12.206	(1.355)	1958441	100.000	110
	57 1,2-Dibromo-3-chloropropane	75	13.153	13.147	(1.460)	190282	100.000	110
	58 1,2,4-Trichlorobenzene	180	14.175	14.180	(1.574)	861760	100.000	130

MA 07/16/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8915.D
Date : 13-JUL-2007 14:00
Client ID: VSTD200Q5
Sample Info: 5ML,VSTD200Q5,VSTD200Q5
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



0519

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8915.D
Report Date: 16-Jul-2007 16:03

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8915.D
Lab Smp Id: VSTD200Q5 Client Smp ID: VSTD200Q5
Inj Date : 13-JUL-2007 14:00
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD200Q5,VSTD200Q5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070713.B\v5clp4.m
Meth Date : 13-Jul-2007 16:08 weiluo Quant Type: ISTD
Cal Date : 13-JUL-2007 12:03 Cal File: V5H8911.D
Als bottle: 6 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.638	1.638	(0.332)	1225609	200.000	200
2	Chloromethane	50	1.801	1.801	(0.365)	2658598	200.000	200
3	Vinyl Chloride	62	1.929	1.929	(0.391)	2610245	200.000	200
4	Bromomethane	94	2.219	2.219	(0.450)	1286448	200.000	160
5	Chloroethane	64	2.300	2.300	(0.466)	1150752	200.000	170
6	Trichlorofluoromethane	101	2.591	2.591	(0.525)	2841672	200.000	200
7	1,1-Dichloroethene	96	3.032	3.032	(0.614)	1710792	200.000	200
9	Acetone	43	3.078	3.078	(0.624)	1075808	200.000	180
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.078	3.078	(0.624)	2011069	200.000	190
10	Carbon Disulfide	76	3.241	3.241	(0.657)	6447733	200.000	200
11	Methyl Acetate	43	3.392	3.392	(0.687)	1969440	200.000	200
12	Methylene Chloride	84	3.485	3.496	(0.706)	2195060	200.000	190
13	trans-1,2-Dichloroethene	96	3.752	3.752	(0.760)	2397949	200.000	210(A)
14	Methyl tert-Butyl Ether	73	3.775	3.775	(0.765)	7091798	200.000	210(A)
15	1,1-Dichloroethane	63	4.147	4.147	(0.840)	5324605	200.000	200
16	cis-1,2-Dichloroethene	96	4.704	4.704	(0.953)	2489749	200.000	220(A)
17	2-Butanone	43	4.716	4.716	(0.955)	1782708	200.000	210(A)
* 18	Bromochloromethane	128	4.936	4.936	(1.000)	329307	50.0000	
20	Chloroform	83	5.006	5.006	(1.014)	4515238	200.000	200
21	1,1,1-Trichloroethane	97	5.192	5.204	(0.876)	3614162	200.000	200
22	Cyclohexane	56	5.262	5.262	(0.888)	4540671	200.000	210(A)
23	Carbon Tetrachloride	117	5.366	5.366	(0.906)	3135296	200.000	200

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8915.D
Report Date: 16-Jul-2007 16:03

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24 1,2-Dichloroethane-d4	65	5.482	5.482	(1.111)	3039987	200.000	190
	25 Benzene	78	5.552	5.552	(0.937)	9581017	200.000	200
	26 1,2-Dichloroethane	62	5.564	5.564	(1.127)	3864389	200.000	200
*	27 1,4-Difluorobenzene	114	5.924	5.924	(1.000)	1637994	50.0000	
	28 Trichloroethene	130	6.191	6.191	(1.045)	2288088	200.000	210(A)
	29 Methylcyclohexane	83	6.400	6.400	(1.080)	3486177	200.000	210(A)
	30 1,2-Dichloropropane	63	6.400	6.411	(1.080)	2965137	200.000	200
	31 Bromodichloromethane	83	6.678	6.690	(1.127)	3245718	200.000	200
	33 cis-1,3-Dichloropropene	75	7.143	7.154	(1.206)	3658027	200.000	210(A)
	34 4-Methyl-2-Pentanone	43	7.306	7.305	(0.812)	3196329	200.000	220(A)
$	35 Toluene-d8	98	7.433	7.433	(0.826)	7075090	200.000	200
	36 Toluene	91	7.503	7.503	(0.834)	8520572	200.000	200
	37 trans-1,3-Dichloropropene	75	7.724	7.735	(1.304)	3457969	200.000	220(A)
	38 1,1,2-Trichloroethane	97	7.921	7.921	(1.337)	1946280	200.000	200
	39 Tetrachloroethene	164	8.095	8.107	(0.899)	1659100	200.000	200
	40 2-Hexanone	43	8.200	8.211	(0.911)	2270147	200.000	280(A)
	41 Dibromochloromethane	129	8.351	8.362	(1.410)	2492180	200.000	210(A)
	42 1,2-Dibromoethane	107	8.478	8.490	(0.942)	2248122	200.000	210(A)
*	43 Chlorobenzene-d5	117	9.001	9.013	(1.000)	1431310	50.0000	
	44 Chlorobenzene	112	9.036	9.036	(1.004)	5548452	200.000	200
	45 Ethylbenzene	106	9.164	9.164	(1.018)	2920056	200.000	210(A)
	46 m,p-Xylene	106	9.303	9.303	(1.034)	7094104	400.000	410(A)
	47 o-Xylene	106	9.756	9.756	(1.084)	3490993	200.000	210(A)
	48 Styrene	104	9.768	9.767	(1.085)	3977155	200.000	220(A)
	49 Bromoform	173	9.965	9.976	(1.682)	1541288	200.000	220(A)
	50 Isopropylbenzene	105	10.186	10.186	(1.132)	8798792	200.000	210(A)
$	51 Bromofluorobenzene	95	10.360	10.360	(1.151)	2912130	200.000	220(A)
	52 1,1,2,2-Tetrachloroethane	83	10.522	10.522	(1.169)	2750285	200.000	200
M	53 Xylene (Total)	106				10585097	200.000	620
	54 1,3-Dichlorobenzene	146	11.649	11.660	(1.294)	4420343	200.000	230(A)
	55 1,4-Dichlorobenzene	146	11.765	11.765	(1.307)	4632292	200.000	220(A)
	56 1,2-Dichlorobenzene	146	12.206	12.206	(1.356)	4154501	200.000	230(A)
	57 1,2-Dibromo-3-chloropropane	75	13.147	13.147	(1.461)	398544	200.000	220(A)
	58 1,2,4-Trichlorobenzene	180	14.180	14.180	(1.575)	2126027	200.000	280(A)

QC Flag Legend

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

IZA 07/16/07

Report Date : 13-Jul-2007 14:22

Mitkem Corporation

INITIAL CALIBRATION DATA

Start Cal Date : 13-JUL-2007 12:03
End Cal Date : 13-JUL-2007 14:00
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\Avogadro\Organics\organic\voa\V5.i\070713.B\v5clp4.m
Last Edit : 13-Jul-2007 14:22 weiluo
Curve Type : Average

Calibration File Names:
Level 1: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8913.D
Level 2: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8912.D
Level 3: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8911.D
Level 4: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8914.D
Level 5: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8915.D

Compound	10.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	200.000 Level 5	RRF	% RSD	
1 Dichlorodifluoromethane	0.94607	0.88793	0.90670	0.94954	0.93045	0.92414	2.853	
2 Chloromethane	2.09322	2.05778	1.96218	2.00905	2.01833	2.02811	2.456	
3 Vinyl Chloride	1.94790	1.99544	1.89947	1.96719	1.98162	1.95833	1.906	
4 Bromomethane	1.28059	1.40395	1.27403	1.18603	0.97663	1.22424	12.962	
5 Chloroethane	1.07720	1.11752	1.06730	0.98248	0.87362	1.02362	9.495	
6 Trichlorofluoromethane	2.21334	2.23991	2.14170	2.22434	2.15731	2.19532	1.969	
7 1,1-Dichloroethene	1.32514	1.36961	1.30712	1.31989	1.29878	1.32411	2.075	
9 Acetone	0.96870	1.12899	0.83127	0.88807	0.81672	0.92675	13.795	
8 1,1,2-Trichloro-1,2,2-trifluo	1.61788	1.60913	1.55716	1.63566	1.52674	1.58931	2.867	
10 Carbon Disulfide	4.96666	5.23374	4.94495	5.00205	4.89493	5.00847	2.631	
11 Methyl Acetate	1.61362	1.57235	1.47384	1.50064	1.49514	1.53112	3.865	
12 Methylene Chloride	1.70592	1.80574	1.74292	1.74888	1.66642	1.73398	2.997	
13 trans-1,2-Dichloroethene	1.62714	1.73381	1.69159	1.75190	1.82045	1.72498	4.161	
14 Methyl tert-Butyl Ether	4.70642	4.92298	4.93401	5.29175	5.38388	5.04781	5.582	
15 1,1-Dichloroethane	3.93672	4.15282	4.01002	4.03724	4.04228	4.03582	1.928	
16 cis-1,2-Dichloroethene	1.62616	1.69562	1.69215	1.77559	1.89014	1.73593	5.828	
17 2-Butanone	1.09193	1.30503	1.27071	1.36608	1.35338	1.27742	8.650	
20 Chloroform	3.50894	3.53836	3.42351	3.43417	3.42783	3.46656	1.537	
19 Tetrahydrofuran	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
21 1,1,1-Trichloroethane	0.53696	0.57361	0.55026	0.56874	0.55161	0.55624	2.677	
22 Cyclohexane	0.60203	0.64090	0.65969	0.72767	0.69302	0.66467	7.249	
23 Carbon Tetrachloride	0.47832	0.50262	0.48451	0.49614	0.47853	0.48802	2.234	
25 Benzene	1.39911	1.49092	1.51855	1.53341	1.46231	1.48086	3.591	
26 1,2-Dichloroethane	2.82871	3.08306	2.90206	2.98016	2.93373	2.94554	3.211	
28 Trichloroethene	0.32697	0.34366	0.33403	0.34645	0.34922	0.34007	2.733	
29 Methylcyclohexane	0.45935	0.47805	0.49716	0.55559	0.53208	0.50445	7.781	
30 1,2-Dichloropropane	0.44248	0.47968	0.46988	0.47522	0.45256	0.46396	3.409	
31 Bromodichloromethane	0.47598	0.51176	0.51049	0.51200	0.49538	0.50112	3.131	
32 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Report Date : 13-Jul-2007 14:22

Mitkem Corporation

INITIAL CALIBRATION DATA

Start Cal Date : 13-JUL-2007 12:03
End Cal Date : 13-JUL-2007 14:00
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\Avogadro\Organics\organic\voa\V5.i\070713.B\v5clp4.m
Last Edit : 13-Jul-2007 14:22 weiluo
Curve Type : Average

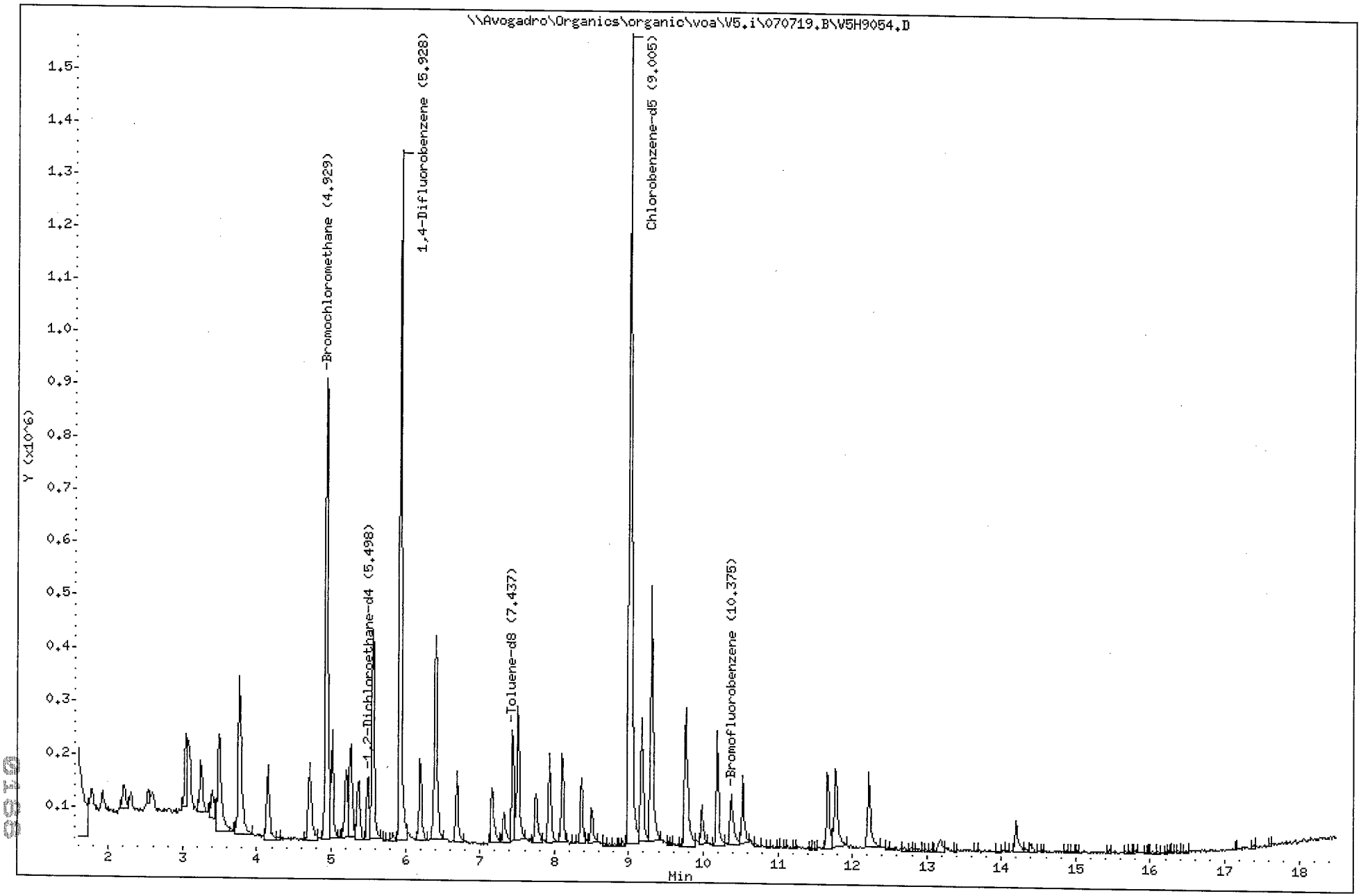
	Compound	10.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	200.000 Level 5	___ RRF	% RSD	
	33 cis-1,3-Dichloropropene	0.44094	0.50745	0.53544	0.56286	0.55831	0.52100	9.571	
	34 4-Methyl-2-Pentanone	0.40499	0.46589	0.49457	0.56815	0.55829	0.49838	13.553	
	36 Toluene	1.41391	1.51149	1.53234	1.54812	1.48825	1.49882	3.505	
	37 trans-1,3-Dichloropropene	0.40199	0.47387	0.49084	0.52301	0.52777	0.48350	10.502	
	38 1,1,2-Trichloroethane	0.29132	0.29568	0.28896	0.30236	0.29705	0.29507	1.768	
	39 Tetrachloroethene	0.29091	0.28589	0.27341	0.28125	0.28979	0.28425	2.514	
	40 2-Hexanone	0.06365	0.25866	0.30265	0.38121	0.39652	0.28054	47.690	
	41 Dibromochloromethane	0.34742	0.35881	0.36459	0.38132	0.38037	0.36650	3.952	
	42 1,2-Dibromoethane	0.36870	0.38138	0.36901	0.38989	0.39267	0.38033	2.964	
	44 Chlorobenzene	0.98139	0.97808	0.96903	0.98769	0.96912	0.97706	0.826	
	45 Ethylbenzene	0.41471	0.46898	0.49065	0.50954	0.51003	0.47878	8.266	
	46 m,p-Xylene	0.54067	0.62565	0.63553	0.63524	0.61955	0.61133	6.555	
	47 o-Xylene	0.48127	0.54090	0.60166	0.62115	0.60975	0.57095	10.330	
	48 Styrene	0.51540	0.60350	0.65923	0.68587	0.69467	0.63173	11.734	
	49 Bromoform	0.18647	0.20843	0.20921	0.22804	0.23524	0.21348	8.945	
	50 Isopropylbenzene	1.22220	1.40807	1.49807	1.55721	1.53684	1.44448	9.470	
	52 1,1,2,2-Tetrachloroethane	0.46762	0.49909	0.46995	0.49491	0.48038	0.48239	2.955	
M	53 Xylene (Total)	0.48127	0.54090	0.60166	0.62115	0.60975	0.57095	10.330	
	54 1,3-Dichlorobenzene	0.53998	0.62835	0.66506	0.73432	0.77208	0.66796	13.639	<-
	55 1,4-Dichlorobenzene	0.63205	0.70685	0.71933	0.76389	0.80910	0.72624	9.128	
	56 1,2-Dichlorobenzene	0.53746	0.61264	0.63377	0.69317	0.72565	0.64054	11.436	
	57 1,2-Dibromo-3-chloropropane	0.05812	0.06468	0.05610	0.06735	0.06961	0.06317	9.256	
	58 1,2,4-Trichlorobenzene	0.17579	0.22955	0.23842	0.30501	0.37134	0.26402	28.613	<-
	59 1,3,5-Trichlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	60 1,2,3-Trichlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	24 1,2-Dichloroethane-d4	2.34142	2.44373	2.51603	2.31717	2.30787	2.38524	3.812	
$	35 Toluene-d8	1.13737	1.21743	1.26448	1.27906	1.23577	1.22682	4.523	
$	51 Bromofluorobenzene	0.38913	0.44249	0.48106	0.49939	0.50865	0.46414	10.558	

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9054.D
Date : 19-JUL-2007 11:05
Client ID: VSTD010X5
Sample Info: 5ML,VSTD010X5,VSTD010X5

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25

Column phase: DB-624



Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9054.D
Report Date: 19-Jul-2007 12:30

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9054.D
Lab Smp Id:
Inj Date : 19-JUL-2007 11:05
Operator : HZA Inst ID: V5.i
Smp Info : 5ML,VSTD010X5,VSTD010X5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719.B\v5clp4h.m
Meth Date : 19-Jul-2007 12:30 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 10:04 Cal File: V5H9052.D
Als bottle: 100 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET103

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.642	1.633	(0.332)	31199	10.0000	8(a)
2	Chloromethane	50	1.770	1.796	(0.358)	82150	10.0000	10
3	Vinyl Chloride	62	1.921	1.924	(0.389)	80142	10.0000	10
4	Bromomethane	94	2.199	2.214	(0.445)	59374	10.0000	11
5	Chloroethane	64	2.292	2.295	(0.464)	48642	10.0000	11
7	1,1-Dichloroethene	96	3.035	3.039	(0.615)	54912	10.0000	10
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.082	3.074	(0.624)	72346	10.0000	10
10	Carbon Disulfide	76	3.244	3.248	(0.657)	204071	10.0000	10
9	Acetone	43	3.082	3.074	(0.624)	62634	10.0000	11
11	Methyl Acetate	43	3.395	3.399	(0.687)	95437	10.0000	11
12	Methylene Chloride	84	3.488	3.492	(0.706)	91116	10.0000	11
13	trans-1,2-Dichloroethene	96	3.755	3.759	(0.760)	70447	10.0000	9(a)
14	Methyl tert-Butyl Ether	73	3.767	3.770	(0.763)	210504	10.0000	9(a)
15	1,1-Dichloroethane	63	4.150	4.154	(0.840)	168021	10.0000	9(a)
17	cis-1,2-Dichloroethene	96	4.708	4.711	(0.953)	68624	10.0000	9(a)
16	2-Butanone	43	4.743	4.723	(0.960)	58507	10.0000	8(a)
* 18	Bromochloromethane	128	4.940	4.932	(1.000)	253599	50.0000	
19	Chloroform	83	5.010	5.013	(1.014)	154082	10.0000	10
20	1,1,1-Trichloroethane	97	5.195	5.199	(0.877)	103938	10.0000	9(a)
21	Cyclohexane	56	5.265	5.257	(0.888)	102465	10.0000	8(a)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9054.D
Report Date: 19-Jul-2007 12:30

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.370	5.361	(0.906)	89843	10.0000	9(a)
$	23 1,2-Dichloroethane-d4	65	5.497	5.489	(1.113)	117936	10.0000	10
	25 Benzene	78	5.555	5.547	(0.937)	279439	10.0000	9(a)
	24 1,2-Dichloroethane	62	5.567	5.559	(1.127)	139952	10.0000	10
*	26 1,4-Difluorobenzene	114	5.927	5.930	(1.000)	1058938	50.0000	
	27 Trichloroethene	130	6.194	6.197	(1.045)	65810	10.0000	10
	28 Methylcyclohexane	83	6.403	6.395	(1.080)	82134	10.0000	8(a)
	29 1,2-Dichloropropane	63	6.415	6.406	(1.082)	97758	10.0000	9(a)
	30 Bromodichloromethane	83	6.694	6.685	(1.129)	105980	10.0000	9(a)
	31 cis-1,3-Dichloropropene	75	7.158	7.150	(1.208)	86315	10.0000	8(a)
	32 4-Methyl-2-Pentanone	43	7.321	7.312	(0.813)	75347	10.0000	7(a)
$	33 Toluene-d8	98	7.437	7.428	(0.826)	170387	10.0000	9(a)
	34 Toluene	91	7.506	7.510	(0.834)	229479	10.0000	9(a)
	35 trans-1,3-Dichloropropene	75	7.750	7.730	(1.308)	84458	10.0000	8(a)
	36 1,1,2-Trichloroethane	97	7.936	7.928	(1.339)	62960	10.0000	9(a)
	37 Tetrachloroethene	164	8.099	8.102	(0.899)	45021	10.0000	10
	38 2-Hexanone	43	8.319	8.206	(0.924)	12078	10.0000	2(a)
	39 Dibromochloromethane	129	8.366	8.357	(1.411)	76683	10.0000	9(a)
	40 1,2-Dibromoethane	107	8.494	8.485	(0.943)	72852	10.0000	10
*	42 Chlorobenzene-d5	117	9.005	9.008	(1.000)	898617	50.0000	
	43 Chlorobenzene	112	9.039	9.043	(1.004)	174100	10.0000	10
	44 Ethylbenzene	106	9.179	9.170	(1.019)	62600	10.0000	8(a)
	45 m,p-Xylene	106	9.307	9.298	(1.034)	177298	20.0000	18
	46 o-Xylene	106	9.759	9.751	(1.084)	74510	10.0000	8(a)
	47 Styrene	104	9.783	9.763	(1.086)	78127	10.0000	8(a)
	48 Bromoform	173	9.980	9.972	(1.684)	48049	10.0000	9(a)
	49 Isopropylbenzene	105	10.189	10.181	(1.132)	170929	10.0000	8(a)
$	50 Bromofluorobenzene	95	10.375	10.355	(1.152)	61133	10.0000	8(a)
	51 1,1,2,2-Tetrachloroethane	83	10.526	10.517	(1.169)	103407	10.0000	10
	52 1,3-Dichlorobenzene	146	11.676	11.656	(1.297)	89384	10.0000	8(a)
	53 1,4-Dichlorobenzene	146	11.780	11.760	(1.308)	113228	10.0000	9(a)
	54 1,2-Dichlorobenzene	146	12.221	12.213	(1.357)	95335	10.0000	8(a)
	55 1,2-Dibromo-3-chloropropane	75	13.174	13.154	(1.463)	10753	10.0000	7(a)
	56 1,2,4-Trichlorobenzene	180	14.196	14.176	(1.576)	34344	10.0000	6(a)

DJ 7/24/07

QC Flag Legend

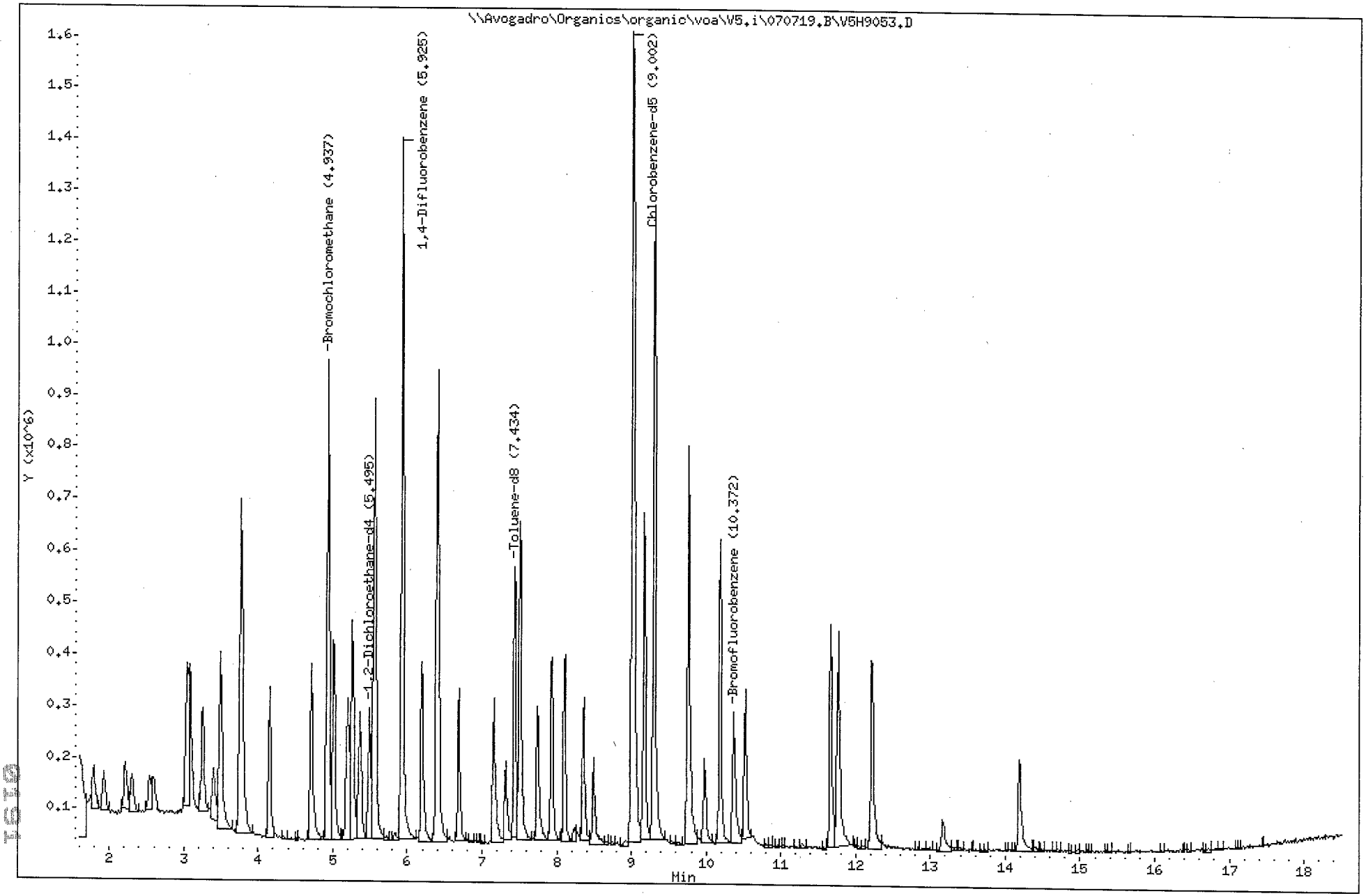
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Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9053.D
Date : 19-JUL-2007 10:35
Client ID: VSTD020X5
Sample Info: 5ML,VSTD020X5,VSTD020X5

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25

Column phase: DB-624



Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9053.D
Report Date: 19-Jul-2007 12:32

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9053.D
Lab Smp Id:
Inj Date : 19-JUL-2007 10:35
Operator : HZA Inst ID: V5.i
Smp Info : 5ML,VSTD020X5,VSTD020X5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719.B\v5clp4h.m
Meth Date : 19-Jul-2007 12:32 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 10:04 Cal File: V5H9052.D
Als bottle: 100 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET103

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.639	1.633	(0.332)	73306	20.0000	19
2	Chloromethane	50	1.790	1.796	(0.363)	174477	20.0000	20
3	Vinyl Chloride	62	1.918	1.924	(0.388)	159278	20.0000	19
4	Bromomethane	94	2.219	2.214	(0.450)	119601	20.0000	22
5	Chloroethane	64	2.301	2.295	(0.466)	94814	20.0000	21
6	Trichlorofluoromethane	101	2.545	2.586	(0.515)	191532	20.0000	24
7	1,1-Dichloroethene	96	3.044	3.039	(0.617)	111675	20.0000	19
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.079	3.074	(0.624)	147179	20.0000	20
10	Carbon Disulfide	76	3.253	3.248	(0.659)	434911	20.0000	20
9	Acetone	43	3.079	3.074	(0.624)	131208	20.0000	23
11	Methyl Acetate	43	3.404	3.399	(0.690)	186966	20.0000	20
12	Methylene Chloride	84	3.497	3.492	(0.708)	181068	20.0000	20
13	trans-1,2-Dichloroethene	96	3.764	3.759	(0.762)	147603	20.0000	19
14	Methyl tert-Butyl Ether	73	3.776	3.770	(0.765)	470842	20.0000	18
15	1,1-Dichloroethane	63	4.147	4.154	(0.840)	363709	20.0000	20
17	cis-1,2-Dichloroethene	96	4.716	4.711	(0.955)	152451	20.0000	19
16	2-Butanone	43	4.728	4.723	(0.958)	142114	20.0000	19
* 18	Bromochloromethane	128	4.937	4.932	(1.000)	264501	50.0000	
19	Chloroform	83	5.018	5.013	(1.016)	325629	20.0000	20
20	1,1,1-Trichloroethane	97	5.204	5.199	(0.878)	227112	20.0000	21

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9053.D
Report Date: 19-Jul-2007 12:32

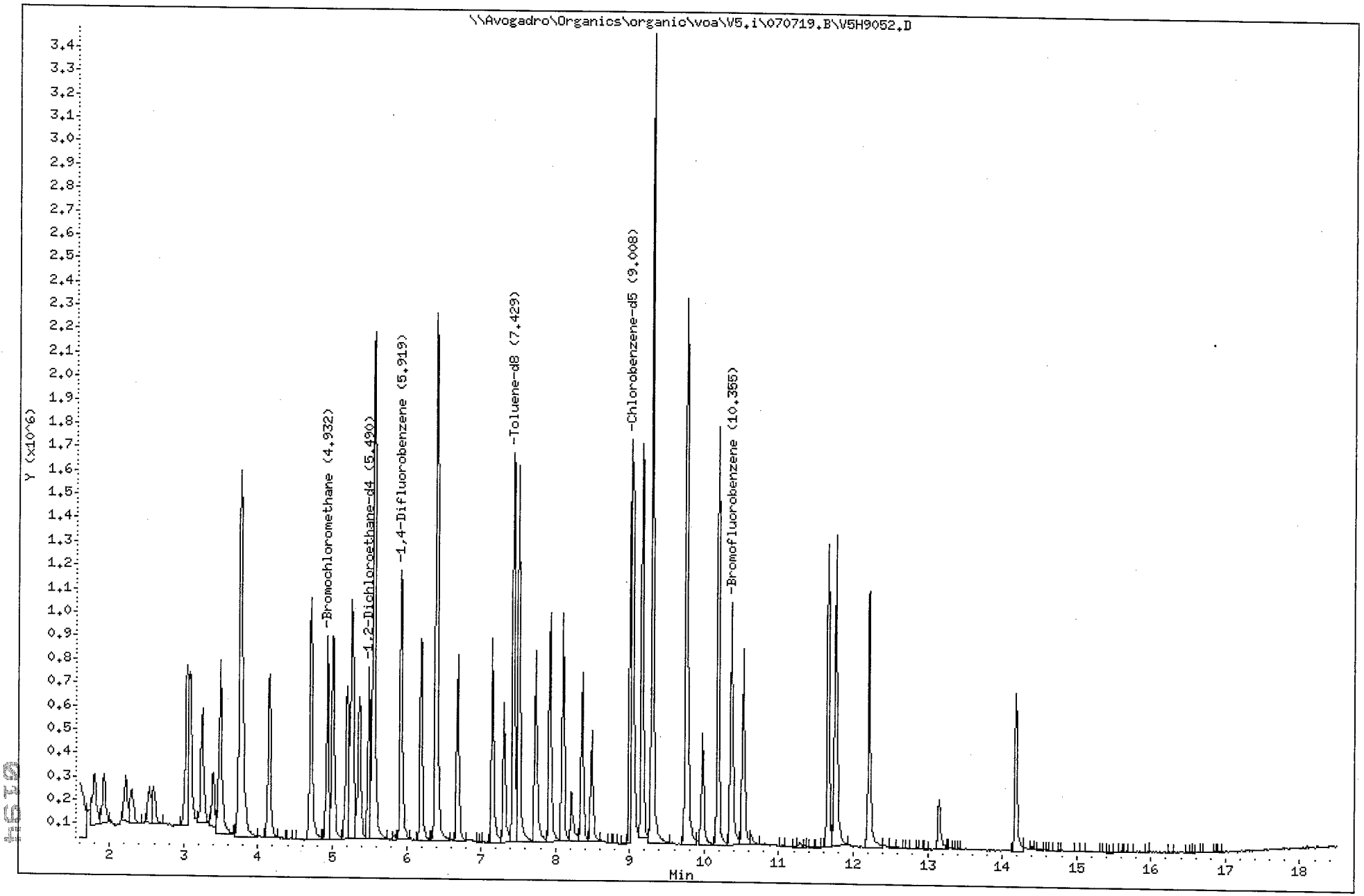
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	21 Cyclohexane	56	5.262	5.257	(0.888)	240224	20.0000	19
	22 Carbon Tetrachloride	117	5.367	5.361	(0.906)	191139	20.0000	20
$	23 1,2-Dichloroethane-d4	65	5.494	5.489	(1.113)	236585	20.0000	20
	25 Benzene	78	5.552	5.547	(0.937)	625350	20.0000	21
	24 1,2-Dichloroethane	62	5.564	5.559	(1.127)	289162	20.0000	19
*	26 1,4-Difluorobenzene	114	5.924	5.930	(1.000)	1039131	50.0000	
	27 Trichloroethene	130	6.191	6.197	(1.045)	130897	20.0000	19
	28 Methylcyclohexane	83	6.400	6.395	(1.080)	195171	20.0000	19
	29 1,2-Dichloropropane	63	6.412	6.406	(1.082)	208337	20.0000	21
	30 Bromodichloromethane	83	6.690	6.685	(1.129)	237345	20.0000	21
	31 cis-1,3-Dichloropropene	75	7.155	7.150	(1.208)	206347	20.0000	19
	32 4-Methyl-2-Pentanone	43	7.318	7.312	(0.813)	191458	20.0000	17
$	33 Toluene-d8	98	7.434	7.428	(0.826)	395198	20.0000	18
	34 Toluene	91	7.503	7.510	(0.834)	522184	20.0000	19
	35 trans-1,3-Dichloropropene	75	7.736	7.730	(1.306)	198606	20.0000	19
	36 1,1,2-Trichloroethane	97	7.933	7.928	(1.339)	138898	20.0000	21
	37 Tetrachloroethene	164	8.107	8.102	(0.901)	97764	20.0000	19
	38 2-Hexanone	43	8.247	8.206	(0.916)	89709	20.0000	15
	39 Dibromochloromethane	129	8.363	8.357	(1.412)	172058	20.0000	20
	40 1,2-Dibromoethane	107	8.490	8.485	(0.943)	148615	20.0000	18
*	42 Chlorobenzene-d5	117	9.001	9.008	(1.000)	1010906	50.0000	
	43 Chlorobenzene	112	9.036	9.043	(1.004)	372641	20.0000	19
	44 Ethylbenzene	106	9.164	9.170	(1.018)	154654	20.0000	18
	45 m,p-Xylene	106	9.303	9.298	(1.034)	417105	40.0000	37
	46 o-Xylene	106	9.756	9.751	(1.084)	192991	20.0000	18
	47 Styrene	104	9.780	9.763	(1.086)	208797	20.0000	18
	48 Bromoform	173	9.977	9.972	(1.684)	104487	20.0000	19
	49 Isopropylbenzene	105	10.186	10.181	(1.132)	437434	20.0000	17
$	50 Bromofluorobenzene	95	10.372	10.355	(1.152)	146093	20.0000	17
	51 1,1,2,2-Tetrachloroethane	83	10.523	10.517	(1.169)	223376	20.0000	19
	52 1,3-Dichlorobenzene	146	11.661	11.656	(1.295)	220953	20.0000	17
	53 1,4-Dichlorobenzene	146	11.765	11.760	(1.307)	262713	20.0000	18
	54 1,2-Dichlorobenzene	146	12.218	12.213	(1.357)	234507	20.0000	18
	55 1,2-Dibromo-3-chloropropane	75	13.159	13.154	(1.462)	27635	20.0000	17
	56 1,2,4-Trichlorobenzene	180	14.181	14.176	(1.575)	91432	20.0000	15

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Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9052.D
Date : 19-JUL-2007 10:04
Client ID: VSTD050X5
Sample Info: 5ML,VSTD050X5,VSTD050X5
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9052.D
Report Date: 19-Jul-2007 12:32

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9052.D
Lab Smp Id:
Inj Date : 19-JUL-2007 10:04
Operator : HZA Inst ID: V5.i
Smp Info : 5ML,VSTD050X5,VSTD050X5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719.B\v5clp4h.m
Meth Date : 19-Jul-2007 12:32 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 10:04 Cal File: V5H9052.D
Als bottle: 100 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET103

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.633	1.633	(0.331)	185364	50.0000	53
2	Chloromethane	50	1.796	1.796	(0.364)	416939	50.0000	51
3	Vinyl Chloride	62	1.924	1.924	(0.390)	374464	50.0000	50
4	Bromomethane	94	2.214	2.214	(0.449)	257979	50.0000	52
5	Chloroethane	64	2.295	2.295	(0.466)	217208	50.0000	52
6	Trichlorofluoromethane	101	2.586	2.586	(0.524)	442604	50.0000	61
7	1,1-Dichloroethene	96	3.039	3.039	(0.616)	272968	50.0000	51
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.074	3.074	(0.623)	324170	50.0000	47
10	Carbon Disulfide	76	3.248	3.248	(0.659)	1021315	50.0000	50
9	Acetone	43	3.074	3.074	(0.623)	299334	50.0000	56
11	Methyl Acetate	43	3.399	3.399	(0.689)	448257	50.0000	53
12	Methylene Chloride	84	3.492	3.492	(0.708)	408552	50.0000	49
13	trans-1,2-Dichloroethene	96	3.759	3.759	(0.762)	368046	50.0000	51
14	Methyl tert-Butyl Ether	73	3.770	3.770	(0.765)	1212619	50.0000	52
15	1,1-Dichloroethane	63	4.154	4.154	(0.842)	873889	50.0000	51
17	cis-1,2-Dichloroethene	96	4.711	4.711	(0.955)	370952	50.0000	50
16	2-Butanone	43	4.723	4.723	(0.958)	376092	50.0000	56
* 18	Bromochloromethane	128	4.932	4.932	(1.000)	242588	50.0000	
19	Chloroform	83	5.013	5.013	(1.016)	752366	50.0000	50
20	1,1,1-Trichloroethane	97	5.199	5.199	(0.877)	535540	50.0000	51
21	Cyclohexane	56	5.257	5.257	(0.886)	611861	50.0000	50

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9052.D
Report Date: 19-Jul-2007 12:32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.361	5.361	(0.904)	470054	50.0000	51
$	23 1,2-Dichloroethane-d4	65	5.489	5.489	(1.113)	633774	50.0000	57
	25 Benzene	78	5.547	5.547	(0.935)	1545001	50.0000	52
	24 1,2-Dichloroethane	62	5.559	5.559	(1.127)	700599	50.0000	51
*	26 1,4-Difluorobenzene	114	5.930	5.930	(1.000)	999771	50.0000	
	27 Trichloroethene	130	6.197	6.197	(1.045)	334566	50.0000	51
	28 Methylcyclohexane	83	6.395	6.395	(1.078)	497542	50.0000	49
	29 1,2-Dichloropropane	63	6.406	6.406	(1.080)	506462	50.0000	51
	30 Bromodichloromethane	83	6.685	6.685	(1.127)	551664	50.0000	51
	31 cis-1,3-Dichloropropene	75	7.150	7.150	(1.206)	570775	50.0000	53
	32 4-Methyl-2-Pentanone	43	7.312	7.312	(0.812)	607610	50.0000	57
$	33 Toluene-d8	98	7.428	7.428	(0.825)	1203581	50.0000	60
	34 Toluene	91	7.510	7.510	(0.834)	1365849	50.0000	52
	35 trans-1,3-Dichloropropene	75	7.730	7.730	(1.304)	542291	50.0000	53
	36 1,1,2-Trichloroethane	97	7.928	7.928	(1.337)	333747	50.0000	51
	37 Tetrachloroethene	164	8.102	8.102	(0.899)	233562	50.0000	49
	38 2-Hexanone	43	8.206	8.206	(0.911)	342443	50.0000	60
	39 Dibromochloromethane	129	8.357	8.357	(1.409)	425693	50.0000	52
	40 1,2-Dibromoethane	107	8.485	8.485	(0.942)	383935	50.0000	51
*	42 Chlorobenzene-d5	117	9.008	9.008	(1.000)	946196	50.0000	
	43 Chlorobenzene	112	9.043	9.043	(1.004)	899415	50.0000	50
	44 Ethylbenzene	106	9.170	9.170	(1.018)	408873	50.0000	51
	45 m,p-Xylene	106	9.298	9.298	(1.032)	1096835	100.000	100
	46 o-Xylene	106	9.751	9.751	(1.083)	529322	50.0000	53
	47 Styrene	104	9.763	9.763	(1.084)	563874	50.0000	52
	48 Bromoform	173	9.972	9.972	(1.681)	273627	50.0000	52
	49 Isopropylbenzene	105	10.181	10.181	(1.130)	1226341	50.0000	52
$	50 Bromofluorobenzene	95	10.355	10.355	(1.150)	475778	50.0000	59
	51 1,1,2,2-Tetrachloroethane	83	10.517	10.517	(1.168)	560336	50.0000	52
	52 1,3-Dichlorobenzene	146	11.656	11.656	(1.294)	621965	50.0000	51
	53 1,4-Dichlorobenzene	146	11.760	11.760	(1.306)	691181	50.0000	50
	54 1,2-Dichlorobenzene	146	12.213	12.213	(1.356)	616693	50.0000	50
	55 1,2-Dibromo-3-chloropropane	75	13.154	13.154	(1.460)	89238	50.0000	58
	56 1,2,4-Trichlorobenzene	180	14.176	14.176	(1.574)	259907	50.0000	46

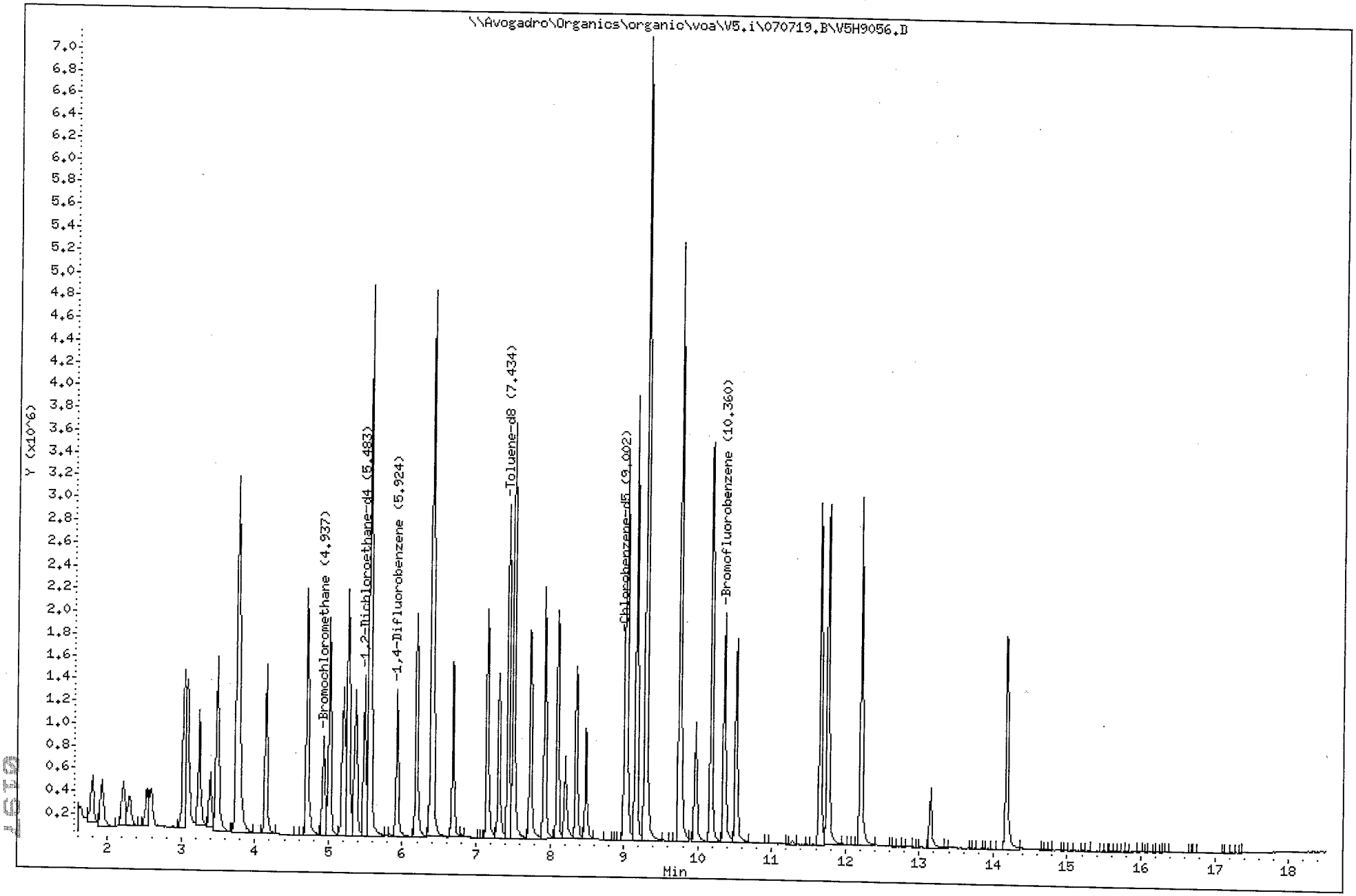
DJ 7/24/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9056.D
Date : 19-JUL-2007 12:05
Client ID: VSTD100X5
Sample Info: 5ML,VSTD100X5,VSTD100X5

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25

Column phase: DB-624



Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9056.D
Report Date: 19-Jul-2007 12:28

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9056.D
Lab Smp Id:
Inj Date : 19-JUL-2007 12:05
Operator : HZA Inst ID: V5.i
Smp Info : 5ML,VSTD100X5,VSTD100X5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719.B\v5clp4h.m
Meth Date : 19-Jul-2007 12:28 weiluo Quant Type: ISTD
Cal Date : 19-JUL-2007 10:04 Cal File: V5H9052.D
Als bottle: 100 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET103

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.627	1.633	(0.330)	355621	100.000	95
2	Chloromethane	50	1.789	1.796	(0.363)	841152	100.000	97
3	Vinyl Chloride	62	1.917	1.924	(0.388)	743930	100.000	93
4	Bromomethane	94	2.207	2.214	(0.447)	471896	100.000	90
5	Chloroethane	64	2.300	2.295	(0.466)	410887	100.000	92
6	Trichlorofluoromethane	101	2.591	2.586	(0.525)	899924	100.000	95
7	1,1-Dichloroethene	96	3.032	3.039	(0.614)	537962	100.000	95
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.078	3.074	(0.624)	701910	100.000	96
10	Carbon Disulfide	76	3.241	3.248	(0.657)	2051535	100.000	96
9	Acetone	43	3.078	3.074	(0.624)	466580	100.000	82
11	Methyl Acetate	43	3.392	3.399	(0.687)	845604	100.000	93
12	Methylene Chloride	84	3.485	3.492	(0.706)	822169	100.000	94
13	trans-1,2-Dichloroethene	96	3.752	3.759	(0.760)	731043	100.000	96
14	Methyl tert-Butyl Ether	73	3.764	3.770	(0.762)	2656086	100.000	110
15	1,1-Dichloroethane	63	4.147	4.154	(0.840)	1746197	100.000	97
17	cis-1,2-Dichloroethene	96	4.704	4.711	(0.953)	783677	100.000	100
16	2-Butanone	43	4.716	4.723	(0.955)	725174	100.000	100
* 18	Bromochloromethane	128	4.936	4.932	(1.000)	257605	50.0000	
19	Chloroform	83	5.006	5.013	(1.014)	1547529	100.000	97
20	1,1,1-Trichloroethane	97	5.192	5.199	(0.876)	1086967	100.000	97

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9056.D
Report Date: 19-Jul-2007 12:28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	21 Cyclohexane	56	5.262	5.257	(0.888)	1372100	100.000	110
	22 Carbon Tetrachloride	117	5.366	5.361	(0.906)	963162	100.000	98
$	23 1,2-Dichloroethane-d4	65	5.482	5.489	(1.111)	1050471	100.000	89
	25 Benzene	78	5.552	5.547	(0.937)	3182214	100.000	100
	24 1,2-Dichloroethane	62	5.564	5.559	(1.127)	1444742	100.000	100
*	26 1,4-Difluorobenzene	114	5.924	5.930	(1.000)	1074711	50.0000	
	27 Trichloroethene	130	6.191	6.197	(1.045)	700888	100.000	100
	28 Methylcyclohexane	83	6.388	6.395	(1.078)	1151676	100.000	110
	29 1,2-Dichloropropane	63	6.400	6.406	(1.080)	1049159	100.000	100
	30 Bromodichloromethane	83	6.678	6.685	(1.127)	1159940	100.000	100
	31 cis-1,3-Dichloropropene	75	7.143	7.150	(1.206)	1250395	100.000	110
	32 4-Methyl-2-Pentanone	43	7.306	7.312	(0.812)	1308646	100.000	110
$	33 Toluene-d8	98	7.433	7.428	(0.826)	1987554	100.000	93
	34 Toluene	91	7.503	7.510	(0.834)	2814071	100.000	100
	35 trans-1,3-Dichloropropene	75	7.735	7.730	(1.306)	1200430	100.000	110
	36 1,1,2-Trichloroethane	97	7.921	7.928	(1.337)	718533	100.000	100
	37 Tetrachloroethene	164	8.107	8.102	(0.901)	493580	100.000	97
	38 2-Hexanone	43	8.200	8.206	(0.911)	829928	100.000	140
	39 Dibromochloromethane	129	8.351	8.357	(1.410)	912016	100.000	100
	40 1,2-Dibromoethane	107	8.478	8.485	(0.942)	824187	100.000	100
*	42 Chlorobenzene-d5	117	9.001	9.008	(1.000)	1018796	50.0000	
	43 Chlorobenzene	112	9.036	9.043	(1.004)	1905703	100.000	99
	44 Ethylbenzene	106	9.164	9.170	(1.018)	894046	100.000	110
	45 m,p-Xylene	106	9.291	9.298	(1.032)	2335685	200.000	210(A)
	46 o-Xylene	106	9.744	9.751	(1.083)	1148707	100.000	110
	47 Styrene	104	9.767	9.763	(1.085)	1284807	100.000	110
	48 Bromoform	173	9.965	9.972	(1.682)	604013	100.000	110
	49 Isopropylbenzene	105	10.186	10.181	(1.132)	2775081	100.000	110
$	50 Bromofluorobenzene	95	10.360	10.355	(1.151)	872480	100.000	100
	51 1,1,2,2-Tetrachloroethane	83	10.522	10.517	(1.169)	1169554	100.000	100
M	41 Xylene (Total)	106				3484392	100.000	330(A)
	52 1,3-Dichlorobenzene	146	11.649	11.656	(1.294)	1433319	100.000	110
	53 1,4-Dichlorobenzene	146	11.765	11.760	(1.307)	1582075	100.000	110
	54 1,2-Dichlorobenzene	146	12.206	12.213	(1.356)	1447254	100.000	110
	55 1,2-Dibromo-3-chloropropane	75	13.147	13.154	(1.461)	184337	100.000	110
	56 1,2,4-Trichlorobenzene	180	14.180	14.176	(1.575)	739767	100.000	120

DJ 7/24/07

QC Flag Legend

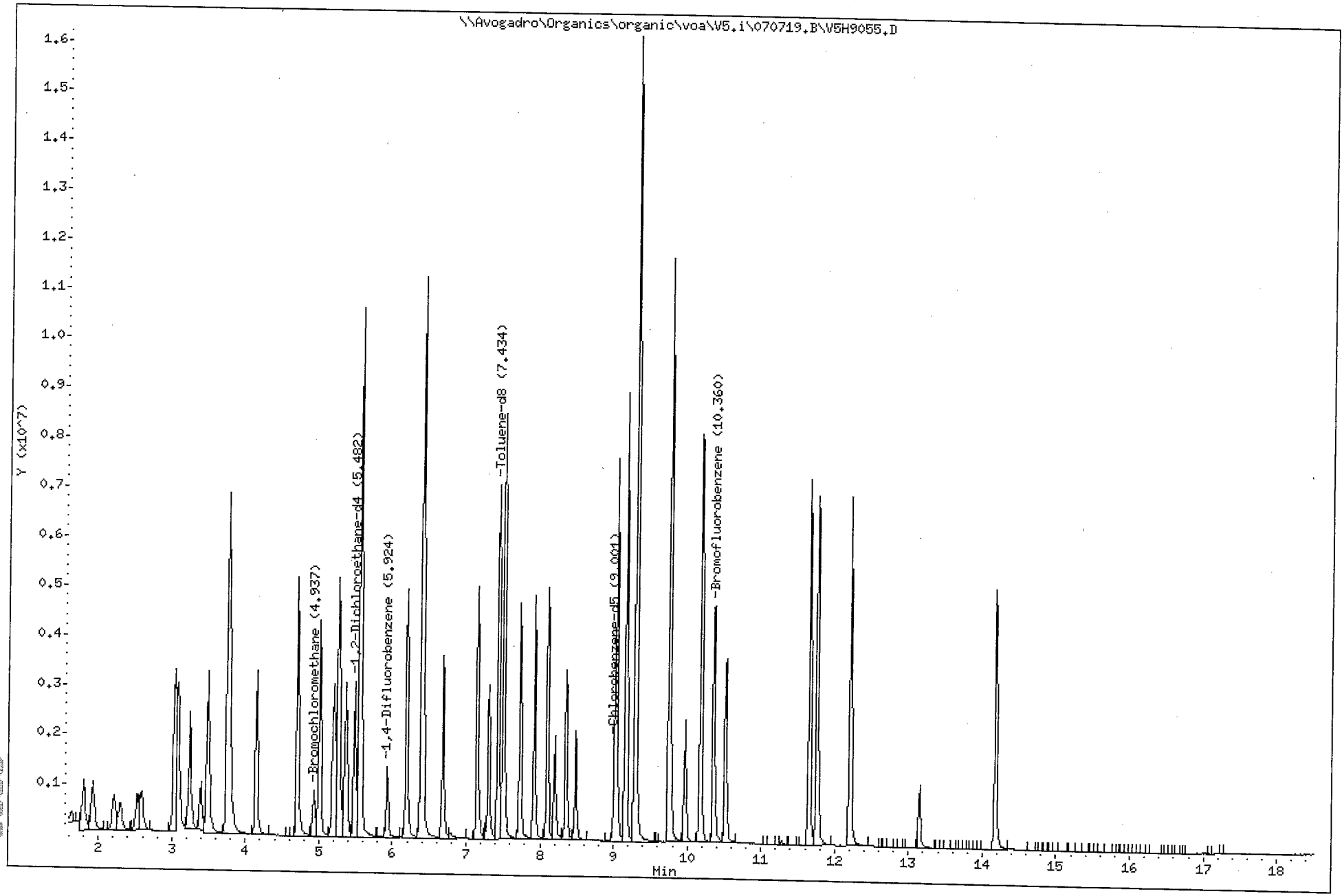
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9055.D
Date : 19-JUL-2007 11:35
Client ID: VSTD200X5
Sample Info: 5ML,VSTD200X5,VSTD200X5

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25

Column phase: DB-624



Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9055.D
Report Date: 19-Jul-2007 12:12

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9055.D
Lab Smp Id:
Inj Date : 19-JUL-2007 11:35
Operator : HZA Inst ID: V5.i
Smp Info : 5ML,VSTD200X5,VSTD200X5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719.B\v5clp4h.m
Meth Date : 19-Jul-2007 12:11 weiluo Quant Type: ISTD
Cal Date : 19-JUL-2007 10:04 Cal File: V5H9052.D
Als bottle: 100 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET103

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.638	1.633	(0.332)	909451	200.000	240 (A)
2	Chloromethane	50	1.801	1.796	(0.365)	1870608	200.000	210 (A)
3	Vinyl Chloride	62	1.917	1.924	(0.388)	1736588	200.000	210 (A)
4	Bromomethane	94	2.207	2.214	(0.447)	868043	200.000	160
5	Chloroethane	64	2.288	2.295	(0.464)	800616	200.000	170
6	Trichlorofluoromethane	101	2.579	2.586	(0.522)	2119651	200.000	250 (A)
7	1,1-Dichloroethene	96	3.032	3.039	(0.614)	1254789	200.000	220 (A)
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.066	3.074	(0.621)	1658663	200.000	220 (A)
10	Carbon Disulfide	76	3.241	3.248	(0.657)	4706707	200.000	210 (A)
9	Acetone	43	3.066	3.074	(0.621)	928430	200.000	160
11	Methyl Acetate	43	3.392	3.399	(0.687)	1723161	200.000	190
12	Methylene Chloride	84	3.485	3.492	(0.706)	1791032	200.000	200
13	trans-1,2-Dichloroethene	96	3.752	3.759	(0.760)	1729940	200.000	220 (A)
14	Methyl tert-Butyl Ether	73	3.775	3.770	(0.765)	5674690	200.000	230 (A)
15	1,1-Dichloroethane	63	4.147	4.154	(0.840)	3961477	200.000	210 (A)
17	cis-1,2-Dichloroethene	96	4.704	4.711	(0.953)	1838541	200.000	230 (A)
16	2-Butanone	43	4.716	4.723	(0.955)	1526758	200.000	210 (A)
* 18	Bromochloromethane	128	4.936	4.932	(1.000)	260296	50.0000	
19	Chloroform	83	5.006	5.013	(1.014)	3444235	200.000	210 (A)
20	1,1,1-Trichloroethane	97	5.192	5.199	(0.876)	2543655	200.000	220 (A)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9055.D
Report Date: 19-Jul-2007 12:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	21 Cyclohexane	56	5.261	5.257	(0.888)	3407821	200.000	250 (A)
	22 Carbon Tetrachloride	117	5.366	5.361	(0.906)	2293353	200.000	220 (A)
$	23 1,2-Dichloroethane-d4	65	5.482	5.489	(1.111)	2310009	200.000	190
	25 Benzene	78	5.552	5.547	(0.937)	7100200	200.000	220 (A)
	24 1,2-Dichloroethane	62	5.563	5.559	(1.127)	3011797	200.000	210 (A)
*	26 1,4-Difluorobenzene	114	5.923	5.930	(1.000)	1125479	50.0000	
	27 Trichloroethene	130	6.190	6.197	(1.045)	1658801	200.000	230 (A)
	28 Methylcyclohexane	83	6.399	6.395	(1.080)	2843327	200.000	260 (A)
	29 1,2-Dichloropropane	63	6.399	6.406	(1.080)	2298848	200.000	210 (A)
	30 Bromodichloromethane	83	6.678	6.685	(1.127)	2525938	200.000	210 (A)
	31 cis-1,3-Dichloropropene	75	7.143	7.150	(1.206)	2843397	200.000	240 (A)
	32 4-Methyl-2-Pentanone	43	7.305	7.312	(0.812)	2789444	200.000	240 (A)
$	33 Toluene-d8	98	7.433	7.428	(0.826)	4835204	200.000	210 (A)
	34 Toluene	91	7.503	7.510	(0.834)	6386342	200.000	220 (A)
	35 trans-1,3-Dichloropropene	75	7.723	7.730	(1.304)	2690258	200.000	240 (A)
	36 1,1,2-Trichloroethane	97	7.921	7.928	(1.337)	1527287	200.000	210 (A)
	37 Tetrachloroethene	164	8.095	8.102	(0.899)	1233758	200.000	230 (A)
	38 2-Hexanone	43	8.199	8.206	(0.911)	1914218	200.000	330 (A)
	39 Dibromochloromethane	129	8.350	8.357	(1.410)	1964901	200.000	220 (A)
	40 1,2-Dibromoethane	107	8.478	8.485	(0.942)	1770467	200.000	210 (A)
*	42 Chlorobenzene-d5	117	9.001	9.008	(1.000)	1063260	50.0000	
	43 Chlorobenzene	112	9.036	9.043	(1.004)	4249985	200.000	210 (A)
	44 Ethylbenzene	106	9.163	9.170	(1.018)	2131190	200.000	240 (A)
	45 m,p-Xylene	106	9.291	9.298	(1.032)	5322293	400.000	460 (A)
	46 o-Xylene	106	9.744	9.751	(1.083)	2637087	200.000	240 (A)
	47 Styrene	104	9.767	9.763	(1.085)	2927614	200.000	250 (A)
	48 Bromoform	173	9.965	9.972	(1.682)	1305252	200.000	230 (A)
	49 Isopropylbenzene	105	10.185	10.181	(1.132)	6450504	200.000	250 (A)
$	50 Bromofluorobenzene	95	10.348	10.355	(1.150)	2069525	200.000	230 (A)
	51 1,1,2,2-Tetrachloroethane	83	10.522	10.517	(1.169)	2443653	200.000	200
M	41 Xylene (Total)	106				7959380	200.000	730 (A)
	52 1,3-Dichlorobenzene	146	11.649	11.656	(1.294)	3417463	200.000	260 (A)
	53 1,4-Dichlorobenzene	146	11.765	11.760	(1.307)	3599553	200.000	240 (A)
	54 1,2-Dichlorobenzene	146	12.206	12.213	(1.356)	3344570	200.000	250 (A)
	55 1,2-Dibromo-3-chloropropane	75	13.147	13.154	(1.461)	408981	200.000	240 (A)
	56 1,2,4-Trichlorobenzene	180	14.180	14.176	(1.575)	1876605	200.000	320 (A)

QC Flag Legend

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

JP 7/24/07

Report Date : 19-Jul-2007 12:32

Mitkem Corporation

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2007 10:04
End Cal Date : 19-JUL-2007 12:05
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\Avogadro\Organics\organic\voa\V5.i\070719.B\v5clp4h.m
Last Edit : 19-Jul-2007 12:32 V5.i
Curve Type : Average

Calibration File Names:
Level 1: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9054.D
Level 2: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9053.D
Level 3: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9052.D
Level 4: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9056.D
Level 5: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9055.D

Compound	10.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	200.000 Level 5	RRF	% RSD	
1 Dichlorodifluoromethane	0.61512	0.69287	0.76411	0.69024	0.87348	0.72717	13.380	
2 Chloromethane	1.61968	1.64911	1.71871	1.63264	1.79662	1.68335	4.393	
3 Vinyl Chloride	1.58009	1.50546	1.54362	1.44394	1.66790	1.54820	5.410	
4 Bromomethane	1.17063	1.13044	1.06345	0.91593	0.83371	1.02283	14.021	
5 Chloroethane	0.95903	0.89616	0.89538	0.79751	0.76895	0.86341	9.065	
6 Trichlorofluoromethane	0.01260	1.81031	1.82451	1.74671	2.03581	1.48599	55.909	
7 1,1-Dichloroethene	1.08265	1.05553	1.12523	1.04416	1.20516	1.10255	5.923	
8 1,1,2-Trichloro-1,2,2-trifluo	1.42639	1.39110	1.33630	1.36238	1.59305	1.42184	7.132	
10 Carbon Disulfide	4.02350	4.11067	4.21008	3.98194	4.52053	4.16935	5.156	
9 Acetone	1.23490	1.24015	1.23392	0.90561	0.89171	1.10126	16.801	
11 Methyl Acetate	1.88165	1.76716	1.84781	1.64128	1.65500	1.75858	6.208	
12 Methylene Chloride	1.79646	1.71141	1.68414	1.59579	1.72019	1.70160	4.252	
13 trans-1,2-Dichloroethene	1.38894	1.39511	1.51716	1.41892	1.66151	1.47633	7.833	
14 Methyl tert-Butyl Ether	4.15033	4.45029	4.99868	5.15535	5.45023	4.84097	10.953	
15 1,1-Dichloroethane	3.31273	3.43769	3.60236	3.38929	3.80478	3.50937	5.594	
17 cis-1,2-Dichloroethene	1.35300	1.44093	1.52914	1.52108	1.76582	1.52200	10.106	
76 Tetrahydrofuran	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
16 2-Butanone	1.15353	1.34323	1.55033	1.40753	1.46637	1.38420	10.823	
19 Chloroform	3.03791	3.07777	3.10141	3.00369	3.30800	3.10575	3.834	
20 1,1,1-Trichloroethane	0.49077	0.54640	0.53566	0.50570	0.56502	0.52871	5.712	
21 Cyclohexane	0.48381	0.57794	0.61200	0.63836	0.75697	0.61382	16.146	
22 Carbon Tetrachloride	0.42421	0.45985	0.47016	0.44810	0.50942	0.46235	6.788	
25 Benzene	1.31943	1.50450	1.54535	1.48050	1.57715	1.48539	6.728	
24 1,2-Dichloroethane	2.75932	2.73309	2.88802	2.80418	2.89267	2.81545	2.591	
27 Trichloroethene	0.31074	0.31492	0.33464	0.32608	0.36847	0.33097	6.940	
28 Methylcyclohexane	0.38781	0.46955	0.49766	0.53581	0.63158	0.50448	17.733	
29 1,2-Dichloropropane	0.46159	0.50123	0.50658	0.48811	0.51064	0.49363	4.016	
30 Bromodichloromethane	0.50041	0.57102	0.55179	0.53965	0.56108	0.54479	5.026	
75 1,4-Dioxane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Report Date : 19-Jul-2007 12:32

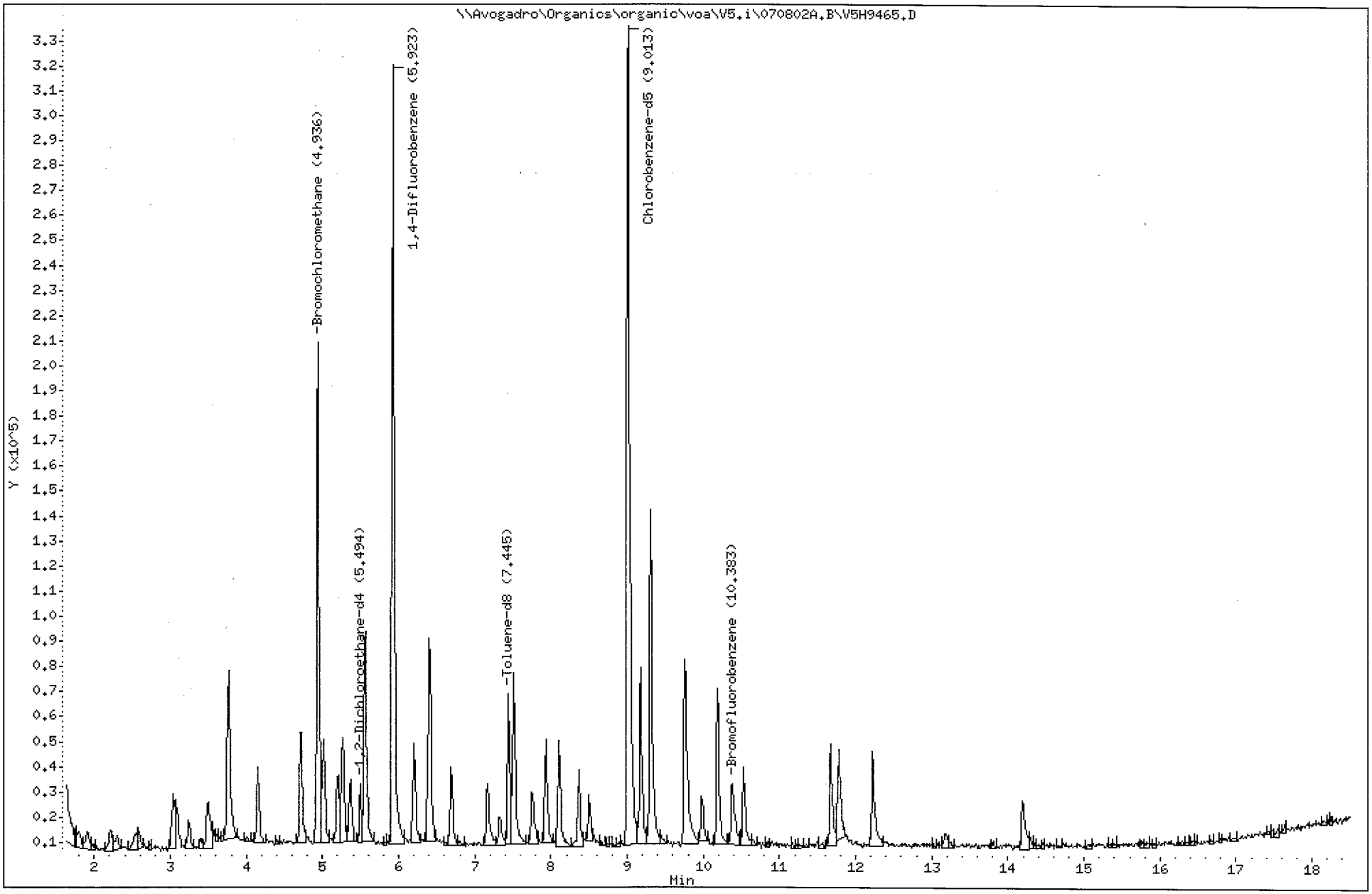
Mitkem Corporation

INITIAL CALIBRATION DATA

Start Cal Date : 19-JUL-2007 10:04
End Cal Date : 19-JUL-2007 12:05
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\Avogadro\Organics\organic\voa\V5.i\070719.B\v5clp4h.m
Last Edit : 19-Jul-2007 12:32 V5.i
Curve Type : Average

	Compound	10.000 Level 1	20.000 Level 2	50.000 Level 3	100.000 Level 4	200.000 Level 5	RRF	% RSD	
	31 cis-1,3-Dichloropropene	0.40755	0.49644	0.57091	0.58174	0.63160	0.53765	16.241	
	32 4-Methyl-2-Pentanone	0.41924	0.47348	0.64216	0.64225	0.65587	0.56660	19.690	
	34 Toluene	1.27685	1.29138	1.44352	1.38108	1.50159	1.37888	7.004	
	35 trans-1,3-Dichloropropene	0.39879	0.47782	0.54242	0.55849	0.59758	0.51502	15.150	
	77 1,3-Dichloropropane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
	36 1,1,2-Trichloroethane	0.29728	0.33417	0.33382	0.33429	0.33925	0.32776	5.244	
	37 Tetrachloroethene	0.25050	0.24177	0.24684	0.24224	0.29009	0.25429	7.995	
	38 2-Hexanone	0.06720	0.22185	0.36192	0.40731	0.45008	0.30167	51.928	
	39 Dibromochloromethane	0.36208	0.41395	0.42579	0.42431	0.43646	0.41252	7.104	
	40 1,2-Dibromoethane	0.40536	0.36753	0.40577	0.40449	0.41628	0.39989	4.681	
	43 Chlorobenzene	0.96871	0.92155	0.95056	0.93527	0.99928	0.95508	3.174	
	44 Ethylbenzene	0.34831	0.38246	0.43212	0.43878	0.50110	0.42055	13.877	
	45 m,p-Xylene	0.49325	0.51576	0.57960	0.57315	0.62570	0.55749	9.515	
	46 o-Xylene	0.41458	0.47727	0.55942	0.56376	0.62005	0.52702	15.348	
	47 Styrene	0.43471	0.51636	0.59594	0.63055	0.68836	0.57318	17.332	
	48 Bromoform	0.22687	0.25138	0.27369	0.28101	0.28993	0.26458	9.621	
	49 Isopropylbenzene	0.95107	1.08179	1.29608	1.36194	1.51668	1.24151	18.149	
	51 1,1,2,2-Tetrachloroethane	0.57537	0.55242	0.59220	0.57399	0.57457	0.57371	2.463	
M	41 Xylene (Total)	0.41458	0.47727	0.55942	0.56376	0.62005	0.52702	15.348	
	52 1,3-Dichlorobenzene	0.49734	0.54642	0.65733	0.70344	0.80353	0.64161	19.114	<-
	53 1,4-Dichlorobenzene	0.63001	0.64970	0.73048	0.77644	0.84635	0.72660	12.326	
	54 1,2-Dichlorobenzene	0.53045	0.57994	0.65176	0.71028	0.78640	0.65177	15.614	
	55 1,2-Dibromo-3-chloropropane	0.05983	0.06834	0.09431	0.09047	0.09616	0.08182	20.283	
	56 1,2,4-Trichlorobenzene	0.19109	0.22611	0.27469	0.36306	0.44124	0.29924	34.195	<-
	78 1,2,3-Trichlorobenzene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
$	23 1,2-Dichloroethane-d4	2.32525	2.23614	2.61255	2.03892	2.21864	2.28630	9.181	
$	33 Toluene-d8	0.94805	0.97734	1.27202	0.97544	1.13688	1.06195	13.096	
$	50 Bromofluorobenzene	0.34015	0.36129	0.50283	0.42819	0.48660	0.42381	17.143	

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9465.D
Date : 03-AUG-2007 00:33
Client ID: VSTD0105Z
Instrument: V5.i
Sample Info: 5G,VSTD0105Z,VSTD0105Z
Operator: HZA SRC: HZA
Column phase: DB-624
Column diameter: 0.25



Data File: V5H9465.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9465.D
Lab Smp Id: VSTD0105Z Client Smp ID: VSTD0105Z
Inj Date : 03-AUG-2007 00:33
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5G,VSTD0105Z,VSTD0105Z
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 02-AUG-2007 23:32 Cal File: V5H9463.D
Als bottle: 100 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.638	1.647	(0.332)	5355	10.0000	9(a)
2	Chloromethane	50	1.789	1.798	(0.362)	8174	10.0000	9(a)
3	Vinyl Chloride	62	1.916	1.926	(0.388)	9230	10.0000	11
4	Bromomethane	94	2.207	2.216	(0.447)	6299	10.0000	11
5	Chloroethane	64	2.300	2.297	(0.466)	5353	10.0000	11
6	Trichlorofluoromethane	101	2.532	2.588	(0.513)	16306	10.0000	10
7	1,1-Dichloroethene	96	3.031	3.029	(0.614)	7279	10.0000	11
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.066	3.075	(0.621)	8953	10.0000	10
9	Acetone	43	3.089	3.075	(0.626)	7437	10.0000	11
10	Carbon Disulfide	76	3.240	3.249	(0.657)	22224	10.0000	10
11	Methyl Acetate	43	3.403	3.389	(0.689)	7321	10.0000	9(a)
12	Methylene Chloride	84	3.484	3.493	(0.706)	10840	10.0000	9(a)
13	trans-1,2-Dichloroethene	96	3.763	3.760	(0.762)	21764	10.0000	10
14	Methyl tert-Butyl Ether	73	3.775	3.772	(0.765)	55173	10.0000	10
15	1,1-Dichloroethane	63	4.158	4.155	(0.842)	36252	10.0000	9(a)
17	cis-1,2-Dichloroethene	96	4.715	4.701	(0.955)	26453	10.0000	10
16	2-Butanone	43	4.738	4.724	(0.960)	8476	10.0000	8(a)
* 18	Bromochloromethane	128	4.936	4.933	(1.000)	71425	50.0000	
19	Chloroform	83	5.017	5.015	(1.016)	36691	10.0000	10
20	1,1,1-Trichloroethane	97	5.203	5.200	(0.878)	24504	10.0000	9(a)
21	Cyclohexane	56	5.261	5.259	(0.888)	26534	10.0000	9(a)

Data File: V5H9465.D
Report Date: 08-Aug-2007 14:42

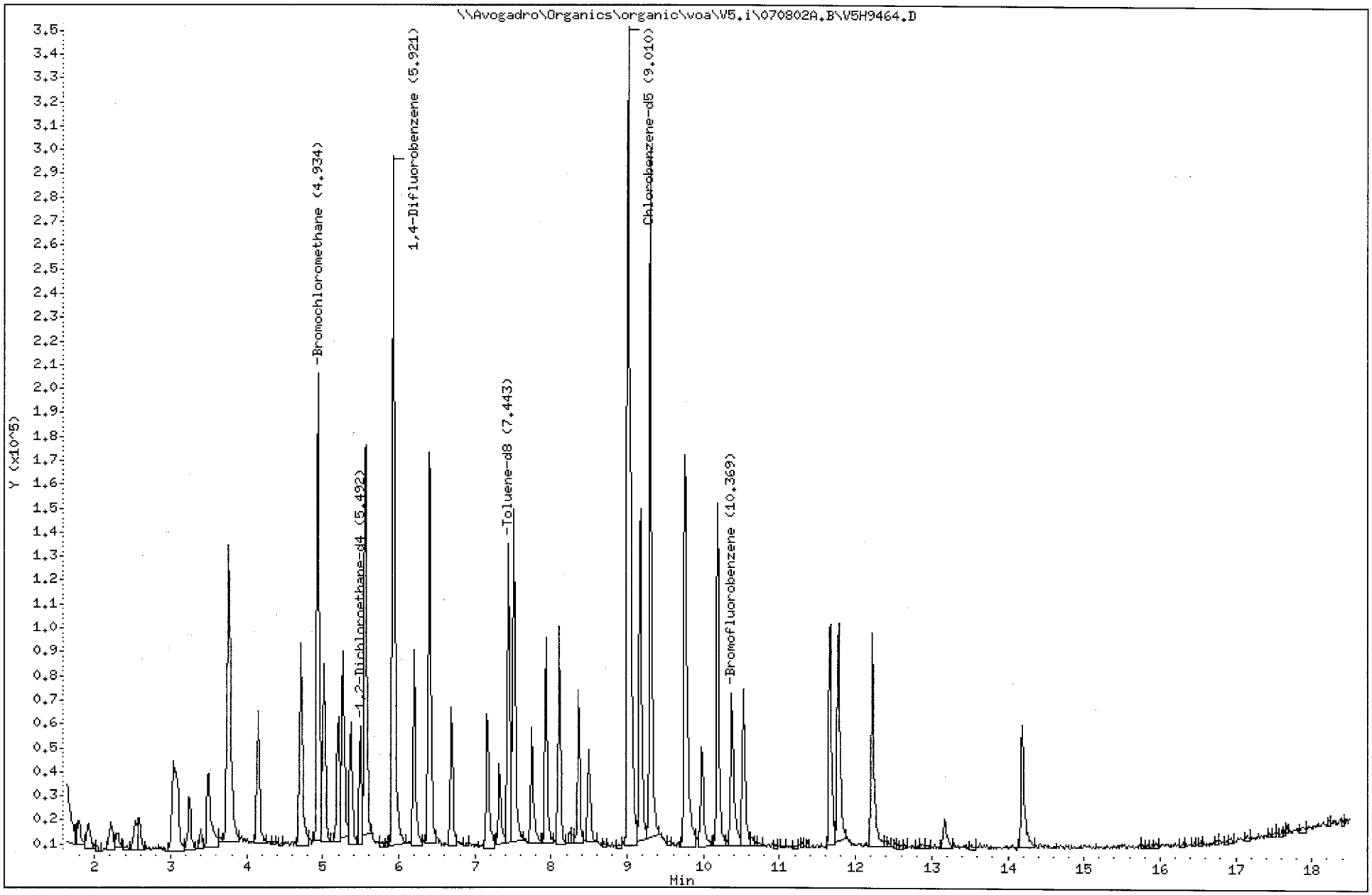
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.366	5.363	(0.906)	19981	10.0000	9(a)
$	23 1,2-Dichloroethane-d4	65	5.493	5.491	(1.113)	18457	10.0000	10
	25 Benzene	78	5.551	5.549	(0.937)	78824	10.0000	10
	24 1,2-Dichloroethane	62	5.563	5.561	(1.127)	22858	10.0000	10
*	26 1,4-Difluorobenzene	114	5.923	5.921	(1.000)	314202	50.0000	
	27 Trichloroethene	130	6.202	6.199	(1.047)	19125	10.0000	9(a)
	28 Methylcyclohexane	83	6.399	6.397	(1.080)	26406	10.0000	9(a)
	29 1,2-Dichloropropane	63	6.411	6.408	(1.082)	24134	10.0000	10
	30 Bromodichloromethane	83	6.689	6.687	(1.129)	25722	10.0000	9(a)
	31 cis-1,3-Dichloropropene	75	7.166	7.151	(1.210)	27163	10.0000	9(a)
	32 4-Methyl-2-Pentanone	43	7.328	7.302	(0.813)	16814	10.0000	8(a)
$	33 Toluene-d8	98	7.444	7.430	(0.826)	53297	10.0000	9(a)
	34 Toluene	91	7.514	7.500	(0.834)	73984	10.0000	10
	35 trans-1,3-Dichloropropene	75	7.758	7.732	(1.310)	22256	10.0000	9(a)
	36 1,1,2-Trichloroethane	97	7.932	7.930	(1.339)	19991	10.0000	10
	37 Tetrachloroethene	164	8.106	8.104	(0.899)	13236	10.0000	9(a)
	38 2-Hexanone	43	8.350	8.220	(0.927)	5333	10.0000	5(a)
	39 Dibromochloromethane	129	8.362	8.359	(1.412)	21882	10.0000	9(Ta)
	40 1,2-Dibromoethane	107	8.501	8.487	(0.943)	21788	10.0000	9(a)
*	42 Chlorobenzene-d5	117	9.012	9.010	(1.000)	269233	50.0000	
	43 Chlorobenzene	112	9.035	9.033	(1.003)	51367	10.0000	10
	44 Ethylbenzene	106	9.175	9.161	(1.018)	21545	10.0000	9(a)
	45 m,p-Xylene	106	9.302	9.300	(1.032)	57221	20.0000	20
	46 o-Xylene	106	9.755	9.753	(1.082)	26410	10.0000	9(a)
	47 Styrene	104	9.790	9.764	(1.086)	28821	10.0000	9(a)
	48 Bromoform	173	9.976	9.973	(1.684)	14643	10.0000	9(a)
	49 Isopropylbenzene	105	10.185	10.182	(1.130)	63371	10.0000	9(a)
$	50 Bromofluorobenzene	95	10.382	10.357	(1.152)	18906	10.0000	8(a)
	51 1,1,2,2-Tetrachloroethane	83	10.522	10.519	(1.168)	29454	10.0000	10
M	41 Xylene (Total)	106				83631	10.0000	29
	52 1,3-Dichlorobenzene	146	11.671	11.657	(1.295)	28793	10.0000	8(a)
	53 1,4-Dichlorobenzene	146	11.776	11.762	(1.307)	33812	10.0000	9(a)
	54 1,2-Dichlorobenzene	146	12.217	12.215	(1.356)	32225	10.0000	9(a)
	55 1,2-Dibromo-3-chloropropane	75	13.170	13.155	(1.461)	3091	10.0000	8(a)
	56 1,2,4-Trichlorobenzene	180	14.203	14.177	(1.576)	14480	10.0000	8(a)

lm 8/8/07

QC Flag Legend

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

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9464.D
Date : 03-AUG-2007 00:03
Client ID: VSTD0205Z
Instrument: V5.i
Sample Info: 5G,VSTD0205Z,VSTD0205Z
Operator: HZA SRC: HZA
Column phase: DB-624
Column diameter: 0.25



CS29

Data File: V5H9464.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9464.D
Lab Smp Id: VSTD0205Z Client Smp ID: VSTD0205Z
Inj Date : 03-AUG-2007 00:03
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5G,VSTD0205Z,VSTD0205Z
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 02-AUG-2007 23:32 Cal File: V5H9463.D
Als bottle: 100 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.624	1.647	(0.329)	12159	20.0000	20
2	Chloromethane	50	1.787	1.798	(0.362)	15791	20.0000	18
3	Vinyl Chloride	62	1.914	1.926	(0.388)	15616	20.0000	18
4	Bromomethane	94	2.216	2.216	(0.449)	10515	20.0000	18
5	Chloroethane	64	2.298	2.297	(0.466)	9419	20.0000	21
6	Trichlorofluoromethane	101	2.530	2.588	(0.513)	29447	20.0000	19
7	1,1-Dichloroethene	96	3.029	3.029	(0.614)	12583	20.0000	19
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.064	3.075	(0.621)	16502	20.0000	18
9	Acetone	43	3.064	3.075	(0.621)	13750	20.0000	21
10	Carbon Disulfide	76	3.250	3.249	(0.659)	43663	20.0000	19
11	Methyl Acetate	43	3.401	3.389	(0.689)	15565	20.0000	20
12	Methylene Chloride	84	3.494	3.493	(0.708)	22529	20.0000	20
13	trans-1,2-Dichloroethene	96	3.761	3.760	(0.762)	40493	20.0000	19
14	Methyl tert-Butyl Ether	73	3.772	3.772	(0.765)	104279	20.0000	18
15	1,1-Dichloroethane	63	4.144	4.155	(0.840)	69929	20.0000	19
17	cis-1,2-Dichloroethene	96	4.713	4.701	(0.955)	49157	20.0000	20
16	2-Butanone	43	4.725	4.724	(0.958)	21695	20.0000	20
* 18	Bromochloromethane	128	4.934	4.933	(1.000)	69953	50.0000	
19	Chloroform	83	5.015	5.015	(1.016)	72859	20.0000	20
20	1,1,1-Trichloroethane	97	5.201	5.200	(0.878)	47549	20.0000	19
21	Cyclohexane	56	5.259	5.259	(0.888)	50523	20.0000	18

Data File: V5H9464.D
Report Date: 08-Aug-2007 14:42

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.363	5.363	(0.906)	39150	20.0000	18
$	23 1,2-Dichloroethane-d4	65	5.491	5.491	(1.113)	33871	20.0000	18
	25 Benzene	78	5.549	5.549	(0.937)	154509	20.0000	20
	24 1,2-Dichloroethane	62	5.561	5.561	(1.127)	42295	20.0000	18
*	26 1,4-Difluorobenzene	114	5.921	5.921	(1.000)	298506	50.0000	
	27 Trichloroethene	130	6.200	6.199	(1.047)	36110	20.0000	19
	28 Methylcyclohexane	83	6.397	6.397	(1.080)	53194	20.0000	20
	29 1,2-Dichloropropane	63	6.409	6.408	(1.082)	45558	20.0000	20
	30 Bromodichloromethane	83	6.687	6.687	(1.129)	49002	20.0000	19
	31 cis-1,3-Dichloropropene	75	7.152	7.151	(1.208)	52820	20.0000	18
	32 4-Methyl-2-Pentanone	43	7.314	7.302	(0.812)	38165	20.0000	19
$	33 Toluene-d8	98	7.442	7.430	(0.826)	115488	20.0000	20
	34 Toluene	91	7.512	7.500	(0.834)	146057	20.0000	20
	35 trans-1,3-Dichloropropene	75	7.744	7.732	(1.308)	43776	20.0000	18
	36 1,1,2-Trichloroethane	97	7.930	7.930	(1.339)	37288	20.0000	19
	37 Tetrachloroethene	164	8.104	8.104	(0.899)	26834	20.0000	20
	38 2-Hexanone	43	8.243	8.220	(0.915)	16782	20.0000	16(Q)
	39 Dibromochloromethane	129	8.360	8.359	(1.412)	42318	20.0000	19
	40 1,2-Dibromoethane	107	8.487	8.487	(0.942)	42405	20.0000	19
*	42 Chlorobenzene-d5	117	9.010	9.010	(1.000)	263451	50.0000	
	43 Chlorobenzene	112	9.045	9.033	(1.004)	97645	20.0000	19
	44 Ethylbenzene	106	9.173	9.161	(1.018)	42981	20.0000	19
	45 m,p-Xylene	106	9.300	9.300	(1.032)	115507	40.0000	41
	46 o-Xylene	106	9.753	9.753	(1.082)	55290	20.0000	20
	47 Styrene	104	9.776	9.764	(1.085)	58016	20.0000	19
	48 Bromoform	173	9.974	9.973	(1.684)	29755	20.0000	19
	49 Isopropylbenzene	105	10.183	10.182	(1.130)	130336	20.0000	19
$	50 Bromofluorobenzene	95	10.369	10.357	(1.151)	41707	20.0000	19
	51 1,1,2,2-Tetrachloroethane	83	10.520	10.519	(1.168)	56584	20.0000	19
M	41 Xylene (Total)	106				170797	20.0000	61
	52 1,3-Dichlorobenzene	146	11.669	11.657	(1.295)	61165	20.0000	18
	53 1,4-Dichlorobenzene	146	11.774	11.762	(1.307)	73087	20.0000	19
	54 1,2-Dichlorobenzene	146	12.215	12.215	(1.356)	63806	20.0000	18
	55 1,2-Dibromo-3-chloropropane	75	13.167	13.155	(1.461)	7391	20.0000	19
	56 1,2,4-Trichlorobenzene	180	14.189	14.177	(1.575)	29956	20.0000	16

lm 8/8/07

QC Flag Legend

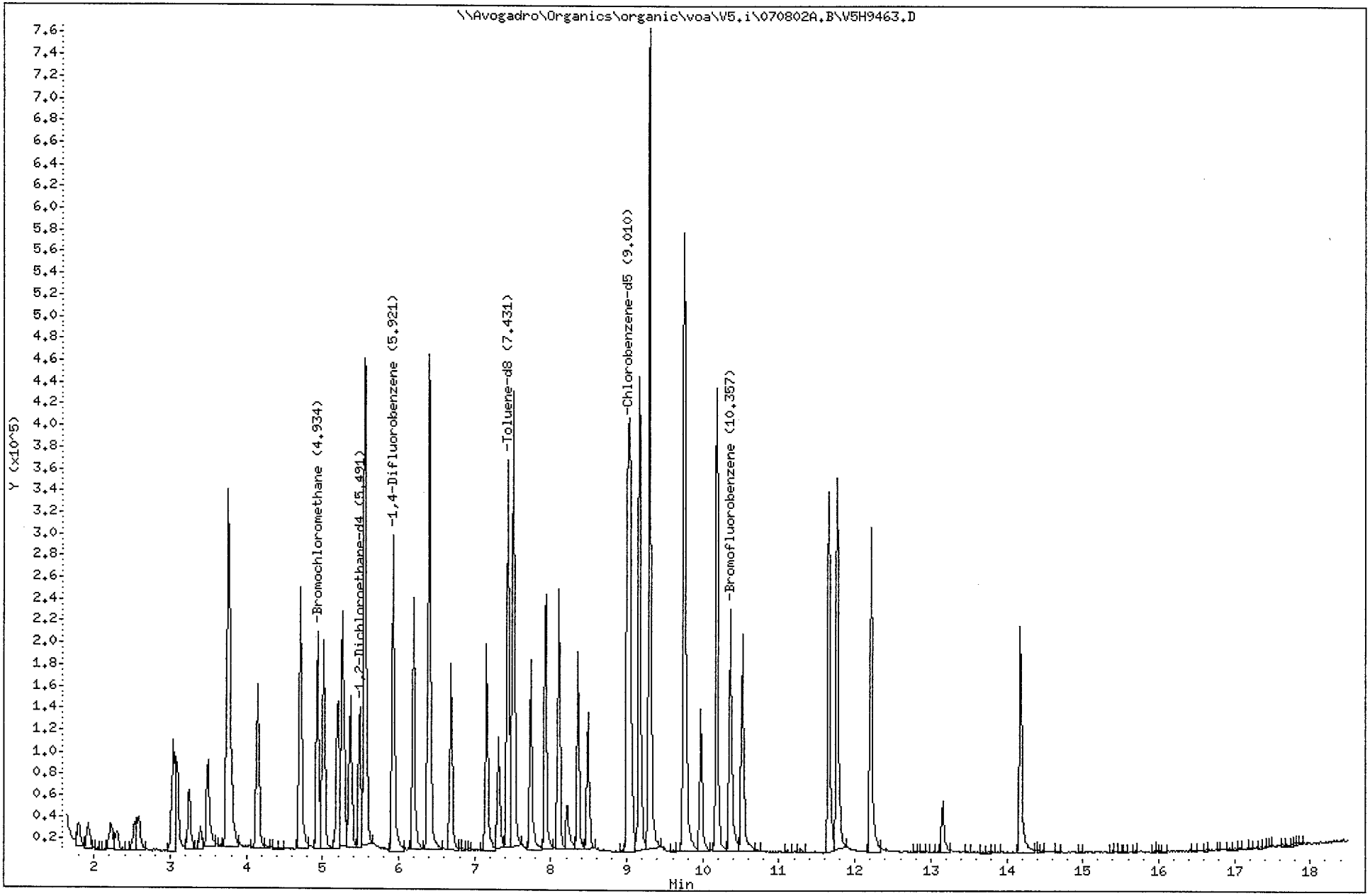
Q - Qualifier signal failed the ratio test.

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9463.D
Date : 02-AUG-2007 23:32
Client ID: VSTD0505Z
Sample Info: 5G,VSTD0505Z,VSTD0505Z

Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



82 of 91

Data File: V5H9463.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9463.D
Lab Smp Id: VSTD0505Z Client Smp ID: VSTD0505Z
Inj Date : 02-AUG-2007 23:32
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5G,VSTD0505Z,VSTD0505Z
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 02-AUG-2007 23:32 Cal File: V5H9463.D
Als bottle: 100 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.647	1.647	(0.334)	28554	50.0000	48
2	Chloromethane	50	1.798	1.798	(0.364)	45042	50.0000	53
3	Vinyl Chloride	62	1.926	1.926	(0.390)	42619	50.0000	50
4	Bromomethane	94	2.216	2.216	(0.449)	30655	50.0000	54
5	Chloroethane	64	2.297	2.297	(0.466)	22965	50.0000	51
6	Trichlorofluoromethane	101	2.588	2.588	(0.525)	79455	50.0000	52
7	1,1-Dichloroethene	96	3.029	3.029	(0.614)	35219	50.0000	53
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.075	3.075	(0.623)	46188	50.0000	52
9	Acetone	43	3.075	3.075	(0.623)	32368	50.0000	51
10	Carbon Disulfide	76	3.249	3.249	(0.659)	117100	50.0000	52
11	Methyl Acetate	43	3.389	3.389	(0.687)	39504	50.0000	51
12	Methylene Chloride	84	3.493	3.493	(0.708)	57198	50.0000	52
13	trans-1,2-Dichloroethene	96	3.760	3.760	(0.762)	107969	50.0000	52
14	Methyl tert-Butyl Ether	73	3.772	3.772	(0.765)	286567	50.0000	51
15	1,1-Dichloroethane	63	4.155	4.155	(0.842)	197180	50.0000	53
17	cis-1,2-Dichloroethene	96	4.701	4.701	(0.953)	127426	50.0000	52
16	2-Butanone	43	4.724	4.724	(0.958)	54825	50.0000	52
* 18	Bromochloromethane	128	4.933	4.933	(1.000)	69014	50.0000	
19	Chloroform	83	5.015	5.015	(1.016)	190018	50.0000	52
20	1,1,1-Trichloroethane	97	5.200	5.200	(0.878)	130032	50.0000	53
21	Cyclohexane	56	5.259	5.259	(0.888)	149471	50.0000	55

5120

Data File: V5H9463.D
Report Date: 08-Aug-2007 14:42

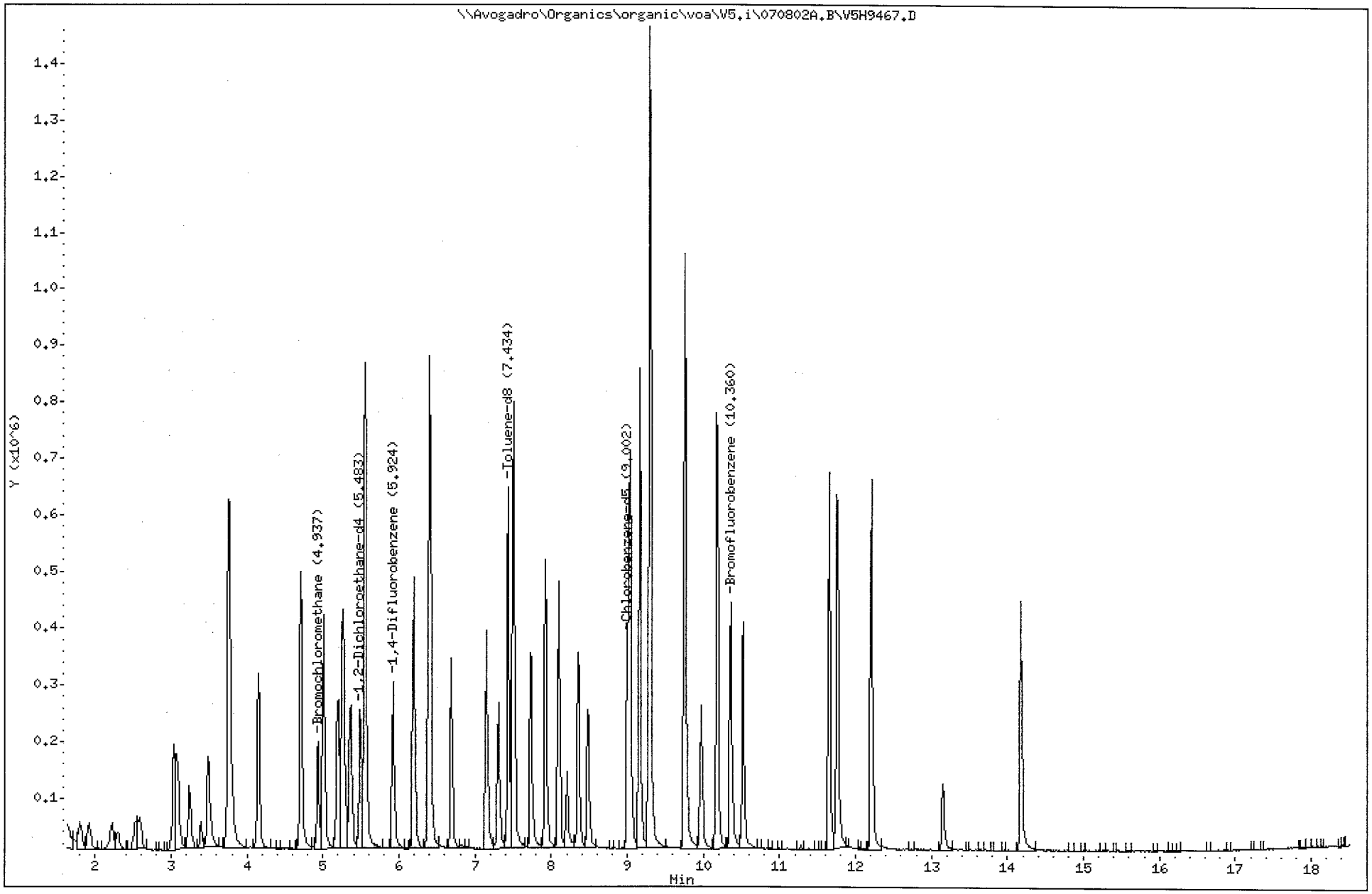
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.363	5.363	(0.906)	112575	50.0000	54
$	23 1,2-Dichloroethane-d4	65	5.491	5.491	(1.113)	93166	50.0000	51
	25 Benzene	78	5.549	5.549	(0.937)	403587	50.0000	55
	24 1,2-Dichloroethane	62	5.561	5.561	(1.127)	118814	50.0000	52
*	26 1,4-Difluorobenzene	114	5.921	5.921	(1.000)	292062	50.0000	
	27 Trichloroethene	130	6.199	6.199	(1.047)	102708	50.0000	55
	28 Methylcyclohexane	83	6.397	6.397	(1.080)	148241	50.0000	56
	29 1,2-Dichloropropane	63	6.408	6.408	(1.082)	118740	50.0000	54
	30 Bromodichloromethane	83	6.687	6.687	(1.129)	138475	50.0000	54
	31 cis-1,3-Dichloropropene	75	7.151	7.151	(1.208)	154487	50.0000	55
	32 4-Methyl-2-Pentanone	43	7.302	7.302	(0.811)	103484	50.0000	51
$	33 Toluene-d8	98	7.430	7.430	(0.825)	310793	50.0000	54
	34 Toluene	91	7.500	7.500	(0.832)	402961	50.0000	54
	35 trans-1,3-Dichloropropene	75	7.732	7.732	(1.306)	129949	50.0000	54
	36 1,1,2-Trichloroethane	97	7.930	7.930	(1.339)	104045	50.0000	54
	37 Tetrachloroethene	164	8.104	8.104	(0.899)	71293	50.0000	52
	38 2-Hexanone	43	8.220	8.220	(0.912)	52359	50.0000	48
	39 Dibromochloromethane	129	8.359	8.359	(1.412)	121336	50.0000	55
	40 1,2-Dibromoethane	107	8.487	8.487	(0.942)	119294	50.0000	52
*	42 Chlorobenzene-d5	117	9.010	9.010	(1.000)	265492	50.0000	
	43 Chlorobenzene	112	9.033	9.033	(1.003)	269633	50.0000	53
	44 Ethylbenzene	106	9.161	9.161	(1.017)	123788	50.0000	54
	45 m,p-Xylene	106	9.300	9.300	(1.032)	309190	100.000	110
	46 o-Xylene	106	9.753	9.753	(1.082)	159523	50.0000	56
	47 Styrene	104	9.764	9.764	(1.084)	172081	50.0000	55
	48 Bromoform	173	9.973	9.973	(1.685)	85080	50.0000	55
	49 Isopropylbenzene	105	10.182	10.182	(1.130)	374643	50.0000	54
$	50 Bromofluorobenzene	95	10.357	10.357	(1.150)	123417	50.0000	55
	51 1,1,2,2-Tetrachloroethane	83	10.519	10.519	(1.168)	159876	50.0000	53
M	41 Xylene (Total)	106				468713	50.0000	170
	52 1,3-Dichlorobenzene	146	11.657	11.657	(1.294)	185391	50.0000	54
	53 1,4-Dichlorobenzene	146	11.762	11.762	(1.305)	212789	50.0000	55
	54 1,2-Dichlorobenzene	146	12.215	12.215	(1.356)	193512	50.0000	54
	55 1,2-Dibromo-3-chloropropane	75	13.155	13.155	(1.460)	18814	50.0000	49
	56 1,2,4-Trichlorobenzene	180	14.177	14.177	(1.574)	99430	50.0000	53

lm 9/3/01

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9467.D
Date : 03-AUG-2007 01:32
Client ID: VSTD1005Z
Sample Info: 5G,VSTD1005Z,VSTD1005Z

Instrument: V5.i

Operator: HZA SRC: HZA
Column phase: DB-624
Column diameter: 0.25



Data File: V5H9467.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9467.D
Lab Smp Id: VSTD1005Z Client Smp ID: VSTD1005Z
Inj Date : 03-AUG-2007 01:32
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5G,VSTD1005Z,VSTD1005Z
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 02-AUG-2007 23:32 Cal File: V5H9463.D
Als bottle: 100 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.638	1.647	(0.332)	64665	100.000	110
2	Chloromethane	50	1.801	1.798	(0.365)	91241	100.000	110
3	Vinyl Chloride	62	1.917	1.926	(0.388)	87202	100.000	100
4	Bromomethane	94	2.219	2.216	(0.450)	55536	100.000	100
5	Chloroethane	64	2.300	2.297	(0.466)	42774	100.000	97
6	Trichlorofluoromethane	101	2.579	2.588	(0.522)	151294	100.000	100
7	1,1-Dichloroethene	96	3.032	3.029	(0.614)	64461	100.000	99
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.078	3.075	(0.624)	90743	100.000	100
9	Acetone	43	3.078	3.075	(0.624)	60771	100.000	97
10	Carbon Disulfide	76	3.241	3.249	(0.657)	225773	100.000	100
11	Methyl Acetate	43	3.392	3.389	(0.687)	85112	100.000	110
12	Methylene Chloride	84	3.485	3.493	(0.706)	110999	100.000	100
13	trans-1,2-Dichloroethene	96	3.752	3.760	(0.760)	212142	100.000	100
14	Methyl tert-Butyl Ether	73	3.775	3.772	(0.765)	577066	100.000	110
15	1,1-Dichloroethane	63	4.147	4.155	(0.840)	381345	100.000	110
17	cis-1,2-Dichloroethene	96	4.704	4.701	(0.953)	241377	100.000	100
16	2-Butanone	43	4.716	4.724	(0.955)	119723	100.000	120
* 18	Bromochloromethane	128	4.936	4.933	(1.000)	67732	50.0000	
19	Chloroform	83	5.006	5.015	(1.014)	370312	100.000	100
20	1,1,1-Trichloroethane	97	5.192	5.200	(0.877)	253474	100.000	100
21	Cyclohexane	56	5.262	5.259	(0.888)	292921	100.000	110

Data File: V5H9467.D
Report Date: 08-Aug-2007 14:42

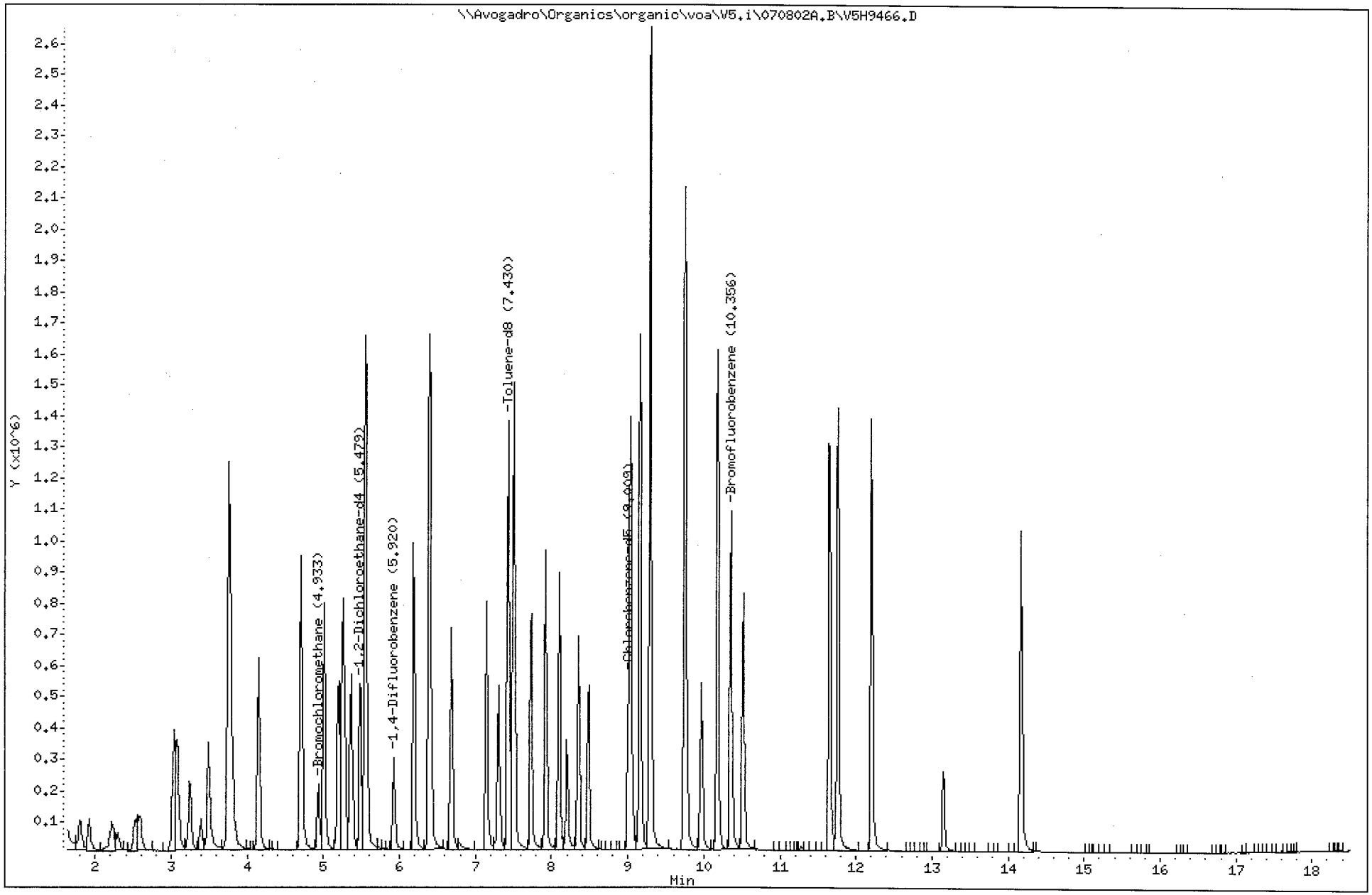
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.366	5.363	(0.906)	218494	100.000	100
$	23 1,2-Dichloroethane-d4	65	5.482	5.491	(1.111)	185588	100.000	100
	25 Benzene	78	5.552	5.549	(0.937)	740878	100.000	100
	24 1,2-Dichloroethane	62	5.564	5.561	(1.127)	227583	100.000	100
*	26 1,4-Difluorobenzene	114	5.924	5.921	(1.000)	293617	50.0000	
	27 Trichloroethene	130	6.191	6.199	(1.045)	194994	100.000	100
	28 Methylcyclohexane	83	6.388	6.397	(1.078)	278370	100.000	100
	29 1,2-Dichloropropane	63	6.400	6.408	(1.080)	216720	100.000	99
	30 Bromodichloromethane	83	6.678	6.687	(1.127)	270513	100.000	100
	31 cis-1,3-Dichloropropene	75	7.143	7.151	(1.206)	295968	100.000	100
	32 4-Methyl-2-Pentanone	43	7.306	7.302	(0.812)	216937	100.000	120
$	33 Toluene-d8	98	7.433	7.430	(0.826)	528398	100.000	100
	34 Toluene	91	7.503	7.500	(0.834)	745476	100.000	110
	35 trans-1,3-Dichloropropene	75	7.724	7.732	(1.304)	256945	100.000	110
	36 1,1,2-Trichloroethane	97	7.921	7.930	(1.337)	196517	100.000	100
	37 Tetrachloroethene	164	8.095	8.104	(0.899)	138170	100.000	110
	38 2-Hexanone	43	8.200	8.220	(0.911)	143621	100.000	140
	39 Dibromochloromethane	129	8.351	8.359	(1.410)	232644	100.000	100
	40 1,2-Dibromoethane	107	8.478	8.487	(0.942)	233042	100.000	110
*	42 Chlorobenzene-d5	117	9.001	9.010	(1.000)	245951	50.0000	
	43 Chlorobenzene	112	9.036	9.033	(1.004)	484872	100.000	100
	44 Ethylbenzene	106	9.164	9.161	(1.018)	237071	100.000	110
	45 m,p-Xylene	106	9.291	9.300	(1.032)	555047	200.000	210(A)
	46 o-Xylene	106	9.744	9.753	(1.083)	281663	100.000	110
	47 Styrene	104	9.767	9.764	(1.085)	316741	100.000	110
	48 Bromoform	173	9.965	9.973	(1.682)	165494	100.000	110
	49 Isopropylbenzene	105	10.186	10.182	(1.132)	712666	100.000	110
$	50 Bromofluorobenzene	95	10.360	10.357	(1.151)	222417	100.000	110
	51 1,1,2,2-Tetrachloroethane	83	10.522	10.519	(1.169)	302580	100.000	110
M	41 Xylene (Total)	106				836710	100.000	320(A)
	52 1,3-Dichlorobenzene	146	11.649	11.657	(1.294)	360519	100.000	110
	53 1,4-Dichlorobenzene	146	11.765	11.762	(1.307)	387212	100.000	110
	54 1,2-Dichlorobenzene	146	12.206	12.215	(1.356)	366823	100.000	110
	55 1,2-Dibromo-3-chloropropane	75	13.147	13.155	(1.461)	42740	100.000	120
	56 1,2,4-Trichlorobenzene	180	14.180	14.177	(1.575)	209793	100.000	120

jm 9/8/07

QC Flag Legend

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

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9466.D
Date : 03-AUG-2007 01:02
Client ID: VSTD2005Z
Instrument: V5.i
Sample Info: 5G,VSTD2005Z,VSTD2005Z
Operator: HZA SRC: HZA
Column phase: DB-624
Column diameter: 0.25



Data File: V5H9466.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9466.D
Lab Smp Id: VSTD2005Z Client Smp ID: VSTD2005Z
Inj Date : 03-AUG-2007 01:02
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5G,VSTD2005Z,VSTD2005Z
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 02-AUG-2007 23:32 Cal File: V5H9463.D
Als bottle: 100 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.634	1.647	(0.331)	129288	200.000	210(A)
2	Chloromethane	50	1.797	1.798	(0.364)	182554	200.000	210(A)
3	Vinyl Chloride	62	1.913	1.926	(0.388)	173396	200.000	200
4	Bromomethane	94	2.215	2.216	(0.449)	107377	200.000	180
5	Chloroethane	64	2.296	2.297	(0.466)	77223	200.000	170
6	Trichlorofluoromethane	101	2.575	2.588	(0.522)	310142	200.000	200
7	1,1-Dichloroethene	96	3.028	3.029	(0.614)	133180	200.000	190
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.074	3.075	(0.623)	185174	200.000	200
9	Acetone	43	3.074	3.075	(0.623)	108803	200.000	170
10	Carbon Disulfide	76	3.237	3.249	(0.656)	464135	200.000	200
11	Methyl Acetate	43	3.388	3.389	(0.687)	159704	200.000	200
12	Methylene Chloride	84	3.492	3.493	(0.708)	223165	200.000	200
13	trans-1,2-Dichloroethene	96	3.748	3.760	(0.760)	409694	200.000	190
14	Methyl tert-Butyl Ether	73	3.771	3.772	(0.765)	1196582	200.000	210(A)
15	1,1-Dichloroethane	63	4.143	4.155	(0.840)	759797	200.000	200
17	cis-1,2-Dichloroethene	96	4.700	4.701	(0.953)	472600	200.000	190
16	2-Butanone	43	4.712	4.724	(0.955)	223476	200.000	210(A)
* 18	Bromochloromethane	128	4.932	4.933	(1.000)	70955	50.0000	
19	Chloroform	83	5.002	5.015	(1.014)	749526	200.000	200
20	1,1,1-Trichloroethane	97	5.199	5.200	(0.878)	513417	200.000	200
21	Cyclohexane	56	5.258	5.259	(0.888)	591818	200.000	210(A)

Data File: V5H9466.D
Report Date: 08-Aug-2007 14:42

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22	Carbon Tetrachloride	117	5.362	5.363	(0.906)	454257	200.000	210(A)
$	23	1,2-Dichloroethane-d4	65	5.478	5.491	(1.111)	388570	200.000	210(A)
	25	Benzene	78	5.548	5.549	(0.937)	1394127	200.000	180
	24	1,2-Dichloroethane	62	5.559	5.561	(1.127)	485858	200.000	210(A)
*	26	1,4-Difluorobenzene	114	5.919	5.921	(1.000)	306306	50.0000	
	27	Trichloroethene	130	6.187	6.199	(1.045)	393855	200.000	200
	28	Methylcyclohexane	83	6.396	6.397	(1.080)	528188	200.000	190
	29	1,2-Dichloropropane	63	6.407	6.408	(1.082)	402460	200.000	180
	30	Bromodichloromethane	83	6.686	6.687	(1.129)	553468	200.000	200
	31	cis-1,3-Dichloropropene	75	7.139	7.151	(1.206)	622827	200.000	210(A)
	32	4-Methyl-2-Pentanone	43	7.301	7.302	(0.811)	431720	200.000	210(A)
$	33	Toluene-d8	98	7.429	7.430	(0.825)	1155756	200.000	200
	34	Toluene	91	7.499	7.500	(0.832)	1395661	200.000	180
	35	trans-1,3-Dichloropropene	75	7.731	7.732	(1.306)	544377	200.000	220(A)
	36	1,1,2-Trichloroethane	97	7.917	7.930	(1.337)	396937	200.000	200
	37	Tetrachloroethene	164	8.103	8.104	(0.899)	275417	200.000	190
	38	2-Hexanone	43	8.196	8.220	(0.910)	302670	200.000	270(A)
	39	Dibromochloromethane	129	8.358	8.359	(1.412)	477285	200.000	200
	40	1,2-Dibromoethane	107	8.486	8.487	(0.942)	477068	200.000	200
*	42	Chlorobenzene-d5	117	9.009	9.010	(1.000)	273885	50.0000	
	43	Chlorobenzene	112	9.032	9.033	(1.003)	954421	200.000	180
	44	Ethylbenzene	106	9.160	9.161	(1.017)	459373	200.000	190
	45	m,p-Xylene	106	9.299	9.300	(1.032)	1006194	400.000	340(A)
	46	o-Xylene	106	9.752	9.753	(1.082)	519071	200.000	180
	47	Styrene	104	9.763	9.764	(1.084)	609540	200.000	190
	48	Bromoform	173	9.972	9.973	(1.685)	341504	200.000	210(A)
	49	Isopropylbenzene	105	10.181	10.182	(1.130)	1366378	200.000	190
$	50	Bromofluorobenzene	95	10.356	10.357	(1.150)	502043	200.000	220(A)
	51	1,1,2,2-Tetrachloroethane	83	10.518	10.519	(1.168)	592042	200.000	190
M	41	Xylene (Total)	106				1525265	200.000	520(A)
	52	1,3-Dichlorobenzene	146	11.656	11.657	(1.294)	742119	200.000	210(A)
	53	1,4-Dichlorobenzene	146	11.761	11.762	(1.306)	783621	200.000	200
	54	1,2-Dichlorobenzene	146	12.202	12.215	(1.354)	736782	200.000	200
	55	1,2-Dibromo-3-chloropropane	75	13.143	13.155	(1.459)	87170	200.000	220(A)
	56	1,2,4-Trichlorobenzene	180	14.176	14.177	(1.574)	453944	200.000	230(A)

lm 9/8/07

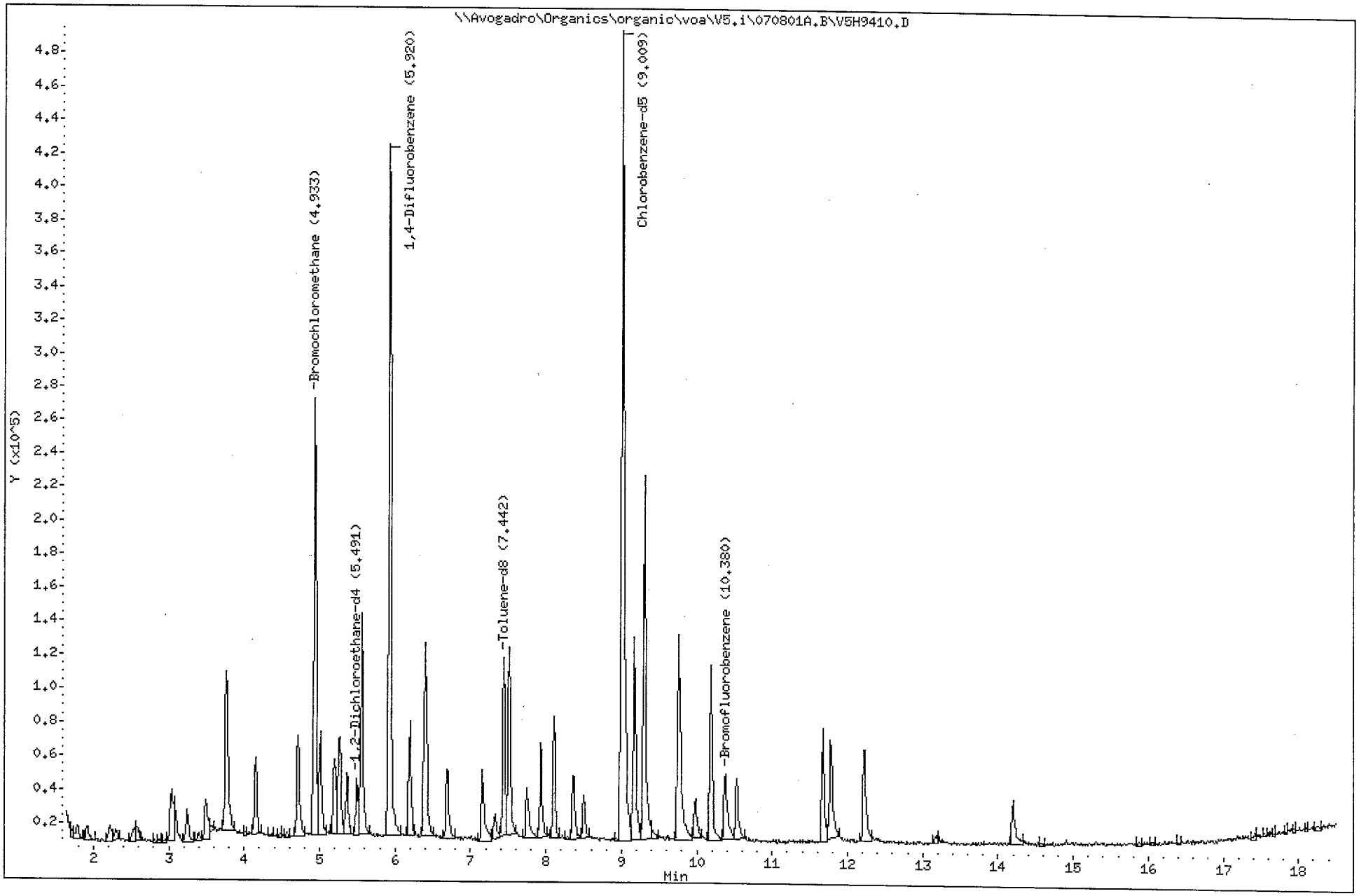
QC Flag Legend

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

Data File: \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9410.D
Date : 01-AUG-2007 15:13
Client ID: VSTD0105X
Sample Info: 5ML,VSTD0105X,VSTD0105X
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



0329

Data File: V5H9410.D
Report Date: 03-Aug-2007 10:25

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9410.D
Lab Smp Id: VSTD0105X Client Smp ID: VSTD0105X
Inj Date : 01-AUG-2007 15:13
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD0105X,VSTD0105X
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\v5clp4.m
Meth Date : 03-Aug-2007 10:20 sbotvin Quant Type: ISTD
Cal Date : 01-AUG-2007 14:15 Cal File: V5H9408.D
Als bottle: 96 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.635	1.648	(0.331)	6935	10.0000	8(a)
2	Chloromethane	50	1.785	1.799	(0.362)	13727	10.0000	10
3	Vinyl Chloride	62	1.925	1.927	(0.390)	14106	10.0000	10
4	Bromomethane	94	2.215	2.229	(0.449)	8913	10.0000	10
5	Chloroethane	64	2.285	2.298	(0.463)	7656	10.0000	11
6	Trichlorofluoromethane	101	2.575	2.589	(0.522)	19855	10.0000	10
7	1,1-Dichloroethene	96	3.040	3.041	(0.616)	9815	10.0000	10
9	Acetone	43	3.086	3.076	(0.626)	8765	10.0000	12
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.075	3.076	(0.623)	10906	10.0000	10
10	Carbon Disulfide	76	3.249	3.251	(0.659)	35091	10.0000	10
11	Methyl Acetate	43	3.400	3.390	(0.689)	9826	10.0000	11
12	Methylene Chloride	84	3.493	3.494	(0.708)	15424	10.0000	10
13	trans-1,2-Dichloroethene	96	3.760	3.761	(0.762)	32708	10.0000	11
14	Methyl tert-Butyl Ether	73	3.771	3.773	(0.765)	72524	10.0000	10
15	1,1-Dichloroethane	63	4.155	4.156	(0.842)	56392	10.0000	10
16	cis-1,2-Dichloroethene	96	4.712	4.714	(0.955)	34491	10.0000	10
17	2-Butanone	43	4.735	4.725	(0.960)	14720	10.0000	11
* 18	Bromochloromethane	128	4.933	4.934	(1.000)	88215	50.0000	
20	Chloroform	83	5.014	5.016	(1.016)	53966	10.0000	10
21	1,1,1-Trichloroethane	97	5.200	5.202	(0.878)	40323	10.0000	10
22	Cyclohexane	56	5.269	5.260	(0.890)	41509	10.0000	9(a)
23	Carbon Tetrachloride	117	5.362	5.364	(0.906)	32969	10.0000	10

Data File: V5H9410.D
Report Date: 03-Aug-2007 10:25

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	24	1,2-Dichloroethane-d4	65	5.490	5.492	(1.113)	27357	10.0000	11
	25	Benzene	78	5.560	5.550	(0.939)	118205	10.0000	11
	26	1,2-Dichloroethane	62	5.560	5.562	(1.127)	31911	10.0000	10
*	27	1,4-Difluorobenzene	114	5.920	5.922	(1.000)	445775	50.0000	
	28	Trichloroethene	130	6.198	6.189	(1.047)	29557	10.0000	10
	29	Methylcyclohexane	83	6.396	6.398	(1.080)	37505	10.0000	10
	30	1,2-Dichloropropane	63	6.407	6.409	(1.082)	35202	10.0000	11(T)
	31	Bromodichloromethane	83	6.686	6.688	(1.129)	36374	10.0000	10
	33	cis-1,3-Dichloropropene	75	7.162	7.153	(1.210)	39551	10.0000	9(a)
	34	4-Methyl-2-Pentanone	43	7.325	7.303	(0.813)	17295	10.0000	8(a)
$	35	Toluene-d8	98	7.441	7.431	(0.826)	94463	10.0000	11
	36	Toluene	91	7.511	7.501	(0.834)	115987	10.0000	11
	37	trans-1,3-Dichloropropene	75	7.743	7.733	(1.308)	32701	10.0000	9(a)
	38	1,1,2-Trichloroethane	97	7.929	7.931	(1.339)	26941	10.0000	11
	39	Tetrachloroethene	164	8.103	8.105	(0.899)	21872	10.0000	11
	40	2-Hexanone	43	8.370	8.209	(0.929)	11193	10.0000	8(Ta)
	41	Dibromochloromethane	129	8.370	8.360	(1.414)	28514	10.0000	10(T)
	42	1,2-Dibromoethane	107	8.498	8.488	(0.943)	28912	10.0000	10
*	43	Chlorobenzene-d5	117	9.009	9.011	(1.000)	341138	50.0000	
	44	Chlorobenzene	112	9.044	9.034	(1.004)	71764	10.0000	11
	45	Ethylbenzene	106	9.171	9.162	(1.018)	35459	10.0000	11
	46	m,p-Xylene	106	9.299	9.301	(1.032)	89953	20.0000	23
	47	o-Xylene	106	9.752	9.754	(1.082)	43362	10.0000	11
	48	Styrene	104	9.775	9.765	(1.085)	41587	10.0000	10
	49	Bromoform	173	9.984	9.974	(1.687)	18056	10.0000	10
	50	Isopropylbenzene	105	10.182	10.184	(1.130)	105607	10.0000	10
$	51	Bromofluorobenzene	95	10.379	10.358	(1.152)	29981	10.0000	10
	52	1,1,2,2-Tetrachloroethane	83	10.530	10.520	(1.169)	33277	10.0000	10
M	53	Xylene (Total)	106				133315	10.0000	34
	54	1,3-Dichlorobenzene	146	11.668	11.658	(1.295)	43138	10.0000	10
	55	1,4-Dichlorobenzene	146	11.773	11.763	(1.307)	51761	10.0000	10
	56	1,2-Dichlorobenzene	146	12.214	12.204	(1.356)	44726	10.0000	10
	57	1,2-Dibromo-3-chloropropane	75	13.178	13.156	(1.463)	2758	10.0000	8(a)
	58	1,2,4-Trichlorobenzene	180	14.200	14.178	(1.576)	18208	10.0000	8(a)

QC Flag Legend

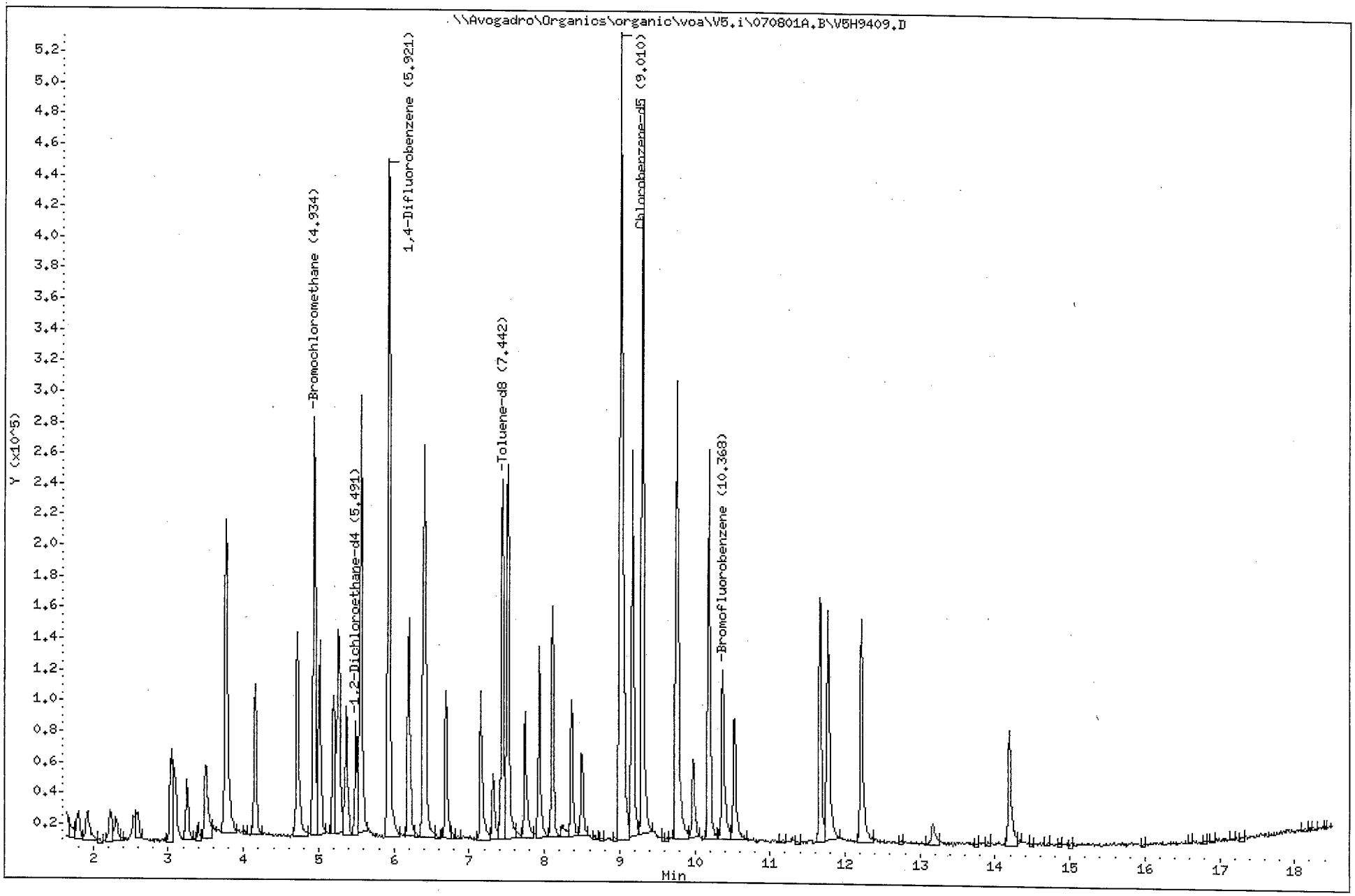
T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

8/3/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9409.D
Date : 01-AUG-2007 14:44
Client ID: VSTD0205X
Sample Info: 5ML,VSTD0205X,VSTD0205X
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



S229

Data File: V5H9409.D
Report Date: 03-Aug-2007 10:25

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9409.D
Lab Smp Id: VSTD0205X Client Smp ID: VSTD0205X
Inj Date : 01-AUG-2007 14:44
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD0205X,VSTD0205X
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\v5clp4.m
Meth Date : 03-Aug-2007 10:20 sbotvin Quant Type: ISTD
Cal Date : 01-AUG-2007 14:15 Cal File: V5H9408.D
Als bottle: 95 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.635	1.648	(0.331)	18878	20.0000	22
2	Chloromethane	50	1.798	1.799	(0.364)	30354	20.0000	20
3	Vinyl Chloride	62	1.925	1.927	(0.390)	28621	20.0000	19
4	Bromomethane	94	2.227	2.229	(0.452)	20867	20.0000	23
5	Chloroethane	64	2.297	2.298	(0.466)	15875	20.0000	22
6	Trichlorofluoromethane	101	2.587	2.589	(0.525)	43980	20.0000	20
7	1,1-Dichloroethene	96	3.040	3.041	(0.616)	20283	20.0000	20
9	Acetone	43	3.087	3.076	(0.626)	14380	20.0000	18
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.075	3.076	(0.623)	24586	20.0000	21
10	Carbon Disulfide	76	3.249	3.251	(0.659)	71086	20.0000	20
11	Methyl Acetate	43	3.400	3.390	(0.689)	18600	20.0000	19
12	Methylene Chloride	84	3.493	3.494	(0.708)	32259	20.0000	20
13	trans-1,2-Dichloroethene	96	3.760	3.761	(0.762)	67106	20.0000	21
14	Methyl tert-Butyl Ether	73	3.772	3.773	(0.765)	149177	20.0000	20
15	1,1-Dichloroethane	63	4.155	4.156	(0.842)	116488	20.0000	20
16	cis-1,2-Dichloroethene	96	4.712	4.714	(0.955)	71004	20.0000	20
17	2-Butanone	43	4.736	4.725	(0.960)	29462	20.0000	20
* 18	Bromochloromethane	128	4.933	4.934	(1.000)	92478	50.0000	
20	Chloroform	83	5.014	5.016	(1.016)	110307	20.0000	20
21	1,1,1-Trichloroethane	97	5.200	5.202	(0.878)	80421	20.0000	20
22	Cyclohexane	56	5.258	5.260	(0.888)	94192	20.0000	21
23	Carbon Tetrachloride	117	5.363	5.364	(0.906)	68909	20.0000	20

Data File: V5H9409.D
Report Date: 03-Aug-2007 10:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24 1,2-Dichloroethane-d4	65	5.490	5.492	(1.113)	56229	20.0000	21
	25 Benzene	78	5.560	5.550	(0.939)	252882	20.0000	22
	26 1,2-Dichloroethane	62	5.560	5.562	(1.127)	64477	20.0000	20
*	27 1,4-Difluorobenzene	114	5.920	5.922	(1.000)	465285	50.0000	
	28 Trichloroethene	130	6.199	6.189	(1.047)	61333	20.0000	20
	29 Methylcyclohexane	83	6.396	6.398	(1.080)	84939	20.0000	22
	30 1,2-Dichloropropane	63	6.408	6.409	(1.082)	70706	20.0000	21
	31 Bromodichloromethane	83	6.687	6.688	(1.129)	75737	20.0000	20
	33 cis-1,3-Dichloropropene	75	7.151	7.153	(1.208)	87882	20.0000	20
	34 4-Methyl-2-Pentanone	43	7.314	7.303	(0.812)	48729	20.0000	20
$	35 Toluene-d8	98	7.441	7.431	(0.826)	195747	20.0000	21
	36 Toluene	91	7.511	7.501	(0.834)	240027	20.0000	21
	37 trans-1,3-Dichloropropene	75	7.743	7.733	(1.308)	69633	20.0000	19
	38 1,1,2-Trichloroethane	97	7.929	7.931	(1.339)	51863	20.0000	19
	39 Tetrachloroethene	164	8.103	8.105	(0.899)	42766	20.0000	20
	40 2-Hexanone	43	8.243	8.209	(0.915)	25404	20.0000	16(Q)
	41 Dibromochloromethane	129	8.359	8.360	(1.412)	58150	20.0000	19(T)
	42 1,2-Dibromoethane	107	8.498	8.488	(0.943)	57799	20.0000	19
*	43 Chlorobenzene-d5	117	9.009	9.011	(1.000)	374040	50.0000	
	44 Chlorobenzene	112	9.044	9.034	(1.004)	149054	20.0000	20
	45 Ethylbenzene	106	9.172	9.162	(1.018)	75394	20.0000	21
	46 m,p-Xylene	106	9.300	9.301	(1.032)	185643	40.0000	43
	47 o-Xylene	106	9.752	9.754	(1.082)	89684	20.0000	21
	48 Styrene	104	9.776	9.765	(1.085)	92994	20.0000	20
	49 Bromoform	173	9.973	9.974	(1.685)	36265	20.0000	19
	50 Isopropylbenzene	105	10.182	10.184	(1.130)	229747	20.0000	21
$	51 Bromofluorobenzene	95	10.368	10.358	(1.151)	68597	20.0000	20
	52 1,1,2,2-Tetrachloroethane	83	10.519	10.520	(1.168)	69840	20.0000	19
M	53 Xylene (Total)	106				275327	20.0000	64
	54 1,3-Dichlorobenzene	146	11.669	11.658	(1.295)	96329	20.0000	19
	55 1,4-Dichlorobenzene	146	11.773	11.763	(1.307)	113803	20.0000	21
	56 1,2-Dichlorobenzene	146	12.214	12.204	(1.356)	94423	20.0000	19
	57 1,2-Dibromo-3-chloropropane	75	13.167	13.156	(1.461)	6561	20.0000	18
	58 1,2,4-Trichlorobenzene	180	14.189	14.178	(1.575)	42564	20.0000	18

QC Flag Legend

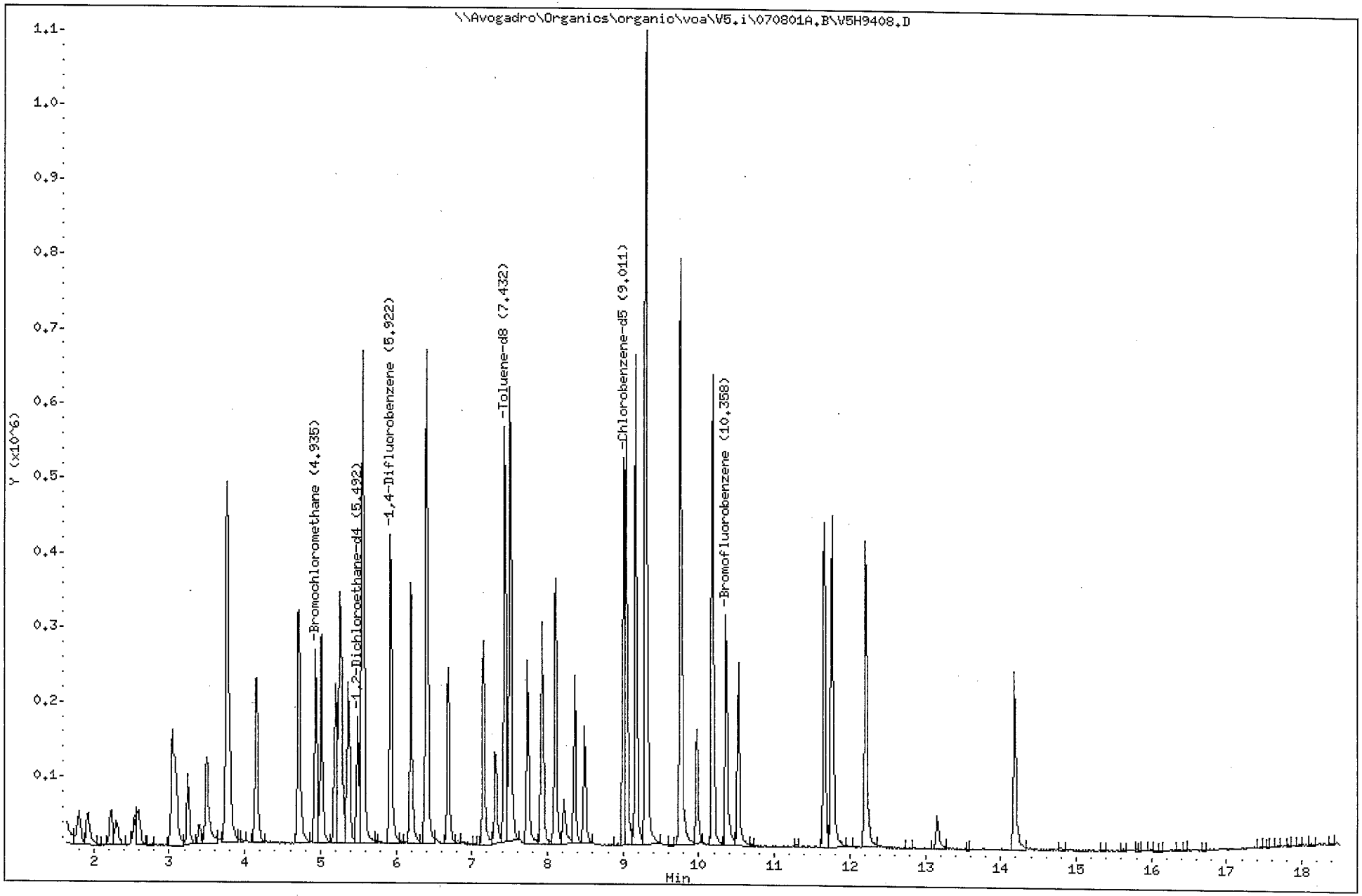
T - Target compound detected outside RT window.
Q - Qualifier signal failed the ratio test.

SB 8/3/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9408.D
Date : 01-AUG-2007 14:15
Client ID: VSTD0505X
Sample Info: 5ML,VSTD0505X,VSTD0505X
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



S228

Data File: V5H9408.D
Report Date: 03-Aug-2007 10:27

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9408.D
Lab Smp Id: VSTD0505X Client Smp ID: VSTD0505X
Inj Date : 01-AUG-2007 14:15
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD0505X,VSTD0505X
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\v5clp4.m
Meth Date : 03-Aug-2007 10:20 sbotvin Quant Type: ISTD
Cal Date : 01-AUG-2007 14:15 Cal File: V5H9408.D
Als bottle: 94 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET109

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.648	1.648	(0.334)	47310	50.0000	58
2	Chloromethane	50	1.799	1.799	(0.365)	76632	50.0000	56
3	Vinyl Chloride	62	1.927	1.927	(0.391)	76849	50.0000	55
4	Bromomethane	94	2.229	2.229	(0.452)	48888	50.0000	58
5	Chloroethane	64	2.298	2.298	(0.466)	39772	50.0000	59
6	Trichlorofluoromethane	101	2.589	2.589	(0.525)	114306	50.0000	56
7	1,1-Dichloroethene	96	3.041	3.041	(0.616)	49686	50.0000	53
9	Acetone	43	3.076	3.076	(0.623)	38881	50.0000	54
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.076	3.076	(0.623)	60914	50.0000	56
10	Carbon Disulfide	76	3.251	3.251	(0.659)	174946	50.0000	53
11	Methyl Acetate	43	3.390	3.390	(0.687)	49521	50.0000	55
12	Methylene Chloride	84	3.494	3.494	(0.708)	79564	50.0000	55
13	trans-1,2-Dichloroethene	96	3.761	3.761	(0.762)	162019	50.0000	54
14	Methyl tert-Butyl Ether	73	3.773	3.773	(0.765)	370808	50.0000	53
15	1,1-Dichloroethane	63	4.156	4.156	(0.842)	283199	50.0000	53
16	cis-1,2-Dichloroethene	96	4.714	4.714	(0.955)	170674	50.0000	53
17	2-Butanone	43	4.725	4.725	(0.958)	69508	50.0000	52
* 18	Bromochloromethane	128	4.934	4.934	(1.000)	85585	50.0000	
20	Chloroform	83	5.016	5.016	(1.016)	266781	50.0000	53
21	1,1,1-Trichloroethane	97	5.202	5.202	(0.878)	198045	50.0000	53
22	Cyclohexane	56	5.260	5.260	(0.888)	238330	50.0000	56

Data File: V5H9408.D
Report Date: 03-Aug-2007 10:27

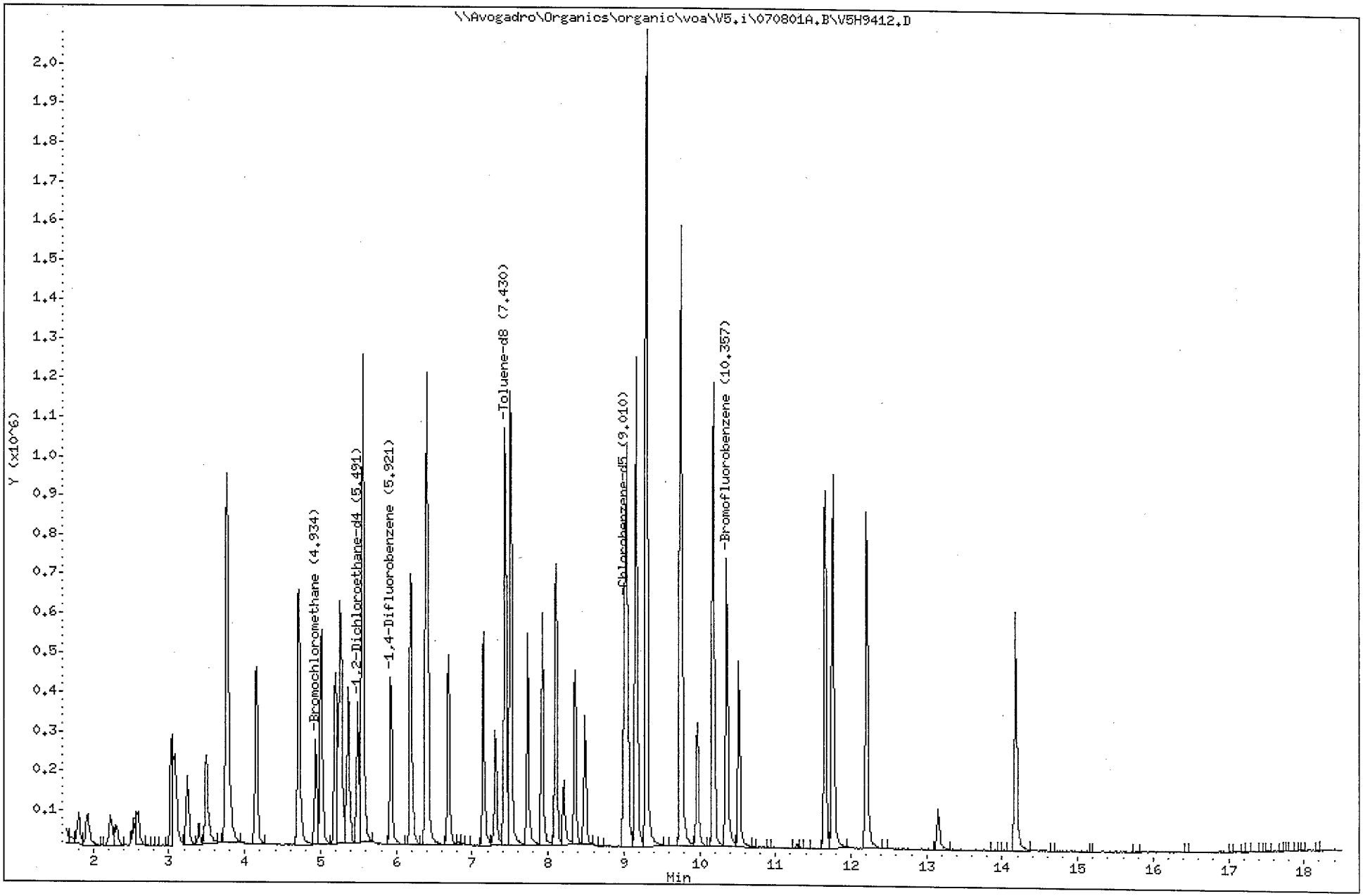
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	23 Carbon Tetrachloride	117	5.364	5.364	(0.906)	172258	50.0000	54
$	24 1,2-Dichloroethane-d4	65	5.492	5.492	(1.113)	121014	50.0000	49
	25 Benzene	78	5.550	5.550	(0.937)	584714	50.0000	54
	26 1,2-Dichloroethane	62	5.562	5.562	(1.127)	157598	50.0000	52
*	27 1,4-Difluorobenzene	114	5.922	5.922	(1.000)	428793	50.0000	
	28 Trichloroethene	130	6.189	6.189	(1.045)	147746	50.0000	53
	29 Methylcyclohexane	83	6.398	6.398	(1.080)	205765	50.0000	57
	30 1,2-Dichloropropane	63	6.409	6.409	(1.082)	169110	50.0000	54
	31 Bromodichloromethane	83	6.688	6.688	(1.129)	180861	50.0000	52
	33 cis-1,3-Dichloropropene	75	7.153	7.153	(1.208)	217741	50.0000	54
	34 4-Methyl-2-Pentanone	43	7.303	7.303	(0.811)	123484	50.0000	55
$	35 Toluene-d8	98	7.431	7.431	(0.825)	455041	50.0000	52
	36 Toluene	91	7.501	7.501	(0.832)	575491	50.0000	54
	37 trans-1,3-Dichloropropene	75	7.733	7.733	(1.306)	185021	50.0000	55
	38 1,1,2-Trichloroethane	97	7.931	7.931	(1.339)	133605	50.0000	54
	39 Tetrachloroethene	164	8.105	8.105	(0.899)	103492	50.0000	52
	40 2-Hexanone	43	8.209	8.209	(0.911)	77240	50.0000	54
	41 Dibromochloromethane	129	8.360	8.360	(1.412)	151320	50.0000	54
	42 1,2-Dibromoethane	107	8.488	8.488	(0.942)	148798	50.0000	53
*	43 Chlorobenzene-d5	117	9.011	9.011	(1.000)	347031	50.0000	
	44 Chlorobenzene	112	9.034	9.034	(1.003)	362467	50.0000	54
	45 Ethylbenzene	106	9.162	9.162	(1.017)	182303	50.0000	54
	46 m,p-Xylene	106	9.301	9.301	(1.032)	437258	100.000	110
	47 o-Xylene	106	9.754	9.754	(1.082)	215602	50.0000	54
	48 Styrene	104	9.765	9.765	(1.084)	233875	50.0000	55
	49 Bromoform	173	9.974	9.974	(1.684)	95467	50.0000	54
	50 Isopropylbenzene	105	10.184	10.184	(1.130)	551937	50.0000	54
$	51 Bromofluorobenzene	95	10.358	10.358	(1.149)	155872	50.0000	49
	52 1,1,2,2-Tetrachloroethane	83	10.520	10.520	(1.168)	185164	50.0000	56
M	53 Xylene (Total)	106				652860	50.0000	160
	54 1,3-Dichlorobenzene	146	11.658	11.658	(1.294)	245555	50.0000	54
	55 1,4-Dichlorobenzene	146	11.763	11.763	(1.305)	269252	50.0000	52
	56 1,2-Dichlorobenzene	146	12.204	12.204	(1.354)	238136	50.0000	53
	57 1,2-Dibromo-3-chloropropane	75	13.156	13.156	(1.460)	18584	50.0000	54
	58 1,2,4-Trichlorobenzene	180	14.178	14.178	(1.573)	108693	50.0000	49

SB 8/3/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9412.D
Date : 01-AUG-2007 16:10
Client ID: VSTD1005X
Sample Info: 5ML,VSTD1005X,VSTD1005X
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



S239

Data File: V5H9412.D
Report Date: 03-Aug-2007 10:25

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9412.D
Lab Smp Id: VSTD1005X Client Smp ID: VSTD1005X
Inj Date : 01-AUG-2007 16:10
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD1005X,VSTD1005X
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\v5clp4.m
Meth Date : 03-Aug-2007 10:20 sbotvin Quant Type: ISTD
Cal Date : 01-AUG-2007 14:15 Cal File: V5H9408.D
Als bottle: 98 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.647	1.648	(0.334)	85545	100.000	100
2	Chloromethane	50	1.809	1.799	(0.367)	146626	100.000	100
3	Vinyl Chloride	62	1.925	1.927	(0.390)	149082	100.000	100
4	Bromomethane	94	2.227	2.229	(0.452)	76391	100.000	86
5	Chloroethane	64	2.297	2.298	(0.466)	62454	100.000	88
6	Trichlorofluoromethane	101	2.587	2.589	(0.525)	209247	100.000	98
7	1,1-Dichloroethene	96	3.029	3.041	(0.614)	97453	100.000	100
9	Acetone	43	3.075	3.076	(0.623)	69485	100.000	92
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.075	3.076	(0.623)	113404	100.000	99
10	Carbon Disulfide	76	3.249	3.251	(0.659)	336789	100.000	98
11	Methyl Acetate	43	3.389	3.390	(0.687)	93782	100.000	99
12	Methylene Chloride	84	3.493	3.494	(0.708)	150225	100.000	98
13	trans-1,2-Dichloroethene	96	3.760	3.761	(0.762)	304939	100.000	96
14	Methyl tert-Butyl Ether	73	3.772	3.773	(0.765)	748074	100.000	100
15	1,1-Dichloroethane	63	4.155	4.156	(0.842)	562258	100.000	99
16	cis-1,2-Dichloroethene	96	4.712	4.714	(0.955)	333364	100.000	98
17	2-Butanone	43	4.724	4.725	(0.958)	139797	100.000	99
* 18	Bromochloromethane	128	4.933	4.934	(1.000)	89903	50.0000	
20	Chloroform	83	5.014	5.016	(1.016)	521496	100.000	98
21	1,1,1-Trichloroethane	97	5.200	5.202	(0.878)	393955	100.000	100
22	Cyclohexane	56	5.258	5.260	(0.888)	444752	100.000	100
23	Carbon Tetrachloride	117	5.363	5.364	(0.906)	332661	100.000	100

Data File: V5H9412.D
Report Date: 03-Aug-2007 10:25

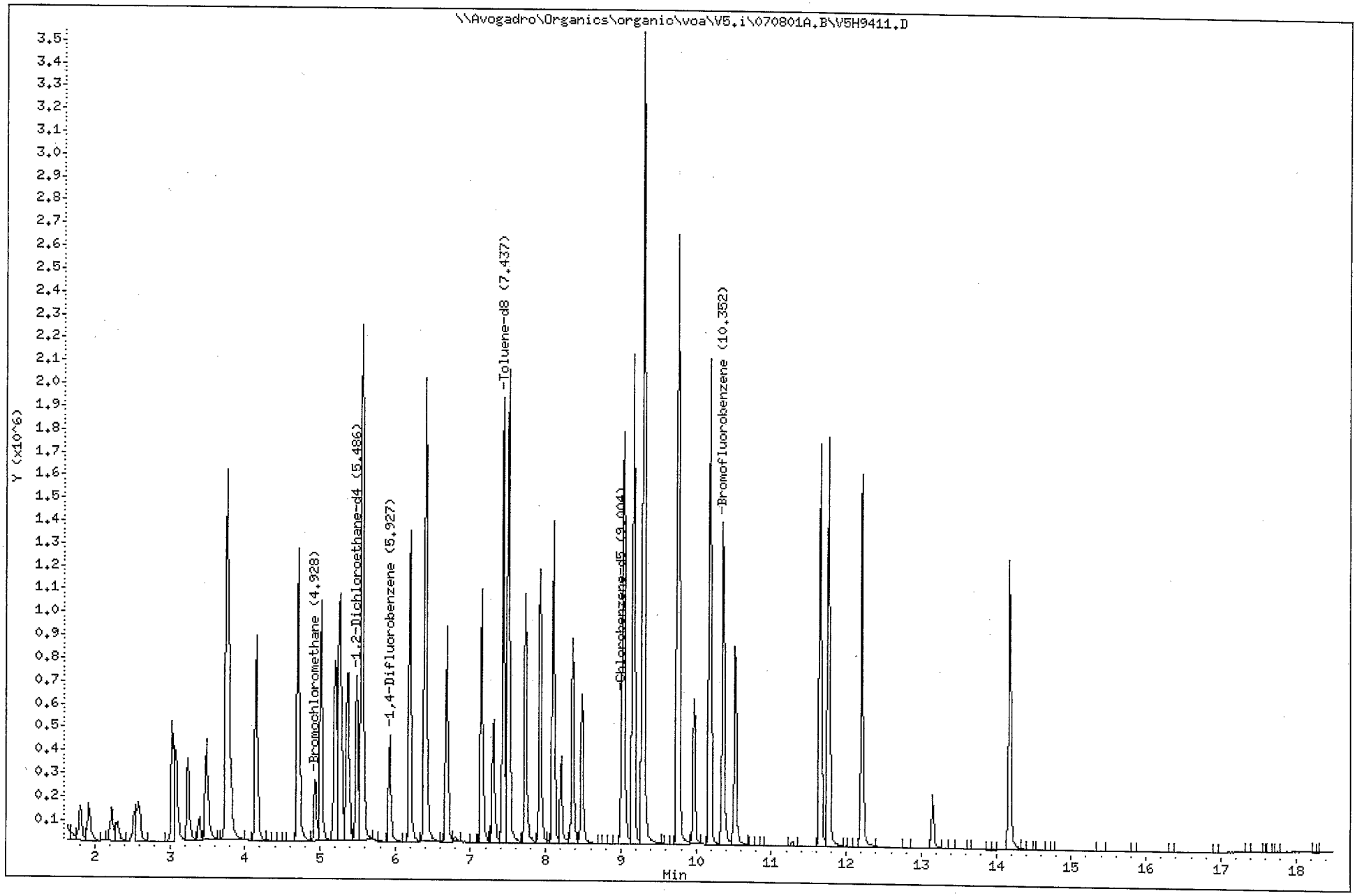
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24 1,2-Dichloroethane-d4	65	5.490	5.492	(1.113)	251583	100.000	96
	25 Benzene	78	5.549	5.550	(0.937)	1092943	100.000	98
	26 1,2-Dichloroethane	62	5.560	5.562	(1.127)	317225	100.000	100
*	27 1,4-Difluorobenzene	114	5.920	5.922	(1.000)	446278	50.0000	
	28 Trichloroethene	130	6.187	6.189	(1.045)	286391	100.000	99
	29 Methylcyclohexane	83	6.396	6.398	(1.080)	363146	100.000	97
	30 1,2-Dichloropropane	63	6.408	6.409	(1.082)	317120	100.000	98
	31 Bromodichloromethane	83	6.687	6.688	(1.129)	369802	100.000	100
	33 cis-1,3-Dichloropropene	75	7.151	7.153	(1.208)	434625	100.000	100
	34 4-Methyl-2-Pentanone	43	7.302	7.303	(0.811)	255219	100.000	110
$	35 Toluene-d8	98	7.430	7.431	(0.825)	887975	100.000	95
	36 Toluene	91	7.500	7.501	(0.832)	1078591	100.000	95
	37 trans-1,3-Dichloropropene	75	7.732	7.733	(1.306)	367266	100.000	100
	38 1,1,2-Trichloroethane	97	7.929	7.931	(1.339)	252973	100.000	99
	39 Tetrachloroethene	164	8.103	8.105	(0.899)	204462	100.000	96
	40 2-Hexanone	43	8.208	8.209	(0.911)	176791	100.000	120
	41 Dibromochloromethane	129	8.359	8.360	(1.412)	302031	100.000	100
	42 1,2-Dibromoethane	107	8.487	8.488	(0.942)	296522	100.000	99
*	43 Chlorobenzene-d5	117	9.009	9.011	(1.000)	368490	50.0000	
	44 Chlorobenzene	112	9.032	9.034	(1.003)	689542	100.000	96
	45 Ethylbenzene	106	9.160	9.162	(1.017)	352215	100.000	97
	46 m,p-Xylene	106	9.300	9.301	(1.032)	789606	200.000	190
	47 o-Xylene	106	9.752	9.754	(1.082)	406700	100.000	96
	48 Styrene	104	9.764	9.765	(1.084)	458519	100.000	100
	49 Bromoform	173	9.973	9.974	(1.685)	193713	100.000	100
	50 Isopropylbenzene	105	10.182	10.184	(1.130)	1047115	100.000	96
$	51 Bromofluorobenzene	95	10.356	10.358	(1.150)	360429	100.000	110
	52 1,1,2,2-Tetrachloroethane	83	10.519	10.520	(1.168)	346984	100.000	98
M	53 Xylene (Total)	106				1196306	100.000	280
	54 1,3-Dichlorobenzene	146	11.657	11.658	(1.294)	498485	100.000	100
	55 1,4-Dichlorobenzene	146	11.762	11.763	(1.305)	533952	100.000	98
	56 1,2-Dichlorobenzene	146	12.203	12.204	(1.354)	478192	100.000	100
	57 1,2-Dibromo-3-chloropropane	75	13.155	13.156	(1.460)	42390	100.000	120
	58 1,2,4-Trichlorobenzene	180	14.177	14.178	(1.574)	262637	100.000	110

SB 8/3/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9411.D
Date : 01-AUG-2007 15:41
Client ID: VSTD2005X
Sample Info: 5ML,VSTD2005X,VSTD2005X
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



23230

Data File: V5H9411.D
Report Date: 03-Aug-2007 10:25

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9411.D
Lab Smp Id: VSTD2005X Client Smp ID: VSTD2005X
Inj Date : 01-AUG-2007 15:41
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD2005X,VSTD2005X
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070801A.B\v5clp4.m
Meth Date : 03-Aug-2007 10:20 sbotvin Quant Type: ISTD
Cal Date : 01-AUG-2007 14:15 Cal File: V5H9408.D
Als bottle: 97 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.641	1.648	(0.333)	156241	200.000	180
2	Chloromethane	50	1.804	1.799	(0.366)	256375	200.000	180
3	Vinyl Chloride	62	1.920	1.927	(0.390)	270339	200.000	190
4	Bromomethane	94	2.222	2.229	(0.451)	140942	200.000	160
5	Chloroethane	64	2.303	2.298	(0.467)	107310	200.000	150
6	Trichlorofluoromethane	101	2.582	2.589	(0.524)	398208	200.000	190(Q)
7	1,1-Dichloroethene	96	3.035	3.041	(0.616)	177785	200.000	180
9	Acetone	43	3.070	3.076	(0.623)	135712	200.000	180
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.081	3.076	(0.625)	198267	200.000	170
10	Carbon Disulfide	76	3.244	3.251	(0.658)	637434	200.000	180
11	Methyl Acetate	43	3.395	3.390	(0.689)	175387	200.000	180
12	Methylene Chloride	84	3.488	3.494	(0.708)	269965	200.000	180
13	trans-1,2-Dichloroethene	96	3.755	3.761	(0.762)	552886	200.000	170
14	Methyl tert-Butyl Ether	73	3.778	3.773	(0.767)	1401290	200.000	190
15	1,1-Dichloroethane	63	4.150	4.156	(0.842)	1061223	200.000	190
16	cis-1,2-Dichloroethene	96	4.707	4.714	(0.955)	614608	200.000	180
17	2-Butanone	43	4.719	4.725	(0.958)	259180	200.000	180
* 18	Bromochloromethane	128	4.928	4.934	(1.000)	90112	50.0000	
20	Chloroform	83	5.009	5.016	(1.016)	978689	200.000	180
21	1,1,1-Trichloroethane	97	5.195	5.202	(0.877)	747097	200.000	180
22	Cyclohexane	56	5.265	5.260	(0.888)	804183	200.000	180
23	Carbon Tetrachloride	117	5.369	5.364	(0.906)	653448	200.000	190

Data File: V5H9411.D
Report Date: 03-Aug-2007 10:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
$	24 1,2-Dichloroethane-d4	65	5.485	5.492	(1.113)	499974	200.000	190
	25 Benzene	78	5.555	5.550	(0.937)	1856754	200.000	160
	26 1,2-Dichloroethane	62	5.555	5.562	(1.127)	601043	200.000	190
*	27 1,4-Difluorobenzene	114	5.926	5.922	(1.000)	462499	50.0000	
	28 Trichloroethene	130	6.194	6.189	(1.045)	533293	200.000	180
	29 Methylcyclohexane	83	6.391	6.398	(1.078)	605589	200.000	160
	30 1,2-Dichloropropane	63	6.403	6.409	(1.080)	531204	200.000	160
	31 Bromodichloromethane	83	6.681	6.688	(1.127)	707474	200.000	190
	33 cis-1,3-Dichloropropene	75	7.146	7.153	(1.206)	811021	200.000	190
	34 4-Methyl-2-Pentanone	43	7.308	7.303	(0.812)	483863	200.000	210(A)
$	35 Toluene-d8	98	7.436	7.431	(0.826)	1590919	200.000	170
	36 Toluene	91	7.506	7.501	(0.834)	1847193	200.000	170
	37 trans-1,3-Dichloropropene	75	7.727	7.733	(1.304)	699712	200.000	190
	38 1,1,2-Trichloroethane	97	7.924	7.931	(1.337)	473130	200.000	180
	39 Tetrachloroethene	164	8.098	8.105	(0.899)	382338	200.000	180
	40 2-Hexanone	43	8.203	8.209	(0.911)	349641	200.000	230(A)
	41 Dibromochloromethane	129	8.354	8.360	(1.410)	569825	200.000	190
	42 1,2-Dibromoethane	107	8.481	8.488	(0.942)	558334	200.000	190
*	43 Chlorobenzene-d5	117	9.004	9.011	(1.000)	361085	50.0000	
	44 Chlorobenzene	112	9.039	9.034	(1.004)	1202934	200.000	170
	45 Ethylbenzene	106	9.167	9.162	(1.018)	617599	200.000	170
	46 m,p-Xylene	106	9.294	9.301	(1.032)	1289776	400.000	310
	47 o-Xylene	106	9.747	9.754	(1.083)	682607	200.000	160
	48 Styrene	104	9.770	9.765	(1.085)	779493	200.000	180
	49 Bromoform	173	9.968	9.974	(1.682)	372322	200.000	190
	50 Isopropylbenzene	105	10.177	10.184	(1.130)	1880436	200.000	180
$	51 Bromofluorobenzene	95	10.351	10.358	(1.150)	663993	200.000	200
	52 1,1,2,2-Tetrachloroethane	83	10.514	10.520	(1.168)	639734	200.000	180
M	53 Xylene (Total)	106				1972383	200.000	470
	54 1,3-Dichlorobenzene	146	11.652	11.658	(1.294)	932868	200.000	200
	55 1,4-Dichlorobenzene	146	11.756	11.763	(1.306)	977280	200.000	180
	56 1,2-Dichlorobenzene	146	12.209	12.204	(1.356)	901127	200.000	190
	57 1,2-Dibromo-3-chloropropane	75	13.150	13.156	(1.460)	77482	200.000	220(A)
	58 1,2,4-Trichlorobenzene	180	14.172	14.178	(1.574)	523041	200.000	230(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

SB 8/3/07

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 07/19/07 Time: 2232

Lab File ID: V5H9073 Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(VSTD050##): VSTD050Y5 Init. Calib. Times: 1004 1205

Heated Purge: (Y/N) Y

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.727	0.759		4.4	
Chloromethane	1.684	1.659		-1.5	
Vinyl Chloride	1.548	1.508	0.100	-2.6	25.0
Bromomethane	1.023	1.119	0.100	9.4	25.0
Chloroethane	0.863	0.952		10.3	
Trichlorofluoromethane	1.486	1.798		21.0	
1,1-Dichloroethene	1.103	1.133	0.100	2.7	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.422	1.352		-4.9	
Acetone	1.101	0.835		-24.2	
Carbon Disulfide	4.169	4.195		0.6	
Methyl Acetate	1.759	1.673		-4.9	
Methylene Chloride	1.701	1.770		4.1	
trans-1,2-Dichloroethene	1.476	1.555		5.4	
Methyl tert-Butyl Ether	4.841	5.581		15.3	
1,1-Dichloroethane	3.509	3.662	0.200	4.4	25.0
cis-1,2-Dichloroethene	1.522	1.737		14.1	
2-Butanone	1.384	1.272		-8.1	
Chloroform	3.106	3.284	0.200	5.7	25.0
1,1,1-Trichloroethane	0.529	0.550	0.100	4.0	25.0
Cyclohexane	0.614	0.636		3.6	
Carbon Tetrachloride	0.462	0.486	0.100	5.2	25.0
Benzene	1.485	1.631	0.500	9.8	25.0
1,2-Dichloroethane	2.815	2.943	0.100	4.5	25.0
Trichloroethene	0.331	0.359	0.300	8.5	25.0
Methylcyclohexane	0.505	0.542		7.3	

All other compounds must meet a minimum RRF of 0.010.

7B

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 07/19/07 Time: 2232

Lab File ID: V5H9073 Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(VSTD050##): VSTD050Y5 Init. Calib. Times: 1004 1205

Heated Purge: (Y/N) Y

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.494	0.524		6.1	
Bromodichloromethane	0.545	0.595	0.200	9.2	25.0
cis-1,3-Dichloropropene	0.538	0.630	0.200	17.1	25.0
4-Methyl-2-Pentanone	0.566	0.596		5.3	
Toluene	1.379	1.545	0.400	12.0	25.0
trans-1,3-Dichloropropene	0.515	0.575	0.100	11.7	25.0
1,1,2-Trichloroethane	0.328	0.356	0.100	8.5	25.0
Tetrachloroethene	0.254	0.273	0.200	7.5	25.0
2-Hexanone	0.302	0.296		-2.0	
Dibromochloromethane	0.412	0.457	0.100	10.9	25.0
1,2-Dibromoethane	0.400	0.431		7.8	
Chlorobenzene	0.955	1.025	0.500	7.3	25.0
Ethylbenzene	0.420	0.473	0.100	12.6	25.0
Xylene (Total)	0.527	0.602	0.300	14.2	25.0
Styrene	0.573	0.664	0.300	15.9	25.0
Bromoform	0.265	0.283	0.100	6.8	25.0
Isopropylbenzene	1.242	1.405		13.1	
1,1,2,2-Tetrachloroethane	0.574	0.583	0.300	1.6	25.0
1,3-Dichlorobenzene	0.641	0.732	0.600	14.2	25.0
1,4-Dichlorobenzene	0.726	0.800	0.500	10.2	25.0
1,2-Dichlorobenzene	0.652	0.754	0.400	15.6	25.0
1,2-Dibromo-3-chloropropane	0.082	0.088		7.3	
1,2,4-Trichlorobenzene	0.299	0.347	0.200	16.1	25.0
Toluene-d8	1.062	1.056		-0.6	
Bromofluorobenzene	0.424	0.452	0.200	6.6	25.0
1,2-Dichloroethane-d4	2.286	2.220		-2.9	

All other compounds must meet a minimum RRF of 0.010.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 07/20/07 Time: 1730

Lab File ID: V5H9110 Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(VSTD050##): VSTD0505A Init. Calib. Times: 1004 1205

Heated Purge: (Y/N) Y

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.727	0.755		3.9	
Chloromethane	1.684	1.689		0.3	
Vinyl Chloride	1.548	1.594	0.100	3.0	25.0
Bromomethane	1.023	1.077	0.100	5.3	25.0
Chloroethane	0.863	0.894		3.6	
Trichlorofluoromethane	1.486	1.786		20.2	
1,1-Dichloroethene	1.103	1.179	0.100	6.9	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.422	1.414		-0.6	
Acetone	1.101	0.826		-25.0	
Carbon Disulfide	4.169	4.371		4.8	
Methyl Acetate	1.759	1.627		-7.5	
Methylene Chloride	1.701	1.718		1.0	
trans-1,2-Dichloroethene	1.476	1.559		5.6	
Methyl tert-Butyl Ether	4.841	5.670		17.1	
1,1-Dichloroethane	3.509	3.589	0.200	2.3	25.0
cis-1,2-Dichloroethene	1.522	1.703		11.9	
2-Butanone	1.384	1.069		-22.8	
Chloroform	3.106	3.274	0.200	5.4	25.0
1,1,1-Trichloroethane	0.529	0.545	0.100	3.0	25.0
Cyclohexane	0.614	0.641		4.4	
Carbon Tetrachloride	0.462	0.486	0.100	5.2	25.0
Benzene	1.485	1.550	0.500	4.4	25.0
1,2-Dichloroethane	2.815	2.890	0.100	2.7	25.0
Trichloroethene	0.331	0.362	0.300	9.4	25.0
Methylcyclohexane	0.505	0.547		8.3	

All other compounds must meet a minimum RRF of 0.010.

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 07/20/07 Time: 1730

Lab File ID: V5H9110 Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(VSTD050##): VSTD0505A Init. Calib. Times: 1004 1205

Heated Purge: (Y/N) Y

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
1,2-Dichloropropane	0.494	0.467		-5.5		
Bromodichloromethane	0.545	0.561	0.200	2.9	25.0	
cis-1,3-Dichloropropene	0.538	0.591	0.200	9.9	25.0	
4-Methyl-2-Pentanone	0.566	0.568		0.4		
Toluene	1.379	1.499	0.400	8.7	25.0	
trans-1,3-Dichloropropene	0.515	0.545	0.100	5.8	25.0	
1,1,2-Trichloroethane	0.328	0.323	0.100	-1.5	25.0	
Tetrachloroethene	0.254	0.286	0.200	12.6	25.0	
2-Hexanone	0.302	0.331		9.6		
Dibromochloromethane	0.412	0.435	0.100	5.6	25.0	
1,2-Dibromoethane	0.400	0.407		1.8		
Chlorobenzene	0.955	0.992	0.500	3.9	25.0	
Ethylbenzene	0.420	0.475	0.100	13.1	25.0	
Xylene (Total)	0.527	0.603	0.300	14.4	25.0	
Styrene	0.573	0.661	0.300	15.4	25.0	
Bromoform	0.265	0.282	0.100	6.4	25.0	
Isopropylbenzene	1.242	1.462		17.7		
1,1,2,2-Tetrachloroethane	0.574	0.544	0.300	-5.2	25.0	
1,3-Dichlorobenzene	0.641	0.752	0.600	17.3	25.0	
1,4-Dichlorobenzene	0.726	0.817	0.500	12.5	25.0	
1,2-Dichlorobenzene	0.652	0.744	0.400	14.1	25.0	
1,2-Dibromo-3-chloropropane	0.082	0.085		3.7		
1,2,4-Trichlorobenzene	0.299	0.395	0.200	32.1	25.0	<-
Toluene-d8	1.062	1.072		0.9		
Bromofluorobenzene	0.424	0.441	0.200	4.0	25.0	
1,2-Dichloroethane-d4	2.286	2.343		2.5		

All other compounds must meet a minimum RRF of 0.010.

0238

7A

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 07/22/07 Time: 1405

Lab File ID: V5H9123 Init. Calib. Date(s): 07/13/07 07/13/07

EPA Sample No.(VSTD050##): VSTD0505B Init. Calib. Times: 1203 1400

Heated Purge: (Y/N) N

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.924	0.767		-17.0	
Chloromethane	2.028	1.968		-3.0	
Vinyl Chloride	1.958	1.973	0.100	0.8	25.0
Bromomethane	1.224	1.283	0.100	4.8	25.0
Chloroethane	1.024	1.129		10.3	
Trichlorofluoromethane	2.195	2.220		1.1	
1,1-Dichloroethene	1.324	1.317	0.100	-0.5	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.589	1.464		-7.9	
Acetone	0.927	0.865		-6.7	
Carbon Disulfide	5.009	5.175		3.3	
Methyl Acetate	1.531	1.456		-4.9	
Methylene Chloride	1.734	1.809		4.3	
trans-1,2-Dichloroethene	1.725	1.723		-0.1	
Methyl tert-Butyl Ether	5.048	4.547		-9.9	
1,1-Dichloroethane	4.036	3.979	0.200	-1.4	25.0
cis-1,2-Dichloroethene	1.736	1.691		-2.6	
2-Butanone	1.277	1.028		-19.5	
Chloroform	3.467	3.469	0.200	0.1	25.0
1,1,1-Trichloroethane	0.556	0.585	0.100	5.2	25.0
Cyclohexane	0.665	0.615		-7.5	
Carbon Tetrachloride	0.488	0.514	0.100	5.3	25.0
Benzene	1.481	1.590	0.500	7.4	25.0
1,2-Dichloroethane	2.946	2.898	0.100	-1.6	25.0
Trichloroethene	0.340	0.360	0.300	5.9	25.0
Methylcyclohexane	0.504	0.447		-11.3	

All other compounds must meet a minimum RRF of 0.010.

7B

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 07/22/07 Time: 1405

Lab File ID: V5H9123 Init. Calib. Date(s): 07/13/07 07/13/07

EPA Sample No.(VSTD050##): VSTD0505B Init. Calib. Times: 1203 1400

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	0.464	0.490		5.6	
Bromodichloromethane	0.501	0.532	0.200	6.2	25.0
cis-1,3-Dichloropropene	0.521	0.530	0.200	1.7	25.0
4-Methyl-2-Pentanone	0.498	0.405		-18.7	
Toluene	1.499	1.646	0.400	9.8	25.0
trans-1,3-Dichloropropene	0.484	0.488	0.100	0.8	25.0
1,1,2-Trichloroethane	0.295	0.298	0.100	1.0	25.0
Tetrachloroethene	0.284	0.299	0.200	5.3	25.0
2-Hexanone	0.281	0.216		-23.1	
Dibromochloromethane	0.366	0.378	0.100	3.3	25.0
1,2-Dibromoethane	0.380	0.373		-1.8	
Chlorobenzene	0.977	1.033	0.500	5.7	25.0
Ethylbenzene	0.479	0.510	0.100	6.5	25.0
Xylene (Total)	0.571	0.615	0.300	7.7	25.0
Styrene	0.632	0.672	0.300	6.3	25.0
Bromoform	0.213	0.221	0.100	3.8	25.0
Isopropylbenzene	1.444	1.551		7.4	
1,1,2,2-Tetrachloroethane	0.482	0.485	0.300	0.6	25.0
1,3-Dichlorobenzene	0.668	0.716	0.600	7.2	25.0
1,4-Dichlorobenzene	0.726	0.802	0.500	10.5	25.0
1,2-Dichlorobenzene	0.641	0.688	0.400	7.3	25.0
1,2-Dibromo-3-chloropropane	0.063	0.059		-6.3	
1,2,4-Trichlorobenzene	0.264	0.247	0.200	-6.4	25.0
Toluene-d8	1.227	1.280		4.3	
Bromofluorobenzene	0.464	0.480	0.200	3.4	25.0
1,2-Dichloroethane-d4	2.385	2.168		-9.1	

All other compounds must meet a minimum RRF of 0.010.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 07/23/07 Time: 1106

Lab File ID: V5H9130B Init. Calib. Date(s): 07/13/07 07/13/07

EPA Sample No.(VSTD050##): VSTD0505C Init. Calib. Times: 1203 1400

Heated Purge: (Y/N) N

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.924	0.599		-35.2	
Chloromethane	2.028	1.921		-5.3	
Vinyl Chloride	1.958	1.910	0.100	-2.5	25.0
Bromomethane	1.224	1.364	0.100	11.4	25.0
Chloroethane	1.024	1.165		13.8	
Trichlorofluoromethane	2.195	1.997		-9.0	
1,1-Dichloroethene	1.324	1.310	0.100	-1.1	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.589	1.250		-21.3	
Acetone	0.927	0.791		-14.7	
Carbon Disulfide	5.009	5.063		1.1	
Methyl Acetate	1.531	1.431		-6.5	
Methylene Chloride	1.734	1.808		4.3	
trans-1,2-Dichloroethene	1.725	1.752		1.6	
Methyl tert-Butyl Ether	5.048	4.662		-7.6	
1,1-Dichloroethane	4.036	3.970	0.200	-1.6	25.0
cis-1,2-Dichloroethene	1.736	1.737		0.1	
2-Butanone	1.277	1.033		-19.1	
Chloroform	3.467	3.445	0.200	-0.6	25.0
1,1,1-Trichloroethane	0.556	0.596	0.100	7.2	25.0
Cyclohexane	0.665	0.551		-17.1	
Carbon Tetrachloride	0.488	0.516	0.100	5.7	25.0
Benzene	1.481	1.612	0.500	8.8	25.0
1,2-Dichloroethane	2.946	2.860	0.100	-2.9	25.0
Trichloroethene	0.340	0.363	0.300	6.8	25.0
Methylcyclohexane	0.504	0.396		-21.4	

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.: MF0981

Instrument ID: V5 Calibration Date: 07/23/07 Time: 1106

Lab File ID: V5H9130B Init. Calib. Date(s): 07/13/07 07/13/07

EPA Sample No.(VSTD050##): VSTD0505C Init. Calib. Times: 1203 1400

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	0.464	0.496		6.9	
Bromodichloromethane	0.501	0.539	0.200	7.6	25.0
cis-1,3-Dichloropropene	0.521	0.579	0.200	11.1	25.0
4-Methyl-2-Pentanone	0.498	0.419		-15.9	
Toluene	1.499	1.618	0.400	7.9	25.0
trans-1,3-Dichloropropene	0.484	0.522	0.100	7.9	25.0
1,1,2-Trichloroethane	0.295	0.313	0.100	6.1	25.0
Tetrachloroethene	0.284	0.292	0.200	2.8	25.0
2-Hexanone	0.281	0.225		-19.9	
Dibromochloromethane	0.366	0.398	0.100	8.7	25.0
1,2-Dibromoethane	0.380	0.370		-2.6	
Chlorobenzene	0.977	1.048	0.500	7.3	25.0
Ethylbenzene	0.479	0.503	0.100	5.0	25.0
Xylene (Total)	0.571	0.615	0.300	7.7	25.0
Styrene	0.632	0.662	0.300	4.7	25.0
Bromoform	0.213	0.237	0.100	11.3	25.0
Isopropylbenzene	1.444	1.530		6.0	
1,1,2,2-Tetrachloroethane	0.482	0.478	0.300	-0.8	25.0
1,3-Dichlorobenzene	0.668	0.735	0.600	10.0	25.0
1,4-Dichlorobenzene	0.726	0.795	0.500	9.5	25.0
1,2-Dichlorobenzene	0.641	0.699	0.400	9.0	25.0
1,2-Dibromo-3-chloropropane	0.063	0.062		-1.6	
1,2,4-Trichlorobenzene	0.264	0.284	0.200	7.6	25.0
Toluene-d8	1.227	1.236		0.7	
Bromofluorobenzene	0.464	0.448	0.200	-3.4	25.0
1,2-Dichloroethane-d4	2.385	2.176		-8.8	

All other compounds must meet a minimum RRF of 0.010.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 07/24/07 Time: 1133

Lab File ID: V5H9161 Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(VSTD050##): VSTD0505D Init. Calib. Times: 1004 1205

Heated Purge: (Y/N) Y

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	0.727	0.854		17.5		
Chloromethane	1.684	1.865		10.7		
Vinyl Chloride	1.548	1.760	0.100	13.7	25.0	
Bromomethane	1.023	1.364	0.100	33.3	25.0	<-
Chloroethane	0.863	1.112		28.9		
Trichlorofluoromethane	1.486	2.254		51.7		
1,1-Dichloroethene	1.103	1.306	0.100	18.4	25.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.422	1.743		22.6		
Acetone	1.101	1.224		11.2		
Carbon Disulfide	4.169	4.881		17.1		
Methyl Acetate	1.759	1.785		1.5		
Methylene Chloride	1.701	1.911		12.3		
trans-1,2-Dichloroethene	1.476	1.757		19.0		
Methyl tert-Butyl Ether	4.841	5.323		10.0		
1,1-Dichloroethane	3.509	3.983	0.200	13.5	25.0	
cis-1,2-Dichloroethene	1.522	1.784		17.2		
2-Butanone	1.384	1.420		2.6		
Chloroform	3.106	3.612	0.200	16.3	25.0	
1,1,1-Trichloroethane	0.529	0.643	0.100	21.6	25.0	
Cyclohexane	0.614	0.740		20.5		
Carbon Tetrachloride	0.462	0.575	0.100	24.5	25.0	
Benzene	1.485	1.792	0.500	20.7	25.0	
1,2-Dichloroethane	2.815	3.112	0.100	10.6	25.0	
Trichloroethene	0.331	0.385	0.300	16.3	25.0	
Methylcyclohexane	0.505	0.641		26.9		

All other compounds must meet a minimum RRF of 0.010.

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 07/24/07 Time: 1133

Lab File ID: V5H9161 Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(VSTD050##): VSTD0505D Init. Calib. Times: 1004 1205

Heated Purge: (Y/N) Y

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.494	0.576		16.6	
Bromodichloromethane	0.545	0.630	0.200	15.6	25.0
cis-1,3-Dichloropropene	0.538	0.620	0.200	15.2	25.0
4-Methyl-2-Pentanone	0.566	0.558		-1.4	
Toluene	1.379	1.656	0.400	20.1	25.0
trans-1,3-Dichloropropene	0.515	0.596	0.100	15.7	25.0
1,1,2-Trichloroethane	0.328	0.377	0.100	14.9	25.0
Tetrachloroethene	0.254	0.301	0.200	18.5	25.0
2-Hexanone	0.302	0.315		4.3	
Dibromochloromethane	0.412	0.476	0.100	15.5	25.0
1,2-Dibromoethane	0.400	0.432		8.0	
Chlorobenzene	0.955	1.076	0.500	12.7	25.0
Ethylbenzene	0.420	0.503	0.100	19.8	25.0
Xylene (Total)	0.527	0.633	0.300	20.1	25.0
Styrene	0.573	0.676	0.300	18.0	25.0
Bromoform	0.265	0.298	0.100	12.5	25.0
Isopropylbenzene	1.242	1.528		23.0	
1,1,2,2-Tetrachloroethane	0.574	0.611	0.300	6.4	25.0
1,3-Dichlorobenzene	0.641	0.754	0.600	17.6	25.0
1,4-Dichlorobenzene	0.726	0.852	0.500	17.4	25.0
1,2-Dichlorobenzene	0.652	0.736	0.400	12.9	25.0
1,2-Dibromo-3-chloropropane	0.082	0.089		8.5	
1,2,4-Trichlorobenzene	0.299	0.327	0.200	9.4	25.0
Toluene-d8	1.062	1.211		14.0	
Bromofluorobenzene	0.424	0.476	0.200	12.3	25.0
1,2-Dichloroethane-d4	2.286	2.492		9.0	

All other compounds must meet a minimum RRF of 0.010.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 08/02/07 Time: 2332

Lab File ID: V5H9463 Init. Calib. Date(s): 08/02/07 08/03/07

EPA Sample No.(VSTD050##): VSTD0505Z Init. Calib. Times: 2332 0132

Heated Purge: (Y/N) Y

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.431	0.414		-3.9	
Chloromethane	0.621	0.653		5.2	
Vinyl Chloride	0.615	0.618	0.100	0.5	25.0
Bromomethane	0.410	0.444	0.100	8.3	25.0
Chloroethane	0.327	0.333		1.8	
Trichlorofluoromethane	1.111	1.151		3.6	
1,1-Dichloroethene	0.483	0.510	0.100	5.6	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.642	0.669		4.2	
Acetone	0.463	0.469		1.3	
Carbon Disulfide	1.623	1.697		4.6	
Methyl Acetate	0.566	0.572		1.1	
Methylene Chloride	0.800	0.829		3.6	
trans-1,2-Dichloroethene	1.509	1.564		3.6	
Methyl tert-Butyl Ether	4.043	4.152		2.7	
1,1-Dichloroethane	2.677	2.857	0.200	6.7	25.0
cis-1,2-Dichloroethene	1.780	1.846		3.7	
2-Butanone	0.767	0.794		3.5	
Chloroform	2.660	2.753	0.200	3.5	25.0
1,1,1-Trichloroethane	0.417	0.445	0.100	6.7	25.0
Cyclohexane	0.468	0.512		9.4	
Carbon Tetrachloride	0.355	0.385	0.100	8.5	25.0
Benzene	1.266	1.382	0.500	9.2	25.0
1,2-Dichloroethane	1.645	1.722	0.100	4.7	25.0
Trichloroethene	0.322	0.352	0.300	9.3	25.0
Methylcyclohexane	0.456	0.508		11.4	

All other compounds must meet a minimum RRF of 0.010.

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 08/02/07 Time: 2332

Lab File ID: V5H9463 Init. Calib. Date(s): 08/02/07 08/03/07

EPA Sample No.(VSTD050##): VSTD0505Z Init. Calib. Times: 2332 0132

Heated Purge: (Y/N) Y

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.374	0.407		8.8	
Bromodichloromethane	0.441	0.474	0.200	7.5	25.0
cis-1,3-Dichloropropene	0.483	0.529	0.200	9.5	25.0
4-Methyl-2-Pentanone	0.380	0.390		2.6	
Toluene	1.413	1.518	0.400	7.4	25.0
trans-1,3-Dichloropropene	0.410	0.445	0.100	8.5	25.0
1,1,2-Trichloroethane	0.329	0.356	0.100	8.2	25.0
Tetrachloroethene	0.260	0.269	0.200	3.5	25.0
2-Hexanone	0.205	0.197		-3.9	
Dibromochloromethane	0.381	0.415	0.100	8.9	25.0
1,2-Dibromoethane	0.433	0.449		3.7	
Chlorobenzene	0.951	1.016	0.500	6.8	25.0
Ethylbenzene	0.435	0.466	0.100	7.1	25.0
Xylene (Total)	0.533	0.601	0.300	12.8	25.0
Styrene	0.587	0.648	0.300	10.4	25.0
Bromoform	0.267	0.291	0.100	9.0	25.0
Isopropylbenzene	1.304	1.411		8.2	
1,1,2,2-Tetrachloroethane	0.568	0.602	0.300	6.0	25.0
1,3-Dichlorobenzene	0.645	0.698	0.600	8.2	25.0
1,4-Dichlorobenzene	0.725	0.801	0.500	10.5	25.0
1,2-Dichlorobenzene	0.670	0.729	0.400	8.8	25.0
1,2-Dibromo-3-chloropropane	0.073	0.071		-2.7	
1,2,4-Trichlorobenzene	0.354	0.375	0.200	5.9	25.0
Toluene-d8	1.077	1.171		8.7	
Bromofluorobenzene	0.424	0.465	0.200	9.7	25.0
1,2-Dichloroethane-d4	1.318	1.350		2.4	

All other compounds must meet a minimum RRF of 0.010.

7A
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 08/09/07 Time: 1220

Lab File ID: V5H9571 Init. Calib. Date(s): 08/01/07 08/01/07

EPA Sample No.(VSTD050##): VSTD050F5 Init. Calib. Times: 1415 1610

Heated Purge: (Y/N) N

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D	
Dichlorodifluoromethane	0.473	0.474		0.2		
Chloromethane	0.804	0.553		-31.2		
Vinyl Chloride	0.810	0.732	0.100	-9.6	25.0	
Bromomethane	0.491	0.546	0.100	11.2	25.0	
Chloroethane	0.395	0.401		1.5		
Trichlorofluoromethane	1.009	1.677		66.2		
1,1-Dichloroethene	0.544	0.639	0.100	17.5	25.0	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.635	0.863		35.9		
Acetone	0.421	0.336		-20.2		
Carbon Disulfide	1.919	2.063		7.5		
Methyl Acetate	0.530	0.423		-20.2		
Methylene Chloride	0.852	0.882		3.5		
trans-1,2-Dichloroethene	1.758	1.609		-8.5		
Methyl tert-Butyl Ether	4.105	4.044		-1.5		
1,1-Dichloroethane	3.145	2.868	0.200	-8.8	25.0	
cis-1,2-Dichloroethene	1.885	1.731		-8.2		
2-Butanone	0.788	0.481		-39.0		
Chloroform	2.955	3.034	0.200	2.7	25.0	
1,1,1-Trichloroethane	0.438	0.537	0.100	22.6	25.0	
Cyclohexane	0.492	0.425		-13.6		
Carbon Tetrachloride	0.374	0.492	0.100	31.6	25.0	<-
Benzene	1.256	1.149	0.500	-8.5	25.0	
1,2-Dichloroethane	1.765	2.106	0.100	19.3	25.0	
Trichloroethene	0.323	0.394	0.300	22.0	25.0	
Methylcyclohexane	0.418	0.422		1.0		

All other compounds must meet a minimum RRF of 0.010.

7B
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: V5 Calibration Date: 08/09/07 Time: 1220

Lab File ID: V5H9571 Init. Calib. Date(s): 08/01/07 08/01/07

EPA Sample No.(VSTD050##): VSTD050F5 Init. Calib. Times: 1415 1610

Heated Purge: (Y/N) N

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

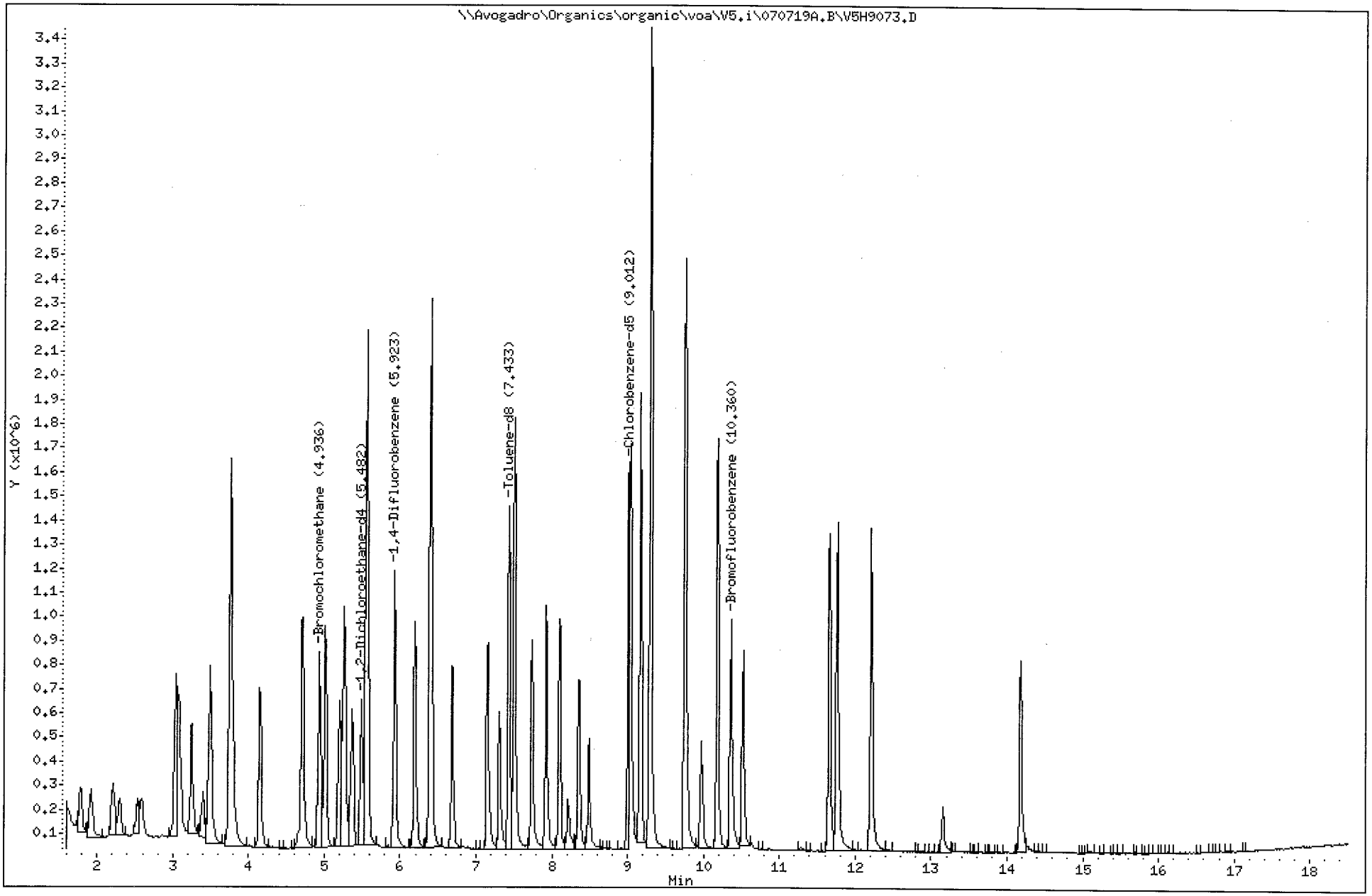
COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.362	0.295		-18.5	
Bromodichloromethane	0.407	0.456	0.200	12.0	25.0
cis-1,3-Dichloropropene	0.470	0.442	0.200	-6.0	25.0
4-Methyl-2-Pentanone	0.323	0.226		-30.0	
Toluene	1.541	1.458	0.400	-5.4	25.0
trans-1,3-Dichloropropene	0.392	0.407	0.100	3.8	25.0
1,1,2-Trichloroethane	0.286	0.273	0.100	-4.5	25.0
Tetrachloroethene	0.289	0.354	0.200	22.5	25.0
2-Hexanone	0.208	0.117		-43.8	
Dibromochloromethane	0.326	0.378	0.100	16.0	25.0
1,2-Dibromoethane	0.406	0.377		-7.1	
Chlorobenzene	0.972	0.984	0.500	1.2	25.0
Ethylbenzene	0.491	0.487	0.100	-0.8	25.0
Xylene (Total)	0.576	0.583	0.300	1.2	25.0
Styrene	0.614	0.638	0.300	3.9	25.0
Bromoform	0.208	0.252	0.100	21.2	25.0
Isopropylbenzene	1.479	1.584		7.1	
1,1,2,2-Tetrachloroethane	0.481	0.401	0.300	-16.6	25.0
1,3-Dichlorobenzene	0.661	0.789	0.600	19.4	25.0
1,4-Dichlorobenzene	0.740	0.866	0.500	17.0	25.0
1,2-Dichlorobenzene	0.649	0.774	0.400	19.3	25.0
1,2-Dibromo-3-chloropropane	0.050	0.057		14.0	
1,2,4-Trichlorobenzene	0.316	0.378	0.200	19.6	25.0
Toluene-d8	1.262	1.182		-6.3	
Bromofluorobenzene	0.459	0.488	0.200	6.3	25.0
1,2-Dichloroethane-d4	1.454	1.774		22.0	

All other compounds must meet a minimum RRF of 0.010.

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9073.D
Date : 19-JUL-2007 22:32
Client ID: VSTD050Y5
Sample Info: 5ML,VSTD050Y5,VSTD050Y5

Instrument: V5.i

Operator: HZA SRC: HZA
Column phase: DB-624
Column diameter: 0.25



Data File: V5H9073.D
Report Date: 08-Aug-2007 14:33

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9073.D
Lab Smp Id: VSTD050Y5 Client Smp ID: VSTD050Y5
Inj Date : 19-JUL-2007 22:32
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD050Y5,VSTD050Y5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\v5clp4h.m
Meth Date : 25-Jul-2007 16:04 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 22:32 Cal File: V5H9073.D
Als bottle: 100 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.626	1.626	(0.330)	183782	50.0000	52
2	Chloromethane	50	1.789	1.789	(0.362)	401402	50.0000	49
3	Vinyl Chloride	62	1.916	1.916	(0.388)	364923	50.0000	49
4	Bromomethane	94	2.207	2.207	(0.447)	270867	50.0000	55
5	Chloroethane	64	2.300	2.300	(0.466)	230368	50.0000	55
6	Trichlorofluoromethane	101	2.590	2.590	(0.525)	435169	50.0000	61
7	1,1-Dichloroethene	96	3.031	3.031	(0.614)	274097	50.0000	51
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.078	3.078	(0.624)	327110	50.0000	48
10	Carbon Disulfide	76	3.252	3.252	(0.659)	1015257	50.0000	50
9	Acetone	43	3.078	3.078	(0.624)	202127	50.0000	38
11	Methyl Acetate	43	3.403	3.403	(0.689)	404864	50.0000	48
12	Methylene Chloride	84	3.496	3.496	(0.708)	428284	50.0000	52
13	trans-1,2-Dichloroethene	96	3.763	3.763	(0.762)	376441	50.0000	53
14	Methyl tert-Butyl Ether	73	3.774	3.774	(0.765)	1350635	50.0000	58
15	1,1-Dichloroethane	63	4.146	4.146	(0.840)	886302	50.0000	52
17	cis-1,2-Dichloroethene	96	4.704	4.704	(0.953)	420402	50.0000	57
16	2-Butanone	43	4.727	4.727	(0.958)	307889	50.0000	46
* 18	Bromochloromethane	128	4.936	4.936	(1.000)	242019	50.0000	
19	Chloroform	83	5.005	5.005	(1.014)	794867	50.0000	53
20	1,1,1-Trichloroethane	97	5.203	5.203	(0.878)	538902	50.0000	52
21	Cyclohexane	56	5.261	5.261	(0.888)	623437	50.0000	52

Data File: V5H9073.D
Report Date: 08-Aug-2007 14:33

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.365	5.365	(0.906)	476366	50.0000	53
$	23 1,2-Dichloroethane-d4	65	5.482	5.482	(1.111)	537321	50.0000	49
	25 Benzene	78	5.551	5.551	(0.937)	1597907	50.0000	55
	24 1,2-Dichloroethane	62	5.563	5.563	(1.127)	712363	50.0000	52
*	26 1,4-Difluorobenzene	114	5.923	5.923	(1.000)	979559	50.0000	
	27 Trichloroethene	130	6.190	6.190	(1.045)	351236	50.0000	54
	28 Methylcyclohexane	83	6.399	6.399	(1.080)	530727	50.0000	54
	29 1,2-Dichloropropane	63	6.411	6.411	(1.082)	513174	50.0000	53
	30 Bromodichloromethane	83	6.689	6.689	(1.129)	583144	50.0000	55
	31 cis-1,3-Dichloropropene	75	7.154	7.154	(1.208)	617543	50.0000	59
	32 4-Methyl-2-Pentanone	43	7.305	7.305	(0.812)	554054	50.0000	53
$	33 Toluene-d8	98	7.433	7.433	(0.826)	980768	50.0000	50
	34 Toluene	91	7.502	7.502	(0.834)	1434981	50.0000	56
	35 trans-1,3-Dichloropropene	75	7.735	7.735	(1.306)	563537	50.0000	56
	36 1,1,2-Trichloroethane	97	7.920	7.920	(1.337)	349191	50.0000	54
	37 Tetrachloroethene	164	8.106	8.106	(0.901)	253361	50.0000	54
	38 2-Hexanone	43	8.211	8.211	(0.912)	274851	50.0000	49
	39 Dibromochloromethane	129	8.362	8.362	(1.412)	447853	50.0000	55
	40 1,2-Dibromoethane	107	8.489	8.489	(0.943)	400389	50.0000	54
*	42 Chlorobenzene-d5	117	9.000	9.000	(1.000)	929079	50.0000	
	43 Chlorobenzene	112	9.035	9.035	(1.004)	952749	50.0000	54
	44 Ethylbenzene	106	9.163	9.163	(1.018)	439377	50.0000	56
	45 m,p-Xylene	106	9.291	9.291	(1.032)	1122858	100.000	110
	46 o-Xylene	106	9.755	9.755	(1.084)	559463	50.0000	57
	47 Styrene	104	9.767	9.767	(1.085)	616880	50.0000	58
	48 Bromoform	173	9.976	9.976	(1.684)	277008	50.0000	53
	49 Isopropylbenzene	105	10.185	10.185	(1.132)	1305039	50.0000	57
$	50 Bromofluorobenzene	95	10.359	10.359	(1.151)	419536	50.0000	53
	51 1,1,2,2-Tetrachloroethane	83	10.522	10.522	(1.169)	541426	50.0000	51
	52 1,3-Dichlorobenzene	146	11.660	11.660	(1.295)	679963	50.0000	57
	53 1,4-Dichlorobenzene	146	11.764	11.764	(1.307)	743261	50.0000	55
	54 1,2-Dichlorobenzene	146	12.206	12.206	(1.356)	700420	50.0000	58
	55 1,2-Dibromo-3-chloropropane	75	13.158	13.158	(1.462)	81936	50.0000	54
	56 1,2,4-Trichlorobenzene	180	14.180	14.180	(1.575)	322383	50.0000	58

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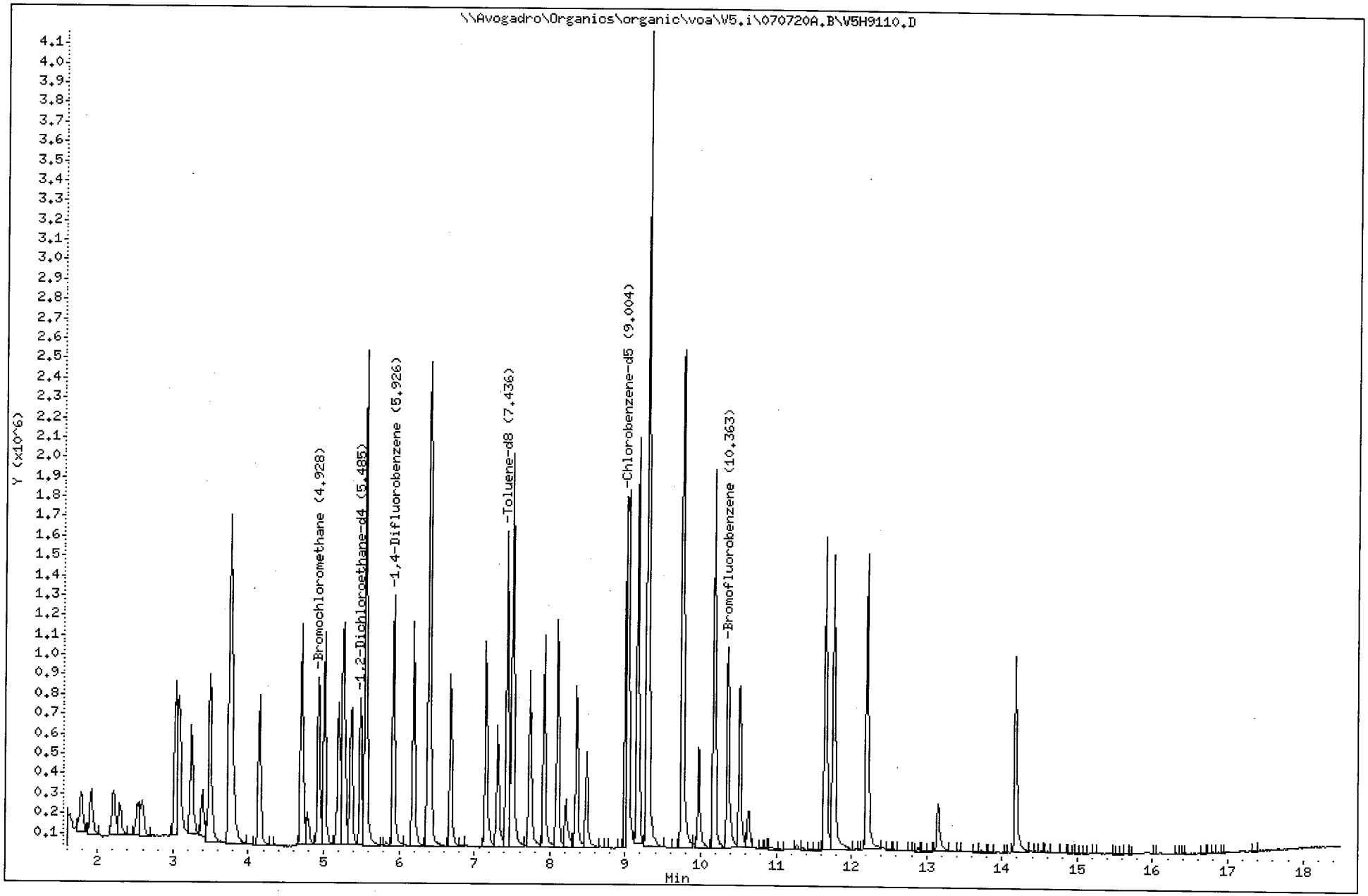
GCL

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9110.D
Date : 20-JUL-2007 17:30
Client ID: VSTD0505A
Sample Info: 5ML,VSTD0505A,VSTD0505A

Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



2139

Data File: V5H9110.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9110.D
Lab Smp Id: VSTD0505A Client Smp ID: VSTD0505A
Inj Date : 20-JUL-2007 17:30
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD0505A,VSTD0505A
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

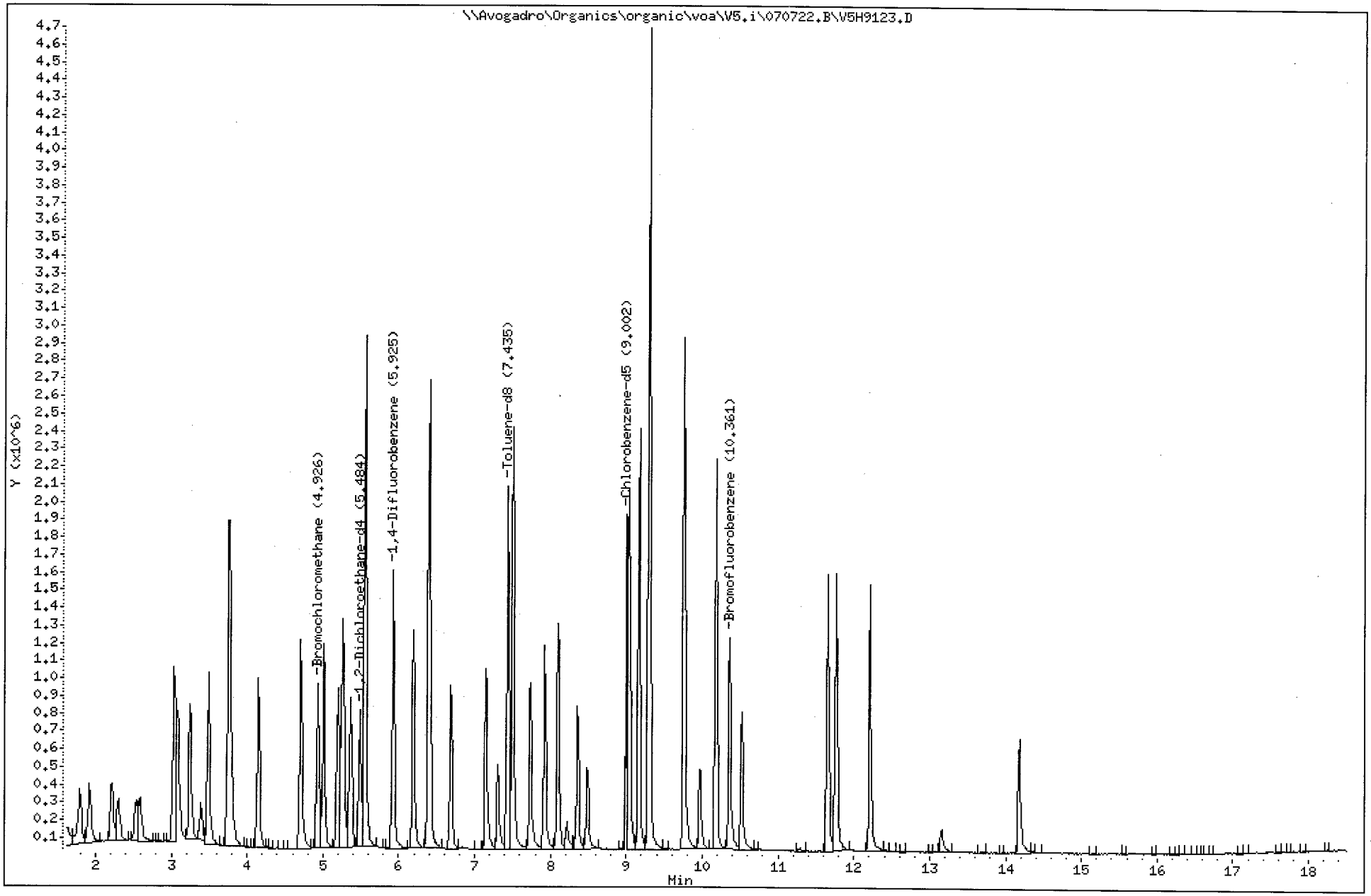
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.629	1.629	(0.331)	196932	50.0000	52
2	Chloromethane	50	1.780	1.780	(0.361)	440597	50.0000	50
3	Vinyl Chloride	62	1.919	1.919	(0.390)	415651	50.0000	51
4	Bromomethane	94	2.210	2.210	(0.449)	280864	50.0000	53
5	Chloroethane	64	2.291	2.291	(0.465)	233064	50.0000	52
6	Trichlorofluoromethane	101	2.593	2.593	(0.526)	465756	50.0000	60
7	1,1-Dichloroethene	96	3.034	3.034	(0.616)	307584	50.0000	53
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.081	3.081	(0.625)	368823	50.0000	50
10	Carbon Disulfide	76	3.243	3.243	(0.658)	1139988	50.0000	52
9	Acetone	43	3.069	3.069	(0.623)	215347	50.0000	37
11	Methyl Acetate	43	3.394	3.394	(0.689)	424346	50.0000	46
12	Methylene Chloride	84	3.487	3.487	(0.708)	447985	50.0000	50
13	trans-1,2-Dichloroethene	96	3.754	3.754	(0.762)	406604	50.0000	53
14	Methyl tert-Butyl Ether	73	3.766	3.766	(0.764)	1478747	50.0000	59
15	1,1-Dichloroethane	63	4.149	4.149	(0.842)	936110	50.0000	51
17	cis-1,2-Dichloroethene	96	4.707	4.707	(0.955)	444226	50.0000	56
16	2-Butanone	43	4.718	4.718	(0.958)	278762	50.0000	39
* 18	Bromochloromethane	128	4.927	4.927	(1.000)	260810	50.0000	
19	Chloroform	83	5.008	5.008	(1.016)	853934	50.0000	53
20	1,1,1-Trichloroethane	97	5.194	5.194	(0.877)	618581	50.0000	52
21	Cyclohexane	56	5.264	5.264	(0.888)	727381	50.0000	52

Data File: V5H9110.D
Report Date: 08-Aug-2007 14:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.368	5.368	(0.906)	551279	50.0000	53
$	23 1,2-Dichloroethane-d4	65	5.485	5.485	(1.113)	610958	50.0000	51
	25 Benzene	78	5.554	5.554	(0.937)	1759525	50.0000	52
	24 1,2-Dichloroethane	62	5.554	5.554	(1.127)	753725	50.0000	51
*	26 1,4-Difluorobenzene	114	5.926	5.926	(1.000)	1134919	50.0000	
	27 Trichloroethene	130	6.193	6.193	(1.045)	411215	50.0000	55
	28 Methylcyclohexane	83	6.390	6.390	(1.078)	621037	50.0000	54
	29 1,2-Dichloropropane	63	6.402	6.402	(1.080)	529992	50.0000	47
	30 Bromodichloromethane	83	6.681	6.681	(1.127)	636809	50.0000	51
	31 cis-1,3-Dichloropropene	75	7.145	7.145	(1.206)	670394	50.0000	55
	32 4-Methyl-2-Pentanone	43	7.308	7.308	(0.812)	602173	50.0000	50
$	33 Toluene-d8	98	7.436	7.436	(0.826)	1136476	50.0000	50
	34 Toluene	91	7.505	7.505	(0.834)	1589520	50.0000	54
	35 trans-1,3-Dichloropropene	75	7.738	7.738	(1.306)	618831	50.0000	53
	36 1,1,2-Trichloroethane	97	7.923	7.923	(1.337)	366754	50.0000	49
	37 Tetrachloroethene	164	8.098	8.098	(0.899)	303100	50.0000	56
	38 2-Hexanone	43	8.214	8.214	(0.912)	351044	50.0000	55
	39 Dibromochloromethane	129	8.353	8.353	(1.410)	493400	50.0000	53
	40 1,2-Dibromoethane	107	8.481	8.481	(0.942)	431443	50.0000	51
*	42 Chlorobenzene-d5	117	9.003	9.003	(1.000)	1060537	50.0000	
	43 Chlorobenzene	112	9.038	9.038	(1.004)	1051916	50.0000	52
	44 Ethylbenzene	106	9.166	9.166	(1.018)	503234	50.0000	56
	45 m,p-Xylene	106	9.294	9.294	(1.032)	1305779	100.000	110
	46 o-Xylene	106	9.747	9.747	(1.083)	639263	50.0000	57
	47 Styrene	104	9.770	9.770	(1.085)	701173	50.0000	58
	48 Bromoform	173	9.979	9.979	(1.684)	319715	50.0000	53
	49 Isopropylbenzene	105	10.176	10.176	(1.130)	1550133	50.0000	59
$	50 Bromofluorobenzene	95	10.362	10.362	(1.151)	468042	50.0000	52
	51 1,1,2,2-Tetrachloroethane	83	10.525	10.525	(1.169)	576575	50.0000	47
	52 1,3-Dichlorobenzene	146	11.651	11.651	(1.294)	797824	50.0000	59
	53 1,4-Dichlorobenzene	146	11.767	11.767	(1.307)	866269	50.0000	56
	54 1,2-Dichlorobenzene	146	12.209	12.209	(1.356)	788925	50.0000	57
	55 1,2-Dibromo-3-chloropropane	75	13.149	13.149	(1.460)	89704	50.0000	52
	56 1,2,4-Trichlorobenzene	180	14.183	14.183	(1.575)	418941	50.0000	66

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Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9123.D
Date : 22-JUL-2007 14:05
Client ID: VSTD0505B
Instrument: V5.i
Sample Info: 5ML,VSTD0505B,VSTD0505B
Purge Volume: 5.0
Operator: HZA SRC: HZA
Column phase: DB-624
Column diameter: 0.25



SGS

Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9123.D
Report Date: 08-Aug-2007 14:11

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9123.D
Lab Smp Id: VSTD0505B Client Smp ID: VSTD0505B
Inj Date : 22-JUL-2007 14:05
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD0505B,VSTD0505B
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070722.B\v5clp4.m
Meth Date : 31-Jul-2007 22:29 V5.i Quant Type: ISTD
Cal Date : 22-JUL-2007 14:05 Cal File: V5H9127A.D
Als bottle: 100 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.639	1.639	(0.332)	211173	50.0000	41
2	Chloromethane	50	1.790	1.790	(0.363)	541827	50.0000	49
3	Vinyl Chloride	62	1.918	1.918	(0.389)	543276	50.0000	50
4	Bromomethane	94	2.220	2.220	(0.450)	353411	50.0000	52
5	Chloroethane	64	2.301	2.301	(0.466)	310984	50.0000	55
6	Trichlorofluoromethane	101	2.591	2.591	(0.525)	611390	50.0000	51
7	1,1-Dichloroethene	96	3.033	3.033	(0.614)	362656	50.0000	50
9	Acetone	43	3.068	3.068	(0.621)	238069	50.0000	47
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.079	3.079	(0.624)	403035	50.0000	46
10	Carbon Disulfide	76	3.242	3.242	(0.657)	1425177	50.0000	52
11	Methyl Acetate	43	3.393	3.393	(0.687)	400847	50.0000	48
12	Methylene Chloride	84	3.486	3.486	(0.706)	498267	50.0000	52
13	trans-1,2-Dichloroethene	96	3.753	3.753	(0.760)	474534	50.0000	50
14	Methyl tert-Butyl Ether	73	3.764	3.764	(0.762)	1252167	50.0000	45
15	1,1-Dichloroethane	63	4.148	4.148	(0.840)	1095601	50.0000	49
16	cis-1,2-Dichloroethene	96	4.705	4.705	(0.953)	465680	50.0000	49
17	2-Butanone	43	4.717	4.717	(0.955)	283155	50.0000	40
* 18	Bromochloromethane	128	4.937	4.937	(1.000)	275376	50.0000	
20	Chloroform	83	5.007	5.007	(1.014)	955185	50.0000	50
21	1,1,1-Trichloroethane	97	5.193	5.193	(0.877)	737438	50.0000	53
22	Cyclohexane	56	5.262	5.262	(0.888)	775021	50.0000	46
23	Carbon Tetrachloride	117	5.367	5.367	(0.906)	648273	50.0000	53

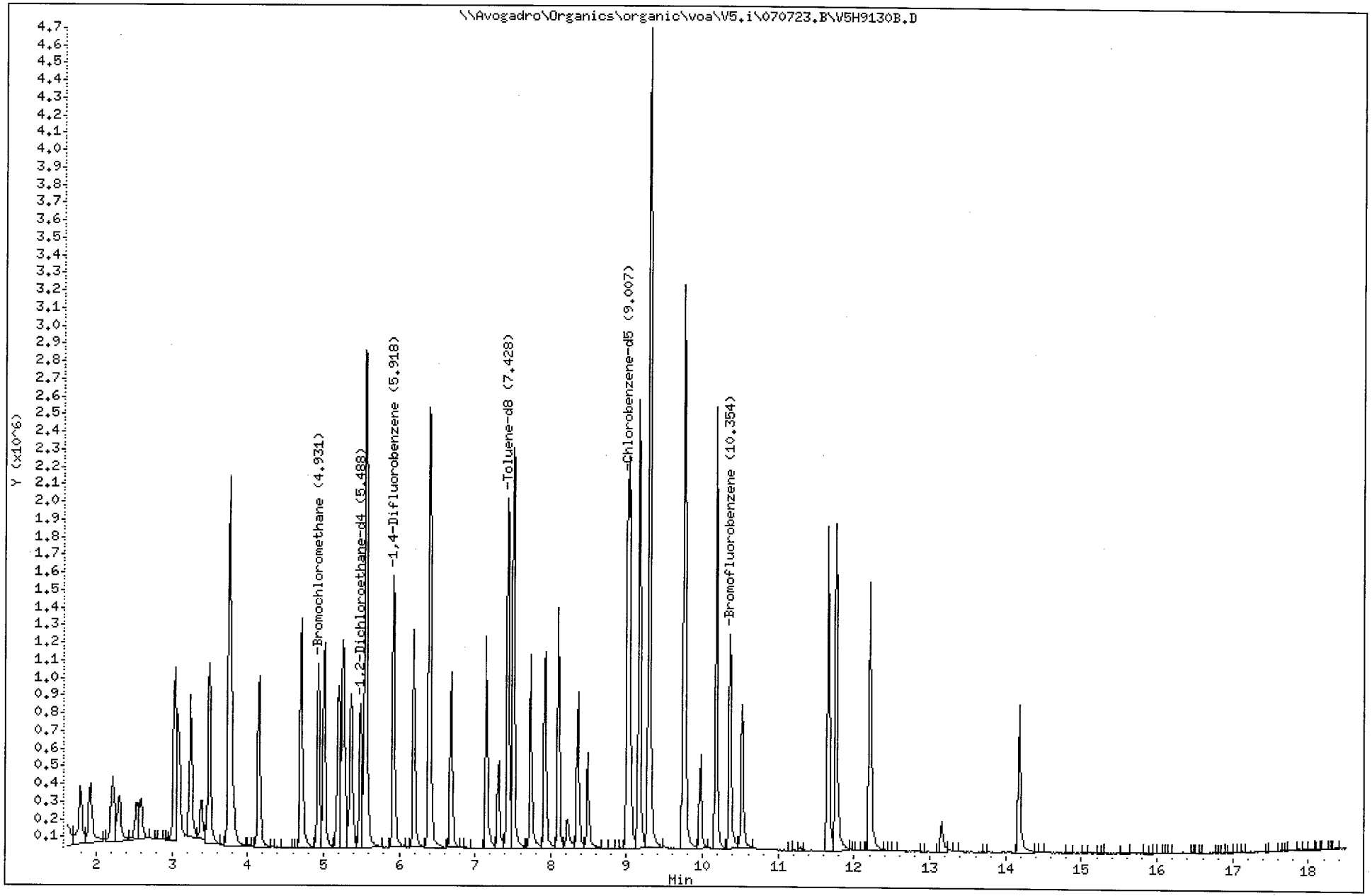
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Report Date: 08-Aug-2007 14:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24 1,2-Dichloroethane-d4	65	5.483	5.483	(1.111)	597051	50.0000	45
	25 Benzene	78	5.553	5.553	(0.937)	2004260	50.0000	54
	26 1,2-Dichloroethane	62	5.553	5.553	(1.125)	798115	50.0000	49
*	27 1,4-Difluorobenzene	114	5.924	5.924	(1.000)	1260399	50.0000	
	28 Trichloroethene	130	6.191	6.191	(1.045)	453293	50.0000	53
	29 Methylcyclohexane	83	6.389	6.389	(1.078)	562852	50.0000	44
	30 1,2-Dichloropropane	63	6.400	6.400	(1.080)	618100	50.0000	53
	31 Bromodichloromethane	83	6.679	6.679	(1.127)	670420	50.0000	53
	33 cis-1,3-Dichloropropene	75	7.144	7.144	(1.206)	667904	50.0000	51
	34 4-Methyl-2-Pentanone	43	7.306	7.306	(0.812)	442854	50.0000	41
$	35 Toluene-d8	98	7.434	7.434	(0.826)	1401285	50.0000	52
	36 Toluene	91	7.504	7.504	(0.834)	1801579	50.0000	55
	37 trans-1,3-Dichloropropene	75	7.736	7.736	(1.306)	614991	50.0000	50
	38 1,1,2-Trichloroethane	97	7.922	7.922	(1.337)	376163	50.0000	51
	39 Tetrachloroethene	164	8.096	8.096	(0.899)	326979	50.0000	53
	40 2-Hexanone	43	8.212	8.212	(0.912)	235873	50.0000	38
	41 Dibromochloromethane	129	8.351	8.351	(1.410)	476127	50.0000	52
	42 1,2-Dibromoethane	107	8.479	8.479	(0.942)	408009	50.0000	49
*	43 Chlorobenzene-d5	117	9.002	9.002	(1.000)	1094379	50.0000	
	44 Chlorobenzene	112	9.037	9.037	(1.004)	1130000	50.0000	53
	45 Ethylbenzene	106	9.164	9.164	(1.018)	557796	50.0000	53
	46 m,p-Xylene	106	9.292	9.292	(1.032)	1457363	100.000	110
	47 o-Xylene	106	9.745	9.745	(1.083)	672654	50.0000	54
	48 Styrene	104	9.768	9.768	(1.085)	734906	50.0000	53
	49 Bromoform	173	9.977	9.977	(1.684)	278798	50.0000	52
	50 Isopropylbenzene	105	10.186	10.186	(1.132)	1697905	50.0000	54
$	51 Bromofluorobenzene	95	10.361	10.361	(1.151)	525738	50.0000	52
	52 1,1,2,2-Tetrachloroethane	83	10.523	10.523	(1.169)	531312	50.0000	50
	54 1,3-Dichlorobenzene	146	11.661	11.661	(1.295)	783554	50.0000	54
	55 1,4-Dichlorobenzene	146	11.766	11.766	(1.307)	877799	50.0000	55
	56 1,2-Dichlorobenzene	146	12.207	12.207	(1.356)	752858	50.0000	54
	57 1,2-Dibromo-3-chloropropane	75	13.159	13.159	(1.462)	64078	50.0000	46
	58 1,2,4-Trichlorobenzene	180	14.181	14.181	(1.575)	269992	50.0000	47

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8257

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9130B.D
Date : 23-JUL-2007 11:06
Client ID: VSTD0505C
Instrument: V5.i
Sample Info: 5ML,VSTD0505C,VSTD0505C
Purge Volume: 5.0
Operator: HZA SRC: HZA
Column phase: DB-624
Column diameter: 0.25



0339

Data File: V5H9130B.D
Report Date: 08-Aug-2007 14:19

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9130B.D
Lab Smp Id: VSTD0505C Client Smp ID: VSTD0505C
Inj Date : 23-JUL-2007 11:06
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD0505C,VSTD0505C
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:22 sbotvin Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.632	1.632	(0.331)	175852	50.0000	32
2	Chloromethane	50	1.795	1.795	(0.364)	563908	50.0000	47
3	Vinyl Chloride	62	1.923	1.923	(0.390)	560589	50.0000	49
4	Bromomethane	94	2.225	2.225	(0.451)	400399	50.0000	56
5	Chloroethane	64	2.306	2.306	(0.468)	341888	50.0000	57
6	Trichlorofluoromethane	101	2.585	2.585	(0.524)	586205	50.0000	45
7	1,1-Dichloroethene	96	3.038	3.038	(0.616)	384451	50.0000	49
9	Acetone	43	3.072	3.072	(0.623)	232080	50.0000	43
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.084	3.084	(0.626)	366930	50.0000	39
10	Carbon Disulfide	76	3.247	3.247	(0.659)	1486150	50.0000	51
11	Methyl Acetate	43	3.386	3.386	(0.687)	420075	50.0000	47
12	Methylene Chloride	84	3.491	3.491	(0.708)	530619	50.0000	52
13	trans-1,2-Dichloroethene	96	3.758	3.758	(0.762)	514226	50.0000	51
14	Methyl tert-Butyl Ether	73	3.769	3.769	(0.764)	1368485	50.0000	46
15	1,1-Dichloroethane	63	4.152	4.152	(0.842)	1165277	50.0000	49
16	cis-1,2-Dichloroethene	96	4.710	4.710	(0.955)	509693	50.0000	50
17	2-Butanone	43	4.721	4.721	(0.958)	303322	50.0000	40
* 18	Bromochloromethane	128	4.931	4.931	(1.000)	293510	50.0000	
20	Chloroform	83	5.012	5.012	(1.016)	1011155	50.0000	50
21	1,1,1-Trichloroethane	97	5.198	5.198	(0.878)	782544	50.0000	54
22	Cyclohexane	56	5.256	5.256	(0.888)	722983	50.0000	41
23	Carbon Tetrachloride	117	5.360	5.360	(0.906)	677176	50.0000	53

Data File: V5H9130B.D
Report Date: 08-Aug-2007 14:19

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24	1,2-Dichloroethane-d4	65	5.488	5.488	(1.113)	638675	50.0000	46
	25	Benzene	78	5.546	5.546	(0.937)	2116207	50.0000	54
	26	1,2-Dichloroethane	62	5.558	5.558	(1.127)	839379	50.0000	49
*	27	1,4-Difluorobenzene	114	5.918	5.918	(1.000)	1312411	50.0000	
	28	Trichloroethene	130	6.196	6.196	(1.047)	477035	50.0000	53
	29	Methylcyclohexane	83	6.394	6.394	(1.080)	520164	50.0000	39
	30	1,2-Dichloropropane	63	6.405	6.405	(1.082)	651399	50.0000	53
	31	Bromodichloromethane	83	6.684	6.684	(1.129)	706940	50.0000	54
	33	cis-1,3-Dichloropropene	75	7.149	7.149	(1.208)	760463	50.0000	56
	34	4-Methyl-2-Pentanone	43	7.311	7.311	(0.812)	494315	50.0000	42
$	35	Toluene-d8	98	7.427	7.427	(0.825)	1457177	50.0000	50
	36	Toluene	91	7.497	7.497	(0.832)	1907372	50.0000	54
	37	trans-1,3-Dichloropropene	75	7.729	7.729	(1.306)	685685	50.0000	54
	38	1,1,2-Trichloroethane	97	7.927	7.927	(1.339)	410610	50.0000	53
	39	Tetrachloroethene	164	8.101	8.101	(0.899)	343727	50.0000	51
	40	2-Hexanone	43	8.217	8.217	(0.912)	264666	50.0000	40
	41	Dibromochloromethane	129	8.356	8.356	(1.412)	522054	50.0000	54
	42	1,2-Dibromoethane	107	8.484	8.484	(0.942)	436168	50.0000	49
*	43	Chlorobenzene-d5	117	9.007	9.007	(1.000)	1178754	50.0000	
	44	Chlorobenzene	112	9.042	9.042	(1.004)	1235738	50.0000	54
	45	Ethylbenzene	106	9.158	9.158	(1.017)	593015	50.0000	53
	46	m,p-Xylene	106	9.297	9.297	(1.032)	1505291	100.000	100
	47	o-Xylene	106	9.750	9.750	(1.083)	724882	50.0000	54
	48	Styrene	104	9.762	9.762	(1.084)	779969	50.0000	52
	49	Bromoform	173	9.971	9.971	(1.685)	310567	50.0000	55
	50	Isopropylbenzene	105	10.180	10.180	(1.130)	1803860	50.0000	53
$	51	Bromofluorobenzene	95	10.354	10.354	(1.150)	528339	50.0000	48
	52	1,1,2,2-Tetrachloroethane	83	10.516	10.516	(1.168)	563597	50.0000	50
M	53	Xylene (Total)	106				2230173	50.0000	160
	54	1,3-Dichlorobenzene	146	11.654	11.654	(1.294)	865813	50.0000	55
	55	1,4-Dichlorobenzene	146	11.759	11.759	(1.306)	936921	50.0000	55
	56	1,2-Dichlorobenzene	146	12.200	12.200	(1.355)	824171	50.0000	55
	57	1,2-Dibromo-3-chloropropane	75	13.153	13.153	(1.460)	72965	50.0000	49
	58	1,2,4-Trichlorobenzene	180	14.175	14.175	(1.574)	334868	50.0000	54

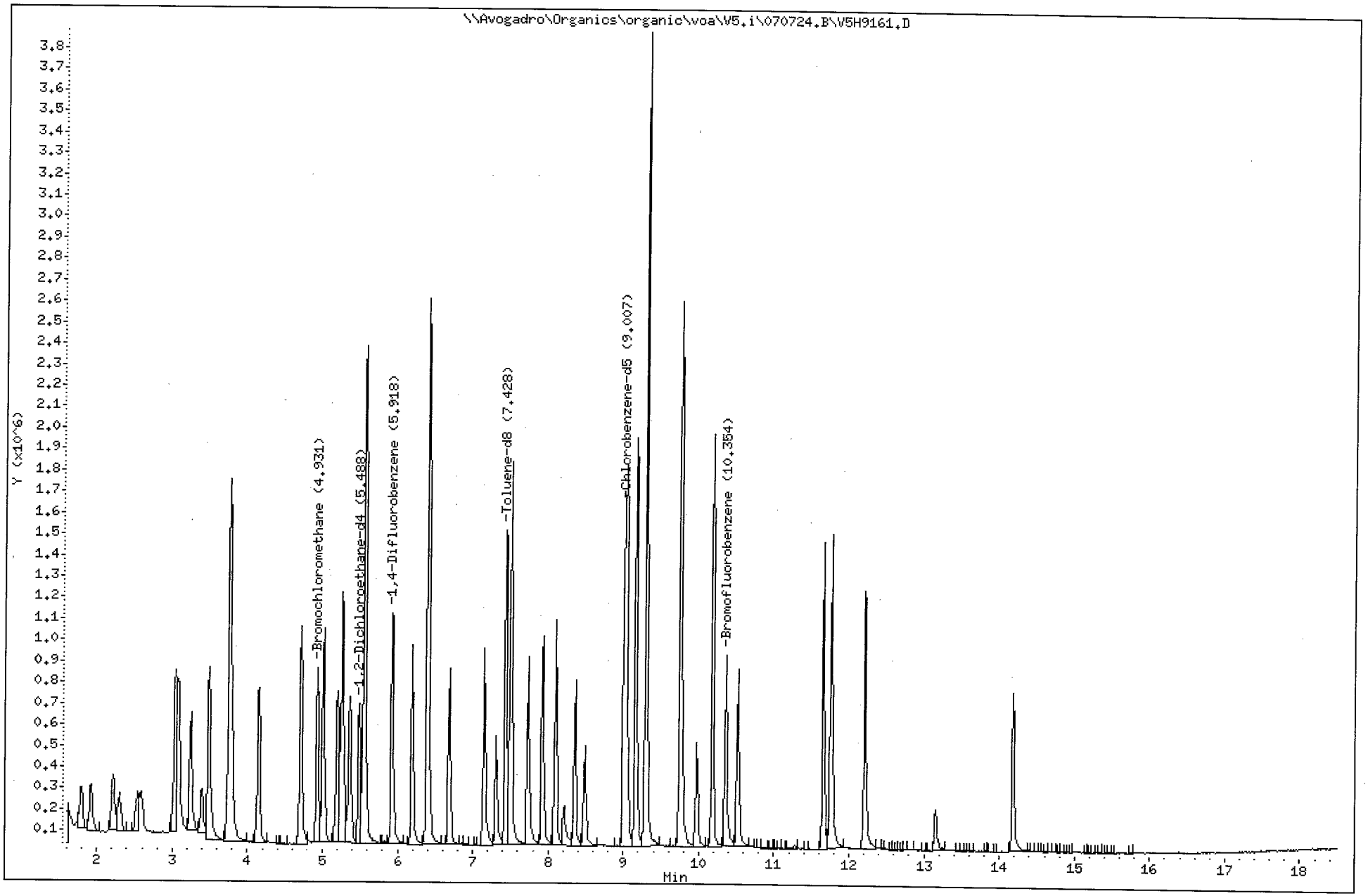
lm 8/9/07

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Date : 24-JUL-2007 11:33
Client ID: VSTD0505D
Sample Info: 5ML,VSTD0505D,VSTD0505D

Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



FORM 6

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9161.D
Report Date: 08-Aug-2007 14:38

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9161.D
Lab Smp Id: VSTD0505D Client Smp ID: VSTD0505D
Inj Date : 24-JUL-2007 11:33
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD0505D,VSTD0505D
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070724.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:03 V5.i Quant Type: ISTD
Cal Date : 24-JUL-2007 11:33 Cal File: V5H9161.D
Als bottle: 100 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

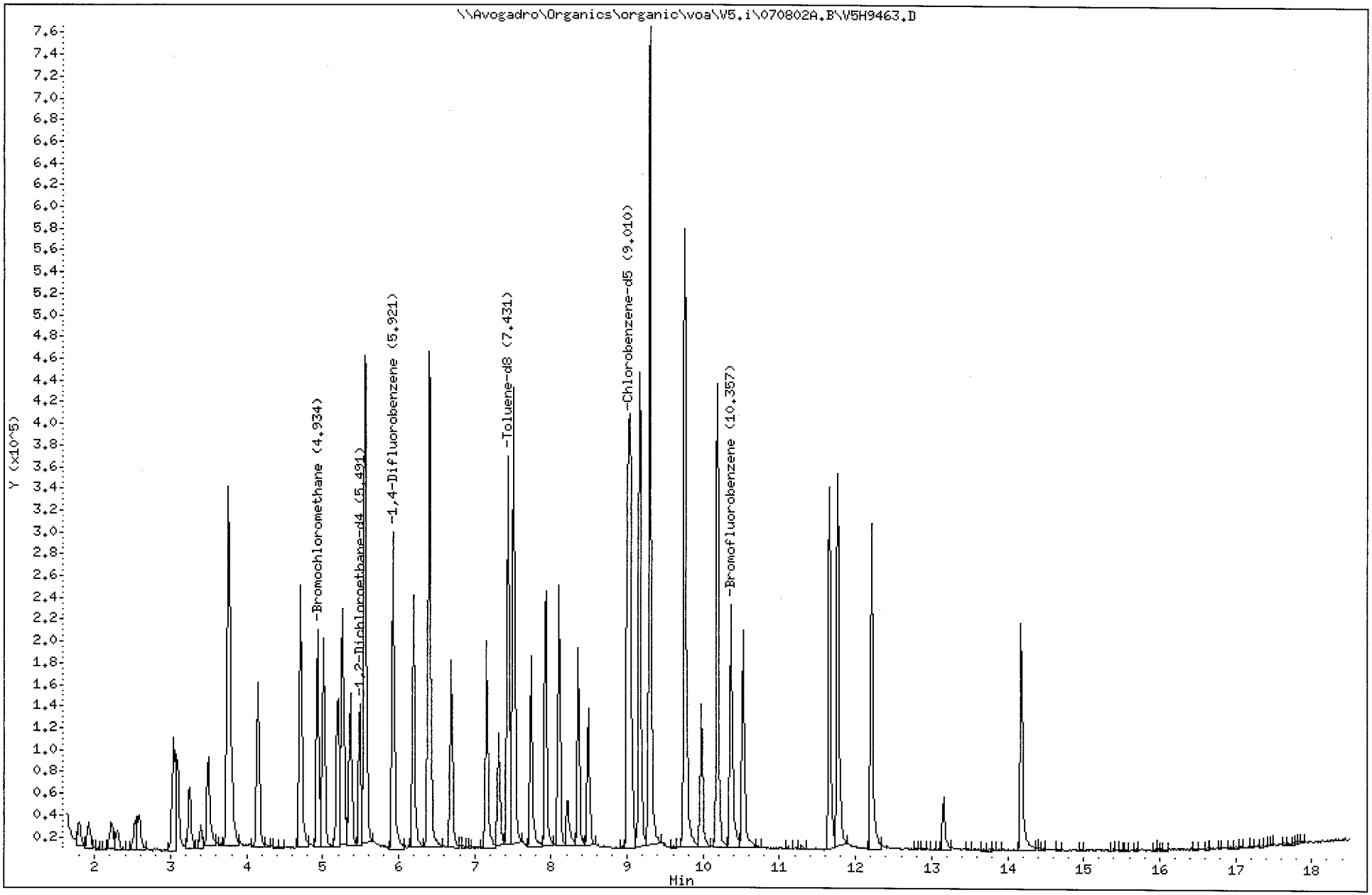
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.632	1.632	(0.331)	198551	50.0000	59
2	Chloromethane	50	1.795	1.795	(0.364)	433908	50.0000	55
3	Vinyl Chloride	62	1.923	1.923	(0.390)	409409	50.0000	57
4	Bromomethane	94	2.213	2.213	(0.449)	317343	50.0000	67
5	Chloroethane	64	2.294	2.294	(0.465)	258776	50.0000	64
6	Trichlorofluoromethane	101	2.585	2.585	(0.524)	524318	50.0000	76
7	1,1-Dichloroethene	96	3.037	3.037	(0.616)	303715	50.0000	59
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.072	3.072	(0.623)	405455	50.0000	61
10	Carbon Disulfide	76	3.247	3.247	(0.659)	1135407	50.0000	59
9	Acetone	43	3.072	3.072	(0.623)	284775	50.0000	56
11	Methyl Acetate	43	3.398	3.398	(0.689)	415249	50.0000	51
12	Methylene Chloride	84	3.490	3.490	(0.708)	444533	50.0000	56
13	trans-1,2-Dichloroethene	96	3.758	3.758	(0.762)	408768	50.0000	60
14	Methyl tert-Butyl Ether	73	3.769	3.769	(0.764)	1238257	50.0000	55
15	1,1-Dichloroethane	63	4.152	4.152	(0.842)	926481	50.0000	57
17	cis-1,2-Dichloroethene	96	4.710	4.710	(0.955)	415067	50.0000	59
16	2-Butanone	43	4.721	4.721	(0.958)	330365	50.0000	51
* 18	Bromochloromethane	128	4.930	4.930	(1.000)	232612	50.0000	
19	Chloroform	83	5.012	5.012	(1.016)	840125	50.0000	58
20	1,1,1-Trichloroethane	97	5.198	5.198	(0.877)	607906	50.0000	61
21	Cyclohexane	56	5.256	5.256	(0.886)	700168	50.0000	60

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9161.D
Report Date: 08-Aug-2007 14:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.360	5.360	(0.904)	544158	50.0000	62
$	23 1,2-Dichloroethane-d4	65	5.488	5.488	(1.113)	579609	50.0000	54
	25 Benzene	78	5.546	5.546	(0.935)	1695616	50.0000	60
	24 1,2-Dichloroethane	62	5.558	5.558	(1.127)	723870	50.0000	55
*	26 1,4-Difluorobenzene	114	5.929	5.929	(1.000)	946095	50.0000	
	27 Trichloroethene	130	6.196	6.196	(1.045)	363972	50.0000	58
	28 Methylcyclohexane	83	6.394	6.394	(1.078)	606572	50.0000	64
	29 1,2-Dichloropropane	63	6.405	6.405	(1.080)	545220	50.0000	58
	30 Bromodichloromethane	83	6.684	6.684	(1.127)	595676	50.0000	58
	31 cis-1,3-Dichloropropene	75	7.149	7.149	(1.206)	586740	50.0000	58
	32 4-Methyl-2-Pentanone	43	7.311	7.311	(0.812)	507980	50.0000	49
$	33 Toluene-d8	98	7.439	7.439	(0.826)	1103209	50.0000	57
	34 Toluene	91	7.509	7.509	(0.834)	1508898	50.0000	60
	35 trans-1,3-Dichloropropene	75	7.729	7.729	(1.304)	563696	50.0000	58
	36 1,1,2-Trichloroethane	97	7.927	7.927	(1.337)	356725	50.0000	58
	37 Tetrachloroethene	164	8.101	8.101	(0.899)	274413	50.0000	59
	38 2-Hexanone	43	8.205	8.205	(0.911)	286626	50.0000	52
	39 Dibromochloromethane	129	8.356	8.356	(1.409)	450764	50.0000	58
	40 1,2-Dibromoethane	107	8.484	8.484	(0.942)	393595	50.0000	54
*	42 Chlorobenzene-d5	117	9.007	9.007	(1.000)	911172	50.0000	
	43 Chlorobenzene	112	9.041	9.041	(1.004)	980438	50.0000	56
	44 Ethylbenzene	106	9.158	9.158	(1.017)	458099	50.0000	60
	45 m,p-Xylene	106	9.297	9.297	(1.032)	1230126	100.000	120
	46 o-Xylene	106	9.750	9.750	(1.083)	576357	50.0000	60
	47 Styrene	104	9.761	9.761	(1.084)	615889	50.0000	59
	48 Bromoform	173	9.971	9.971	(1.682)	281519	50.0000	56
	49 Isopropylbenzene	105	10.180	10.180	(1.130)	1392344	50.0000	62
$	50 Bromofluorobenzene	95	10.354	10.354	(1.150)	434009	50.0000	56
	51 1,1,2,2-Tetrachloroethane	83	10.516	10.516	(1.168)	557047	50.0000	53
	52 1,3-Dichlorobenzene	146	11.654	11.654	(1.294)	686625	50.0000	59
	53 1,4-Dichlorobenzene	146	11.759	11.759	(1.306)	775914	50.0000	59
	54 1,2-Dichlorobenzene	146	12.212	12.212	(1.356)	670837	50.0000	56
	55 1,2-Dibromo-3-chloropropane	75	13.152	13.152	(1.460)	80750	50.0000	54
	56 1,2,4-Trichlorobenzene	180	14.174	14.174	(1.574)	298074	50.0000	55

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Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9463.D
Date : 02-AUG-2007 23:32
Client ID: VSTD0505Z
Instrument: V5.i
Sample Info: 5G,VSTD0505Z,VSTD0505Z
Operator: HZA SRC: HZA
Column phase: DB-624
Column diameter: 0.25



Data File: V5H9463.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9463.D
Lab Smp Id: VSTD0505Z Client Smp ID: VSTD0505Z
Inj Date : 02-AUG-2007 23:32
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5G,VSTD0505Z,VSTD0505Z
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 02-AUG-2007 23:32 Cal File: V5H9463.D
Als bottle: 100 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.647	1.647	(0.334)	28554	50.0000	48
2	Chloromethane	50	1.798	1.798	(0.364)	45042	50.0000	53
3	Vinyl Chloride	62	1.926	1.926	(0.390)	42619	50.0000	50
4	Bromomethane	94	2.216	2.216	(0.449)	30655	50.0000	54
5	Chloroethane	64	2.297	2.297	(0.466)	22965	50.0000	51
6	Trichlorofluoromethane	101	2.588	2.588	(0.525)	79455	50.0000	52
7	1,1-Dichloroethene	96	3.029	3.029	(0.614)	35219	50.0000	53
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.075	3.075	(0.623)	46188	50.0000	52
9	Acetone	43	3.075	3.075	(0.623)	32368	50.0000	51
10	Carbon Disulfide	76	3.249	3.249	(0.659)	117100	50.0000	52
11	Methyl Acetate	43	3.389	3.389	(0.687)	39504	50.0000	51
12	Methylene Chloride	84	3.493	3.493	(0.708)	57198	50.0000	52
13	trans-1,2-Dichloroethene	96	3.760	3.760	(0.762)	107969	50.0000	52
14	Methyl tert-Butyl Ether	73	3.772	3.772	(0.765)	286567	50.0000	51
15	1,1-Dichloroethane	63	4.155	4.155	(0.842)	197180	50.0000	53
17	cis-1,2-Dichloroethene	96	4.701	4.701	(0.953)	127426	50.0000	52
16	2-Butanone	43	4.724	4.724	(0.958)	54825	50.0000	52
* 18	Bromochloromethane	128	4.933	4.933	(1.000)	69014	50.0000	
19	Chloroform	83	5.015	5.015	(1.016)	190018	50.0000	52
20	1,1,1-Trichloroethane	97	5.200	5.200	(0.878)	130032	50.0000	53
21	Cyclohexane	56	5.259	5.259	(0.888)	149471	50.0000	55

Data File: V5H9463.D
Report Date: 08-Aug-2007 14:42

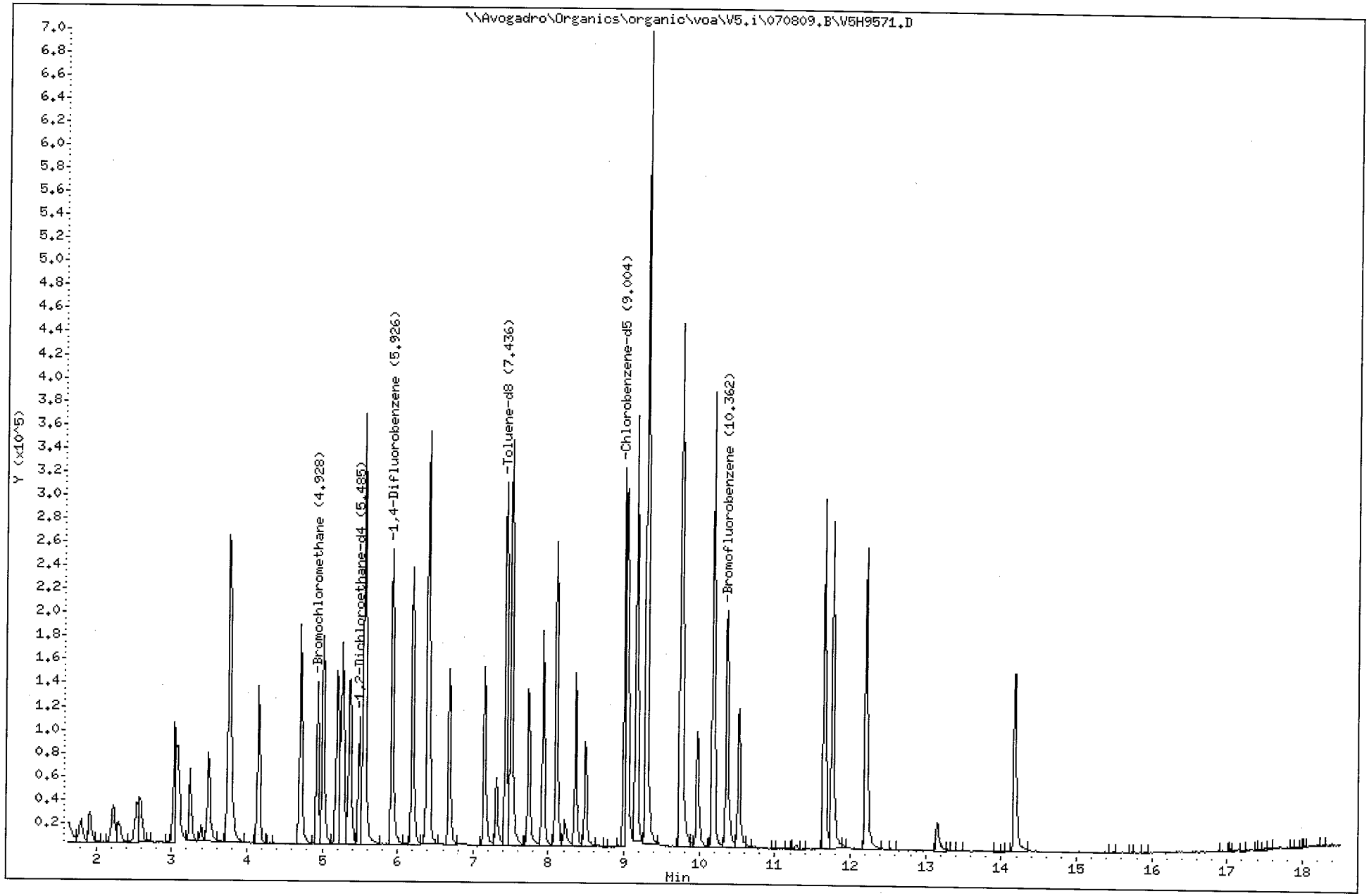
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	22 Carbon Tetrachloride	117	5.363	5.363	(0.906)	112575	50.0000	54
$	23 1,2-Dichloroethane-d4	65	5.491	5.491	(1.113)	93166	50.0000	51
	25 Benzene	78	5.549	5.549	(0.937)	403587	50.0000	55
	24 1,2-Dichloroethane	62	5.561	5.561	(1.127)	118814	50.0000	52
*	26 1,4-Difluorobenzene	114	5.921	5.921	(1.000)	292062	50.0000	
	27 Trichloroethene	130	6.199	6.199	(1.047)	102708	50.0000	55
	28 Methylcyclohexane	83	6.397	6.397	(1.080)	148241	50.0000	56
	29 1,2-Dichloropropane	63	6.408	6.408	(1.082)	118740	50.0000	54
	30 Bromodichloromethane	83	6.687	6.687	(1.129)	138475	50.0000	54
	31 cis-1,3-Dichloropropene	75	7.151	7.151	(1.208)	154487	50.0000	55
	32 4-Methyl-2-Pentanone	43	7.302	7.302	(0.811)	103484	50.0000	51
$	33 Toluene-d8	98	7.430	7.430	(0.825)	310793	50.0000	54
	34 Toluene	91	7.500	7.500	(0.832)	402961	50.0000	54
	35 trans-1,3-Dichloropropene	75	7.732	7.732	(1.306)	129949	50.0000	54
	36 1,1,2-Trichloroethane	97	7.930	7.930	(1.339)	104045	50.0000	54
	37 Tetrachloroethene	164	8.104	8.104	(0.899)	71293	50.0000	52
	38 2-Hexanone	43	8.220	8.220	(0.912)	52359	50.0000	48
	39 Dibromochloromethane	129	8.359	8.359	(1.412)	121336	50.0000	55
	40 1,2-Dibromoethane	107	8.487	8.487	(0.942)	119294	50.0000	52
*	42 Chlorobenzene-d5	117	9.010	9.010	(1.000)	265492	50.0000	
	43 Chlorobenzene	112	9.033	9.033	(1.003)	269633	50.0000	53
	44 Ethylbenzene	106	9.161	9.161	(1.017)	123788	50.0000	54
	45 m,p-Xylene	106	9.300	9.300	(1.032)	309190	100.000	110
	46 o-Xylene	106	9.753	9.753	(1.082)	159523	50.0000	56
	47 Styrene	104	9.764	9.764	(1.084)	172081	50.0000	55
	48 Bromoform	173	9.973	9.973	(1.685)	85080	50.0000	55
	49 Isopropylbenzene	105	10.182	10.182	(1.130)	374643	50.0000	54
$	50 Bromofluorobenzene	95	10.357	10.357	(1.150)	123417	50.0000	55
	51 1,1,2,2-Tetrachloroethane	83	10.519	10.519	(1.168)	159876	50.0000	53
M	41 Xylene (Total)	106				468713	50.0000	170
	52 1,3-Dichlorobenzene	146	11.657	11.657	(1.294)	185391	50.0000	54
	53 1,4-Dichlorobenzene	146	11.762	11.762	(1.305)	212789	50.0000	55
	54 1,2-Dichlorobenzene	146	12.215	12.215	(1.356)	193512	50.0000	54
	55 1,2-Dibromo-3-chloropropane	75	13.155	13.155	(1.460)	18814	50.0000	49
	56 1,2,4-Trichlorobenzene	180	14.177	14.177	(1.574)	99430	50.0000	53

lm 9/8/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9571.D
Date : 09-AUG-2007 12:20
Client ID: VSTD050F5
Sample Info: 5ML,VSTD050F5,VSTD050F5
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: HZA
Column diameter: 0.25



1929

Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9571.D
Report Date: 10-Aug-2007 12:05

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9571.D
Lab Smp Id: VSTD050F5 Client Smp ID: VSTD050F5
Inj Date : 09-AUG-2007 12:20
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VSTD050F5,VSTD050F5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070809.B\v5clp4.m
Meth Date : 10-Aug-2007 11:59 im Quant Type: ISTD
Cal Date : 09-AUG-2007 12:20 Cal File: V5H9571.D
Als bottle: 100 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
1	Dichlorodifluoromethane	85	1.641	1.641	(0.332)	25485	50.0000	50
2	Chloromethane	50	1.803	1.803	(0.365)	29724	50.0000	34
3	Vinyl Chloride	62	1.919	1.919	(0.389)	39345	50.0000	45
4	Bromomethane	94	2.221	2.221	(0.450)	29331	50.0000	56
5	Chloroethane	64	2.303	2.303	(0.466)	21552	50.0000	51
6	Trichlorofluoromethane	101	2.581	2.581	(0.523)	90135	50.0000	83
7	1,1-Dichloroethene	96	3.034	3.034	(0.614)	34325	50.0000	59
9	Acetone	43	3.081	3.081	(0.624)	18053	50.0000	40
8	1,1,2-Trichloro-1,2,2-trifluo	101	3.081	3.081	(0.624)	46403	50.0000	68
10	Carbon Disulfide	76	3.243	3.243	(0.657)	110899	50.0000	54
11	Methyl Acetate	43	3.394	3.394	(0.687)	22722	50.0000	40
12	Methylene Chloride	84	3.487	3.487	(0.706)	47429	50.0000	52
13	trans-1,2-Dichloroethene	96	3.754	3.754	(0.760)	86476	50.0000	46
14	Methyl tert-Butyl Ether	73	3.777	3.777	(0.765)	217388	50.0000	49
15	1,1-Dichloroethane	63	4.149	4.149	(0.840)	154180	50.0000	46
16	cis-1,2-Dichloroethene	96	4.706	4.706	(0.953)	93028	50.0000	46
17	2-Butanone	43	4.718	4.718	(0.955)	25840	50.0000	31
* 18	Bromochloromethane	128	4.939	4.939	(1.000)	53752	50.0000	
20	Chloroform	83	5.008	5.008	(1.014)	163068	50.0000	51
21	1,1,1-Trichloroethane	97	5.194	5.194	(0.877)	136786	50.0000	61
22	Cyclohexane	56	5.264	5.264	(0.888)	108429	50.0000	43
23	Carbon Tetrachloride	117	5.368	5.368	(0.906)	125523	50.0000	66

Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9571.D
Report Date: 10-Aug-2007 12:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
$	24 1,2-Dichloroethane-d4	65	5.484	5.484	(1.111)	95376	50.0000	61
	25 Benzene	78	5.554	5.554	(0.937)	292901	50.0000	46
	26 1,2-Dichloroethane	62	5.554	5.554	(1.125)	113211	50.0000	60
*	27 1,4-Difluorobenzene	114	5.926	5.926	(1.000)	254908	50.0000	
	28 Trichloroethene	130	6.193	6.193	(1.045)	100408	50.0000	61
	29 Methylcyclohexane	83	6.390	6.390	(1.078)	107544	50.0000	50
	30 1,2-Dichloropropane	63	6.402	6.402	(1.080)	75316	50.0000	41
	31 Bromodichloromethane	83	6.681	6.681	(1.127)	116235	50.0000	56
	33 cis-1,3-Dichloropropene	75	7.145	7.145	(1.206)	112590	50.0000	47
	34 4-Methyl-2-Pentanone	43	7.308	7.308	(0.812)	48122	50.0000	35
$	35 Toluene-d8	98	7.435	7.435	(0.826)	251420	50.0000	47
	36 Toluene	91	7.505	7.505	(0.834)	309938	50.0000	47
	37 trans-1,3-Dichloropropene	75	7.726	7.726	(1.304)	103643	50.0000	52
	38 1,1,2-Trichloroethane	97	7.923	7.923	(1.337)	69651	50.0000	48
	39 Tetrachloroethene	164	8.097	8.097	(0.899)	75259	50.0000	61
	40 2-Hexanone	43	8.214	8.214	(0.912)	24908	50.0000	28
	41 Dibromochloromethane	129	8.353	8.353	(1.410)	96254	50.0000	58
	42 1,2-Dibromoethane	107	8.481	8.481	(0.942)	80261	50.0000	47
*	43 Chlorobenzene-d5	117	9.003	9.003	(1.000)	212625	50.0000	
	44 Chlorobenzene	112	9.038	9.038	(1.004)	209178	50.0000	51
	45 Ethylbenzene	106	9.166	9.166	(1.018)	103512	50.0000	50
	46 m,p-Xylene	106	9.294	9.294	(1.032)	249836	100.000	100
	47 o-Xylene	106	9.746	9.746	(1.083)	123971	50.0000	51
	48 Styrene	104	9.770	9.770	(1.085)	135733	50.0000	52
	49 Bromoform	173	9.967	9.967	(1.682)	64326	50.0000	61
	50 Isopropylbenzene	105	10.176	10.176	(1.130)	336763	50.0000	54
$	51 Bromofluorobenzene	95	10.362	10.362	(1.151)	103678	50.0000	53
	52 1,1,2,2-Tetrachloroethane	83	10.525	10.525	(1.169)	85344	50.0000	42
M	53 Xylene (Total)	106				373807	50.0000	150
	54 1,3-Dichlorobenzene	146	11.651	11.651	(1.294)	167674	50.0000	60
	55 1,4-Dichlorobenzene	146	11.767	11.767	(1.307)	184120	50.0000	59
	56 1,2-Dichlorobenzene	146	12.208	12.208	(1.356)	164656	50.0000	60
	57 1,2-Dibromo-3-chloropropane	75	13.149	13.149	(1.460)	12081	50.0000	57
	58 1,2,4-Trichlorobenzene	180	14.183	14.183	(1.575)	80390	50.0000	60

lm 8/10/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8910.D

Date : 13-JUL-2007 11:35

Client ID: BFBQ5

Instrument: v5.i

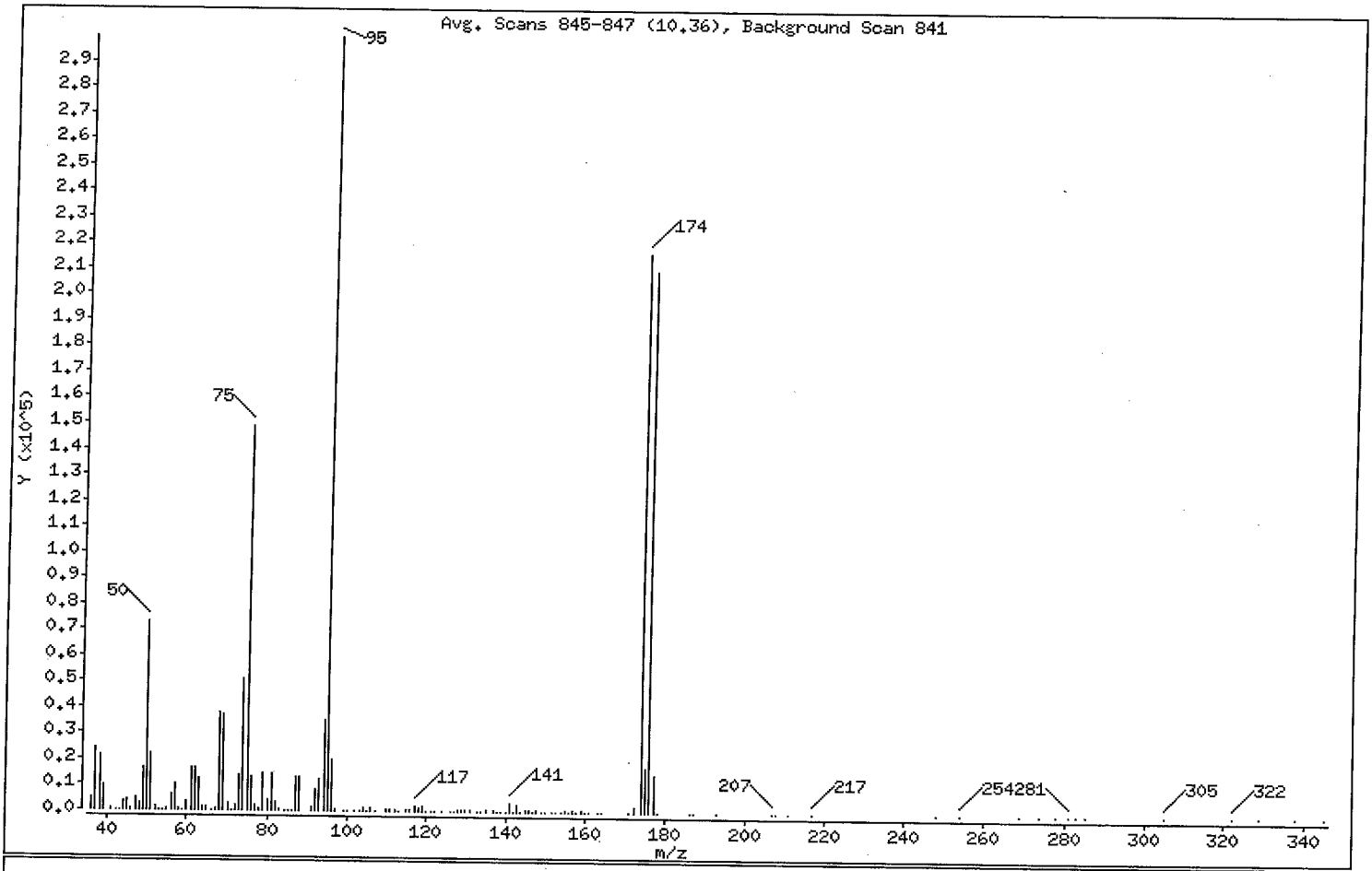
Sample Info: 2UL,BFBQ5,BFBQ5

Operator: HZA

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	24.40
75	30.00 - 66.00% of mass 95	49.60
96	5.00 - 9.00% of mass 95	6.57
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	72.10
175	4.00 - 9.00% of mass 174	5.65 (7.83)
176	93.00 - 101.00% of mass 174	69.83 (96.86)
177	5.00 - 9.00% of mass 176	4.75 (6.80)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8910.D

Date : 13-JUL-2007 11:35

Client ID: BFBQ5

Instrument: v5.i

Sample Info: 2UL,BFBQ5,BFBQ5

Operator: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H8910.D

Spectrum: Avg. Scans 845-847 (10.36), Background Scan 841

Location of Maximum: 95.00

Number of points: 142

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4931	73.00	13988	116.00	1000	157.00	381
37.00	23768	74.00	50784	117.00	2025	158.00	101
38.00	21024	75.00	148480	118.00	1109	159.00	351
39.00	9446	76.00	12899	119.00	1785	160.00	61
41.00	519	77.00	2046	120.00	63	161.00	226
42.00	150	78.00	875	121.00	51	163.00	35
43.00	29	79.00	14233	122.00	50	164.00	44
44.00	3184	80.00	4102	124.00	61	171.00	126
45.00	4307	81.00	14263	126.00	311	172.00	1888
46.00	358	82.00	3275	127.00	34	174.00	215808
47.00	5067	83.00	672	128.00	1002	175.00	16904
48.00	2603	84.00	8	129.00	511	176.00	209024
49.00	16374	85.00	103	130.00	999	177.00	14215
50.00	73048	86.00	336	131.00	411	178.00	305
51.00	22104	87.00	13144	133.00	105	186.00	37
52.00	1202	88.00	12891	134.00	170	187.00	124
53.00	176	91.00	1421	135.00	608	193.00	42
54.00	171	92.00	8600	137.00	592	207.00	152
55.00	1018	93.00	12499	138.00	105	208.00	118
56.00	6510	94.00	35112	139.00	99	211.00	45
57.00	10437	95.00	299328	140.00	135	217.00	40
58.00	512	96.00	19656	141.00	3197	248.00	38
59.00	176	97.00	642	142.00	172	254.00	42
60.00	3301	99.00	39	143.00	2977	269.00	42
61.00	16832	100.00	63	144.00	186	274.00	37
62.00	16346	102.00	57	145.00	586	278.00	38
63.00	12488	103.00	140	146.00	366	281.00	185
64.00	1592	104.00	1596	147.00	140	283.00	37
65.00	1596	105.00	312	148.00	677	285.00	37
66.00	256	106.00	1498	149.00	85	305.00	54
67.00	765	107.00	283	150.00	263	322.00	50
68.00	37544	110.00	365	152.00	130	329.00	34
69.00	37072	111.00	465	153.00	164	338.00	34
70.00	2712	112.00	376	154.00	107	345.00	37
71.00	231	113.00	280	155.00	608		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8910.D

Date : 13-JUL-2007 11:35

Client ID: BFBQ5

Instrument: v5.i

Sample Info: 2UL,BFBQ5,BFBQ5

Operator: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H8910.D

Spectrum: Avg. Scans 845-847 (10.36), Background Scan 841

Location of Maximum: 95.00

Number of points: 142

m/z	Y	m/z	Y	m/z	Y	m/z	Y
72.00	2280	115.00	516	156.00	272		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070713.B\V5H8910.D

Date : 13-JUL-2007 11:35

Client ID: BFBQ5

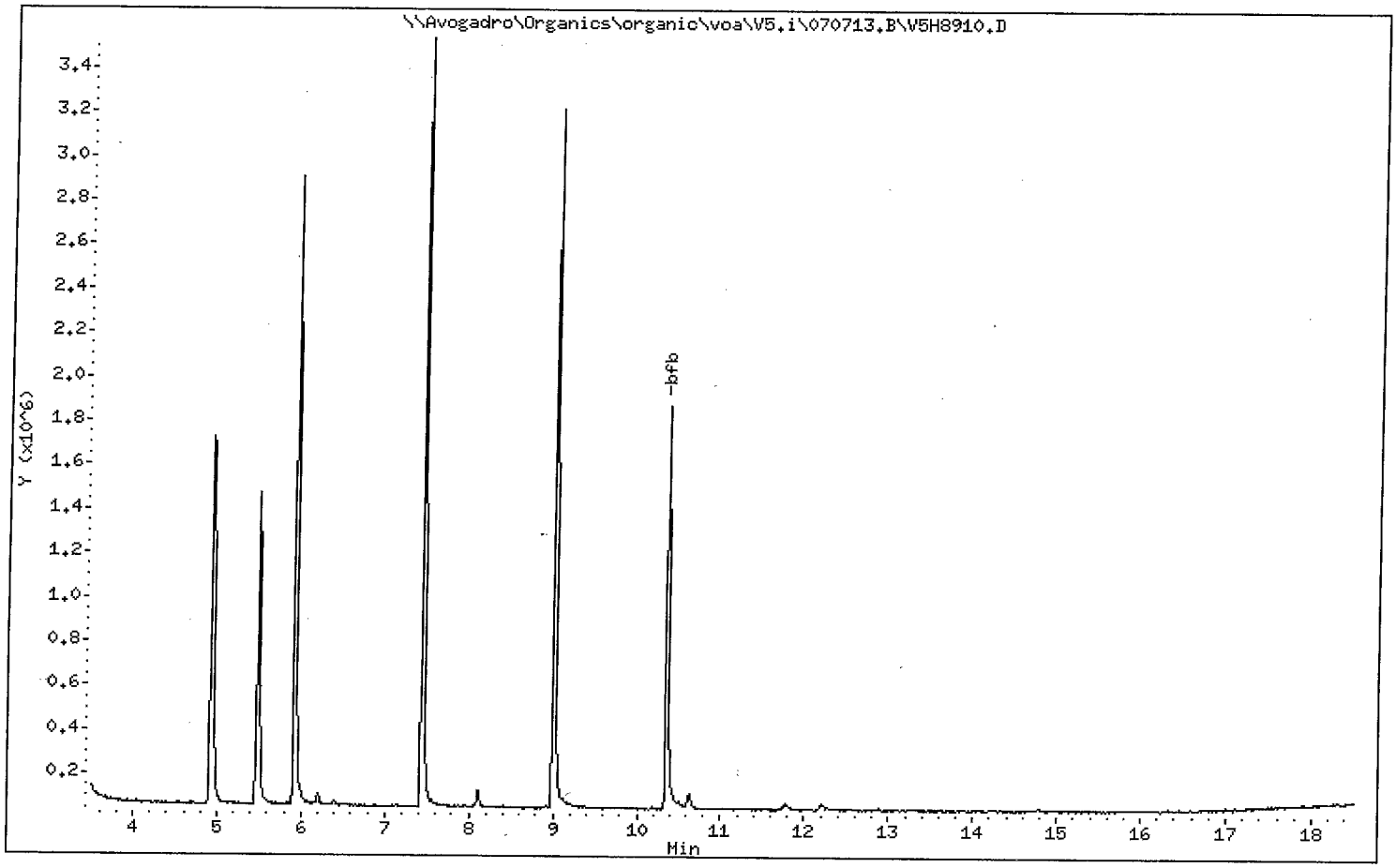
Instrument: v5.i

Sample Info: 2UL,BFBQ5,BFBQ5

Operator: HZA

Column phase: DB-624

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9051.D

Date : 19-JUL-2007 09:49

Client ID: BFBX5

Instrument: v5.i

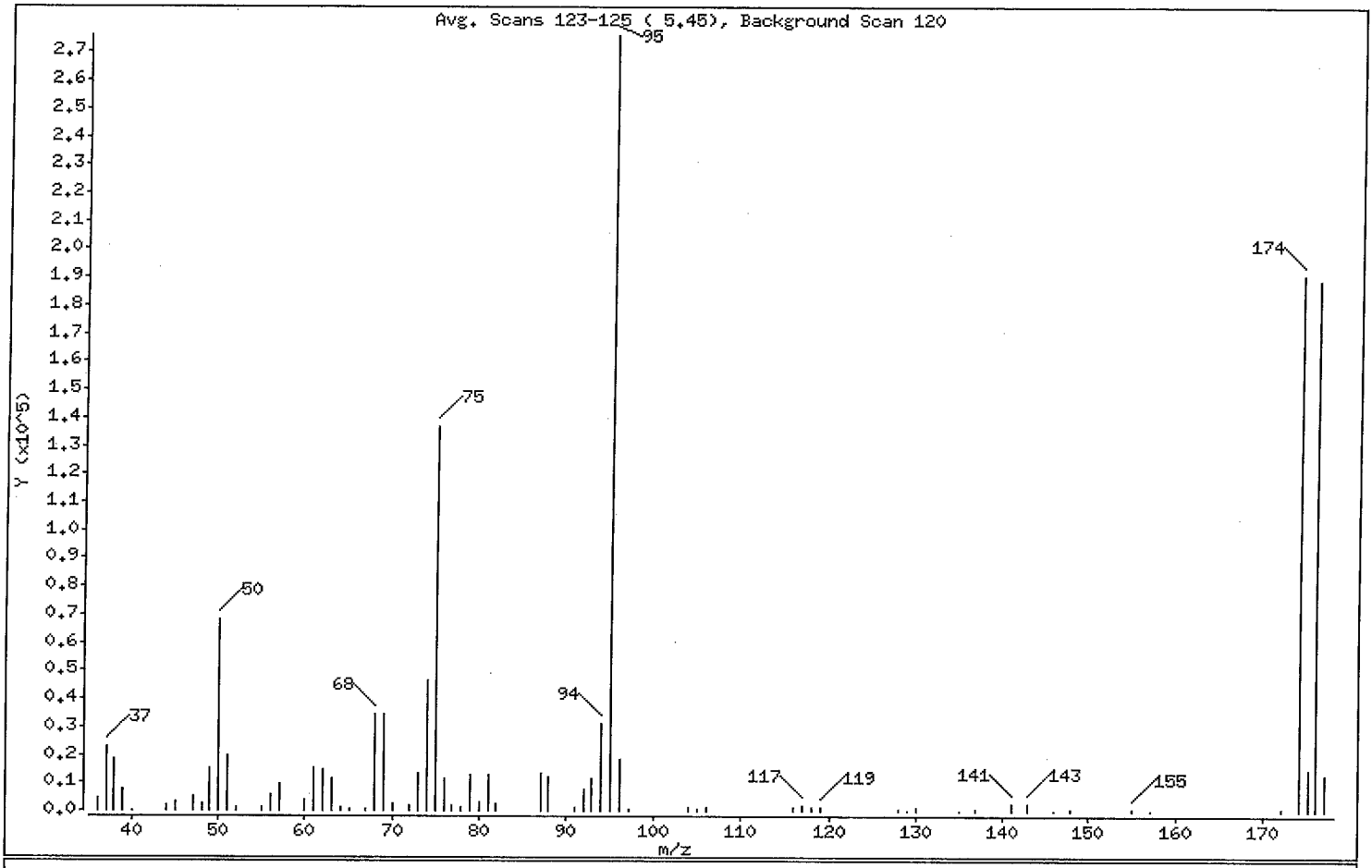
Sample Info: 2UL,BFBX5,BFBX5

Operator: HZA

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	24.63
75	30.00 - 66.00% of mass 95	49.54
96	5.00 - 9.00% of mass 95	6.73
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	69.06
175	4.00 - 9.00% of mass 174	5.34 (7.73)
176	93.00 - 101.00% of mass 174	68.51 (99.19)
177	5.00 - 9.00% of mass 176	4.50 (6.57)

JA
7/24/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9051.D

Date : 19-JUL-2007 09:49

Client ID: BFBX5

Instrument: v5.i

Sample Info: 2UL,BFBX5,BFBX5

Operator: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H9051.D

Spectrum: Avg. Scans 123-125 (5.45), Background Scan 120

Location of Maximum: 95.00

Number of points: 69

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4667	62.00	14350	82.00	2528	129.00	212
37.00	22808	63.00	11184	87.00	13519	130.00	1071
38.00	18352	64.00	1042	88.00	12154	135.00	207
39.00	7424	65.00	758	91.00	1293	137.00	403
40.00	54	67.00	748	92.00	7617	141.00	2462
44.00	1907	68.00	34600	93.00	11734	143.00	2523
45.00	3438	69.00	34448	94.00	31464	146.00	187
47.00	5079	70.00	2448	95.00	275968	148.00	330
48.00	2316	72.00	1736	96.00	18560	155.00	459
49.00	15248	73.00	13095	97.00	370	157.00	239
50.00	67984	74.00	46136	104.00	1372	172.00	909
51.00	19584	75.00	136704	105.00	387	174.00	190592
52.00	959	76.00	11660	106.00	1387	175.00	14733
55.00	1079	77.00	1934	116.00	1208	176.00	189056
56.00	5605	78.00	1442	117.00	1931	177.00	12424
57.00	9715	79.00	12674	118.00	1086		
60.00	3560	80.00	3388	119.00	1471		
61.00	15254	81.00	12680	128.00	950		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719.B\V5H9051.D

Date : 19-JUL-2007 09:49

Client ID: BFBX5

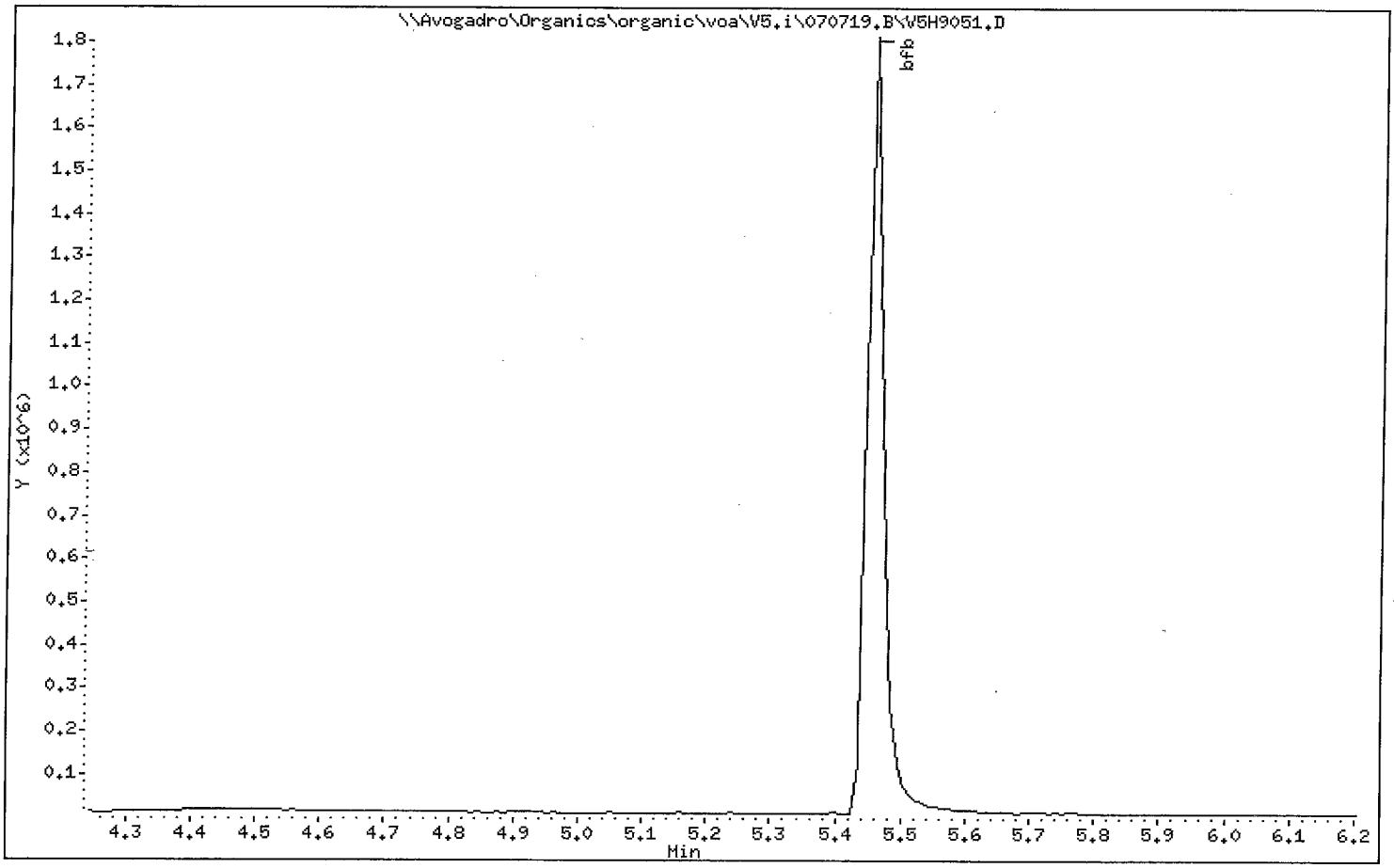
Instrument: v5.i

Sample Info: 2UL,BFBX5,BFBX5

Operator: HZA

Column phase: DB-624

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9072.D

Date : 19-JUL-2007 22:02

Client ID: BFBY5

Instrument: v5.i

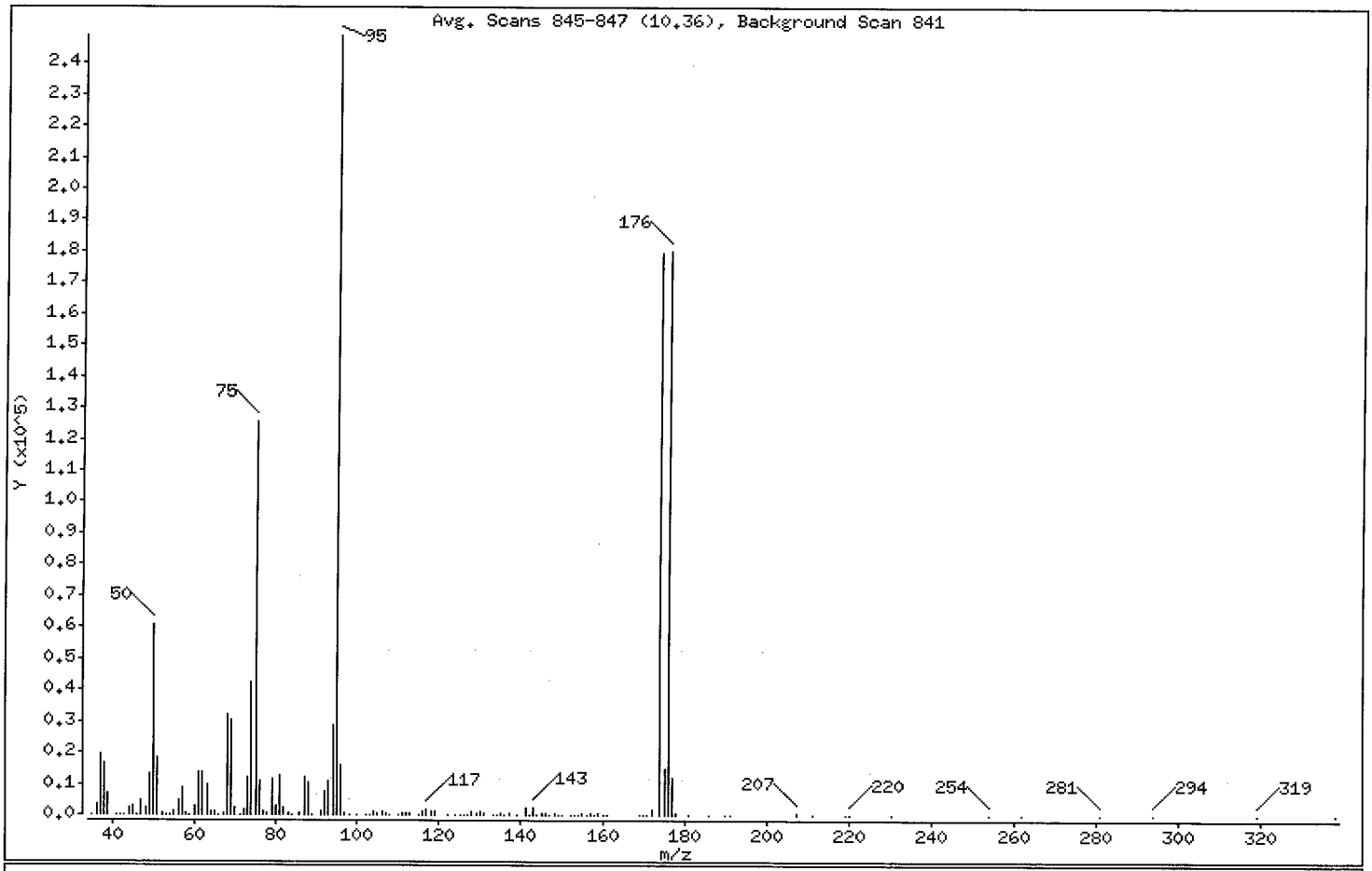
Sample Info: 2UL,BFBY5,BFBY5

Operator: HZA

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	24.46
75	30.00 - 66.00% of mass 95	50.35
96	5.00 - 9.00% of mass 95	6.37
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	72.16
175	4.00 - 9.00% of mass 174	5.90 (8.17)
176	93.00 - 101.00% of mass 174	72.41 (100.36)
177	5.00 - 9.00% of mass 176	4.83 (6.66)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9072.D

Date : 19-JUL-2007 22:02

Client ID: BFBY5

Instrument: v5.i

Sample Info: 2UL,BFBY5,BFBY5

Operator: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H9072.D
Spectrum: Avg. Scans 845-847 (10.36), Background Scan 841
Location of Maximum: 95.00
Number of points: 137

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	146	71.00	77	111.00	305	154.00	83
36.00	3538	72.00	1464	112.00	368	155.00	510
37.00	19544	73.00	11951	113.00	312	156.00	140
38.00	16816	74.00	42600	115.00	271	157.00	355
39.00	6873	75.00	125224	116.00	960	158.00	40
41.00	127	76.00	11137	117.00	1675	159.00	288
42.00	68	77.00	1346	118.00	1051	160.00	85
43.00	224	78.00	719	119.00	1223	161.00	277
44.00	2347	79.00	11456	122.00	75	169.00	35
45.00	2817	80.00	3042	124.00	17	170.00	36
46.00	229	81.00	12334	125.00	120	171.00	83
47.00	4449	82.00	2446	126.00	88	172.00	1524
48.00	2123	83.00	322	127.00	179	174.00	179456
49.00	13319	84.00	173	128.00	1104	175.00	14666
50.00	60824	86.00	344	129.00	393	176.00	180096
51.00	18624	87.00	12019	130.00	925	177.00	12000
52.00	659	88.00	10113	131.00	413	178.00	325
53.00	251	89.00	34	133.00	78	181.00	69
54.00	110	91.00	1113	134.00	96	186.00	56
55.00	951	92.00	7169	135.00	573	190.00	41
56.00	4709	93.00	11003	136.00	108	191.00	35
57.00	8363	94.00	28552	137.00	521	207.00	299
58.00	489	95.00	248704	139.00	232	211.00	40
59.00	95	96.00	15836	141.00	2376	219.00	38
60.00	2907	97.00	468	142.00	266	220.00	48
61.00	13946	98.00	168	143.00	2551	230.00	42
62.00	13693	100.00	38	144.00	227	254.00	39
63.00	9931	102.00	39	145.00	353	262.00	34
64.00	1360	103.00	192	146.00	429	281.00	43
65.00	1233	104.00	1358	147.00	283	294.00	44
66.00	76	105.00	565	148.00	460	319.00	38
67.00	431	106.00	1064	149.00	164	338.00	37
68.00	32008	107.00	315	150.00	187		
69.00	30520	108.00	41	152.00	127		
70.00	2529	110.00	160	153.00	108		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9072.D

Date : 19-JUL-2007 22:02

Client ID: BFBY5

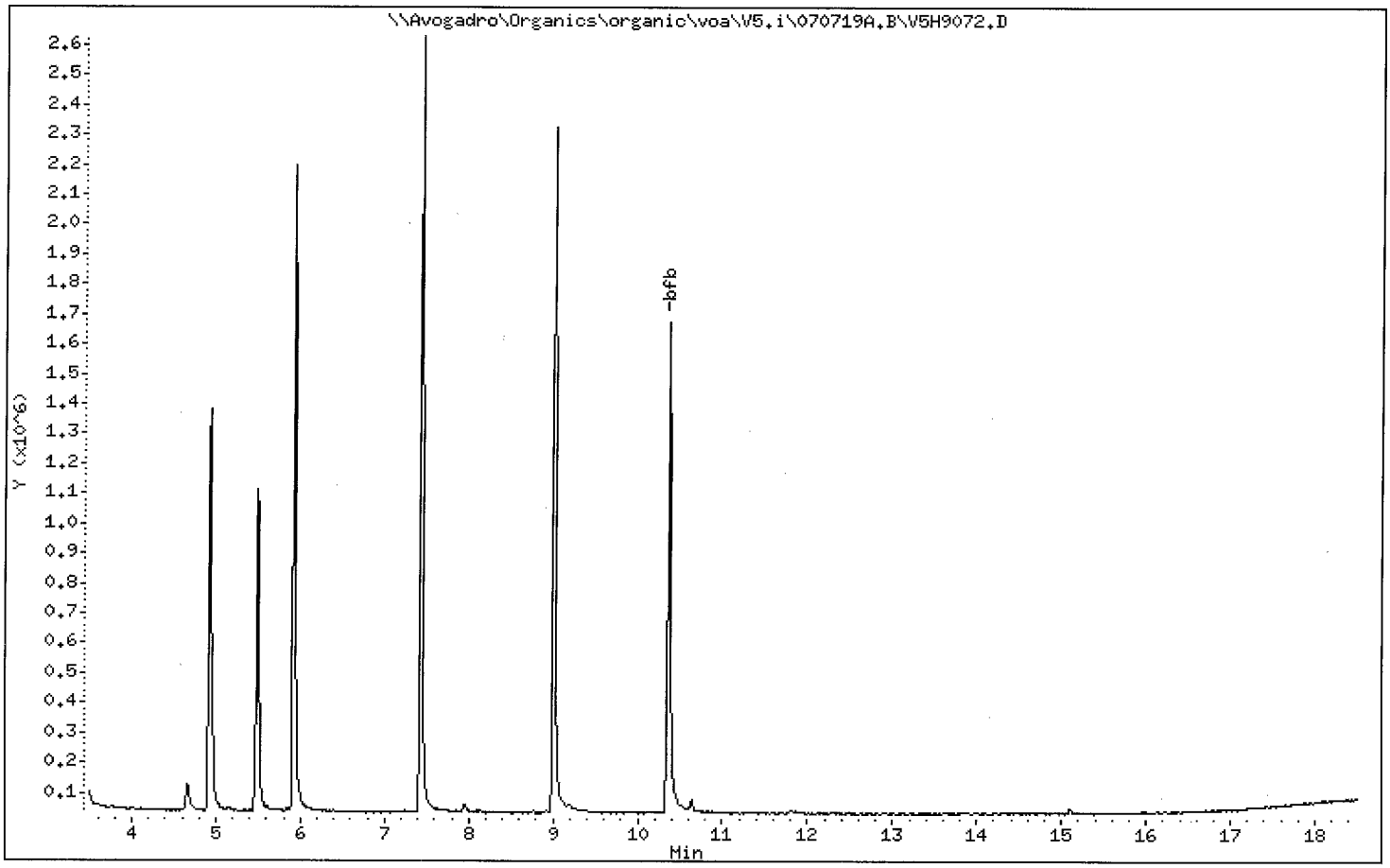
Instrument: v5.i

Sample Info: 2UL,BFBY5,BFBY5

Operator: HZA

Column phase: DB-624

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9109.D

Date : 20-JUL-2007 16:59

Client ID: BFB5A

Instrument: v5.i

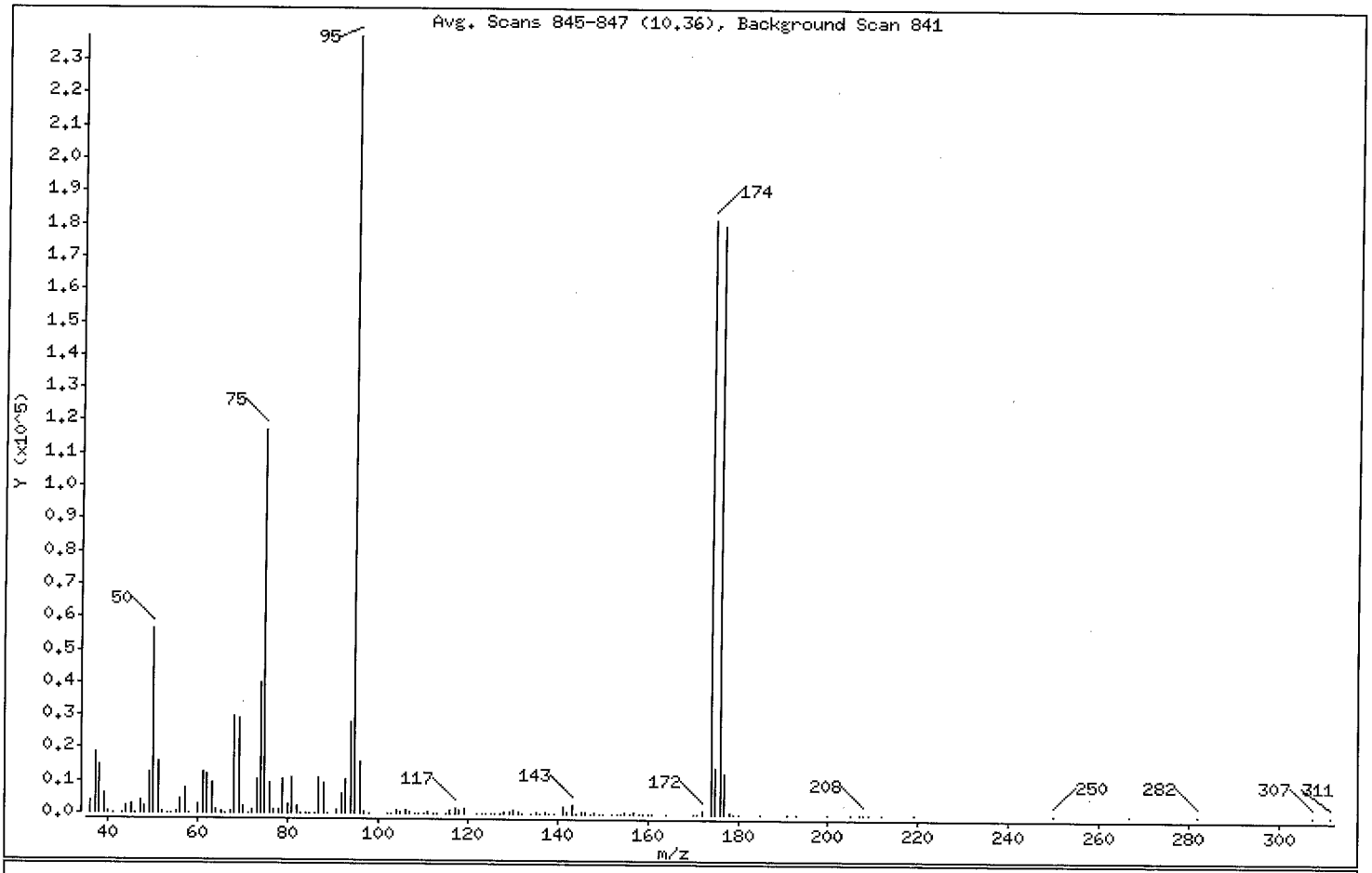
Sample Info: 2UL,BFB5A,BFB5A

Operator: HZA SRC: HZA

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	23.80
75	30.00 - 66.00% of mass 95	49.37
96	5.00 - 9.00% of mass 95	6.58
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	76.44
175	4.00 - 9.00% of mass 174	6.07 (7.93)
176	93.00 - 101.00% of mass 174	75.72 (99.05)
177	5.00 - 9.00% of mass 176	5.22 (6.89)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9109.D

Date : 20-JUL-2007 16:59

Client ID: BFB5A

Instrument: v5.i

Sample Info: 2UL,BFB5A,BFB5A

Operator: HZA SRC: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H9109.D
Spectrum: Avg. Scans 845-847 (10.36), Background Scan 841
Location of Maximum: 95.00
Number of points: 140

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3937	74.00	39952	115.00	247	156.00	100
37.00	18808	75.00	117104	116.00	912	157.00	393
38.00	15019	76.00	9121	117.00	1515	158.00	51
39.00	6202	77.00	1365	118.00	961	159.00	140
40.00	627	78.00	1108	119.00	1388	160.00	52
41.00	104	79.00	10485	122.00	199	161.00	234
43.00	111	80.00	2814	123.00	36	164.00	36
44.00	2190	81.00	10668	124.00	254	170.00	114
45.00	2846	82.00	2316	125.00	121	171.00	44
46.00	179	83.00	248	126.00	48	172.00	1091
47.00	3605	84.00	81	127.00	35	174.00	181312
48.00	2082	85.00	82	128.00	781	175.00	14387
49.00	12412	86.00	111	129.00	435	176.00	179584
50.00	56456	87.00	10994	130.00	1172	177.00	12378
51.00	15836	88.00	9331	131.00	312	178.00	470
52.00	655	89.00	37	132.00	33	179.00	33
53.00	131	91.00	1200	134.00	172	180.00	79
54.00	79	92.00	6267	135.00	492	185.00	37
55.00	764	93.00	10509	136.00	91	191.00	41
56.00	4431	94.00	27728	137.00	517	193.00	81
57.00	7793	95.00	237184	138.00	47	200.00	48
58.00	195	96.00	15602	139.00	192	205.00	42
60.00	2689	97.00	347	141.00	2332	207.00	86
61.00	12838	98.00	169	142.00	304	208.00	137
62.00	11912	102.00	39	143.00	2473	209.00	40
63.00	9456	103.00	150	144.00	120	212.00	37
64.00	893	104.00	1099	145.00	313	219.00	40
65.00	689	105.00	485	146.00	387	250.00	38
66.00	206	106.00	1113	147.00	238	267.00	33
67.00	647	107.00	335	148.00	481	282.00	42
68.00	29304	108.00	37	149.00	189	307.00	41
69.00	28752	109.00	73	150.00	170	311.00	38
70.00	2029	110.00	201	152.00	40		
71.00	164	111.00	286	153.00	132		
72.00	1321	112.00	260	154.00	158		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9109.D

Date : 20-JUL-2007 16:59

Client ID: BFB5A

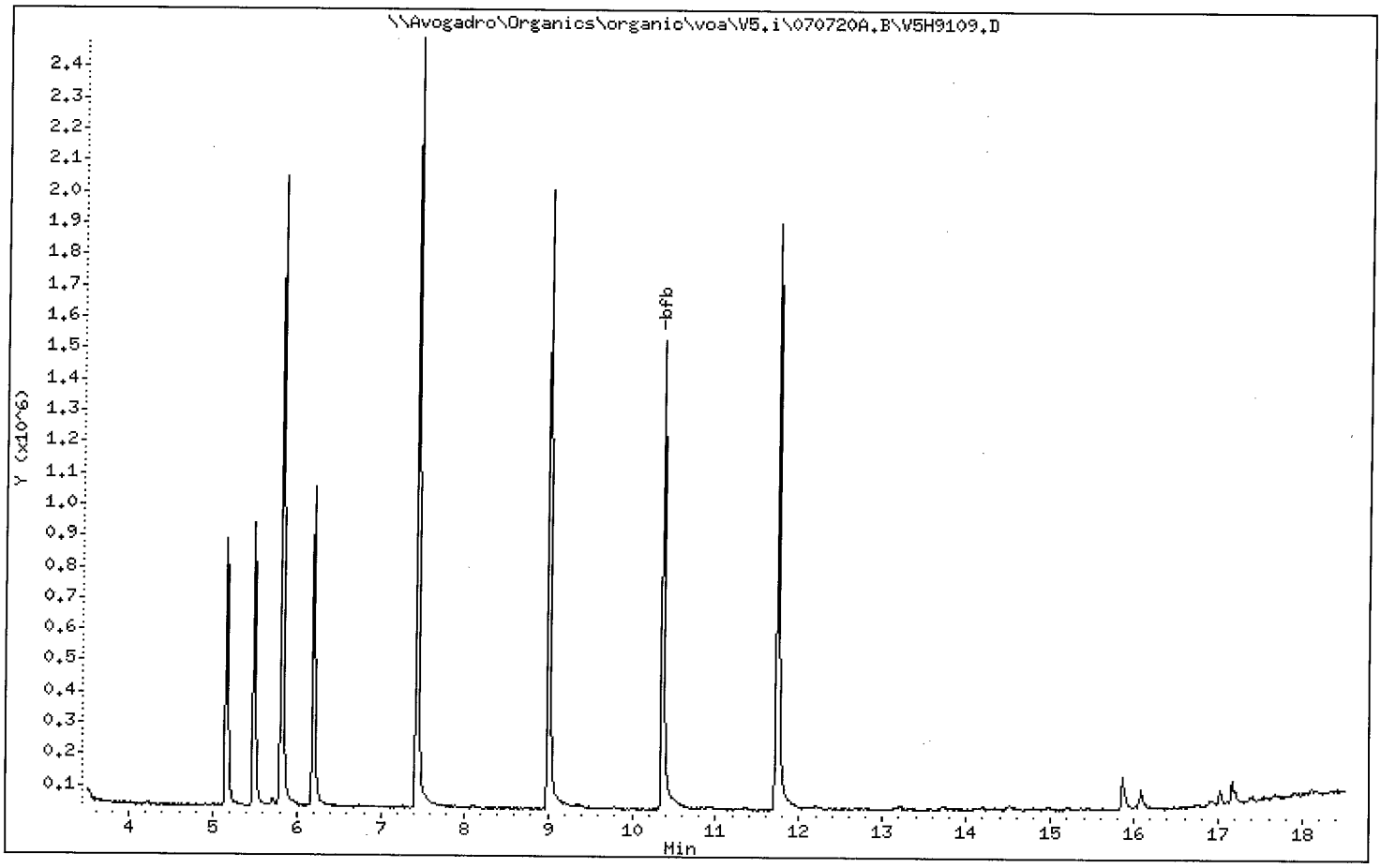
Instrument: v5.i

Sample Info: 2UL,BFB5A,BFB5A

Operator: HZA SRC: HZA

Column phase: DB-624

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9122.D

Date : 22-JUL-2007 13:49

Client ID: BFB5B

Instrument: v5.i

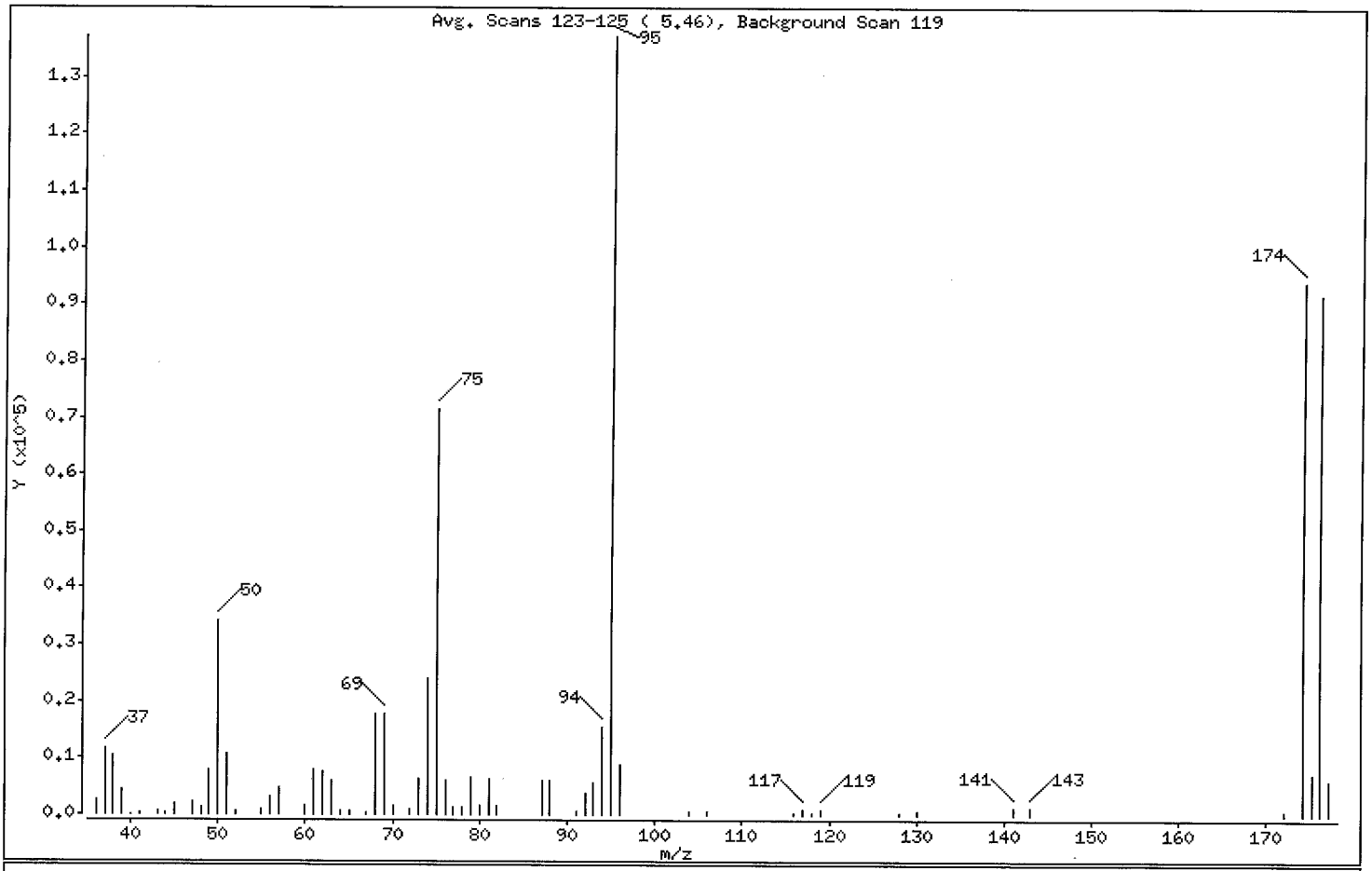
Sample Info: 2UL,BFB5B,BFB5B

Operator: HZA

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	24.97
75	30.00 - 66.00% of mass 95	52.11
96	5.00 - 9.00% of mass 95	6.57
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	68.32
175	4.00 - 9.00% of mass 174	5.33 (7.81)
176	93.00 - 101.00% of mass 174	66.90 (97.91)
177	5.00 - 9.00% of mass 176	4.46 (6.67)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9122.D

Date : 22-JUL-2007 13:49

Client ID: BFB5B

Instrument: v5.i

Sample Info: 2UL,BFB5B,BFB5B

Operator: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H9122.D
Spectrum: Avg. Scans 123-125 (5.46), Background Scan 119
Location of Maximum: 95.00
Number of points: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2648	56.00	3028	76.00	5980	106.00	560
37.00	11829	57.00	4859	77.00	1179	116.00	393
38.00	10341	60.00	1626	78.00	1131	117.00	966
39.00	4361	61.00	7867	79.00	6511	118.00	454
40.00	4	62.00	7557	80.00	1551	119.00	843
41.00	448	63.00	5920	81.00	6417	128.00	458
43.00	593	64.00	507	82.00	1443	130.00	475
44.00	333	65.00	748	87.00	5972	141.00	1275
45.00	1974	67.00	439	88.00	5906	143.00	1385
47.00	2302	68.00	17696	91.00	682	172.00	691
48.00	1223	69.00	17744	92.00	3682	174.00 *	93752
49.00	7765	70.00	1492	93.00	5737	175.00	7320
50.00	34256	72.00	895	94.00	15636	176.00	91792
51.00	10820	73.00	6463	95.00	137216	177.00	6120
52.00	572	74.00	24136	96.00	9010		
55.00	862	75.00	71504	104.00	506		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9122.D

Date : 22-JUL-2007 13:49

Client ID: BFB5B

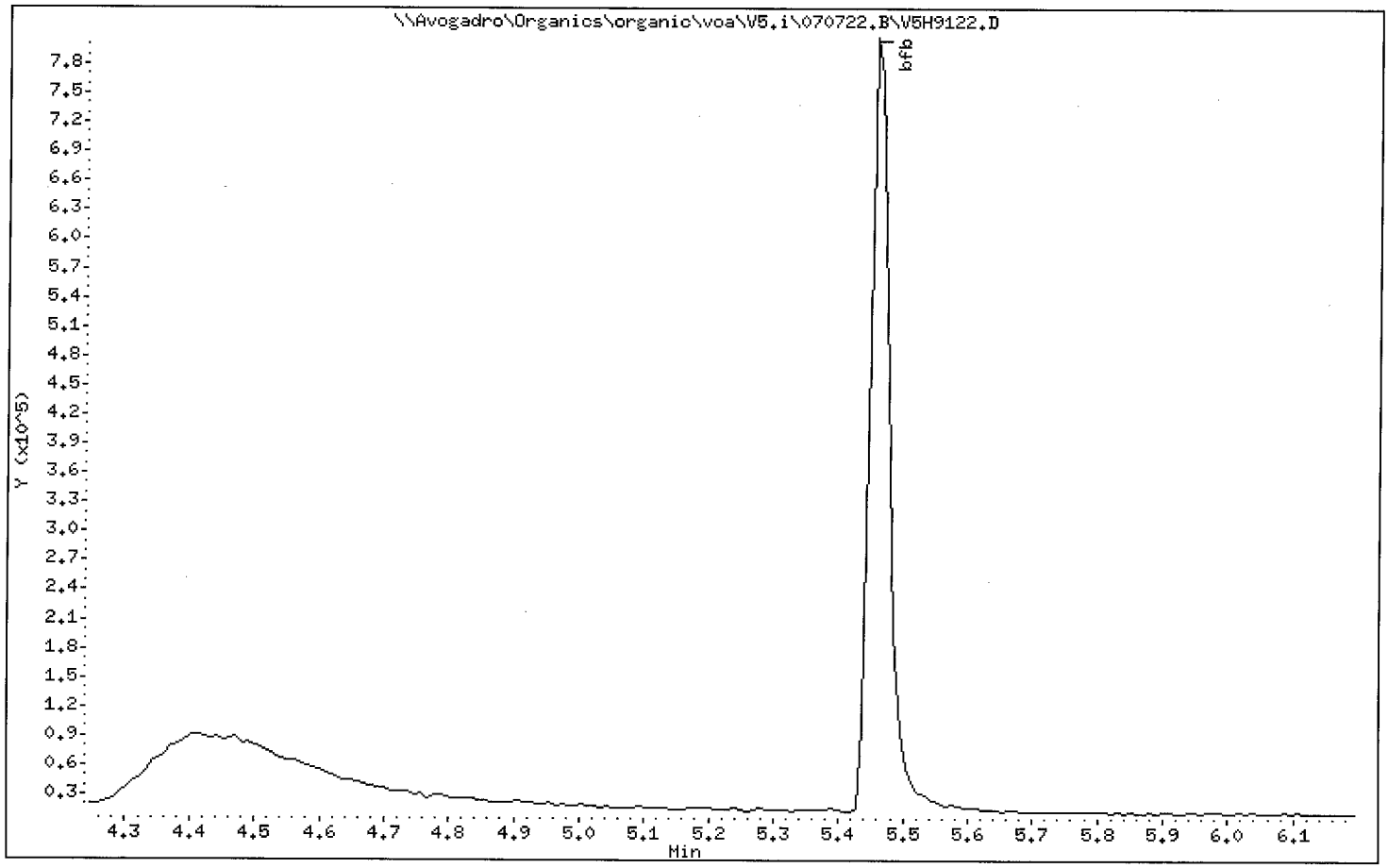
Instrument: v5.i

Sample Info: 2UL,BFB5B,BFB5B

Operator: HZA

Column phase: DB-624

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9130A.D

Date : 23-JUL-2007 10:52

Client ID: BFB5C

Instrument: v5.i

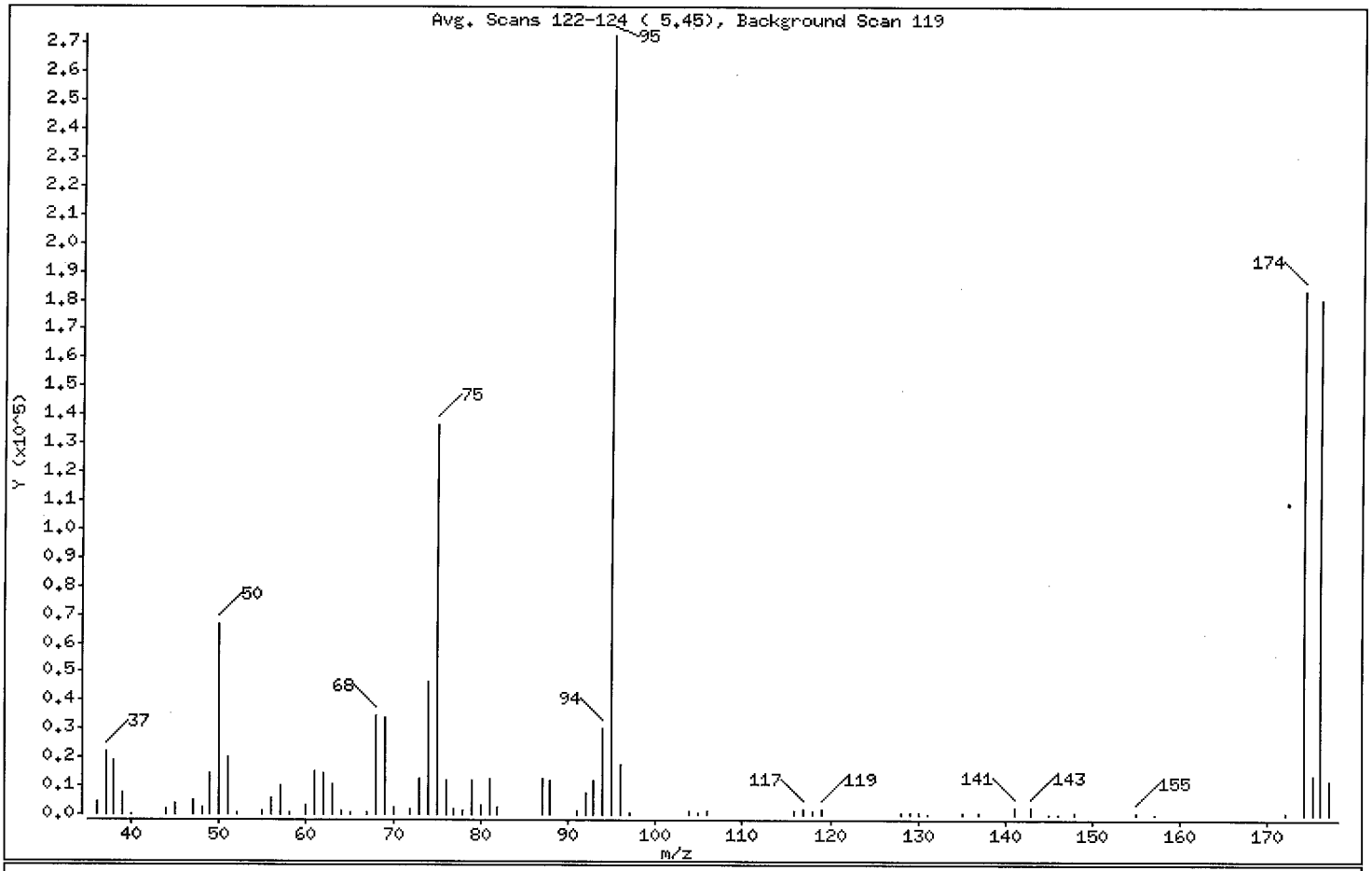
Sample Info: 2UL,BFB5C,BFB5C

Operator: HZA

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	24.45
75	30.00 - 66.00% of mass 95	49.96
96	5.00 - 9.00% of mass 95	6.55
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	67.17
175	4.00 - 9.00% of mass 174	5.10 (7.59)
176	93.00 - 101.00% of mass 174	66.09 (98.39)
177	5.00 - 9.00% of mass 176	4.41 (6.68)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9130A.D

Date : 23-JUL-2007 10:52

Client ID: BFB5C

Instrument: v5.i

Sample Info: 2UL,BFB5C,BFB5C

Operator: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H9130A.D

Spectrum: Avg. Scans 122-124 (5.45), Background Scan 119

Location of Maximum: 95.00

Number of points: 72

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	4575	62.00	14505	87.00	12491	131.00	180
37.00	22296	63.00	10857	88.00	11973	135.00	451
38.00	18656	64.00	1187	91.00	1172	137.00	410
39.00	7305	65.00	746	92.00	7257	141.00	2467
40.00	67	67.00	772	93.00	11849	143.00	2646
44.00	2164	68.00	34776	94.00	30304	145.00	170
45.00	3603	69.00	34008	95.00	272704	146.00	200
47.00	5007	70.00	2664	96.00	17872	148.00	597
48.00	2488	72.00	1811	97.00	416	155.00	511
49.00	14240	73.00	12773	104.00	1390	157.00	183
50.00	66680	74.00	46336	105.00	396	172.00	807
51.00	20400	75.00	136256	106.00	1200	174.00	183168
52.00	866	76.00	11751	116.00	1107	175.00	13902
55.00	1062	77.00	1843	117.00	1735	176.00	180224
56.00	5866	78.00	1437	118.00	1027	177.00	12030
57.00	9903	79.00	12166	119.00	1588		
58.00	426	80.00	3244	128.00	828		
60.00	3064	81.00	12472	129.00	368		
61.00	15095	82.00	2530	130.00	870		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9130A.D

Date : 23-JUL-2007 10:52

Client ID: BFB5C

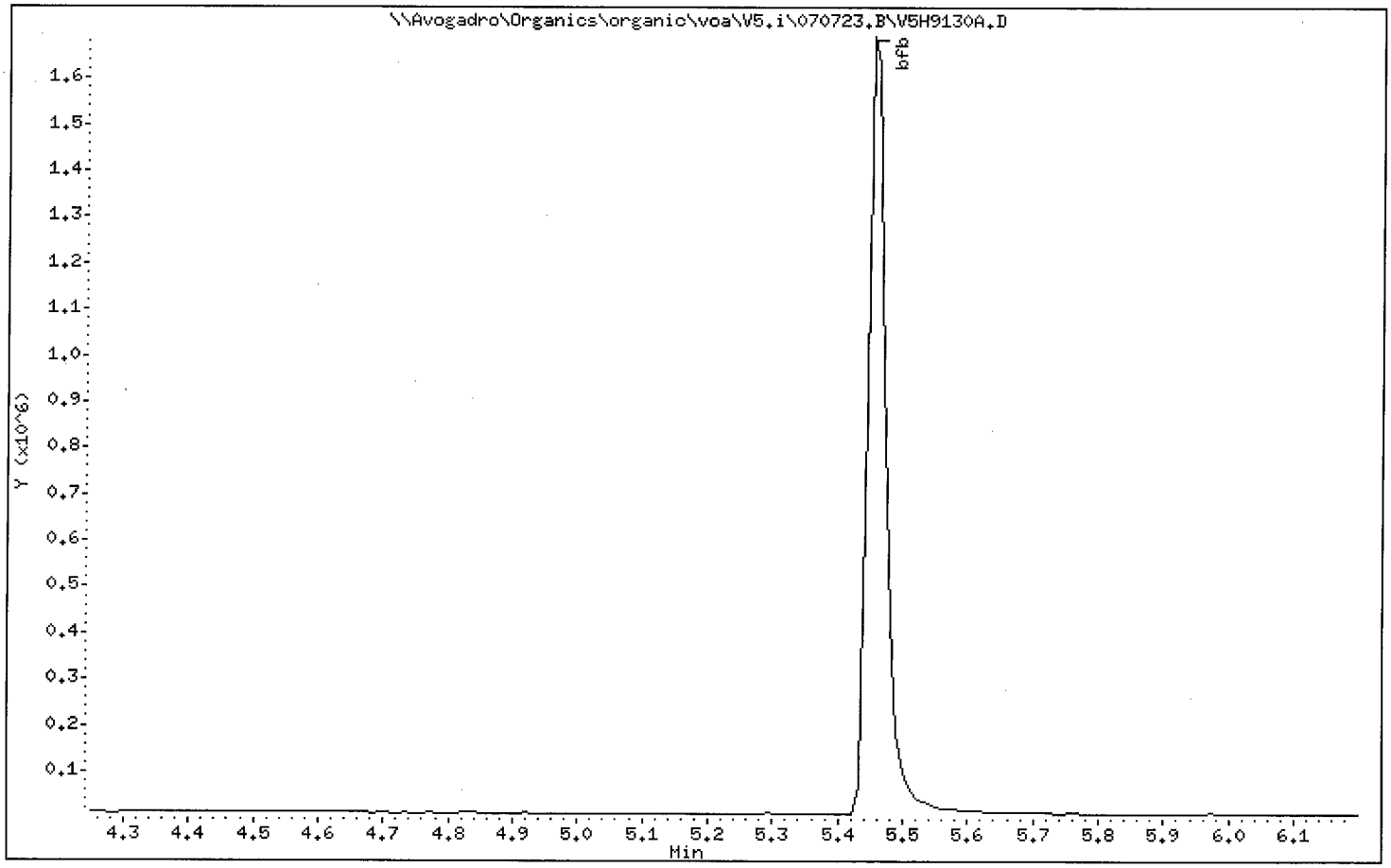
Instrument: v5.i

Sample Info: 2UL,BFB5C,BFB5C

Operator: HZA

Column phase: DB-624

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9160.D

Date : 24-JUL-2007 11:16

Client ID: BFB5D

Instrument: v5.i

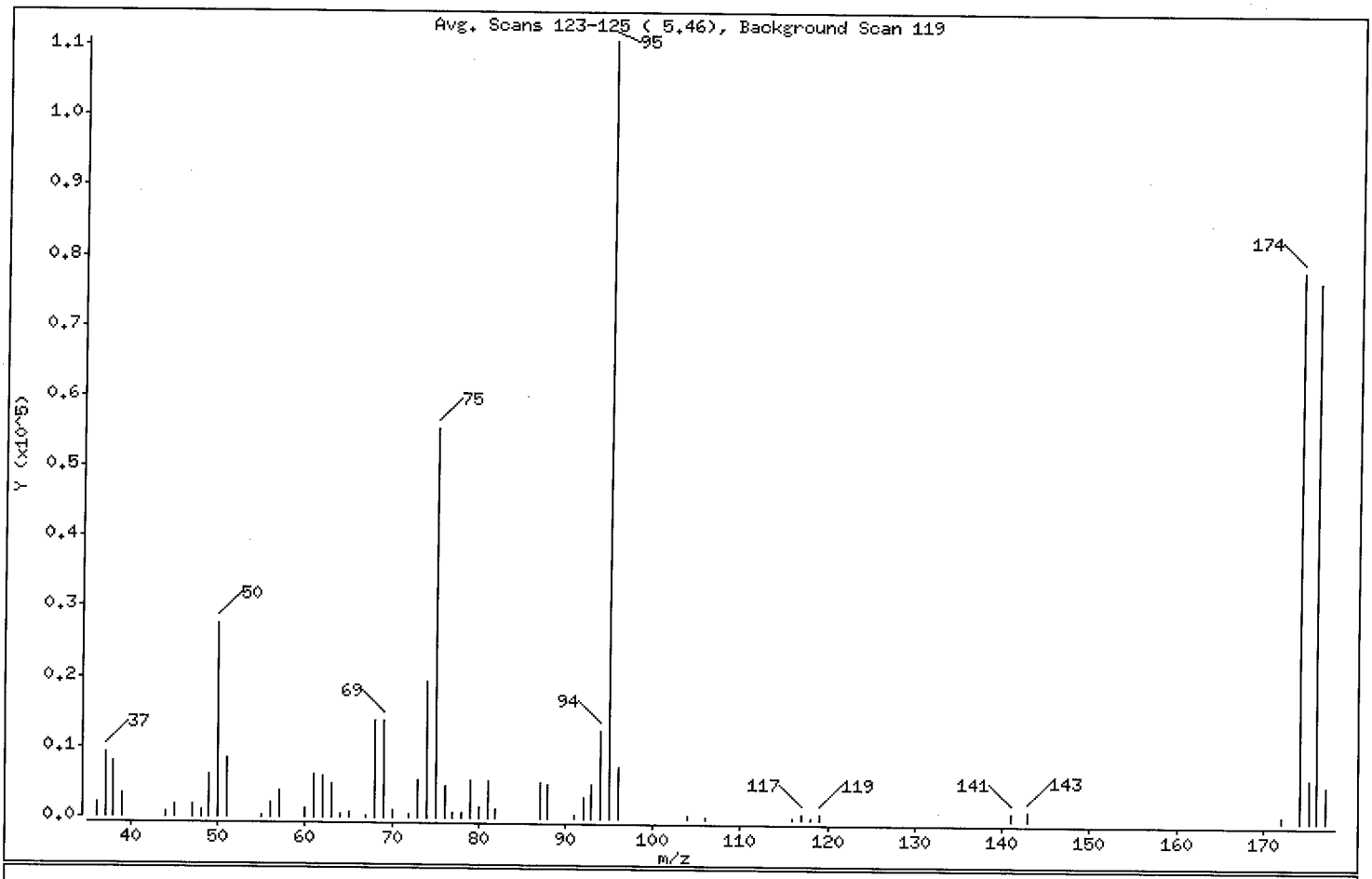
Sample Info: 2UL,BFB5D,BFB5D

Operator: HZA

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	24.79
75	30.00 - 66.00% of mass 95	50.01
96	5.00 - 9.00% of mass 95	6.61
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	70.84
175	4.00 - 9.00% of mass 174	5.51 (7.78)
176	93.00 - 101.00% of mass 174	69.29 (97.81)
177	5.00 - 9.00% of mass 176	4.58 (6.62)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9160.D

Date : 24-JUL-2007 11:16

Client ID: BFB5D

Instrument: v5.i

Sample Info: 2UL,BFB5D,BFB5D

Operator: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H9160.D

Spectrum: Avg. Scans 123-125 (5.46), Background Scan 119

Location of Maximum: 95.00

Number of points: 56

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2097	61.00	6203	78.00	697	116.00	167
37.00	9315	62.00	5917	79.00	5463	117.00	648
38.00	7805	63.00	4729	80.00	1552	118.00	376
39.00	3263	64.00	564	81.00	5357	119.00	696
44.00	839	65.00	698	82.00	1183	141.00	1099
45.00	1686	67.00	179	87.00	5127	143.00	1232
47.00	1766	68.00	13664	88.00	4874	172.00	737
48.00	949	69.00	13796	91.00	552	174.00	78480
49.00	6216	70.00	1046	92.00	3031	175.00	6106
50.00	27464	72.00	463	93.00	4862	176.00	76760
51.00	8316	73.00	5392	94.00	12579	177.00	5078
55.00	172	74.00	19472	95.00	110784		
56.00	2099	75.00	55400	96.00	7320		
57.00	3931	76.00	4712	104.00	631		
60.00	1401	77.00	817	106.00	381		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9160.D

Date : 24-JUL-2007 11:16

Client ID: BFB5D

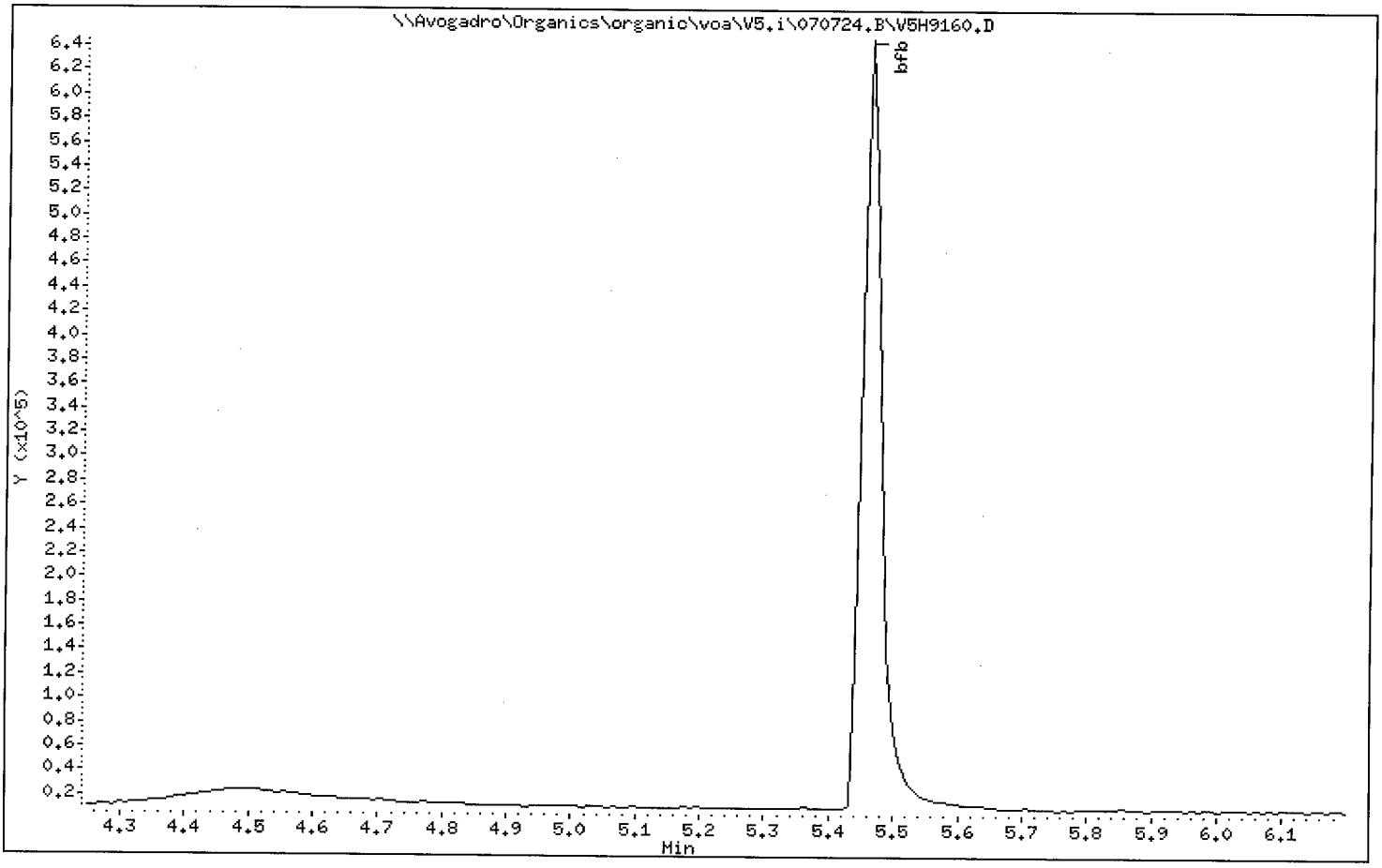
Instrument: v5.i

Sample Info: 2UL,BFB5D,BFB5D

Operator: HZA

Column phase: DB-624

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9407.D

Date : 01-AUG-2007 14:00

Client ID: BFB5X

Instrument: v5.i

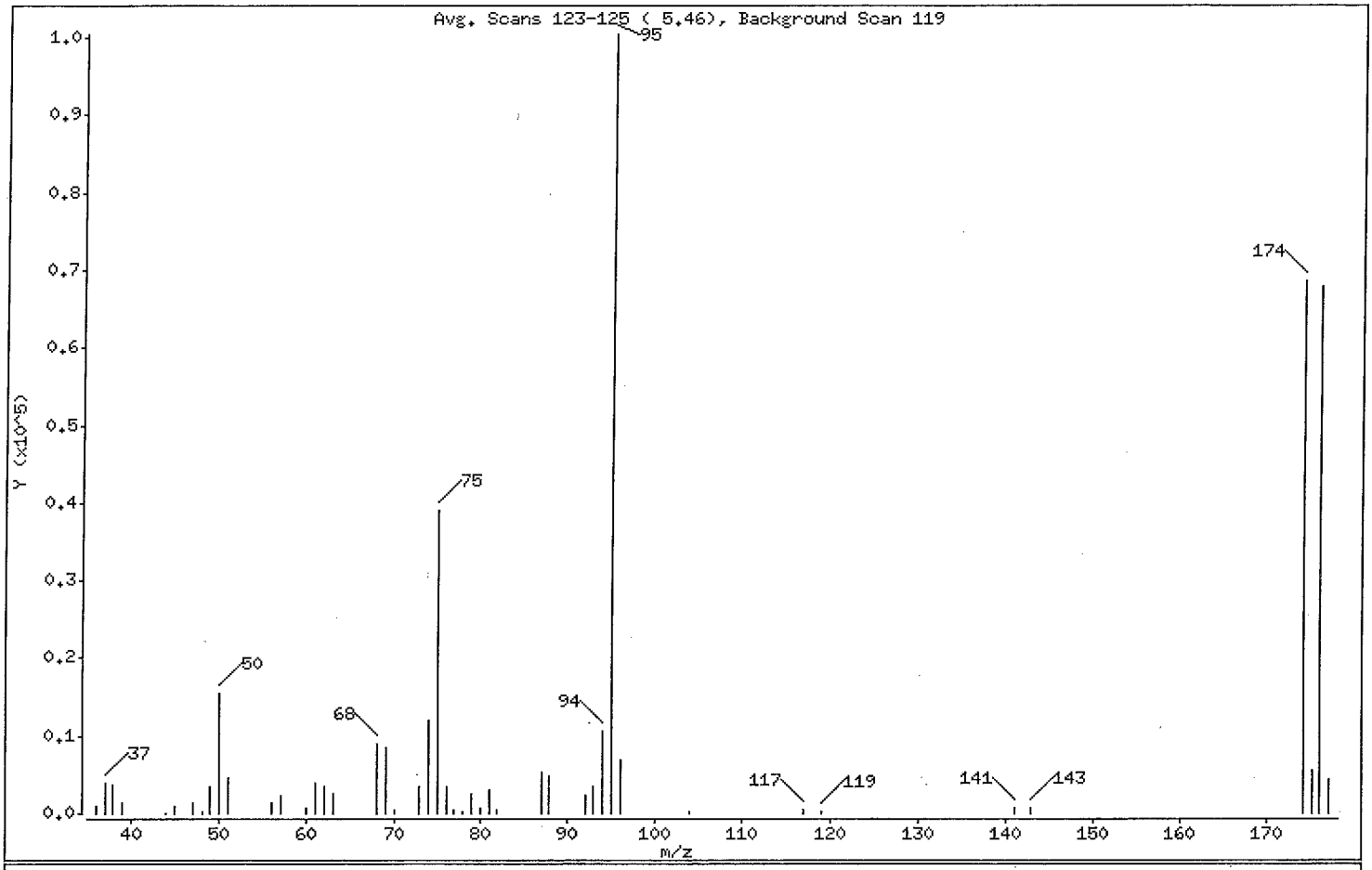
Sample Info: 2UL,BFB5X,BFB5X

Operator: HZA

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	15.35
75	30.00 - 66.00% of mass 95	38.92
96	5.00 - 9.00% of mass 95	6.93
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	68.19
175	4.00 - 9.00% of mass 174	5.62 (8.23)
176	93.00 - 101.00% of mass 174	67.64 (99.18)
177	5.00 - 9.00% of mass 176	4.33 (6.40)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9407.D

Date : 01-AUG-2007 14:00

Client ID: BFB5X

Instrument: v5.i

Sample Info: 2UL,BFB5X,BFB5X

Operator: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H9407.D
Spectrum: Avg. Scans 123-125 (5.46), Background Scan 119
Location of Maximum: 95.00
Number of points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1012	57.00	2312	77.00	532	96.00	6969
37.00	3990	60.00	670	78.00	181	104.00	215
38.00	3735	61.00	3834	79.00	2609	117.00	398
39.00	1325	62.00	3422	80.00	683	119.00	186
44.00	31	63.00	2567	81.00	2908	141.00	735
45.00	820	68.00	9074	82.00	387	143.00	768
47.00	1351	69.00	8517	87.00	5265	174.00	68544
48.00	211	70.00	521	88.00	4841	175.00	5644
49.00	3380	73.00	3381	92.00	2351	176.00	67984
50.00	15433	74.00	12032	93.00	3568	177.00	4349
51.00	4648	75.00	39120	94.00	10553		
56.00	1393	76.00	3517	95.00	100512		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070801A.B\V5H9407.D

Date : 01-AUG-2007 14:00

Client ID: BFB5X

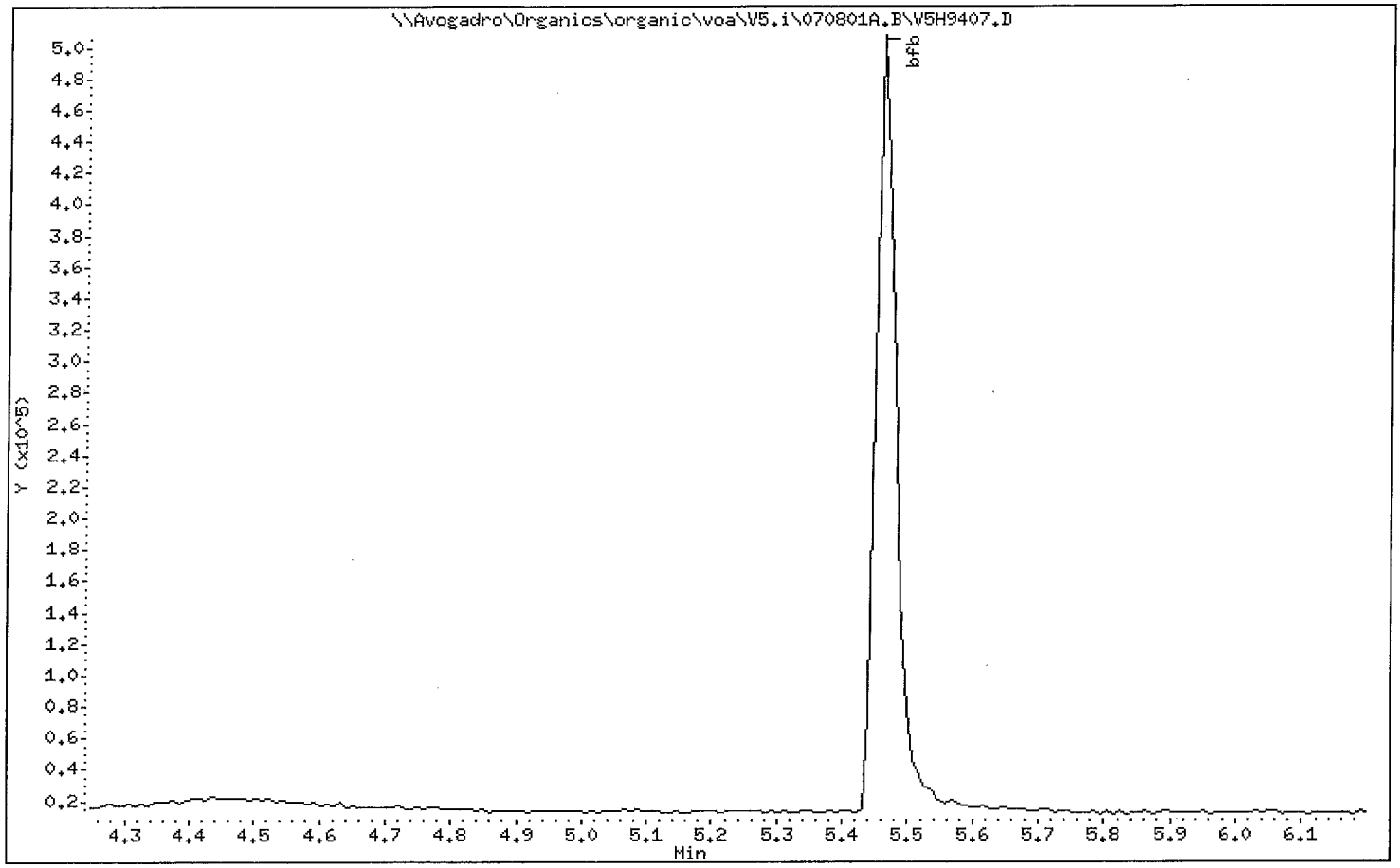
Instrument: v5.i

Sample Info: 2UL,BFB5X,BFB5X

Operator: HZA

Column phase: DB-624

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9462.D

Date : 02-AUG-2007 23:02

Client ID: BFB5Z

Instrument: v5.i

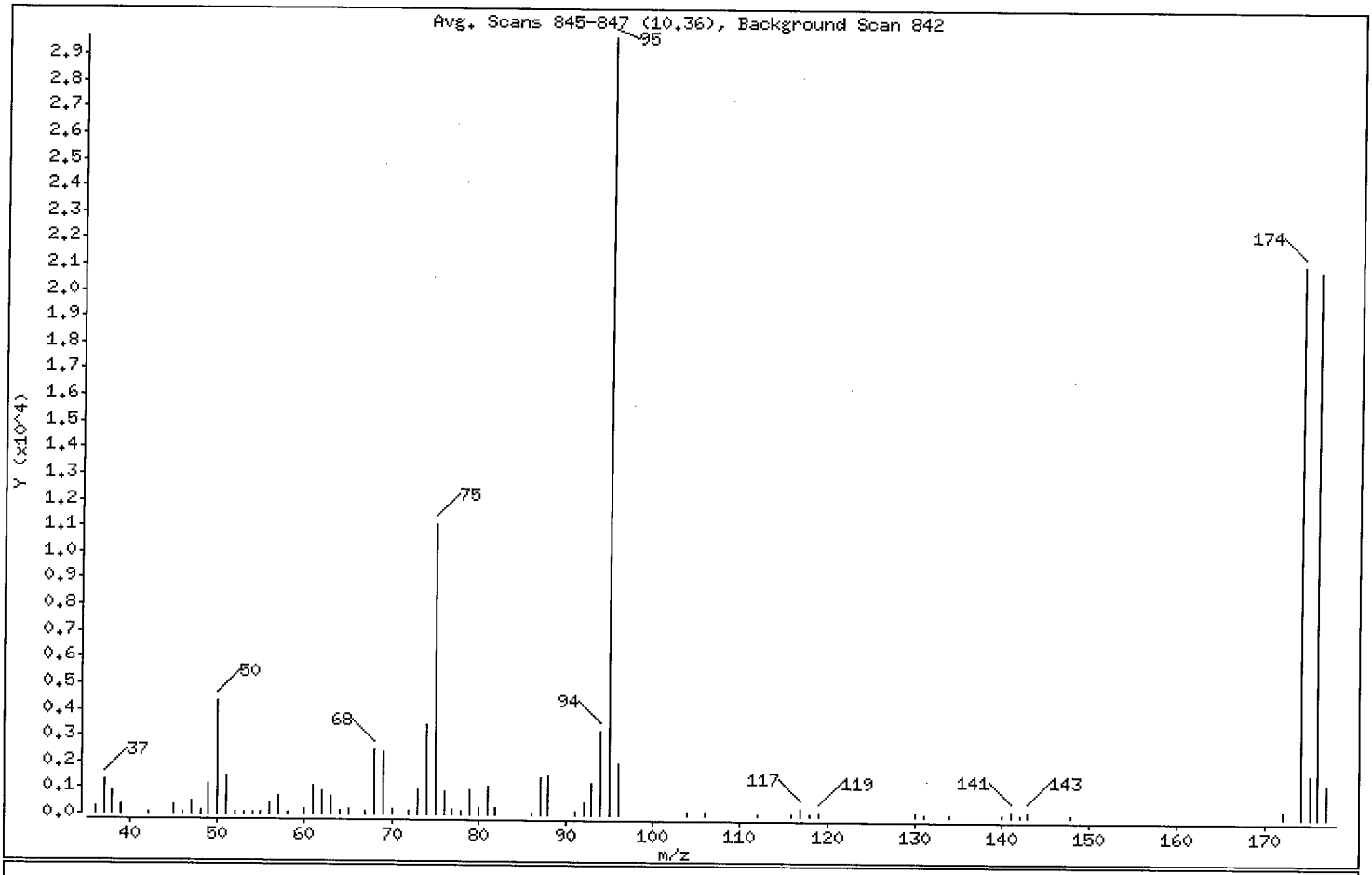
Sample Info: 2UL,BFB5Z,BFB5Z

Operator: HZA SRC: HZA

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	14.43
75	30.00 - 66.00% of mass 95	37.43
96	5.00 - 9.00% of mass 95	6.57
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	71.06
175	4.00 - 9.00% of mass 174	5.43 (7.64)
176	93.00 - 101.00% of mass 174	70.22 (98.82)
177	5.00 - 9.00% of mass 176	4.29 (6.12)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9462.D

Date : 02-AUG-2007 23:02

Client ID: BFB5Z

Instrument: v5.i

Sample Info: 2UL,BFB5Z,BFB5Z

Operator: HZA SRC: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H9462.D

Spectrum: Avg. Scans 845-847 (10.36), Background Scan 842

Location of Maximum: 95.00

Number of points: 69

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	298	58.00	36	79.00	935	118.00	79
37.00	1300	60.00	230	80.00	306	119.00	169
38.00	913	61.00	1090	81.00	1085	130.00	138
39.00	376	62.00	916	82.00	283	131.00	42
42.00	40	63.00	667	86.00	54	134.00	39
45.00	354	64.00	142	87.00	1415	140.00	60
46.00	79	65.00	190	88.00	1486	141.00	176
47.00	465	67.00	112	91.00	123	142.00	102
48.00	164	68.00	2438	92.00	511	143.00	233
49.00	1168	69.00	2395	93.00	1232	148.00	77
50.00	4284	70.00	213	94.00	3226	172.00	259
51.00	1433	72.00	160	95.00	29688	174.00	21096
52.00	54	73.00	961	96.00	1951	175.00	1611
53.00	35	74.00	3396	104.00	141	176.00	20848
54.00	73	75.00	11111	106.00	166	177.00	1275
55.00	80	76.00	908	112.00	42		
56.00	433	77.00	215	116.00	79		
57.00	666	78.00	156	117.00	263		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9462.D

Date : 02-AUG-2007 23:02

Client ID: BFB5Z

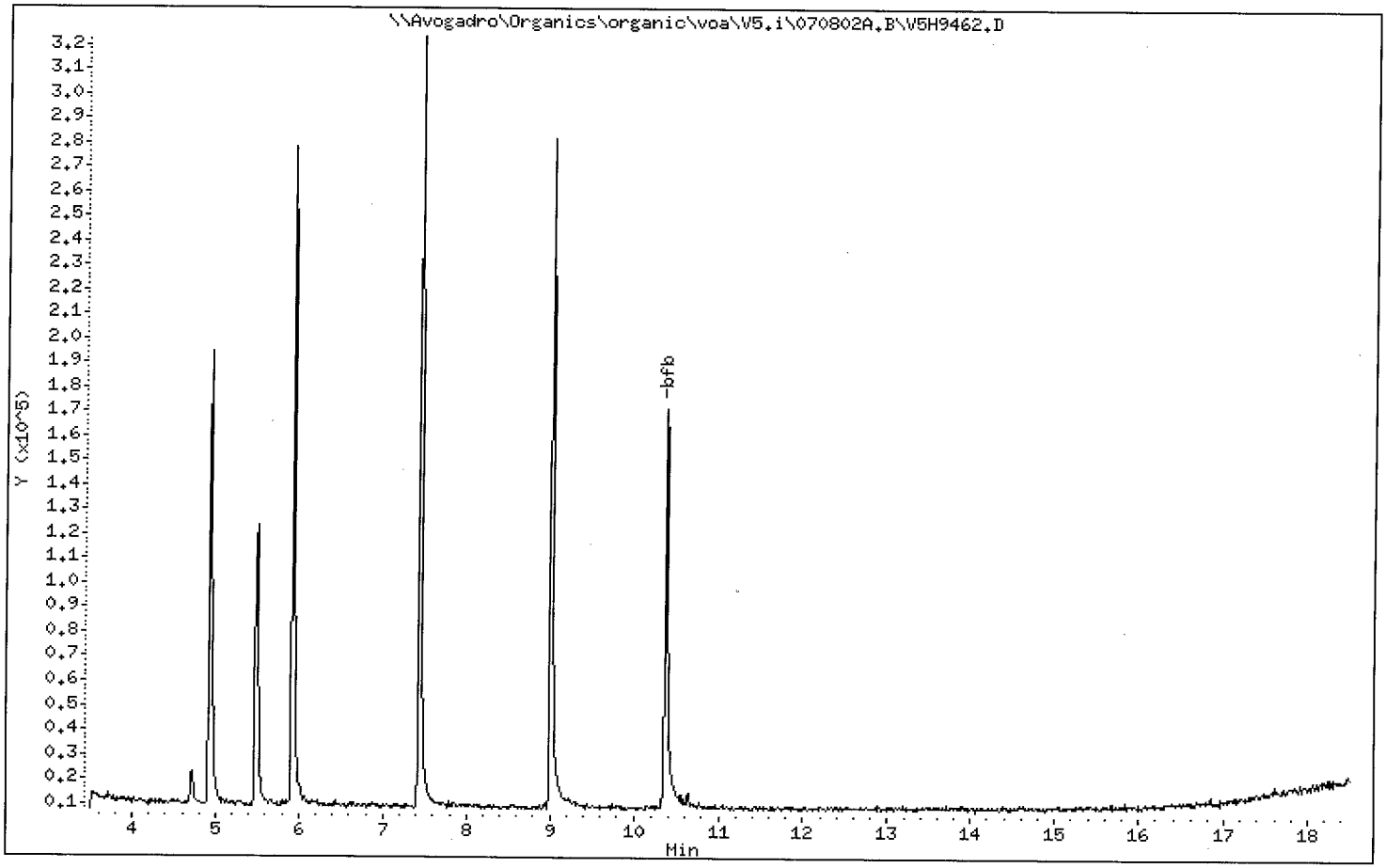
Instrument: v5.i

Sample Info: 2UL,BFB5Z,BFB5Z

Operator: HZA SRC: HZA

Column phase: DB-624

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9570.D

Date : 09-AUG-2007 12:04

Client ID: BFBF5

Instrument: v5.i

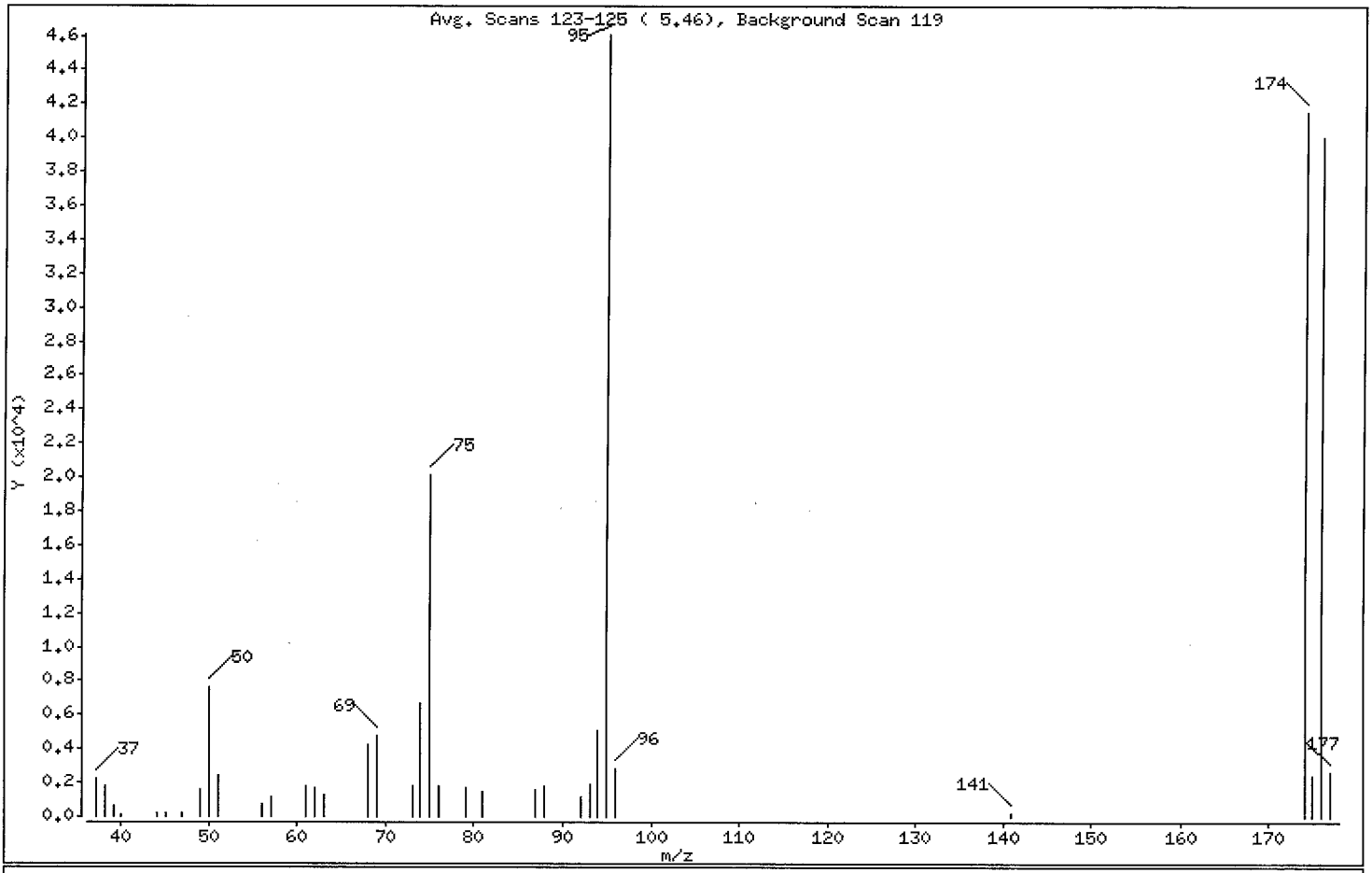
Sample Info: 2UL,BFBF5,BFBF5

Operator: HZA SRC: HZA

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	16.59
75	30.00 - 66.00% of mass 95	43.68
96	5.00 - 9.00% of mass 95	6.14
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 120.00% of mass 95	90.19
175	4.00 - 9.00% of mass 174	5.25 (5.83)
176	93.00 - 101.00% of mass 174	86.96 (96.42)
177	5.00 - 9.00% of mass 176	5.64 (6.49)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9570.D

Date : 09-AUG-2007 12:04

Client ID: BFBF5

Instrument: v5.i

Sample Info: 2UL,BFBF5,BFBF5

Operator: HZA SRC: HZA

Column phase: DB-624

Column diameter: 0.25

Data File: V5H9570.D

Spectrum: Avg. Scans 123-125 (5.46), Background Scan 119

Location of Maximum: 95.00

Number of points: 35

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	2183	51.00	2421	74.00	6691	94.00	5118
38.00	1797	56.00	738	75.00	20120	95.00	46064
39.00	687	57.00	1179	76.00	1766	96.00	2829
40.00	78	61.00	1829	79.00	1645	141.00	175
44.00	193	62.00	1745	81.00	1486	174.00	41544
45.00	183	63.00	1309	87.00	1613	175.00	2420
47.00	170	68.00	4263	88.00	1782	176.00	40056
49.00	1559	69.00	4720	92.00	1178	177.00	2600
50.00	7641	73.00	1777	93.00	1899		

Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9570.D

Date : 09-AUG-2007 12:04

Client ID: BFBF5

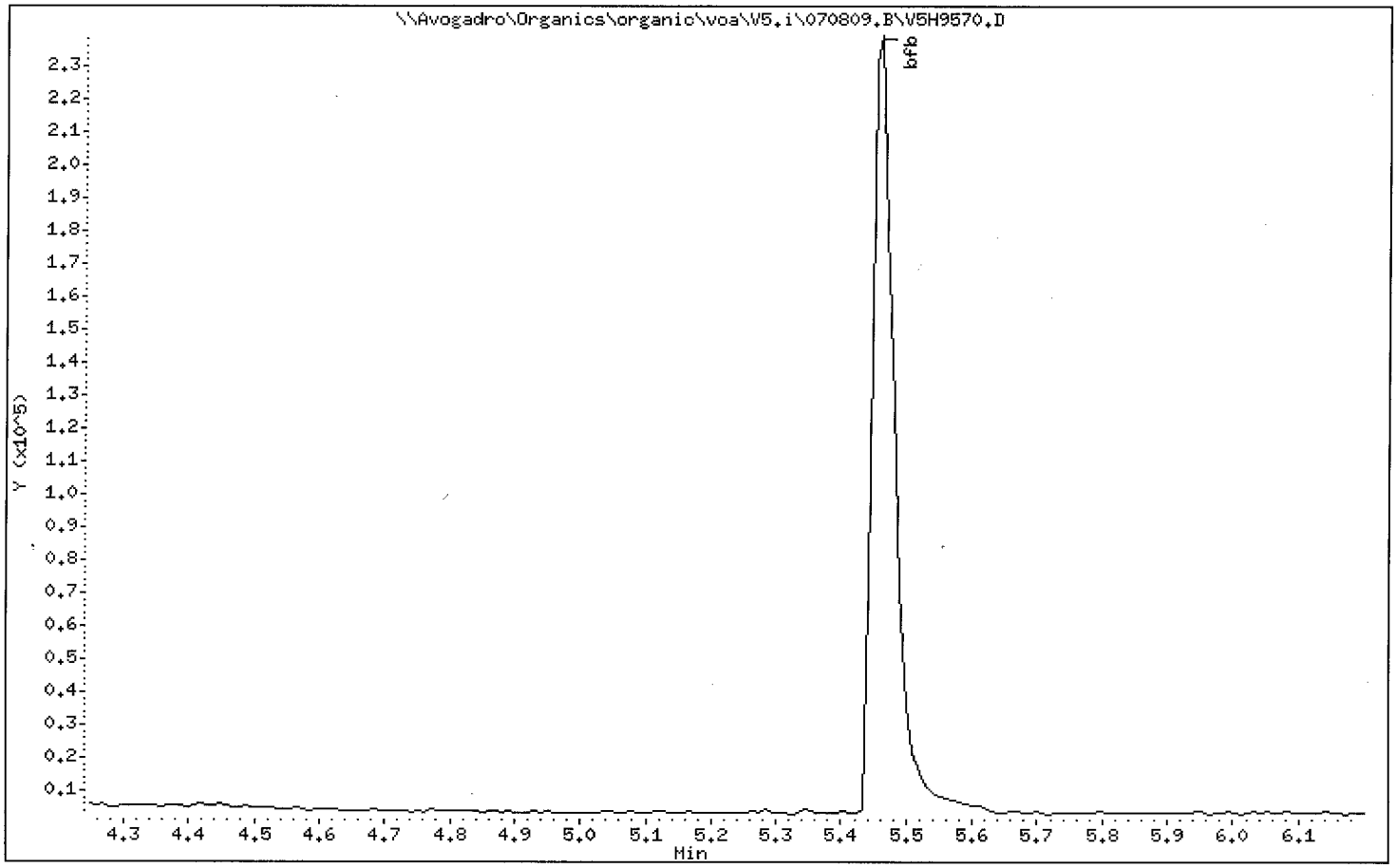
Instrument: v5.i

Sample Info: 2UL,BFBF5,BFBF5

Operator: HZA SRC: HZA

Column phase: DB-624

Column diameter: 0.25



1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKY5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31278

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9074

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

% Moisture: not dec. _____ Date Analyzed: 07/19/07

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/KG	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.

VBLKY5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31278

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9074

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

% Moisture: not dec. _____ Date Analyzed: 07/19/07

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/KG	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

VBLKY5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31278

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9074

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

% Moisture: not dec. _____ Date Analyzed: 07/19/07

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/Kg

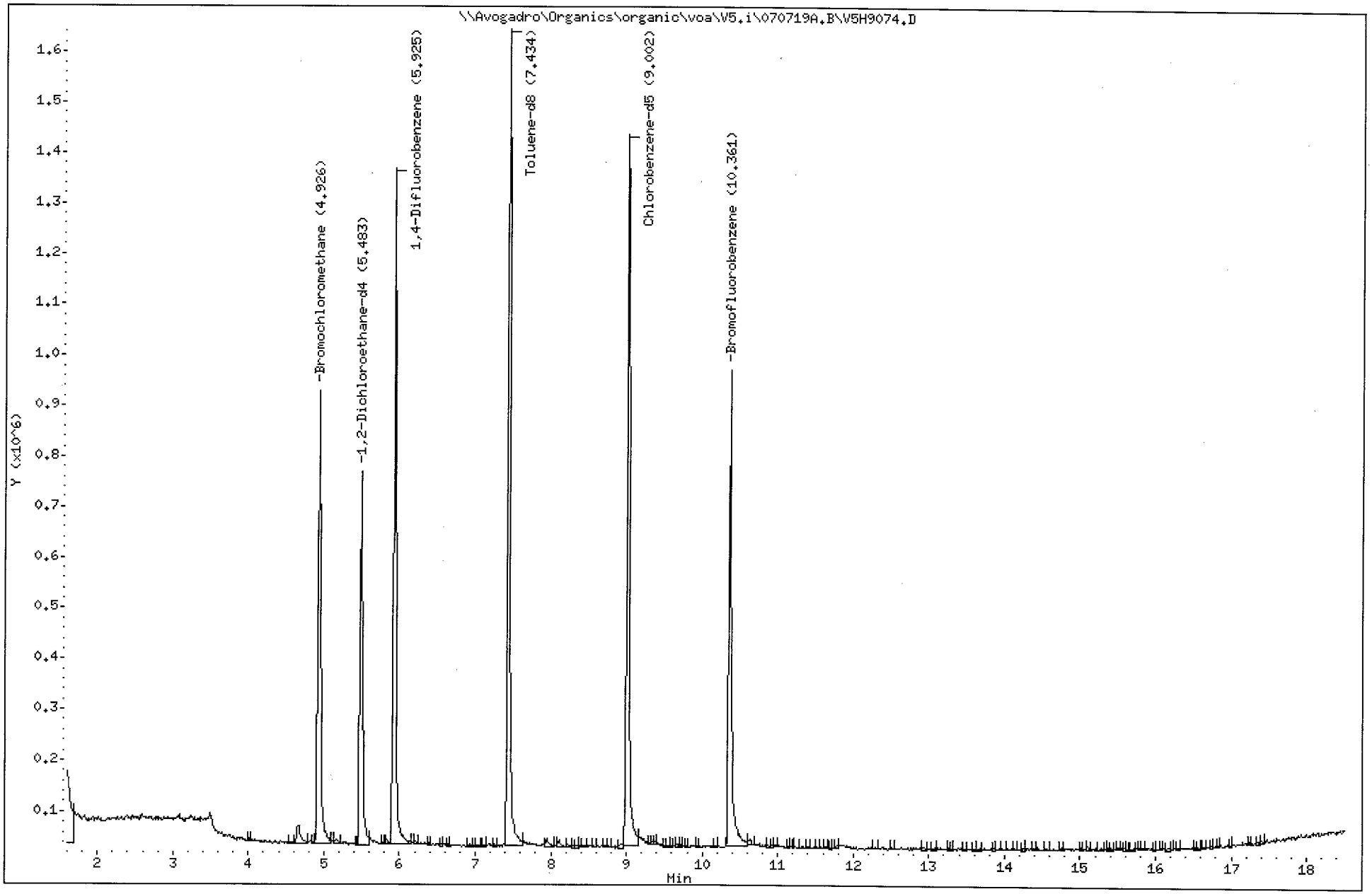
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9074.D
Date : 19-JUL-2007 23:02
Client ID: VBLKY5
Sample Info: 5G,MB-31278,VBLKY5,31278

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



Data File: V5H9074.D
Report Date: 08-Aug-2007 14:33

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9074.D
Lab Smp Id: MB-31278 Client Smp ID: VBLKY5
Inj Date : 19-JUL-2007 23:02
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,MB-31278,VBLKY5,31278
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\v5clp4h.m
Meth Date : 25-Jul-2007 16:04 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 22:32 Cal File: V5H9073.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.937	4.936	(1.000)	275412	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.483	5.482	(1.111)	639266	52.2738	52
* 26 1,4-Difluorobenzene	114	5.924	5.923	(1.000)	1121157	50.0000	
$ 33 Toluene-d8	98	7.434	7.433	(0.826)	1179879	56.7782	57
* 42 Chlorobenzene-d5	117	9.002	9.000	(1.000)	984265	50.0000	
$ 50 Bromofluorobenzene	95	10.360	10.359	(1.151)	446220	50.1985	50

IW 8/31/07

Data File: V5H9074.D
Report Date: 08-Aug-2007 14:33

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\V5H9074.D
Lab Smp Id: MB-31278 Client Smp ID: VBLKY5
Inj Date : 19-JUL-2007 23:02
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,MB-31278,VBLKY5,31278
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070719A.B\v5clp4h.m
Meth Date : 25-Jul-2007 16:04 V5.i Quant Type: ISTD
Cal Date : 19-JUL-2007 22:32 Cal File: V5H9073.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK5A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31296

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9111

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

% Moisture: not dec. _____ Date Analyzed: 07/20/07

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/KG	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.

VBLK5A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31296

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9111

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

% Moisture: not dec. _____ Date Analyzed: 07/20/07

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/KG	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

VBLK5A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31296

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9111

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

% Moisture: not dec. _____ Date Analyzed: 07/20/07

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/Kg

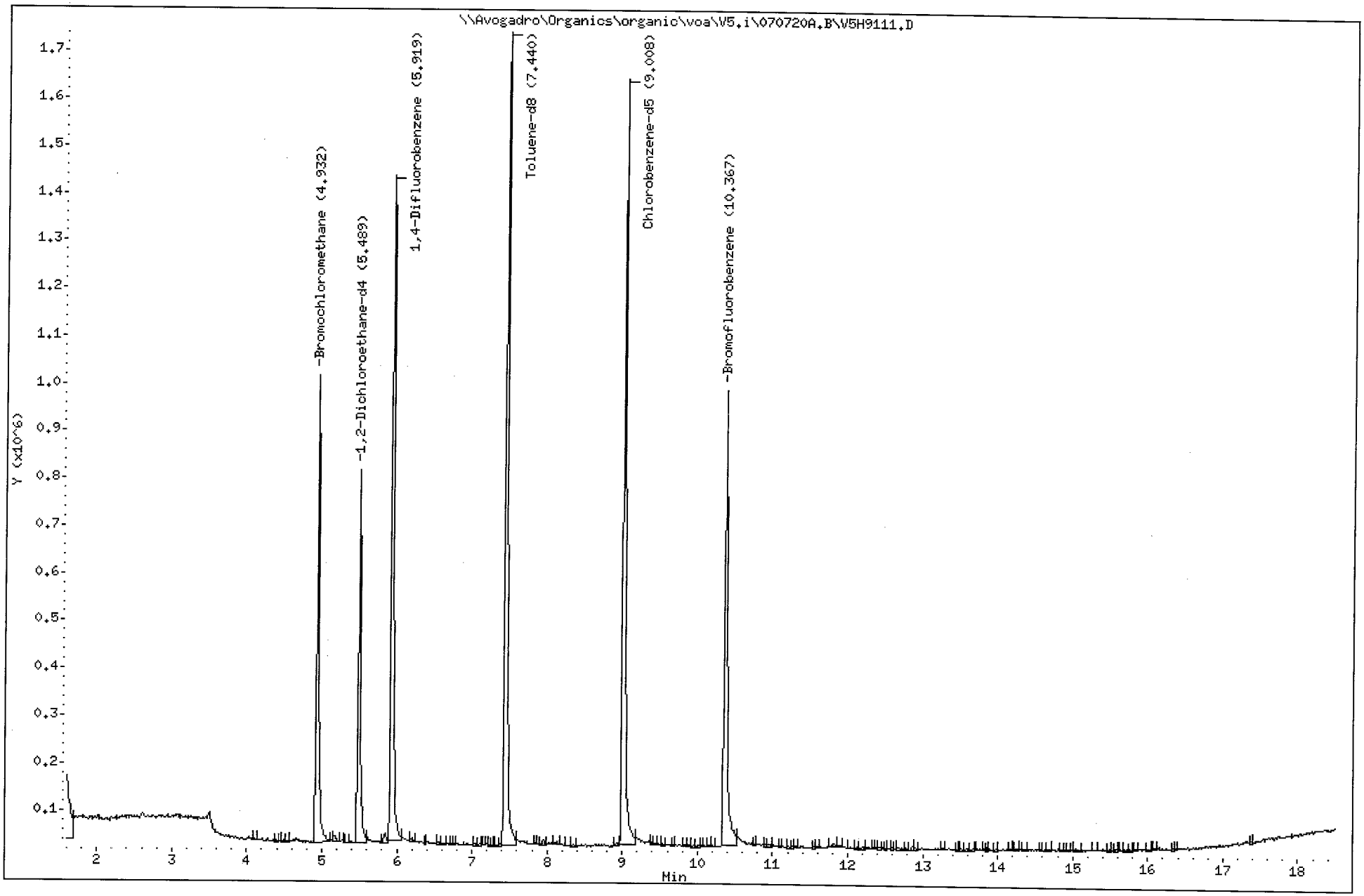
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
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29.					
30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9111.D
Date : 20-JUL-2007 18:00
Client ID: VBLK5A
Sample Info: 5ML,MB-31296,VBLK5A,31296

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



Data File: V5H9111.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9111.D
Lab Smp Id: MB-31296 Client Smp ID: VBLK5A
Inj Date : 20-JUL-2007 18:00
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,MB-31296,VBLK5A,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.931	4.927	(1.000)	285694	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.489	5.485	(1.113)	650899	48.6290	49
* 26 1,4-Difluorobenzene	114	5.919	5.926	(1.000)	1272504	50.0000	
$ 33 Toluene-d8	98	7.440	7.436	(0.826)	1345820	57.3171	57
* 42 Chlorobenzene-d5	117	9.008	9.003	(1.000)	1095565	50.0000	
$ 50 Bromofluorobenzene	95	10.355	10.362	(1.150)	514130	53.1674	53

lm 8/8/07

Data File: V5H9111.D
Report Date: 08-Aug-2007 14:36

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\V5H9111.D
Lab Smp Id: MB-31296 Client Smp ID: VBLK5A
Inj Date : 20-JUL-2007 18:00
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,MB-31296,VBLK5A,31296
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070720A.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:01 V5.i Quant Type: ISTD
Cal Date : 20-JUL-2007 17:30 Cal File: V5H9110.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK5B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: MB-30864

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9124

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

% Moisture: not dec. _____ Date Analyzed: 07/22/07

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.

VBLK5B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: MB-30864

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9124

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

% Moisture: not dec. _____ Date Analyzed: 07/22/07

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

VBLK5B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: MB-30864

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9124

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

% Moisture: not dec. _____ Date Analyzed: 07/22/07

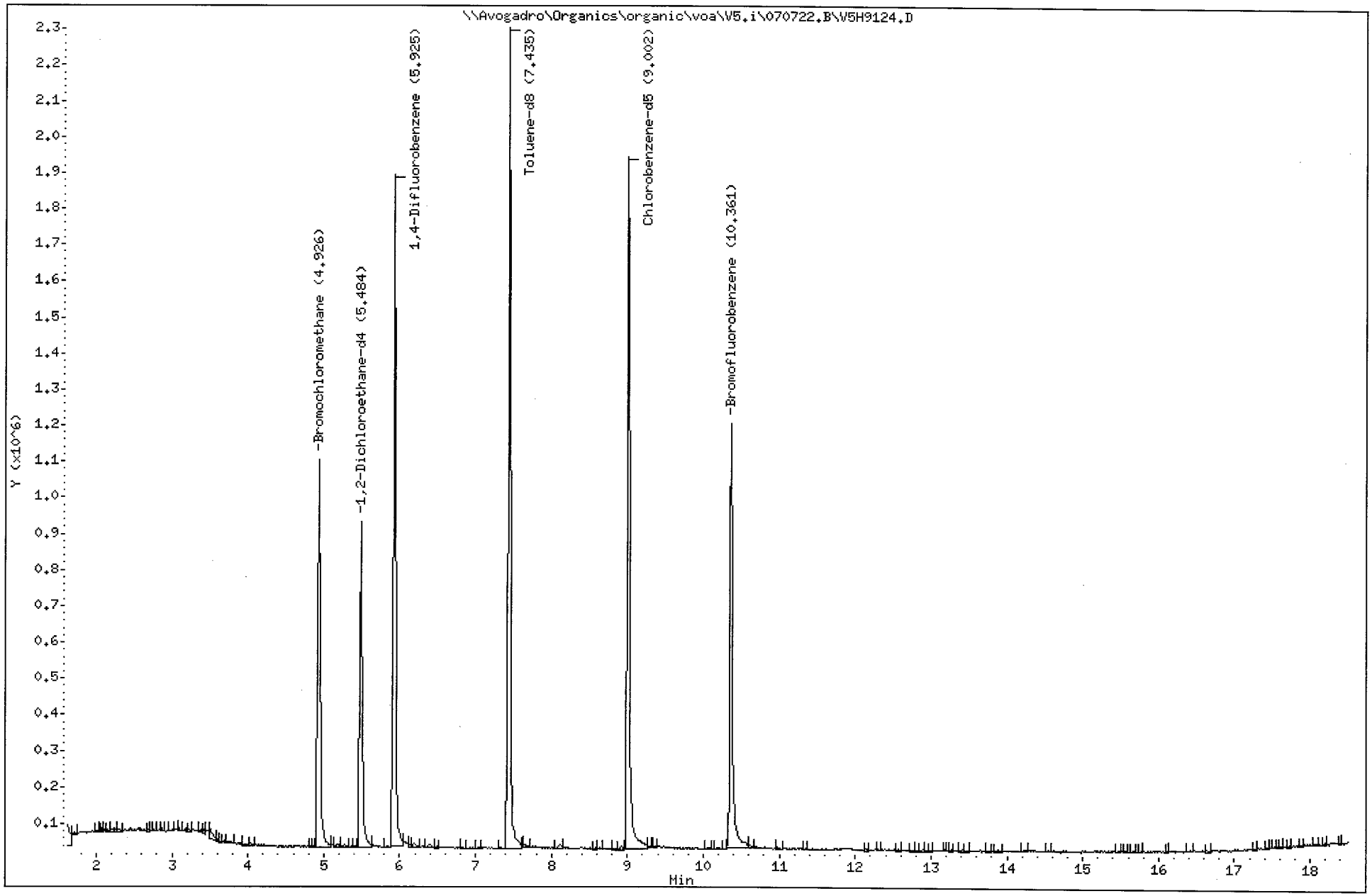
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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.					
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Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9124.D
Date : 22-JUL-2007 14:33
Client ID: VBLK5B
Instrument: V5.i
Sample Info: 5ML,MB-30864,VBLK5B,30864
Purge Volume: 5.0
Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



9139

Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9124.D
Report Date: 08-Aug-2007 14:11

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9124.D
Lab Smp Id: MB-30864 Client Smp ID: VBLK5B
Inj Date : 22-JUL-2007 14:33
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,MB-30864,VBLK5B,30864
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070722.B\v5clp4.m
Meth Date : 31-Jul-2007 22:29 V5.i Quant Type: ISTD
Cal Date : 22-JUL-2007 14:05 Cal File: V5H9127A.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 18 Bromochloromethane	128	4.937	4.937	(1.000)	325923	50.0000	
$ 24 1,2-Dichloroethane-d4	65	5.483	5.483	(1.111)	729398	51.6100	52
* 27 1,4-Difluorobenzene	114	5.924	5.924	(1.000)	1473228	50.0000	
$ 35 Toluene-d8	98	7.434	7.434	(0.826)	1576930	49.3556	49
* 43 Chlorobenzene-d5	117	9.002	9.002	(1.000)	1247634	50.0000	
$ 51 Bromofluorobenzene	95	10.361	10.361	(1.151)	535779	44.6958	45

lm 8/8/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9124.D
Report Date: 08-Aug-2007 14:11

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file	: \\Avogadro\Organics\organic\voa\V5.i\070722.B\V5H9124.D		
Lab Smp Id	: MB-30864	Client Smp ID	: VBLK5B
Inj Date	: 22-JUL-2007 14:33		
Operator	: HZA SRC: LIMS	Inst ID	: V5.i
Smp Info	: 5ML,MB-30864,VBLK5B,30864		
Misc Info	:		
Comment	:		
Method	: \\Avogadro\Organics\organic\voa\V5.i\070722.B\v5clp4.m		
Meth Date	: 31-Jul-2007 22:29 V5.i	Quant Type	: ISTD
Cal Date	: 22-JUL-2007 14:05	Cal File	: V5H9127A.D
Als bottle	: 100	QC Sample	: BLANK
Dil Factor	: 1.00000		
Integrator	: HP RTE	Compound Sublist	: CLP4.sub
Target Version	: 4.14		

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK5C

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: MB-31298

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9131

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

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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.

VBLK5C

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: MB-31298

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9131

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

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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

VBLK5C

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: MB-31298

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9131

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

% Moisture: not dec. _____ Date Analyzed: 07/23/07

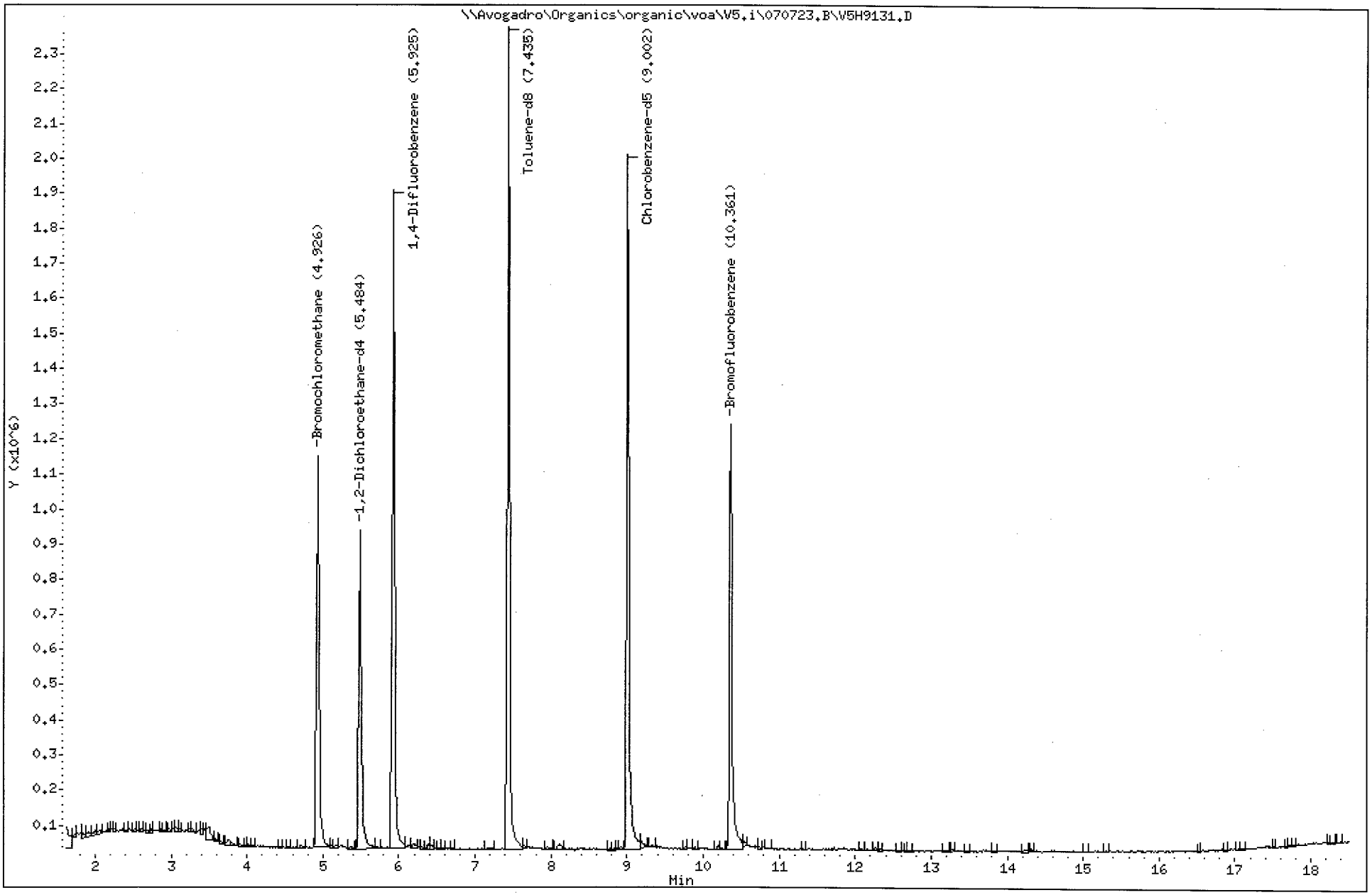
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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.				
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Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9131.D
Date : 23-JUL-2007 11:41
Client ID: VBLK5C
Instrument: V5.i
Sample Info: 5ML,MB-31298,VBLK5C,31298
Purge Volume: 5.0
Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9131.D
Report Date: 08-Aug-2007 14:19

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9131.D
Lab Smp Id: MB-31298 Client Smp ID: VBLK5C
Inj Date : 23-JUL-2007 11:41
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,MB-31298,VBLK5C,31298
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:22 sbotvin Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 18 Bromochloromethane	128	4.926	4.931	(1.000)	335309	50.0000	
$ 24 1,2-Dichloroethane-d4	65	5.483	5.488	(1.113)	741311	50.8005	51
* 27 1,4-Difluorobenzene	114	5.924	5.918	(1.000)	1538573	50.0000	
$ 35 Toluene-d8	98	7.434	7.427	(0.826)	1637710	50.6251	51
* 43 Chlorobenzene-d5	117	9.002	9.007	(1.000)	1308435	50.0000	
$ 51 Bromofluorobenzene	95	10.361	10.354	(1.151)	566951	48.3364	48

IM 8/8/07

Data File: \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9131.D
Report Date: 08-Aug-2007 14:19

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9131.D
Lab Smp Id: MB-31298 Client Smp ID: VBLK5C
Inj Date : 23-JUL-2007 11:41
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,MB-31298,VBLK5C,31298
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:22 sbotvin Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLK5D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31342

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9162

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

% Moisture: not dec. _____ Date Analyzed: 07/24/07

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/KG	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.

VBLK5D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31342

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9162

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

% Moisture: not dec. _____ Date Analyzed: 07/24/07

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/KG	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

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLK5D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31342

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9162

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

% Moisture: not dec. _____ Date Analyzed: 07/24/07

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/Kg

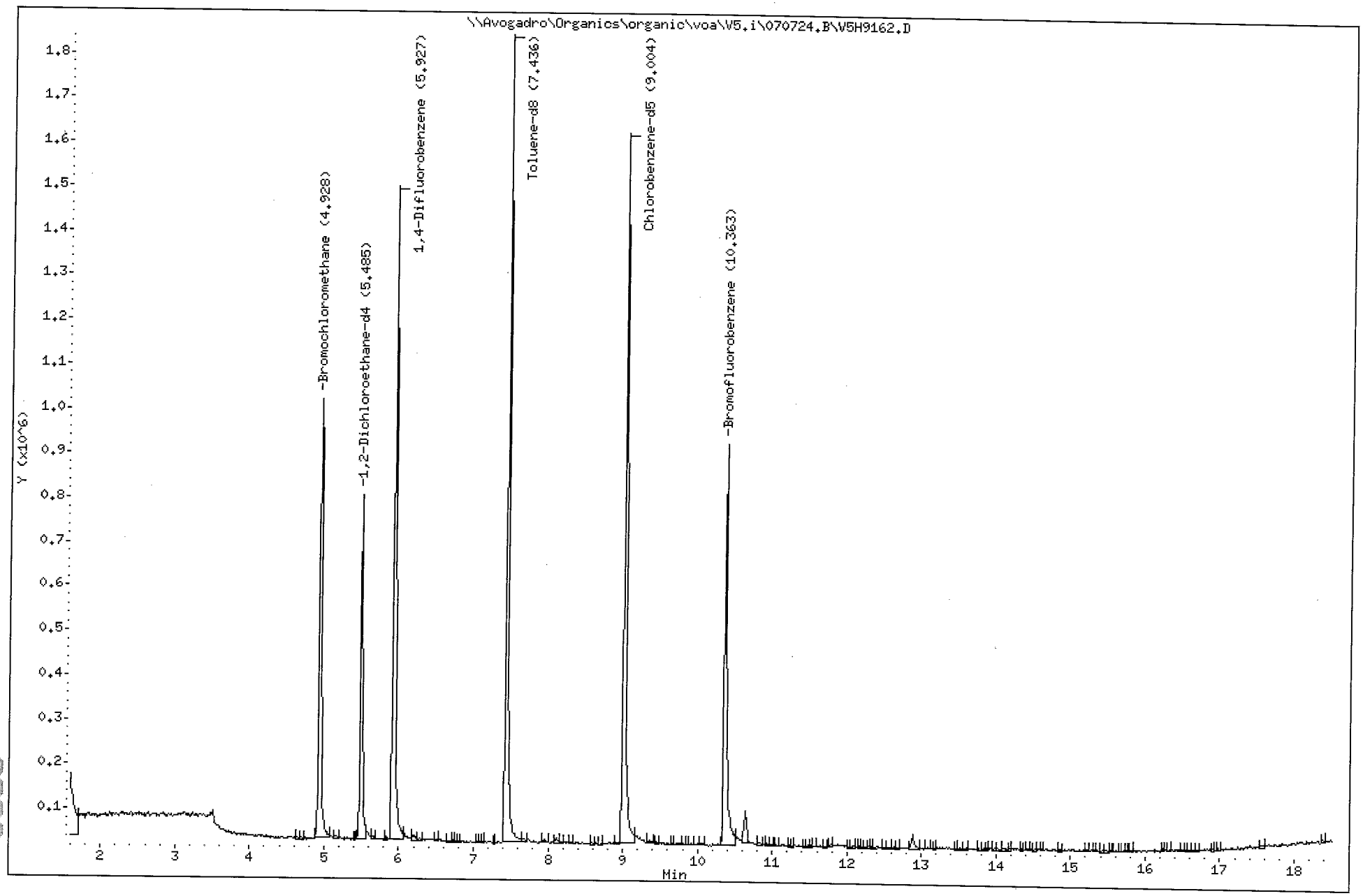
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
2.					
3.					
4.					
5.					
6.					
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10.					
11.					
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30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9162.D
Date : 24-JUL-2007 12:15
Client ID: VBLK5D
Sample Info: 5G,MB-31342,VBLK5D,31342

Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25



0220

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9162.D
Report Date: 08-Aug-2007 14:38

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9162.D
Lab Smp Id: MB-31342 Client Smp ID: VBLK5D
Inj Date : 24-JUL-2007 12:15
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,MB-31342,VBLK5D,31342
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070724.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:03 V5.i Quant Type: ISTD
Cal Date : 24-JUL-2007 11:33 Cal File: V5H9161.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.927	4.930	(1.000)	281671	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.485	5.488	(1.113)	649926	46.3008	46
* 26 1,4-Difluorobenzene	114	5.926	5.929	(1.000)	1221951	50.0000	
$ 33 Toluene-d8	98	7.436	7.439	(0.826)	1268437	50.7500	51
* 42 Chlorobenzene-d5	117	9.004	9.007	(1.000)	1032157	50.0000	
$ 50 Bromofluorobenzene	95	10.362	10.354	(1.151)	428301	43.5587	44

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Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9162.D
Report Date: 08-Aug-2007 14:38

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9162.D
Lab Smp Id: MB-31342 Client Smp ID: VBLK5D
Inj Date : 24-JUL-2007 12:15
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,MB-31342,VBLK5D,31342
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070724.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:03 V5.i Quant Type: ISTD
Cal Date : 24-JUL-2007 11:33 Cal File: V5H9161.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLKA5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31518

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9469

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

% Moisture: not dec. _____ Date Analyzed: 08/03/07

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/KG	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.

VBLKA5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31518

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9469

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

% Moisture: not dec. _____ Date Analyzed: 08/03/07

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/KG	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

VBLKA5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31518

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9469

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

% Moisture: not dec. _____ Date Analyzed: 08/03/07

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/Kg

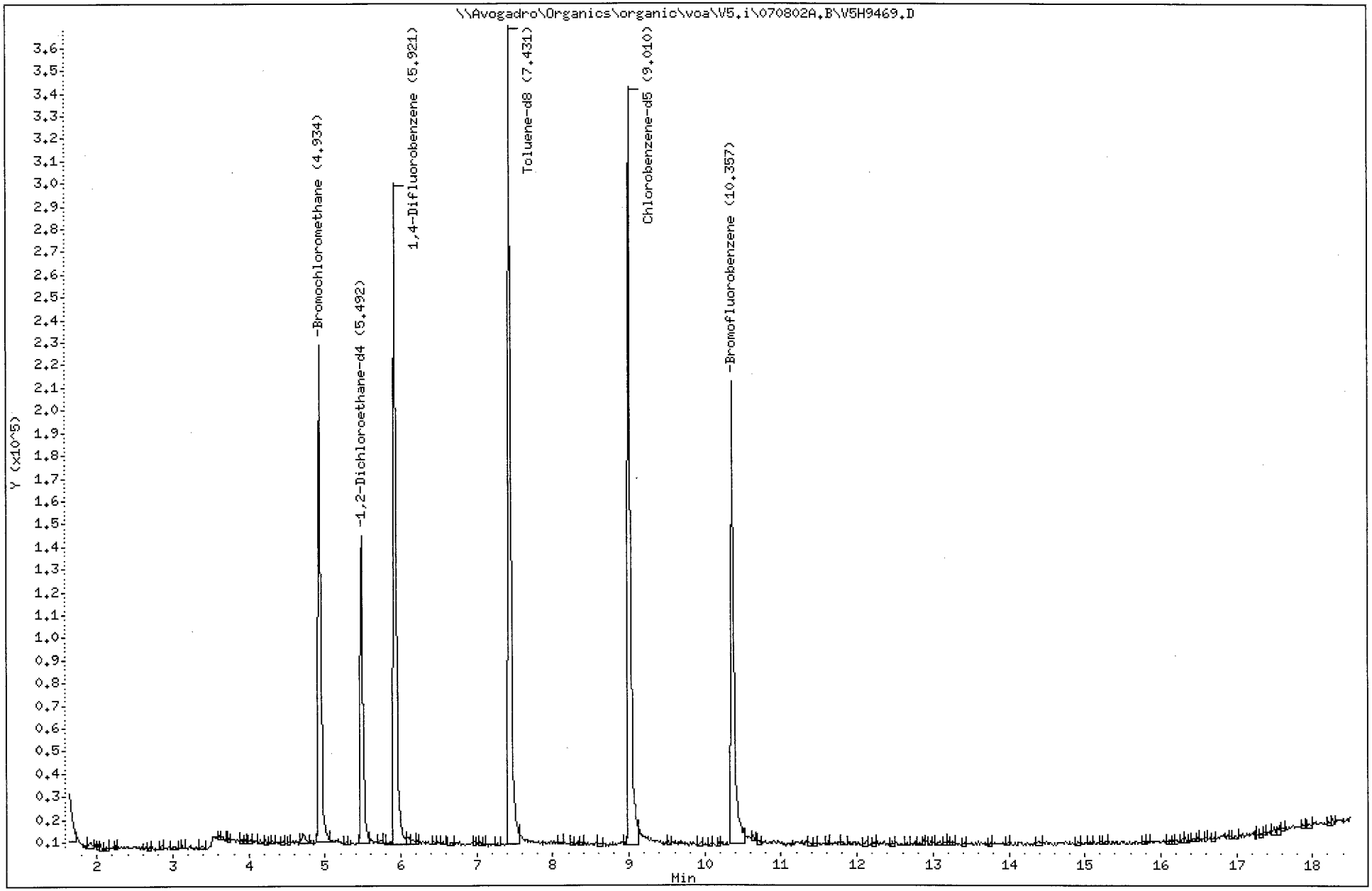
	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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3.					
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Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9469.D
Date : 03-AUG-2007 03:03
Client ID: VBLKA5
Sample Info: SG,MB-31518,VBLKA5,31518

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25

Column phase: DB-624



Data File: V5H9469.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9469.D
Lab Smp Id: MB-31518 Client Smp ID: VBLKA5
Inj Date : 03-AUG-2007 03:03
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,MB-31518,VBLKA5,31518
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 03-AUG-2007 02:33 Cal File: V5H9468.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
* 18 Bromochloromethane	128	4.934	4.933	(1.000)	77735	50.0000	
$ 23 1,2-Dichloroethane-d4	65	5.491	5.491	(1.113)	106668	50.8238	51
* 26 1,4-Difluorobenzene	114	5.921	5.921	(1.000)	310678	50.0000	
$ 33 Toluene-d8	98	7.430	7.430	(0.825)	340075	52.4036	52
* 42 Chlorobenzene-d5	117	9.010	9.010	(1.000)	277181	50.0000	
$ 50 Bromofluorobenzene	95	10.357	10.357	(1.150)	125543	48.7164	49

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Data File: V5H9469.D
Report Date: 08-Aug-2007 14:42

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9469.D
Lab Smp Id: MB-31518 Client Smp ID: VBLKA5
Inj Date : 03-AUG-2007 03:03
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,MB-31518,VBLKA5,31518
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 03-AUG-2007 02:33 Cal File: V5H9468.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKF5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: MB-31618

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9572

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

% Moisture: not dec. _____ Date Analyzed: 08/09/07

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.

VBLKF5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: MB-31618

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9572

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

% Moisture: not dec. _____ Date Analyzed: 08/09/07

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

VBLKF5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: MB-31618

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9572

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

% Moisture: not dec. _____ Date Analyzed: 08/09/07

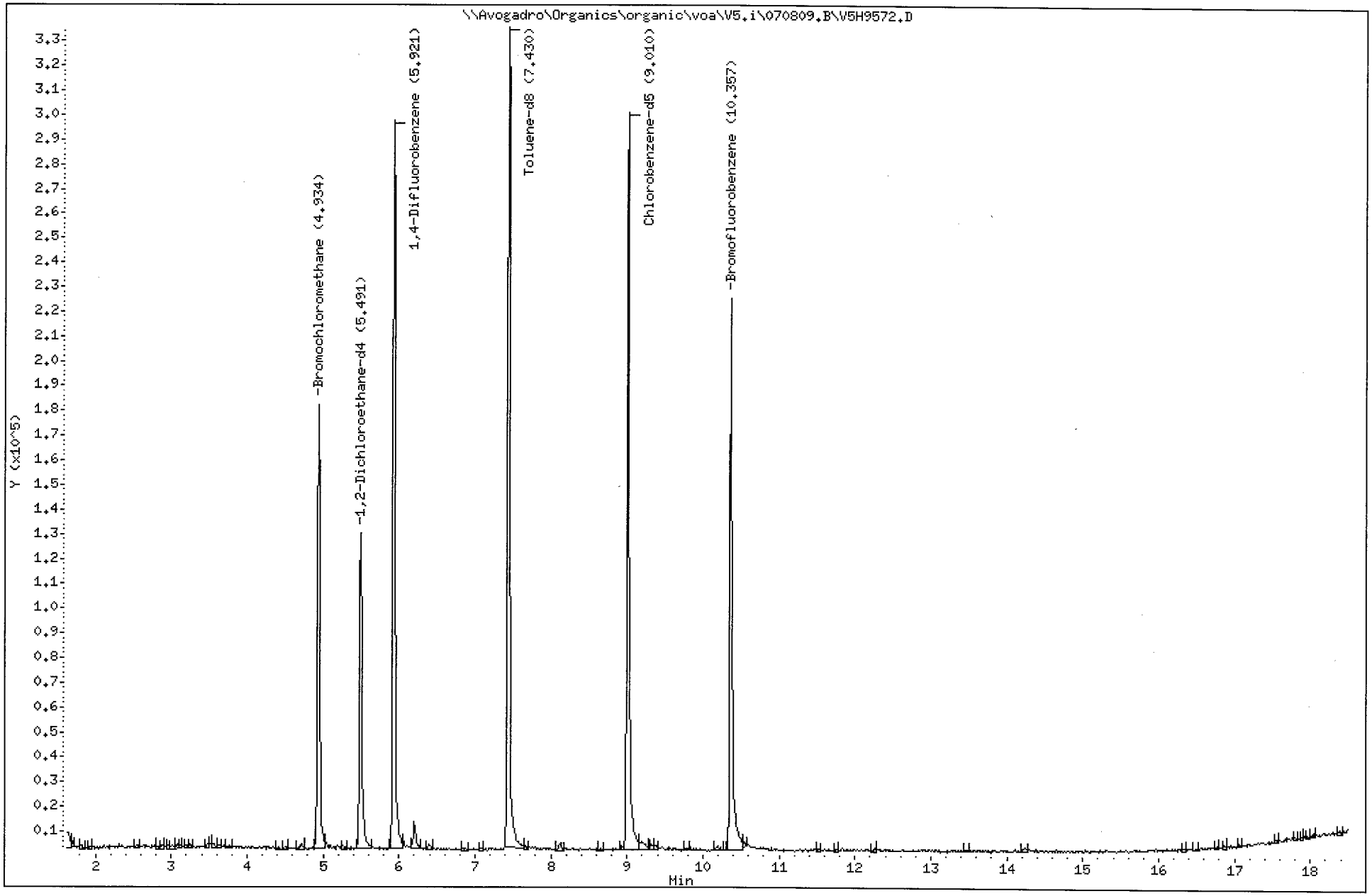
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0

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.					
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30.					

Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9572.D
Date : 09-AUG-2007 12:48
Client ID: VBLKF5
Instrument: V5.i
Sample Info: 5ML,MB-31618,VBLKF5,31618
Purge Volume: 5.0
Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9572.D
Report Date: 10-Aug-2007 12:05

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9572.D
Lab Smp Id: MB-31618 Client Smp ID: VBLKF5
Inj Date : 09-AUG-2007 12:48
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,MB-31618,VBLKF5,31618
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070809.B\v5clp4.m
Meth Date : 10-Aug-2007 11:59 im Quant Type: ISTD
Cal Date : 09-AUG-2007 12:20 Cal File: V5H9571.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
* 18 Bromochloromethane	128	4.933	4.939	(1.000)	64944	50.0000	
$ 24 1,2-Dichloroethane-d4	65	5.491	5.484	(1.113)	107943	46.8361	47
* 27 1,4-Difluorobenzene	114	5.920	5.926	(1.000)	301109	50.0000	
$ 35 Toluene-d8	98	7.430	7.435	(0.825)	285942	47.9212	48
* 43 Chlorobenzene-d5	117	9.009	9.003	(1.000)	252310	50.0000	
$ 51 Bromofluorobenzene	95	10.356	10.362	(1.150)	112603	45.7629	46

(DM 8/10/07)

Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9572.D
Report Date: 10-Aug-2007 12:05

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9572.D
Lab Smp Id: MB-31618 Client Smp ID: VBLKF5
Inj Date : 09-AUG-2007 12:48
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,MB-31618,VBLKF5,31618
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070809.B\v5clp4.m
Meth Date : 10-Aug-2007 11:59 im Quant Type: ISTD
Cal Date : 09-AUG-2007 12:20 Cal File: V5H9571.D
Als bottle: 100 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLKF5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: VHBLKF5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9573

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 08/09/07

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.

VHBLKF5

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: VHBLKF5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9573

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 08/09/07

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.

VHBLKF5

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: VHBLKF5

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9573

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: not dec. _____ Date Analyzed: 08/09/07

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

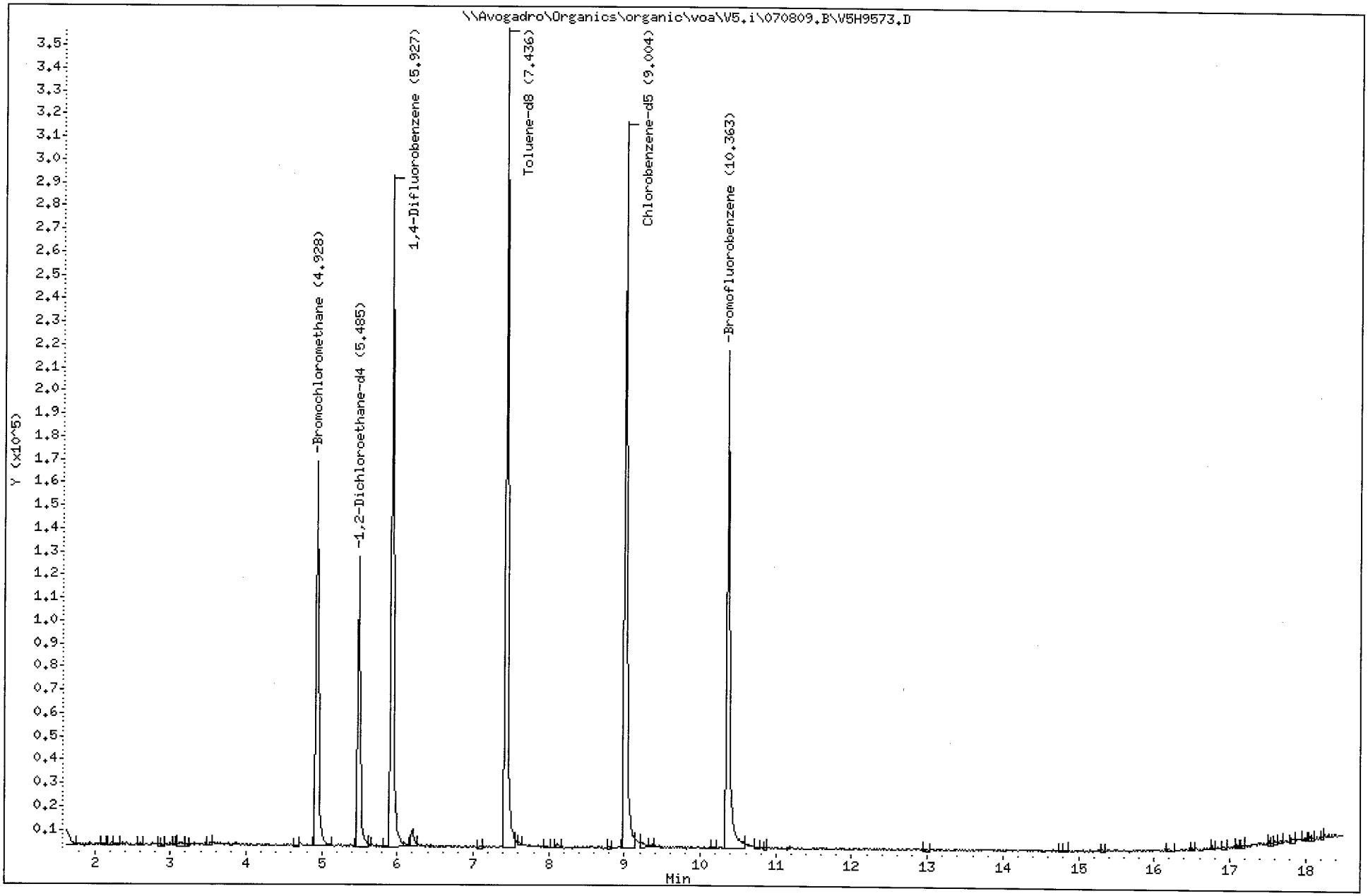
Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

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\V5.i\070809.B\V5H9573.D
Date : 09-AUG-2007 13:17
Client ID: VHBLKF5
Sample Info: 5ML,VHBLKF5,VHBLKF5,31618
Purge Volume: 5.0
Column phase: DB-624

Instrument: V5.i
Operator: HZA SRC: HZA
Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9573.D
Report Date: 10-Aug-2007 12:05

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9573.D
Lab Smp Id: VHBLKF5 Client Smp ID: VHBLKF5
Inj Date : 09-AUG-2007 13:17
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VHBLKF5,VHBLKF5,31618
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070809.B\v5clp4.m
Meth Date : 10-Aug-2007 11:59 im Quant Type: ISTD
Cal Date : 09-AUG-2007 12:20 Cal File: V5H9571.D
Als bottle: 100 QC Sample: STORAGEBLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/L)
* 18 Bromochloromethane	128	4.939	4.939	(1.000)	65619	50.0000	
$ 24 1,2-Dichloroethane-d4	65	5.485	5.484	(1.110)	107237	46.0512	46
* 27 1,4-Difluorobenzene	114	5.926	5.926	(1.000)	296520	50.0000	
$ 35 Toluene-d8	98	7.436	7.435	(0.826)	295112	49.6509	50
* 43 Chlorobenzene-d5	117	9.004	9.003	(1.000)	251330	50.0000	
$ 51 Bromofluorobenzene	95	10.362	10.362	(1.151)	113517	46.3142	46

IM 8/10/07

0347

Data File: \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9573.D
Report Date: 10-Aug-2007 12:05

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070809.B\V5H9573.D
Lab Smp Id: VHBLKF5 Client Smp ID: VHBLKF5
Inj Date : 09-AUG-2007 13:17
Operator : HZA SRC: HZA Inst ID: V5.i
Smp Info : 5ML,VHBLKF5,VHBLKF5,31618
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070809.B\v5clp4.m
Meth Date : 10-Aug-2007 11:59 im Quant Type: ISTD
Cal Date : 09-AUG-2007 12:20 Cal File: V5H9571.D
Als bottle: 100 QC Sample: STORAGEBLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5CLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: LCS-31298

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9135A

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

% Moisture: not dec. _____ Date Analyzed: 07/23/07

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	51	
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	48	
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5CLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) WATER Lab Sample ID: LCS-31298

Sample wt/vol: 5.000 (g/mL) ML Lab File ID: V5H9135A

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

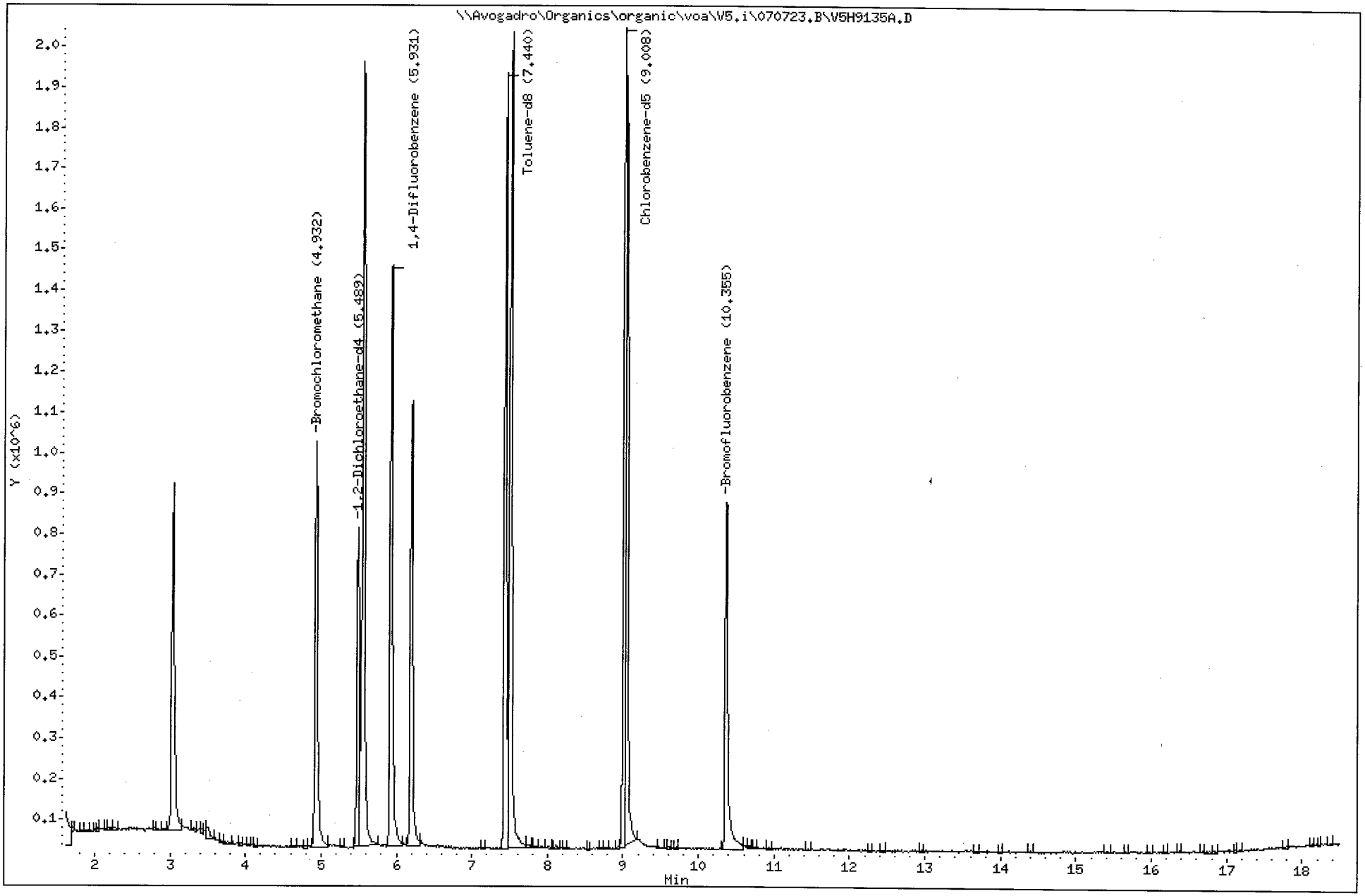
% Moisture: not dec. _____ Date Analyzed: 07/23/07

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	48	
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	47	
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\V5.i\070723.B\V5H9135A.D
Date : 23-JUL-2007 15:42
Client ID: V5CLCS
Instrument: V5.i
Sample Info: 5ML,LCS-31298,V5CLCS,31298
Purge Volume: 5.0
Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



TSC9

Data File: V5H9135A.D
Report Date: 03-Aug-2007 16:21

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070723.B\V5H9135A.D
Lab Smp Id: LCS-31298 Client Smp ID: V5CLCS
Inj Date : 23-JUL-2007 15:42
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5ML,LCS-31298,V5CLCS,31298
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070723.B\v5clp4.m
Meth Date : 03-Aug-2007 16:18 V5.i Quant Type: ISTD
Cal Date : 23-JUL-2007 11:06 Cal File: V5H9130B.D
Als bottle: 100 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14

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

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Va	10.000	LCS Aliquot Volume
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	7 1,1-Dichloroethene	96	3.038	3.038	(0.616)	360568	50.5941	51
*	18 Bromochloromethane	128	4.931	4.931	(1.000)	272044	50.0000	
$	24 1,2-Dichloroethane-d4	65	5.489	5.488	(1.113)	622803	52.6047	53
	25 Benzene	78	5.558	5.546	(0.937)	1892584	47.8724	48
*	27 1,4-Difluorobenzene	114	5.930	5.918	(1.000)	1225890	50.0000	
	28 Trichloroethene	130	6.197	6.196	(1.045)	422954	47.4604	47
$	35 Toluene-d8	98	7.440	7.427	(0.826)	1348023	49.9785	50
	36 Toluene	91	7.509	7.497	(0.834)	1689045	47.8414	48
*	43 Chlorobenzene-d5	117	9.007	9.007	(1.000)	1090926	50.0000	
	44 Chlorobenzene	112	9.042	9.042	(1.004)	1075688	47.0281	47
$	51 Bromofluorobenzene	95	10.355	10.354	(1.150)	431966	44.1708	44

VM 8/8/07

1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

V5DLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31342

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9163

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

% Moisture: not dec. _____ Date Analyzed: 07/24/07

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/KG	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	46	
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	42	
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

V5DLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31342

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9163

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

% Moisture: not dec. _____ Date Analyzed: 07/24/07

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/KG	Q
79-01-6	Trichloroethene	43	
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	44	
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	45	
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

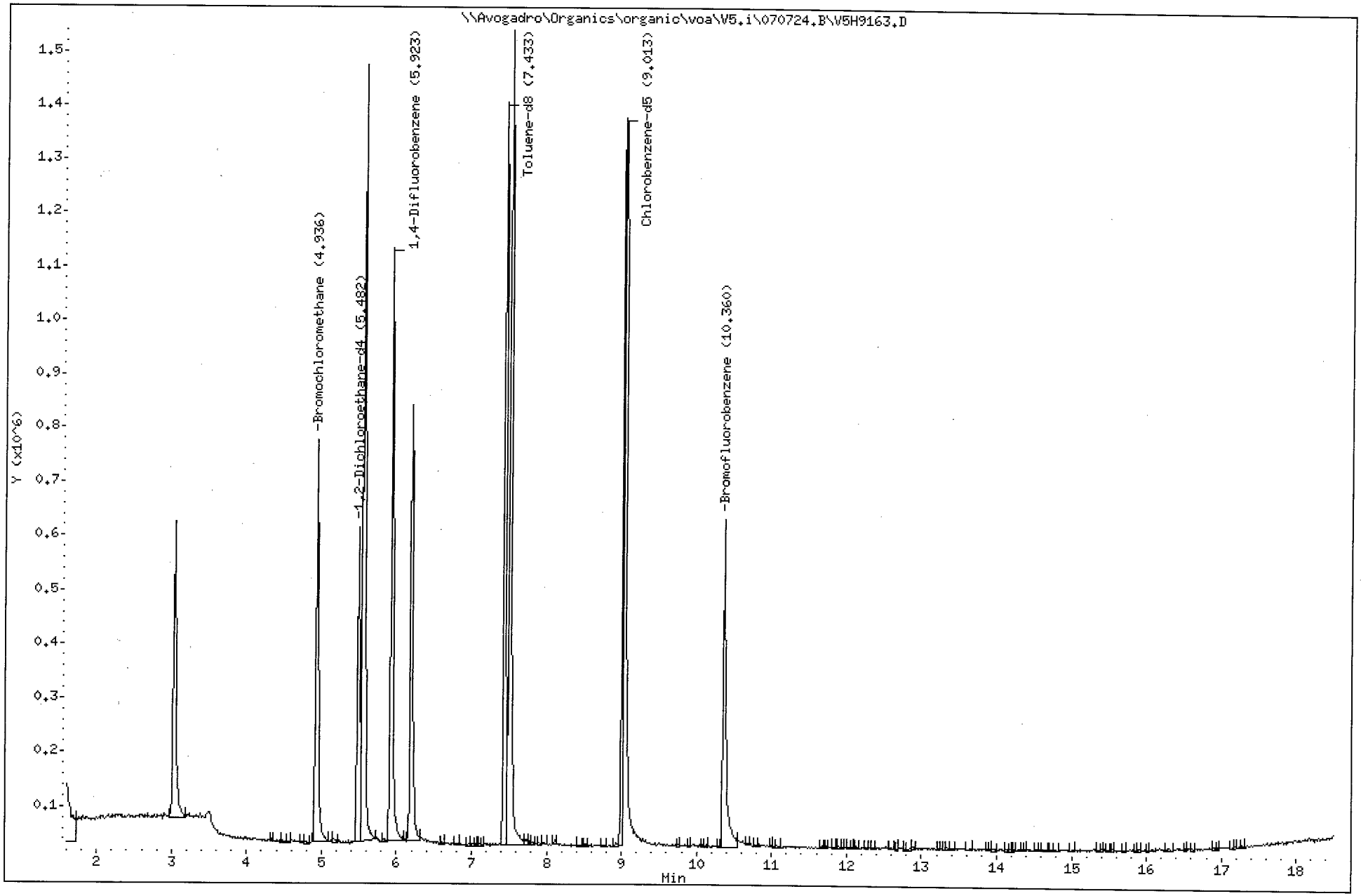
0354

Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9163.D
Date : 24-JUL-2007 12:46
Client ID: V5DLCS
Sample Info: 5G,LCS-31342,V5DLCS,31342

Column phase: DB-624

Instrument: V5.i

Operator: HZA SRC: LIMS
Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9163.D
Report Date: 08-Aug-2007 14:38

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070724.B\V5H9163.D
Lab Smp Id: LCS-31342 Client Smp ID: V5DLCS
Inj Date : 24-JUL-2007 12:46
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,LCS-31342,V5DLCS,31342
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070724.B\v5clp4h.m
Meth Date : 27-Jul-2007 19:03 V5.i Quant Type: ISTD
Cal Date : 24-JUL-2007 11:33 Cal File: V5H9161.D
Als bottle: 100 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET104

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 1,1-Dichloroethene	96	3.031	3.037	(0.614)	258023	46.4572	46
*	18 Bromochloromethane	128	4.936	4.930	(1.000)	212687	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.482	5.488	(1.111)	489417	46.1748	46
	25 Benzene	78	5.551	5.546	(0.937)	1329140	42.1255	42
*	26 1,4-Difluorobenzene	114	5.923	5.929	(1.000)	880244	50.0000	
	27 Trichloroethene	130	6.190	6.196	(1.045)	293477	43.3319	43
$	33 Toluene-d8	98	7.433	7.439	(0.825)	956627	49.8604	50
	34 Toluene	91	7.502	7.509	(0.832)	1163377	44.3334	44
*	42 Chlorobenzene-d5	117	9.012	9.007	(1.000)	792318	50.0000	
	43 Chlorobenzene	112	9.035	9.041	(1.003)	769280	45.1165	45
$	50 Bromofluorobenzene	95	10.359	10.354	(1.149)	302970	40.1395	40

im 8/8/07

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VA5LCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31518

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9470

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

% Moisture: not dec. _____ Date Analyzed: 08/03/07

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/KG	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	51	
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	53	
107-06-2	1,2-Dichloroethane	10	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VA5LCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31518

Sample wt/vol: 5.0 (g/mL) G Lab File ID: V5H9470

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

% Moisture: not dec. _____ Date Analyzed: 08/03/07

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

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

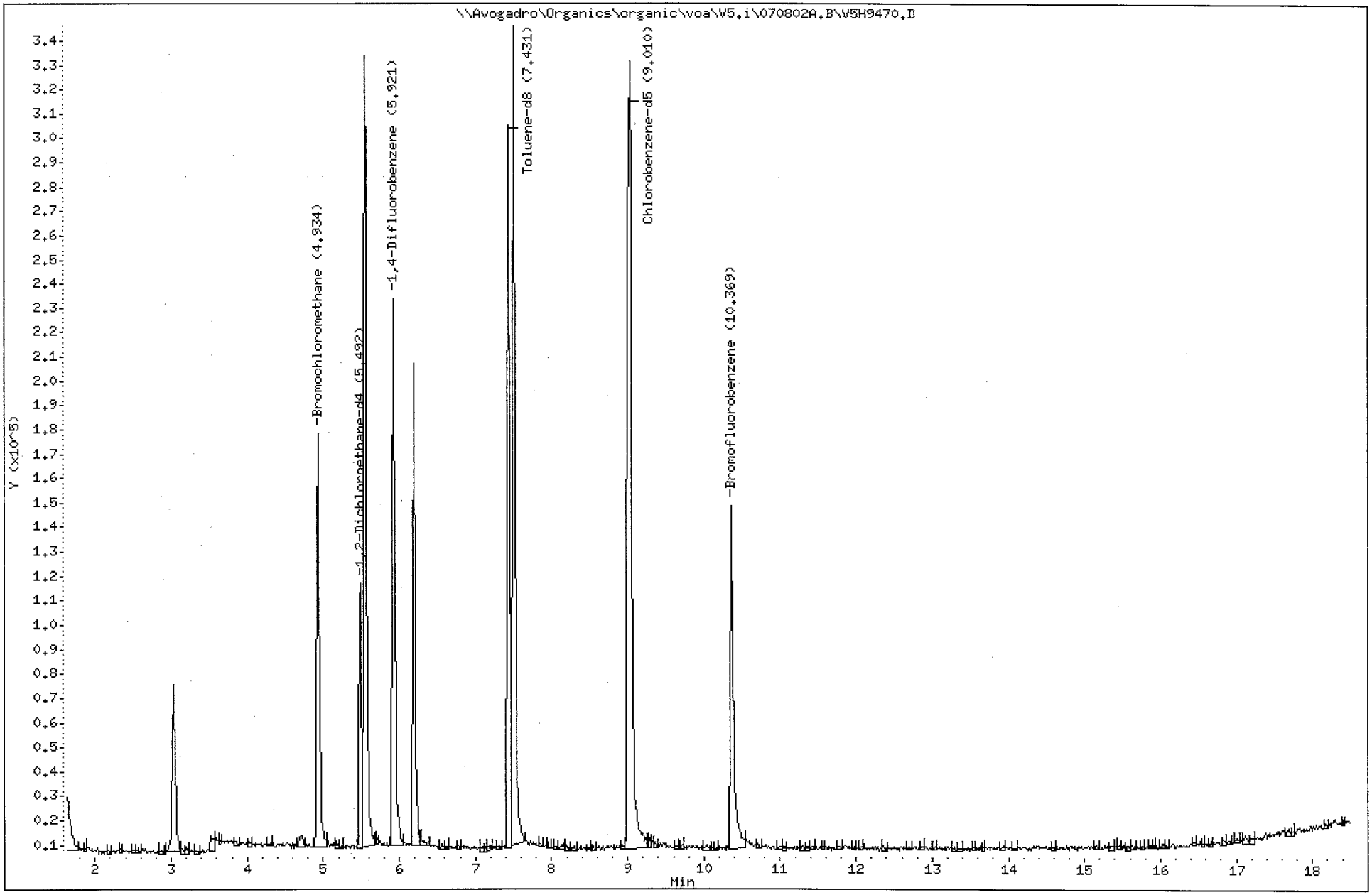
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	50	
108-87-2	Methylcyclohexane	10	U
78-87-5	1,2-Dichloropropane	10	U
75-27-4	Bromodichloromethane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
108-10-1	4-Methyl-2-Pentanone	10	U
108-88-3	Toluene	51	
10061-02-6	trans-1,3-Dichloropropene	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	53	
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\V5.i\070802A.B\V5H9470.D
Date : 03-AUG-2007 03:33
Client ID: VA5LCS
Sample Info: 5G,LCS-31518,VA5LCS,31518

Instrument: V5.i

Operator: HZA SRC: LIMS

Column phase: DB-624
Column diameter: 0.25



Data File: V5H9470.D
Report Date: 08-Aug-2007 14:41

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9470.D
Lab Smp Id: LCS-31518 Client Smp ID: VA5LCS
Inj Date : 03-AUG-2007 03:33
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,LCS-31518,VA5LCS,31518
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 02-AUG-2007 23:32 Cal File: V5H9463.D
Als bottle: 100 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET104

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 1,1-Dichloroethene	96	3.029	3.029	(0.614)	31381	51.4217	51
*	18 Bromochloromethane	128	4.934	4.933	(1.000)	59793	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.491	5.491	(1.113)	81369	50.4032	50
	25 Benzene	78	5.549	5.549	(0.937)	369353	53.3249	53
*	26 1,4-Difluorobenzene	114	5.921	5.921	(1.000)	250622	50.0000	
	27 Trichloroethene	130	6.188	6.199	(1.045)	88029	49.9399	50
$	33 Toluene-d8	98	7.430	7.430	(0.825)	258418	51.6370	52
	34 Toluene	91	7.500	7.500	(0.832)	333068	51.3309	51
*	42 Chlorobenzene-d5	117	9.010	9.010	(1.000)	213753	50.0000	
	43 Chlorobenzene	112	9.033	9.033	(1.003)	230695	53.1342	53
$	50 Bromofluorobenzene	95	10.369	10.357	(1.151)	92785	46.6887	47

im 8/8/07

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11CMS

Sample wt/vol: 8.5 (g/mL) G Lab File ID: V5H9473

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 14 Date Analyzed: 08/03/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	7	U
74-87-3	Chloromethane	7	U
75-01-4	Vinyl Chloride	7	U
74-83-9	Bromomethane	7	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
75-35-4	1,1-Dichloroethene	40	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
67-64-1	Acetone	7	U
75-15-0	Carbon Disulfide	7	U
79-20-9	Methyl Acetate	7	U
75-09-2	Methylene Chloride	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
1634-04-4	Methyl tert-Butyl Ether	7	U
75-34-3	1,1-Dichloroethane	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
78-93-3	2-Butanone	7	U
67-66-3	Chloroform	7	U
71-55-6	1,1,1-Trichloroethane	7	U
110-82-7	Cyclohexane	7	U
56-23-5	Carbon Tetrachloride	7	U
71-43-2	Benzene	47	
107-06-2	1,2-Dichloroethane	7	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11CMS

Sample wt/vol: 8.5 (g/mL) G Lab File ID: V5H9473

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 14 Date Analyzed: 08/03/07

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

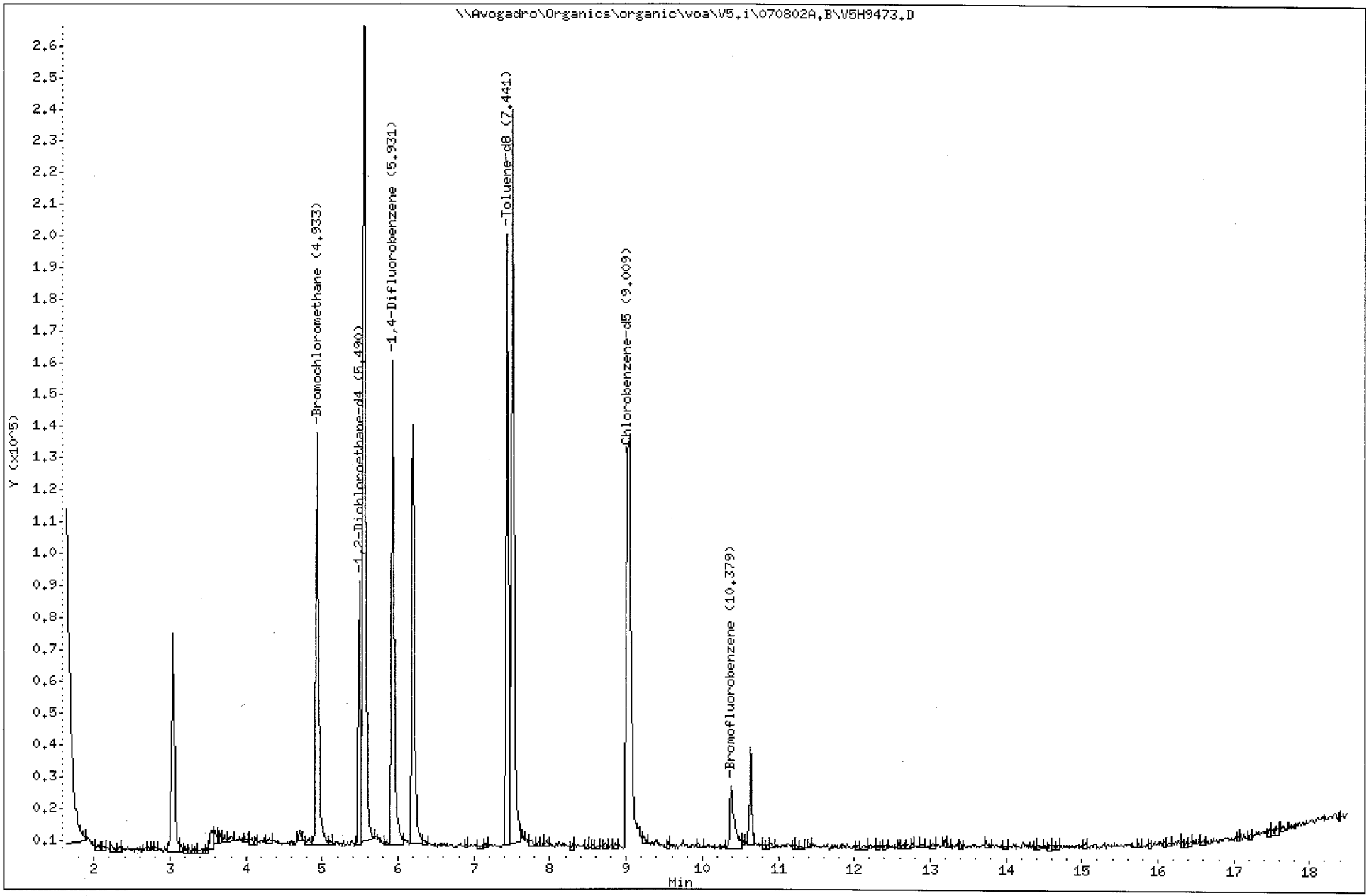
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	34	
108-87-2	Methylcyclohexane	7	U
78-87-5	1,2-Dichloropropane	7	U
75-27-4	Bromodichloromethane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
108-10-1	4-Methyl-2-Pentanone	7	U
108-88-3	Toluene	54	
10061-02-6	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
127-18-4	Tetrachloroethene	7	U
591-78-6	2-Hexanone	7	U
124-48-1	Dibromochloromethane	7	U
106-93-4	1,2-Dibromoethane	7	U
108-90-7	Chlorobenzene	36	
100-41-4	Ethylbenzene	7	U
1330-20-7	Xylene (Total)	7	U
100-42-5	Styrene	7	U
75-25-2	Bromoform	7	U
98-82-8	Isopropylbenzene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
95-50-1	1,2-Dichlorobenzene	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9473.D
Date : 03-AUG-2007 05:03
Client ID: MW-BR12MS
Sample Info: 5G,F0981-11CMS,,31518

Instrument: V5.i

Operator: HZA SRC: LIMS
Column phase: DB-624
Column diameter: 0.25



6969

Data File: V5H9473.D
Report Date: 08-Aug-2007 14:41

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9473.D
Lab Smp Id: F0981-11CMS Client Smp ID: MW-BR12MS
Inj Date : 03-AUG-2007 05:03
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-11CMS,,31518
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 02-AUG-2007 23:32 Cal File: V5H9463.D
Als bottle: 100 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET104

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	8.500	Weight of sample extracted (g)
M	14.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 1,1-Dichloroethene	96	3.039	3.029	(0.616)	28276	58.3557	40
*	18 Bromochloromethane	128	4.932	4.933	(1.000)	47475	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.490	5.491	(1.113)	59138	46.1372	32
	25 Benzene	78	5.559	5.549	(0.937)	318718	68.1572	47
*	26 1,4-Difluorobenzene	114	5.931	5.921	(1.000)	169201	50.0000	
	27 Trichloroethene	130	6.198	6.199	(1.045)	59547	50.0377	34
$	33 Toluene-d8	98	7.441	7.430	(0.826)	163988	71.3941	49(R)
	34 Toluene	91	7.510	7.500	(0.834)	234028	78.5826	54(R)
*	42 Chlorobenzene-d5	117	9.008	9.010	(1.000)	98107	50.0000	
	43 Chlorobenzene	112	9.043	9.033	(1.004)	103566	51.9715	36
$	50 Bromofluorobenzene	95	10.379	10.357	(1.152)	15334	16.8113	11(R)

lm 8/8/07

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11CMSD

Sample wt/vol: 8.5 (g/mL) G Lab File ID: V5H9474

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 14 Date Analyzed: 08/03/07

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/KG	Q
75-71-8	Dichlorodifluoromethane	7	U
74-87-3	Chloromethane	7	U
75-01-4	Vinyl Chloride	7	U
74-83-9	Bromomethane	7	U
75-00-3	Chloroethane	7	U
75-69-4	Trichlorofluoromethane	7	U
75-35-4	1,1-Dichloroethene	43	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7	U
67-64-1	Acetone	7	U
75-15-0	Carbon Disulfide	7	U
79-20-9	Methyl Acetate	7	U
75-09-2	Methylene Chloride	7	U
156-60-5	trans-1,2-Dichloroethene	7	U
1634-04-4	Methyl tert-Butyl Ether	7	U
75-34-3	1,1-Dichloroethane	7	U
156-59-2	cis-1,2-Dichloroethene	7	U
78-93-3	2-Butanone	7	U
67-66-3	Chloroform	7	U
71-55-6	1,1,1-Trichloroethane	7	U
110-82-7	Cyclohexane	7	U
56-23-5	Carbon Tetrachloride	7	U
71-43-2	Benzene	47	
107-06-2	1,2-Dichloroethane	7	U

1B

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11CMSD

Sample wt/vol: 8.5 (g/mL) G Lab File ID: V5H9474

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: not dec. 14 Date Analyzed: 08/03/07

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

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

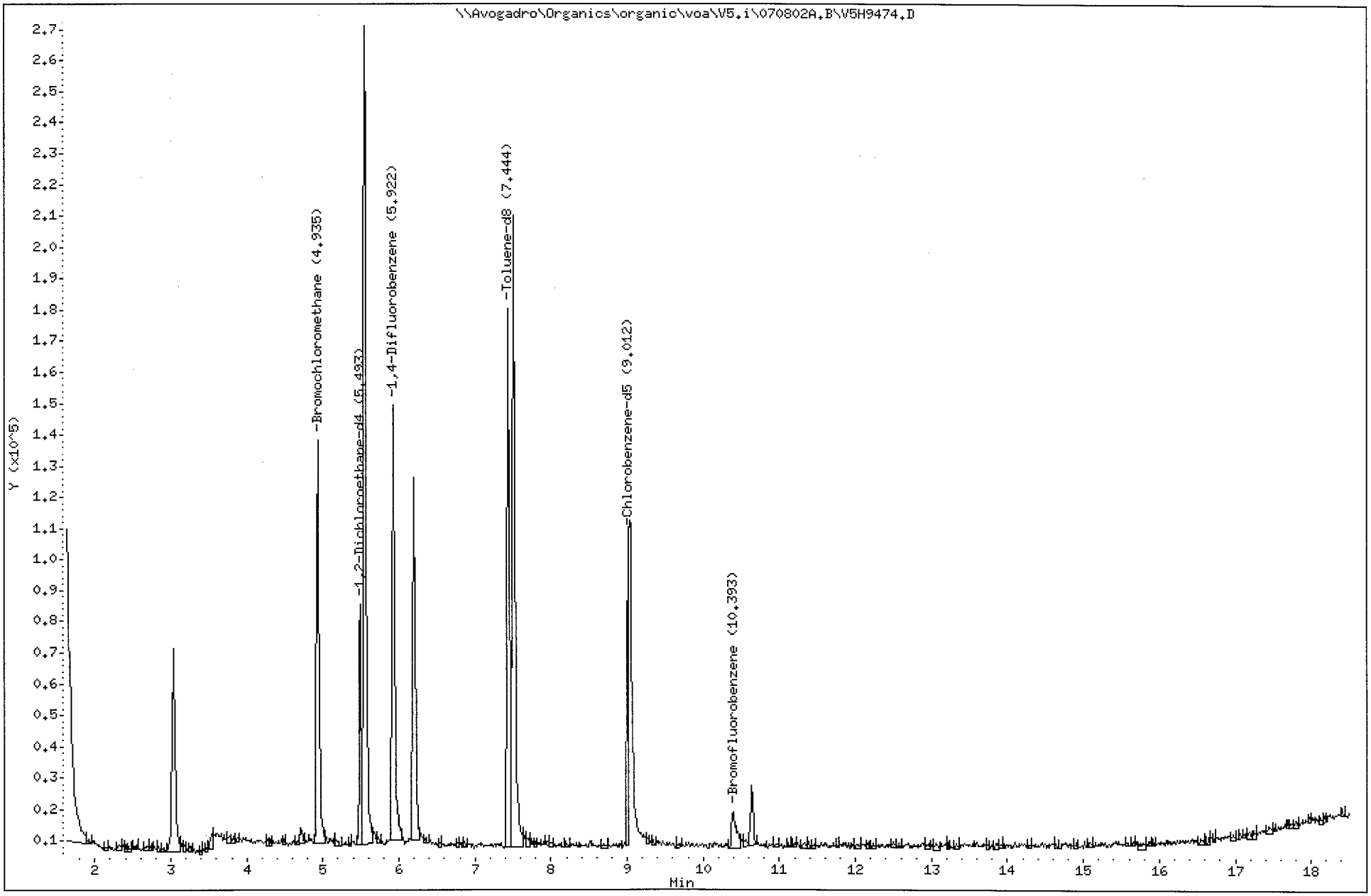
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
79-01-6	Trichloroethene	36	
108-87-2	Methylcyclohexane	7	U
78-87-5	1,2-Dichloropropane	7	U
75-27-4	Bromodichloromethane	7	U
10061-01-5	cis-1,3-Dichloropropene	7	U
108-10-1	4-Methyl-2-Pentanone	7	U
108-88-3	Toluene	53	
10061-02-6	trans-1,3-Dichloropropene	7	U
79-00-5	1,1,2-Trichloroethane	7	U
127-18-4	Tetrachloroethene	7	U
591-78-6	2-Hexanone	7	U
124-48-1	Dibromochloromethane	7	U
106-93-4	1,2-Dibromoethane	7	U
108-90-7	Chlorobenzene	35	
100-41-4	Ethylbenzene	7	U
1330-20-7	Xylene (Total)	7	U
100-42-5	Styrene	7	U
75-25-2	Bromoform	7	U
98-82-8	Isopropylbenzene	7	U
79-34-5	1,1,2,2-Tetrachloroethane	7	U
541-73-1	1,3-Dichlorobenzene	7	U
106-46-7	1,4-Dichlorobenzene	7	U
95-50-1	1,2-Dichlorobenzene	7	U
96-12-8	1,2-Dibromo-3-chloropropane	7	U
120-82-1	1,2,4-Trichlorobenzene	7	U

Data File: \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9474.D
Date : 03-AUG-2007 05:32
Client ID: MW-BR12MSD
Sample Info: 5G,F0981-11CMSD,,31518

Instrument: V5.i

Operator: HZA SRC: LIMS

Column phase: DB-624
Column diameter: 0.25



Data File: V5H9474.D
Report Date: 08-Aug-2007 14:41

Mitkem Corporation

CLP OLM4.X - Water and Medium Soils

Data file : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\V5H9474.D
Lab Smp Id: F0981-11CMSD Client Smp ID: MW-BR12MSD
Inj Date : 03-AUG-2007 05:32
Operator : HZA SRC: LIMS Inst ID: V5.i
Smp Info : 5G,F0981-11CMSD,,31518
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\voa\V5.i\070802A.B\v5clp4h.m
Meth Date : 06-Aug-2007 12:30 sbotvin Quant Type: ISTD
Cal Date : 02-AUG-2007 23:32 Cal File: V5H9463.D
Als bottle: 100 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: CLP4.sub
Target Version: 4.14
Processing Host: TARGET104

Concentration Formula: Amt * DF * Uf * 5/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Ws	8.500	Weight of sample extracted (g)
M	14.000	% Moisture (not decanted)
Va	100.000	Aliquot of methanol (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	CONCENTRATIONS FINAL (ug/Kg)
	7 1,1-Dichloroethene	96	3.030	3.029	(0.614)	29345	62.1377	43
*	18 Bromochloromethane	128	4.935	4.933	(1.000)	46271	50.0000	
$	23 1,2-Dichloroethane-d4	65	5.492	5.491	(1.113)	56650	45.3462	31
	25 Benzene	78	5.550	5.549	(0.937)	295035	68.8478	47
*	26 1,4-Difluorobenzene	114	5.922	5.921	(1.000)	155057	50.0000	
	27 Trichloroethene	130	6.201	6.199	(1.047)	57115	52.3721	36
$	33 Toluene-d8	98	7.443	7.430	(0.826)	155581	80.5867	55(R)
	34 Toluene	91	7.513	7.500	(0.834)	195698	78.1810	53(R)
*	42 Chlorobenzene-d5	117	9.011	9.010	(1.000)	82460	50.0000	
	43 Chlorobenzene	112	9.046	9.033	(1.004)	85984	51.3361	35
$	50 Bromofluorobenzene	95	10.381	10.357	(1.152)	11791	15.3799	11(R)

lm 8/8/07

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

MITKEM CORPORATION: Volatile Organics Low/Medium Level Soil Extraction Log

Date	Lab ID		Analysis	Initial Wt. (g)	Final Wt. (g)	Sample Wt. (g)	Extraction Volume (mL)	Sample Type	Methanol Lot. #	Comments	Analyst
07/19/07	F0936	14CMS	OLM-LS	32.27	41.94	9.7	5.0	B	DI H2O		
		14CMSD		32.60	42.26	9.7					
		16C		32.52	38.82	6.3					
		18C		32.66	39.88	7.0					
07/19/07	F0936	20C	OLM-LS	32.46	41.16	8.7	5.0	B	DI H2O		
	F0981	03C		32.53	40.23	7.7					
		04C		32.60	41.04	8.4					
		05C		32.54	40.26	7.7					
07/19/07	F0981	07C	OLM-LS	32.68	40.75	8.1		B			
	MB	31278		NA	NA	5.0		E		ottawa sand #06891	
07/19/07	LCS	31278	OLM-LS	NA	NA	5.0	5.0	E	DI H2O	ottawa sand #06891	
7/19/07	F0934	10B	8260_LS	NA	NA	1.0	5.0	E	DI H2O		IM
	F0966	01C		32.62	38.72	6.1		B			
	F0966	02C		32.58	38.43	5.8					
	F0954	06A		32.50	40.90	8.4					
7/19/07	F0954	07A	8260_LS	32.25	40.08	7.8	5.0	B	DI H2O		IM

Sample Type: A. MeOH Pre-preserved; B. DI H2O/Freeze; C. NaHSO4 Pre-preserved; D. Encore; E. Unpreserved Jars

Logbook ID: 90.0189-06/07

Reviewed By: [redacted] 07/20/07

MITKEM CORPORATION: Volatile Organics Low/Medium Level Soil Extraction Log

Date	Lab ID	Analysis	Initial Wt. (g)	Final Wt. (g)	Sample Wt. (g)	Extraction Volume (mL)	Sample Type	Methanol Lot. #	Comments	Analyst
07/12/07	MB — 31296	OLM-4.2	NA	NA	5.0	5.0	E	DI H_2O	ottawa sand # 065491	WL
	LCS — 31296	OLM-4.2						DI H_2O		
	MB — 31297	OLM-MS						MeOH		
	LCS — 31297	OLM-MS	NA	NA	5.0	5.0	E	MeOH ~~DI H_2O~~ via 07/12/07	ottawa sand #065489	
	F0981 — 03C	OLM-4.2	32.29	40.49	8.2		B	DI H_2O		
	— 04C		32.21	41.56	9.4	X				
	— 05C		32.54	41.13	8.6					
	F0981 — 07C		32.67	39.82	7.2 X					
	F0936 — 06C		32.67	40.73	8.1					
	— 10C		32.56	39.92	7.4					
	— 13C		32.60	41.92	9.3					
	F0936 — 18C		32.39	39.36	7.0		B			
	F0963 — 20A		NA	NA	4.8		E			
	F0963 — 22B	OLM-4.2	NA	NA	5.1	5.0	E	DI H_2O		
7/20/07	F0938 — 14D	OLM-MS	31.09	41.53	10.5	5.0	A	MeOH		
7/20/07	F0936 — 20D	OLM-MS	32.54	40.76	8.2	5.0	A	MeOH		WL

Sample Type: A. MeOH Pre-preserved; B. DI H2O/Freeze; C. NaHSO4 Pre-preserved; D. Encore; E. Unpreserved Jars

Logbook ID: 90.0189-06/07

Reviewed By: HZ 07/20/07

SOW OLC03.2

MITKEM CORPORATION: Volatile Organics Low/Medium Level Soil Extraction Log

Date	Lab ID	Analysis	Initial Wt. (g)	Final Wt. (g)	Sample Wt. (g)	Extraction Volume (mL)	Sample Type	Methanol Lot. #	Comments	Analyst
07/24/07	F0981 -08C	OLM-LS	32.37	39.85	7.5	5.0	B	DI H2O		WL
	F0981 -09C		32.45	41.73	9.3		B			
	MB -31342		NA	NA	5.0		E		ottawa sand #065891	
	LCS -31342				5.0				ottawa sand #065891	
	F0995 -12B				4.7					
	-13B				4.6					
07/24/07	F0991 -14B	OLM-LS	NA	NA	5.2	5.0	E	DI H2O		WL
07/24/07	F0995 -16C	8260-MS	31.00	38.53	7.5	5.0	A	MeOH		WL
	MB -31347		NA	NA	5.0	5.0	BE		ottawa sand #065891	
	LCS -31345						E			
	LCSD -31341	8260-MS					E		ottawa sand #065891	
07/24/07	F0914 -05A	8260-MS	NA	NA	5.0	5.0	A	MeOH		WL
07/24/07	F1001 -01B	SOM								
	MB - 31355	8260					E	DI H2O	OTTAWA SAND #065891	JP
	LCS - 31355				5.0				OTTAWA SAND #065891	
7/24/07	F0962 -21B	8260	NA	NA	4.7	5.0	E	DI H2O		JP

Sample Type: A. MeOH Pre-preserved; B. DI H2O/Freeze; C. NaHSO4 Pre-preserved; D. Encore; E. Unpreserved Jars

Logbook ID: 90.0189-06/07

Reviewed By: JP 7/25/07

MITKEM CORPORATION: Volatile Organics Low/Medium Level Soil Extraction Log

Date	Lab ID		Analysis	Initial Wt. (g)	Final Wt. (g)	Sample Wt. (g)	Extraction Volume (mL)	Sample Type	Methanol Lot. #	Comments	Analyst
8/2/07	F1051	15C	8260-LS	NA	NA	5.1	5.0	E	DI H2O		IM
8/2/07	F1051	16C	8260-LS	NA	NA	5.5	5.0	E	DI H2O		IM
08/02/07	MB	31518	OLM-LS	NA	NA	5.0	5.0	E	DI H2O	ottawa sand #065891	
	LCS	31518		NA	NA	5.0	5.0	E	DI H2O	ottawa sand #065891	
	F0981	11C		32.56	40.9	8.4 ✓	5.0	B			
		11CMS		32.42	40.93	8.5 ✓					
		11CMSD		~~32.46~~	40.96	8.5					
	F0981	10C		32.58	~~41.74~~	~~#~~ 9.2					
08/04/07	F1025	01C	OLM-LS	32.25	39.58	7.3	5.0	B	DI H2O		
8/3/07	MB 31521		8260-LS	NA	NA	5.0	5.0	E	DI H2O	OTTAWA SAND #065891	IM
	LCS 31521					5.0				OTTAWA SAND #065891	
	F1051	01C				5.1					
		QC MS				5.2					
		QC MSD				5.5					
		02C				0.5				smell	
8/3/07	F1051	03C	8260-LS	NA	NA	5.0	5.0	E	DI H2O		IM

Sample Type: A. MeOH Pre-preserved; B. DI H2O/Freeze; C. NaHSO4 Pre-preserved; D. Encore; E. Unpreserved Jars

Logbook ID: 90.0189-06/07

Reviewed By: SB 8/6/07

Percent Moisture and Percent Solids Report

Mitkem Sample ID	*Client Sample ID*	*Analyzed*	*Percent Moisture*	*Percent Solids*	*Validated*
F0981-03A	*OTMI-SB06*	07/31/2007	13	87	Yes
F0981-04A	*OTMI-SB12*	07/31/2007	12	88	Yes
F0981-05A	*OTMI-SB12/D*	07/31/2007	12	88	Yes
F0981-07A	*OTMI-MW-BR07*	07/31/2007	18	82	Yes
F0981-08A	*OTMI-MW-BR09*	07/31/2007	10	90	Yes
F0981-09A	*OTMI-MW-BR09*	07/31/2007	15	85	Yes
F0981-10A	*OTMI-MW-BR10*	07/31/2007	16	84	Yes
F0981-11A	*OTMI-MW-BR12*	07/31/2007	14	86	Yes

METHOD:
INITIAL CAL:
COMMENTS:

CAL ID:
IS/SS ID:
ICV ID:

ANALYST:
ARCHIVE:

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: OLM_W
ICAL DATE: 07/13/07

ANALYST: WL
EMV:

BATCH: 070713.B

Start: 13-JUL-07 11:35
End: 13-JUL-07 14:00

Comments:

IS-VW070711A
SS-VW070711B
STD-VW070711C

Reviewed By: HZA 07/16/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	DFB	CBZ	SURROGATES DCE	TOL	BFB	DILN	FLG	COMMENTS	pH
V5H8910	11:35	BFBQ5	BFBQ5		AQ								1		OK ✓	
V5H8911	12:03	VSTD050Q5	VSTD050Q5		AQ		100	100	100				1		OK	
V5H8912	12:32	VSTD020Q5	VSTD020Q5		AQ		93	93	91				1		OK	
V5H8913	13:01	VSTD010Q5	VSTD010Q5		AQ		93	93	90				1		OK	
V5H8914	13:31	VSTD100Q5	VSTD100Q5		AQ		93	94	95				1		OK	
V5H8915	14:00	VSTD200Q5	VSTD200Q5		AQ		91	96	97				1		OK	

OLM ICAL 20WK OK

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

HZA 07/16/07

Logbook ID 90.0199-06/07

Reviewed By:_____

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: OLM-L-5
ICAL DATE: 07/19/07
ANALYST: WL
EMV:

BATCH: 070719.B

Start: 19-JUL-07 09:49
End: 19-JUL-07 21:32

Comments:

WL 07/20/07
IS/SS-VW5070719A
SS-VW5070719B
STD-VW5070719C
LCS-VW5070719D

Reviewed By: HZA 07/20/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	INTERNAL STDS DFB	INTERNAL STDS CBZ	SURROGATES DCE	SURROGATES TOL	SURROGATES BFB	DILN	FLG	COMMENTS	pH
V5H9051	09:49	BFBX5	BFBX5		AQ								1		OK ✓	
V5H9052	10:04	VSTD050X5	VSTD050X5		AQ		100	100	100				1		OK	
V5H9053	10:35	VSTD020X5	VSTD020X5		SL		109	104	107				1		OK	
V5H9054	11:05	VSTD010X5	VSTD010X5		SL		105	106	95				1		OK	
V5H9055	11:35	VSTD200X5	VSTD200X5		SL		107	113	112				1		OK	
V5H9056	12:05	VSTD100X5	VSTD100X5		SL		106	107	108				1		OK	
V5H9057	12:35	MB-31270	VBLKX5	31270	SL		138	147	135	89	97	91	1		OK	
V5H9058	13:59	LCS-31270	VLCSX5	31270	SL		102	100	95	90	96	82	1		OK	
V5H9059	14:29	F0936-01C	SB01	31270	SL	1	85	83	56	84	124	61	1		OK	
V5H9060	15:00	F0936-02C	SB07	31270	SL	1	94	90	64	89	115	60	1		OK	
V5H9061	15:30	F0963-11B	MDUMPCOMP	31270	SL	1	101	91	80	90	96	74	1		OK	
V5H9062	16:00	F0963-20A	GCARAST06	31270	SL	1	86	63	45*	88	109	56*	1		RRX5	
V5H9063	16:30	F0963-21A	MPDRUM06	31270	SL	1	92	72	60	92	101	66	1		OK	
V5H9064	17:00	F0963-22B	MAINAST06	31270	SL	1	98	70	40*	89	84*	86	1		RRX5	
V5H9064A	17:31	F0963-11BMS	MDUMPCOMPMS	31270	SL	1	105	106	105	88	92	81	1		OK	
V5H9064B	18:01	F0963-11BMSD	MDUMPCOMPMSD	31270	SL	1	109	109	106	89	92	78	1		OK	
V5H9065	18:31	F0936-05C	SB05	31270	SL	1	84	69	59	83	107	64	1		OK	
V5H9066	19:01	F0936-06C	SB03	31270	SL	1	68	44*	23*	91	156*	41*	1		RRX1	
V5H9067	19:31	F0936-10C	SB04	31270	SL	1	45*	44*	23*	100	162*	42*	1		RRX1	
V5H9068	20:01	F0936-13C	SB09	31270	SL	1	60	53	36*	92	127	70	1		RRX1	
V5H9069	20:31	F0936-14C	SB10	31270	SL	1	83	92	91	93	110	100	1	E	RRX Med-S, EB=100, Med	
V5H9070	21:01	F0936-14CMS	SB10MS	31270	SL	2	85	94	88	89	104	93	1	ER	OK	
V5H9071	21:32	F0936-14CMSD	SB10MSD	31270	SL	3	84	96	91	90	101	94	1	ER	OK	

OLM4.2 Soil Wt Lab HZA 07/20/07 2 outs OK

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
G - One or more spike compounds are outside of control limits
I - Sample was injected outside of the 12 hour sequence
S - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

WL 07/20/07

METHOD: | CAL ID: | ANALYST:

INITIAL CAL: | IS/SS ID: | ARCHIVE:

COMMENTS

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: OLM-L-5
ICAL DATE: 07/19/07
ANALYST: WL
EMV:

BATCH: 070719A.B

Start: 19-JUL-07 22:02
End: 20-JUL-07 04:33

Comments:

IS-VW070719A
SS-VW070719B
STD-VW070719C
LCS-VW070719D

Reviewed By: KZA 07/20/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	INTERNAL STDS DFB	INTERNAL STDS CBZ	SURROGATES DCE	SURROGATES TOL	SURROGATES BFB	DILN	FLG	COMMENTS	pH
V5H9072	22:02	BFBY5	BFBY5		AQ								1		OK V	
V5H9073	22:32	VSTD050Y5	VSTD050Y5		SL		100	100	100				1		OK V	
V5H9074	23:02	MB-31278	VBLKY5	31278	SL		114	114	106	104	114	100	1		OK	
V5H9075	23:32	F0936-16C	SB11	31278	SL	1	62	68	61	106	123	85	1		OK	
V5H9076	00:02	F0936-18C	SB08	31278	SL	1	77	64	37*	106	170*	53*	1		RRX1	
V5H9077	00:32	F0936-20C	SB02	31278	SL	1	70	66	39*	107	164*	76	1	E	Acetone=26. RRX Med-5	
V5H9078	01:02	F0981-03C	SB06	31278	SL	1	66	58	38*	97	161*	55*	1		RRX1	
V5H9079	01:32	F0981-04C	SB12	31278	SL	1	63	50*	25*	102	171*	44*	1		RRX1	
V5H9080	02:03	F0981-05C	SB12/D	31278	SL	1	69	57	33*	103	162*	50*	1		RRX1	
V5H9081	02:33	F0981-07C	MW-BR07	31278	SL	1	65	49*	24*	103	195*	39*	1		RRX1	
V5H9082	03:03	VHBLKY5	VHBLKY5	31278	SL		94	85	81	113	118	96	1		storage blk R4	
V5H9083	03:33	VHBLKY5	VHBLKY5	31278	SL		105	98	96	111	114	91	1		R10	
V5H9084	04:03	VHBLKY5	VHBLKY5	31278	SL		104	94	93	110	112	89	1		R9	
V5H9085	04:33	VHBLKY5	VHBLKY5	31278	SL		106	97	95	107	113	89	1		R13	

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

Logbook ID 90.0199-06/07

WL 07/20/07 **Reviewed By:**_____

9159

METHOD: CAL ID: ANALYST:

INITIAL CAL: IS/SS ID: ARCHIVE:

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: OLM4W_S
ICAL DATE: 07/19/07

ANALYST: WL
EMV:

BATCH: 070720A.B

Start: 20-JUL-07 16:59
End: 20-JUL-07 23:26

Comments:

IS-VW070719A
STD1-VW070719C
SS-VW070719B

Reviewed By: HZA 07/23/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	DFB	CBZ	SURROGATES DCE	TOL	BFB	DILN	FLG	COMMENTS	pH
V5H9109	16:59	BFB5A	BFB5A		AQ								1		ok ✓	
V5H9110	17:30	VSTD0505A	VSTD0505A		SL		100	100	100				1		ok ✓	
V5H9111	18:00	MB-31296	VBLK5A	31296	SL		110	112	103	97	115	106	1		ok	
V5H9112	18:53	F0936-06CRE	SB03RE	31296	SL	2	104	85	49*	94	168*	64	1		ok	
V5H9113	19:24	F0936-10CRE	SB04RE	31296	SL	2	46*	53	24*	105	205*	50*	1		ok	
V5H9114	19:55	F0936-13C	SB09	31296	SL	2	105	104	76	96	136	84	1		ok	
V5H9115	20:26	F0936-18CRE	SB08RE	31296	SL	2	98	88	61	95	142*	74	1		ok	
V5H9116	20:56	F0963-20A	GCARAST06	31296	SL	2	126	115	90	94	120	86	1		ok	
V5H9117	21:26	F0963-22BRE	MAINAST06RE	31296	SL	2	123	108	38*	97	97	155*	1		ok	
V5H9118	21:55	F0981-03CRE	SB06RE	31296	SL	2	92	79	60	88	142*	71	1		ok	
V5H9119	22:25	F0981-04CRE	SB12RE	31296	SL	2	78	62	33*	92	160*	57*	1		ok	
V5H9120	22:56	F0981-05C	SB12/D	31296	SL	2	81	74	70	102	114	95	1		ok	
V5H9121	23:26	F0981-07CRE	MW-BR07RE	31296	SL	2	54	44*	28*	102	160*	57*	1		ok	

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

HZA 07/23/07

Logbook ID 90.0199-06/07

Reviewed By:_____

METHOD: CAL ID: ANALYST:

INITIAL CAL: IS/SS ID: ARCHIVE:

COMMENTS: ICV ID:

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: OLM-W Med-Soil
ICAL DATE: 07/13/07
ANALYST: WL
EMV:

BATCH: 070722.B

Start: 22-JUL-07 13:49
End: 22-JUL-07 18:21

Comments:

IS-VW070719A
SS-VW070719B
STD-VW070719C
LCS-VW070719D

Reviewed By: HZA 07/23/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	INTERNAL STDS DFB	INTERNAL STDS CBZ	SURROGATES DCE	SURROGATES TOL	SURROGATES BFB	DILN	FLG	COMMENTS	pH
V5H9122	13:49	BFB5B	BFB5B		AQ		*						1		ok ✓	
V5H9123	14:05	VSTD0505B	VSTD0505B		AQ		100	100	100				1		ok ✓	
V5H9124	14:33	MB-30864	VBLK5B	30864	AQ		118	117	114	103	99	89	1		ok	
V5H9125	15:03	MB-31297	VBLK5B	31297	SL		106	112	112	103	96	88	1		ok	
V5H9126	15:31	LCS-30864	V5BLCS	30864	SL		116	115	114	102	96	90	1		ok ✓	
V5H9127	16:00	LCS-31297	V5BLCS	31297	SL		106	105	106	104	94	84	1		ok ✓	
V5H9128	17:25	F0936-14D	SB10	31297	SL		116	115	123	104	92	96	1		OK, EB=137	
V5H9129	17:53	F0936-20D	SB02	31297	SL		114	111	100	104	103	80	1		OK, Acetone=22	
V5H9130	18:21	F0981-01A	SB02W	30864	AQ	1	88	61	30*	107	153*	44*	1		RRX1	7

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

HZA 07/23/07

Logbook ID 90.0199-06/07

Reviewed By:_____

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: OLM_W
ICAL DATE: 07/13/07
ANALYST: WL
EMV:

BATCH: 070723.B

Start: 23-JUL-07 10:52
End: 23-JUL-07 22:07

Comments:

IS - VW070719A
SS - VW070719B
STD - VW070719C
LCS - VW070719D

Reviewed By: ~~WL~~ 07/24/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	DFB	CBZ	SURROGATES DCE	TOL	BFB	DILN	FLG	COMMENTS	pH
V5H9130A	10:52	BFB5B	BFB5B		AQ								1		ok ✓	
V5H9130B	11:06	VSTD0505C	VSTD0505C		AQ		100	100	100				1		ok ✓	
V5H9131	11:41	MB-31298	VBLK5C	31298	AQ		114	117	111	102	101	97	1		ok ✓	
V5H9132	12:06	F0981-06A	SB12W	31298	AQ	2	112	142	130	98	104	90	1		ok ✓	
V5H9133	13:49	F0994-01A	GWET-EFF	31298	AQ	1	117	116	111	104	100	96	1		ok ✓	7
V5H9133A	14:16	F0981-01ARE	SB02WRE	31298	AQ	2	100	104	85	103	114*	75*	1		ok. ✓	2
V5H9134	14:45	F0981-02A	TB04	31298	AQ	1	107	110	104	105	103	92	1		ok	7
V5H9135	15:13	VHBLK5C	VHBLK5C	31298	AQ		128	129	124	102	101	92	1		ok (F0981, F0936)	7
V5H9135A	15:42	LCS-31298	V5CLCS	31298	AQ		93	93	93	105	100	88	1		ok ✓	
V5H9135B	16:10	F0995-02A	MW-02	31298	AQ	1	105	99	93	103	104	92	1		ok	
V5H9136	16:54	F0995-03A	MW-03	31298	AQ	1	110	108	100	105	104	91	1		ok	2
V5H9137	17:22	F0995-04A	MW-04	31298	AQ	1	105	101	93	105	104	89	1		ok	2
V5H9138	17:51	F0995-05A	MW-05	31298	AQ	1	105	101	95	103	103	89	1		ok	2
V5H9139	18:19	F0995-06A	MW-07	31298	AQ	1	102	100	94	105	103	87	1		ok	2
V5H9140	18:48	F0995-07A	MW-08	31298	AQ	1	128	133	122	104	105	93	1		ok	2
V5H9141	19:17	F0995-08A	WP-01	31298	AQ	1	124	128	118	104	104	87	1		ok	2
V5H9142	19:45	F0995-09A	TRIP BLANK	31298	AQ	1	99	94	83	104	110	89	1		ok	2
V5H9143	20:13	F0995-01AMS	MW-01MS	31298	AQ	2	92	89	87	106	101	87	1		ok	2
V5H9144	20:41	F0995-01AMSD	MW-01MSD	31298	AQ	3	90	87	84	107	101	87	1		ok	2
V5H9145	21:10	F0995-01A	MW-01	31298	AQ	1	97	82	74	104	108	87	1		ok	2
V5H9146	21:38	VHBLK5C	VHBLK5C	31298	AQ		101	92	91	105	101	86	1		ok (F0994)	2
V5H9147	22:07	VHBLK5C	VHBLK5C	31298	AQ		103	90	85	101	102	87	1		ok (F0995)	

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

WL 07/24/07

METHOD: CAL ID: ANALYST:

INITIAL CAL: IS/SS ID: ARCHIVE:

COMMENTS: ICV ID:

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: OLM_L.5 ANALYST: WL BATCH: 070724.B Start: 24-JUL-07 11:16
ICAL DATE: 07/19/07 EMV: End: 24-JUL-07 17:16

Comments:

25-VW070719A
55-VW070719B
STD-VW070719C
LCS-VW070719D

Reviewed By: HZA 07/25/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	DFB	CBZ	SURROGATES DCE	TOL	BFB	DILN	FLG	COMMENTS	pH
V5H9160	11:16	BFB5D	BFB5D		AQ		*						1		ok ✓	
V5H9161	11:33	VSTD0505D	VSTD0505D		SL		100	100	100				1		ok ✓	
V5H9162	12:15	MB-31342	VBLK5D	31342	SL		121	129	113	93	101	87	1		ok	
V5H9163	12:46	LCS-31342	V5DLCS	31342	SL		91	93	87	92	100	80	1		ok	
V5H9164	13:16	F0981-08C	MW-BR09	31342	SL	1	87	83	66	88	119	60	1		ok	
V5H9165	13:46	F0981-09C	MW-BR09	31342	SL	1	95	94	77	89	113	68	1		ok	
V5H9166	14:16	F0995-12B	TB-11	31342	SL	1	117	110	97	91	103	78	1		ok	
V5H9167	14:46	F0995-13B	TB-9 4-6	31342	SL	1	118	110	101	91	100	83	1		ok	
V5H9168	15:15	F0995-14B	TB-10 8	31342	SL	1	113	113	101	93	101	84	1		ok	
V5H9169	15:45	VHBLK5D	VHBLK5D	31342	SL		117	111	106	92	99	80	1		ok (F0981)	
V5H9170	16:16	VHBLK5D	VHBLK5D	31342	SL		111	100	93	93	101	82	1		ok (F0995)	
V5H9171	16:46	VHBLK5D	VHBLK5D	31342	SL		82	70	67	91	99	76	1		ok (F0963)	
V5H9172	17:16	VHBLK5D	VHBLK5D	31342	SL		103	97	91	93	99	82	1		ok (F0976)	

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

HZA 07/25/07

Logbook ID 90.0199-06/07

Reviewed By:_____

METHOD: CAL ID: ANALYST:

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: OLM-4.3
ICAL DATE: 08/02/07

ANALYST: WL
EMV:

BATCH: 070802A.B

Start: 02-AUG-07 23:02
End: 03-AUG-07 10:36

Comments:

IS-VW 070801A
SS-VW 070801B
STD-VW 070801C
LCS-VW 070801D

Reviewed By: SB 8/3/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	INTERNAL STDS DFB	INTERNAL STDS CBZ	SURROGATES DCE	SURROGATES TOL	SURROGATES BFB	DILN	FLG	COMMENTS	pH
V5H9462	23:02	BFB5Z	BFB5Z		AQ											
V5H9463	23:32	VSTD0505Z	VSTD0505Z		SL		100	100	100				1		ok	
V5H9464	00:03	VSTD0205Z	VSTD0205Z		SL		101	102	99				1		ok	
V5H9465	00:33	VSTD0105Z	VSTD0105Z		SL		103	108	101				1		ok	
V5H9466	01:02	VSTD2005Z	VSTD2005Z		SL		103	105	103				1		ok	
V5H9467	01:32	VSTD1005Z	VSTD1005Z		SL		98	101	93				1		ok	
V5H9469	03:03	MB-31518	VBLKA5	31518	SL		113	106	104	100	100	95	1		ok	
V5H9470	03:33	LCS-31518	VA5LCS	31518	SL		87	86	81	99	98	91	1		ok	
V5H9471	04:03	F0981-10C	MW-BR10	31518	SL	1	62	54	31*	90	152*	42*	1		RLX1	
V5H9472	04:33	F0981-11C	MW-BR12	31518	SL	1	70	64	36*	94	155*	47*	1		ok	
V5H9473	05:03	F0981-11CMS	MW-BR12MS	31518	SL	2	69	58	37*	91	136	33*	1		ok Matrix effect	
V5H9474	05:32	F0981-11CMSD	MW-BR12MSD	31518	SL	3	67	53	31*	89	153*	30*	1		ok	
V5H9475	06:02	F1025-01C	MW-BR11	31518	SL	1	85	79	61	91	117	60	1		ok	
V5H9476	06:32	VHBLKA5	VHBLKA5	31518	SL		117	109	107	98	97	90	1		ok (F1025)	
V5H9477	07:02	VHBLKA5	VHBLKA5	31518	SL		121	113	107	97	97	89	1		ok (R4)	
V5H9478	10:06	F0981-10C	MW-BR10	31518	SL	2	83	93	73	98	116	63	1		ok	
V5H9479	10:36	VHBLKA5	VHBLKA5	31518	SL		113	116	111	98	99	91	1		ok (F0981)	

981 - clp4

1025 - clp4

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

Logbook ID 90.0199-06/07

Reviewed By:_____

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: 04M_W
ICAL DATE: 08/01/07

ANALYST: WL
EMV:

BATCH: 070801A.B

Start: 01-AUG-07 14:00
End: 02-AUG-07 02:42

Comments:

IS-VW07801A
SS-VW70801B
STD-VW070501C
LCS-VW070801D

Reviewed By: SB 8/3/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	INTERNAL STDS DFB	INTERNAL STDS CBZ	SURROGATES DCE	SURROGATES TOL	SURROGATES BFB	DILN	FLG	COMMENTS	pH
V5H9407	14:00	BFB5X	BFB5X		AQ											
V5H9408	14:15	VSTD0505X	VSTD0505X		AQ		100	100	100				1		ok	
V5H9409	14:44	VSTD0205X	VSTD0205X		AQ		108	109	108				1		ok	
V5H9410	15:13	VSTD0105X	VSTD0105X		AQ		103	104	98				1		ok	
V5H9411	15:41	VSTD2005X	VSTD2005X		AQ		105	108	104				1		ok	
V5H9412	16:10	VSTD1005X	VSTD1005X		AQ		105	104	106				1		ok	
V5H9414	17:08	MB-31493	VBLK5X	31493	AQ		115*	111	112	98	97	104	1		ok	
V5H9415	18:38	LCS-31493	V5XLCS	31493	AQ		114	111	110	98	96	109	1		ok	
V5H9415A	19:07	F1048-01A	AS-1	31493	AQ	1	125	123	126	98	95	103	1		ok	
V5H9415B	19:35	F1048-02A	EW-1	31493	AQ	1	115	109	113	97	96	103	1		ok	
V5H9416	20:04	F1025-02D	RB	31493	AQ	1	119	116	118	100	95	100	1		ok	7
V5H9417	20:32	F1025-03A	TB06	31493	AQ	1	113	110	113	98	95	101	1		ok	7
V5H9418	21:01	F1016-01A	276MW1-6	31493	AQ	1	113	108	109	95	98	104	1		ok	7
V5H9419	21:29	F1016-02A	277FB	31493	AQ	1	114	110	109	94	96	101	1		ok	7
V5H9420	21:58	F1016-03A	278MW1-7	31493	AQ	1	111	105	109	96	93	97	1		ok	7
V5H9421	22:26	F1016-03AMS	278MW1-7MS	31493	AQ	2	104	96	99	97	95	100	1	E	RRx4, dir-PCE=320	2
V5H9422	22:55	F1016-03AMSD	278MW1-7MSD	31493	AQ	3	106	100	101	96	99	104	1	E	ok	2
V5H9423	23:23	F1016-04A	279MW1-22	31493	AQ	1	101	101	104	104	94	103	1	E	ok	2
V5H9424	23:51	F1016-05A	280MW1-8	31493	AQ	1	86	97	101	120*	95	108	1	E	dir-PCE=64ff, RRx200	2
V5H9425	00:19	F1016-06A	281MW1-11	31493	AQ	1	88	96	102	114*	92	108	1	E	dir-PCE=15K, RRx1000	2
V5H9426	00:48	F1016-07A	282TB	31493	AQ	1	120	117	117	98	96	99	1	E	dir-PCE=19K, RRx1000	2
V5H9427	01:16	F1044-01A	TRIP BLANK	31493	AQ	1	117	114	111	97	98	99	1	E	RRx1	2
V5H9429	01:45	F1044-03A	J-0-1	31493	AQ	1	114	107	104	94	101	106	1		RRx1	2
V5H9430	02:13	F1044-04A	J-12-3	31493	AQ	1	112	109	110	95	98	105	1	T	RRx1	2
V5H9431	02:42	F1044-05A	J-12-2	31493	AQ	1	110	107	110	98	95	99	1	T	RRx1	2

carry-over

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

WL 08/02/07

Mitkem Corporation
Volatiles Laboratory

Instrument V5 Injection Log

METHOD: CLP_W
ICAL DATE: 08/01/07

ANALYST: WL
EMV:

BATCH: 070809.B

Start: 09-AUG-07 12:04
End: 10-AUG-07 00:07

Comments:

I5-V5-0)080914
SS-V5-0)080918
STM-V5-0)080910
LCS-V5-0)080910

8/10/07
Reviewed By: ~~SB~~ 8/10/08

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	BN	INTERNAL STDS BCM	INTERNAL STDS DFB	INTERNAL STDS CBZ	SURROGATES DCE	SURROGATES TOL	SURROGATES BFB	DILN	FLG	COMMENTS	pH
V5H9570	12:04	BFBF5	BFBF5		AQ								1		ok	
V5H9571	12:20	VSTD050F5	VSTD050F5		AQ		100	100	100				1		ok	
V5H9572	12:48	MB-31618	VBLKF5	31618	AQ		121	118	119	94	96	92	1		ok	
V5H9573	13:17	VHBLKF5	VHBLKF5	31618	AQ		122	116	118	92	99	93	1		ok	
V5H9573A	13:45	LCS-31618	VF5LCS	31618	AQ		97	94	93	92	102	89	1		ok	
V5H9574	14:13	F1078-03ADL	OTMI-MWBR-3DL	31618	AQ	2	114	107	107	87	100	96	50		ok, Toluene=96	2
V5H9575	14:42	F1078-04A	OTMI-MWBR-1	31618	AQ	2	114	109	108	93	98	94	1		ok	2
V5H9576A	16:07	F1078-06A	OTMI-MWI-1	31618	AQ	1	109	106	106	96	98	90	1		ok	2
V5H9577	16:52	F1078-07A	OTMI-MWBR-5	31618	AQ	1	118	141	131	88	103	87	1		ok	2
V5H9578	17:21	F1078-08A	OTMI-MWBR-4	31618	AQ	1	110	106	104	89	100	86	1		ok	2
V5H9579	17:49	F1078-09A	OTMI-MWBR-9	31618	AQ	1	109	137	117	87	107	89	1		ok	2
V5H9580	18:18	F1078-09AMS	OTMI-MWBR-9MS	31618	AQ	2	78	84	81	89	102	88	1		ok	2
V5H9581	18:46	F1078-09AMSD	OTMI-MWBR-9MSD	31618	AQ	3	83	80	77	92	102	89	1		ok	2
V5H9582	19:15	F1078-10A	OTMI-MWBR-9-D	31618	AQ	1	110	105	104	94	103	90	1		ok	2
V5H9583	19:43	F1078-11A	OTMI-MWI-4	31618	AQ	1	111	133	122	86	104	87	1		ok	2
V5H9584	20:12	F1078-12A	OTMI-MWI-2	31618	AQ	1	106	103	97	92	103	86	1		ok	2
V5H9585	20:41	F1078-13A	OTMI-MWI-5	31618	AQ	1	108	97	95	92	100	87	1		ok	2
V5H9586	21:09	F1078-14A	OTMI-TB02	31618	AQ	1	132	127	127	89	96	87	1		ok	2
V5H9587	21:43	F1078-15A	OTMI-MWBR-10	31618	AQ	1	145	138	134	89	98	89	1		ok	2
V5H9588	22:13	F1078-16A	OTMI-MWBR-12	31618	AQ	1	113	103	102	92	100	90	1		ok	2
V5H9589	22:42	F1078-17A	OTMI-MWBR-8	31618	AQ	1	113	132	122	84	104	87	1		ok	2
V5H9590	23:11	F1078-18A	OTMI-MWBR-7	31618	AQ	1	135	132	129	91	102	92	1		ok	2
V5H9591	23:39	F1078-19A	OTMI-TB3	31618	AQ	1	110	102	100	92	100	86	1		ok	2
V5H9592	00:07	F1090-01A	MRC-TB01	31618	AQ	1	103	98	99	94	97	86	1	T	RRX1	2

E - One or more target compounds are above the calibration range - (flagged by L5 ICAL area if SOM1.0)
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limit
D - Surrogates are diluted

WL 08/10/07

MITKEM CORPORATION: VOLATILE SAMPLES RECEIVING LOGBOOK

VOA Log-In Date	Workorder	Client	Sample Numbers	Relinquished by:	Received by:	Pres. Used	F/R#	Returned to R1
7-17-07	F09736	ENE	20C	CW	HZA	F	F1Ø	
	F09736	ENE	20D			M	R1Ø	
	F09779	Barton	01B, 02B			US	R1Ø	
	F09775	EPA	19A-20A			H	R1Ø	
	F09800	EPA	01A-19A			H	R1Ø	
7-17-07	F09803	Day	11	CW	HZA	US	R9	
7-18-07	F09811	ENE	01A, 02A, 04A			UA	R1Ø	
	F09811	ENE	03C-05C			F	F1Ø	
	F09811	ENE	03D-05D			M	R1Ø	
	F09822	Day	01A-12A			H	R1Ø	
	F09803	Day	21			US	R9	
	F09814	Mitkem	05A			M	R1Ø	
7-18-07	F09814	Mitkem	04A	CW		F	F1Ø	
7-19-07	F09834	Tetra	01B-03B	CW	HZA	F	F1Ø	

Logbook ID 90.0191-04/07

Reviewed By: HZA 07/23/07

"Preservative Used" Key

UA = Unpreserved Aqu. **H** = HCL **A** = Air **M**= MeOH **E** = Encore
US = Unpreserved Soil **N** = $NaHSO_4$ **F** = Freeze **T**= Trace, HCL

MITKEM CORPORATION: VOLATILE SAMPLES RECEIVING LOGBOOK

VOA Log-In Date	Workorder	Client	Sample Numbers	Relinquished by:	Received by:	Pres. Used	F/R#	Returned to R1
7.18.07	F0984	Tetra	01C-03C	CW	HZA	M		
	F0974	Tetra	15B-19B			F	F10	
	F0974	Tetra	15C-19C			M	R10	
	F0955	Tetra	23A-29A, 31A			H	R10	
	F0987	ENE	07C			F	F10	
	F0981	ENE	07D			M	R10	
	F0988	Envirotech	01A-04A			H	R9	
	F0991	ERM	01-11			US	R9	KP
7.18.07	F0991	ERM	12, 13A	CW	HZA	H	R9	
7.20.07	F0994	URS	01A			H	R9	
	F0995	Dow	01A-09A			H	R9	
	F0995	Dow	12B-14B			US	R9	
	F0981	ENE	08C			F	F10	
7.20.07	F0981	ENE	08D	CW	HZA	M	R10	

Logbook ID 90.0191-04/07

Reviewed By: HZA 07/23/07

"Preservative Used" Key

UA = Unpreserved Aqu. **H** = HCL **A** = Air **M**= MeOH **E** = Encore

US = Unpreserved Soil **N** = $NaHSO_4$ **F** = Freeze **T**= Trace, HCL

SGS

MITKEM CORPORATION: VOLATILE SAMPLES RECEIVING LOGBOOK

VOA Log-In Date	Workorder	Client	Sample Numbers	Relinquished by:	Received by:	Pres. Used	F/R#	Returned to R1
7-20-07	F00996	Chozen	01A		NZA	UA	R9	
	F00996	Chozen	02C			US	R9	
	F00997	EPA	01A, 02A, 05A-13A			H	R9	
	F00998	EPA	01A-06A			H	R9	
	F00999	URS	01A-04A			H	R9	
	F10000	EPA	01A-05A			T	R4	
	F10001	EPA	01B			E	F10	
7-20-07	F10002	PhotoLab	03A		NZA	H	R9	
7-23-07	F10004	Mitkem	01A			H	R9	
7-23-07	F10005	Mitkem	01A, 02A			H	R9	
7-23-07	F00999	URS	05, 06A		NZA	H	R9	
7-24-07	F00978	EPA	05A-08A 48hr. TAT			H	R10	
7-24-07	F00981	ENE	09C			F	F10	
7-24-07	F00981	ENE	09D		NZA	NA	R10	

Logbook ID 90.0191-04/07

Reviewed By: NZA 07/24/07

"Preservative Used" Key

UA = Unpreserved Aqu. **H** = HCL **A** = Air **M**= MeOH **E** = Encore

US = Unpreserved Soil **N** = $NaHSO_4$ **F** = Freeze **T**= Trace, HCL

6365

MITKEM CORPORATION: VOLATILE SAMPLES RECEIVING LOGBOOK

VOA Log-In Date	Workorder	Client	Sample Numbers	Relinquished by:	Received by:	Pres. Used	F/R#	Returned to R1
7.24.07	F1007	Earthtech	001A-003A	CW	NZA	H	R10	
7.24.07	F1009	EPA	001A-007A	CW		T	R4	
7.25.07	F1013	Tetra	001B-20DB			F	F10	
	F1013	↓	001C-20DC			M	R9	
	F1014	↓	001B-19B			F	F10	
	F1014	Tetra	001C-19C			M	R9	
	F1015	Day	001A, 002A			H	R10	
	F1009	EPA	008A-18A			T	R4	
	F0981	ENE	10DC-11C			F	F10	
	F0981	ENE	10D-11D			M	R10	
	F1018	CBG	001A			A	R10	
	F1019	LRS	001A-004A			H	R9	
↓	F1020	EPA	001A-20DA		↓	T	R13	
7.25.07	F1021	EPA	001A-15A	CW	NZA	T	R13	

Logbook ID 90.0191-04/07

Reviewed By: NZA 07/24/07

"Preservative Used" Key

UA = Unpreserved Aqu. **H** = HCL **A** = Air **M**= MeOH **E** = Encore
US = Unpreserved Soil **N** = $NaHSO_4$ **F** = Freeze **T**= Trace, HCL

1668

MITKEM CORPORATION: VOLATILE SAMPLES RECEIVING LOGBOOK

VOA Log-In Date	Workorder	Client	Sample Numbers	Relinquished by:	Received by:	Pres. Used	F/R#	Returned to R1
7.25.07	F1022	RIRRC	01A	CW	HZA	H	R1	
7.26.07	F1016	Day	03A-07A			H	R1	
	F1009	EPA	18A, 19A 7 Day TAT			T	R1	
	F1017	EPA	02B-13B 7 Day TAT			F	F1	
	F1017	EPA	02C-13C 7 Day TAT			M	R1	
	F1024	EPA	01A-03A			H	R1	
	F1025	ENE	01C			F	F1	
	F1025	ENE	01D			M	R1	
	F1026	HDR/LMS	01A-10A			H	R1	
	F1021	EPA	11A-20A			T	R3	
	F1027	EPA	01A-08A			T	R1	
	F1028	MITKEM	01A			H	R1	
	F1029	MITKEM	01A-03A			H	R1	
7.26.07	F1030	D3B	02A 04A, 01A	CW	HZA	US	R1	

Logbook ID 90.0191-04/07

Reviewed By: HZA 07/29/07

"Preservative Used" Key

UA = Unpreserved Aqu. H = HCL A = Air M= MeOH E = Encore

US = Unpreserved Soil N = $NaHSO_4$ F = Freeze T= Trace, HCL

MITKEM CORPORATION

* Semivolatile Organics *

2D
SOIL SEMIVOLATILE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Level: (low/med) LOW

	EPA SAMPLE NO.	S1 (NBZ) #	S2 (FBP) #	S3 (TPH) #	S4 (PHL) #	S5 (2FP) #	S6 (TBP) #	S7 (2CP) #	S8 (DCB) #	TOT OUT
01	SBLK3Q	73	73	75	71	75	60	75	72	0
02	S3QLCS	75	75	76	72	74	63	75	73	0
03	MW-BR09A	69	67	69	66	69	59	70	67	0
04	SBLK3R	73	72	72	70	72	56	73	70	0
05	SBLK3S	73	71	72	71	74	56	74	72	0
06	S3RLCS	76	75	73	72	73	66	76	72	0
07	S3SLCS	71	72	72	70	70	61	73	69	0
08	MW-BR10	69	69	72	65	70	60	69	67	0
09	MW-BR12	70	70	73	67	72	63	72	67	0
10	MW-BR12MS	71	74	78	70	72	70	74	69	0
11	MW-BR12MSD	72	72	74	69	71	68	73	70	0
12	SB06	66	65	69	60	64	61	65	63	0
13	MW-BR09B	69	68	72	57	57	41	59	65	0
14	SB12	69	70	69	64	66	57	67	66	0
15	SB12/D	74	77	71	69	71	66	74	71	0
16	MW-BR07	60	64	64	41	17*	5*	27	58	2
17	SBLK3Y	74	73	77	68	69	63	73	73	0
18	S3YLCS	70	73	74	66	66	69	70	68	0
19	MW-BR07RE	61	64	63	54	56	53	58	57	0
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										

		QC LIMITS	
S1 (NBZ)	= Nitrobenzene-d5	(23-120)	
S2 (FBP)	= 2-Fluorobiphenyl	(30-115)	
S3 (TPH)	= Terphenyl-d14	(18-137)	
S4 (PHL)	= Phenol-d5	(24-113)	
S5 (2FP)	= 2-Fluorophenol	(25-121)	
S6 (TBP)	= 2,4,6-Tribromophenol	(19-122)	
S7 (2CP)	= 2-Chlorophenol-d4	(20-130)	(advisory)
S8 (DCB)	= 1,2-Dichlorobenzene-d4	(20-130)	(advisory)

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

3D

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - EPA Sample No.: MW-BR12 Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	2900	0.0	2100	72	26- 90
2-Chlorophenol	2900	0.0	2100	72	25-102
N-Nitroso-di-n-prop.(1)	1900	0.0	1300	68	41-126
4-Chloro-3-Methylphenol	2900	0.0	2300	79	26-103
Acenaphthene	1900	0.0	1400	74	31-137
4-Nitrophenol	2900	0.0	2300	79	11-114
2,4-Dinitrotoluene	1900	0.0	1300	68	28- 89
Pentachlorophenol	2900	0.0	1600	55	17-109
Pyrene	1900	0.0	1100	58	35-142

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	2900	2000	69	4	35	26- 90
2-Chlorophenol	2900	2000	69	4	50	25-102
N-Nitroso-di-n-prop.(1)	1900	1200	63	8	38	41-126
4-Chloro-3-Methylphenol	2900	2100	72	9	33	26-103
Acenaphthene	1900	1300	68	8	19	31-137
4-Nitrophenol	2900	2100	72	9	50	11-114
2,4-Dinitrotoluene	1900	1200	63	8	47	28- 89
Pentachlorophenol	2900	1100	38	37	47	17-109
Pyrene	1900	1000	53	9	36	35-142

(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 9 outside limits
Spike Recovery: 0 out of 18 outside limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - Sample No.: S3QLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenol	2500		1800	72	12-110
2-Chlorophenol	2500		1900	76	27-123
N-Nitroso-di-n-prop.(1)	1700		1100	65	41-116
4-Chloro-3-Methylphenol	2500		2000	80	23- 97
Acenaphthene	1700		1200	71	46-118
4-Nitrophenol	2500		1900	76	10- 80
2,4-Dinitrotoluene	1700		1200	71	24- 96
Pentachlorophenol	2500		840	34	9-103
Pyrene	1700		940	55	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: 0 out of 9 outside limits

COMMENTS: _____

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - Sample No.: S3RLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenol	2500		1800	72	26- 90
2-Chlorophenol	2500		1900	76	25-102
N-Nitroso-di-n-prop.(1)	1700		1200	71	41-126
4-Chloro-3-Methylphenol	2500		2000	80	26-103
Acenaphthene	1700		1200	71	31-137
4-Nitrophenol	2500		1900	76	11-114
2,4-Dinitrotoluene	1700		1200	71	28- 89
Pentachlorophenol	2500		1300	52	17-109
Pyrene	1700		920	54	35-142

(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: 0 out of 9 outside limits

COMMENTS: _____

FORM III SV

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - Sample No.: S3SLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenol	2500		1800	72	26- 90
2-Chlorophenol	2500		1800	72	25-102
N-Nitroso-di-n-prop.(1)	1700		1100	65	41-126
4-Chloro-3-Methylphenol	2500		1900	76	26-103
Acenaphthene	1700		1100	65	31-137
4-Nitrophenol	2500		1800	72	11-114
2,4-Dinitrotoluene	1700		1100	65	28- 89
Pentachlorophenol	2500		970	39	17-109
Pyrene	1700		910	54	35-142

(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: 0 out of 9 outside limits

COMMENTS: _____

_____

FORM III SV

FORM 3
SOIL SEMIVOLATILE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - Sample No.: S3YLCS Level: (low/med) LOW

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
Phenol	2500		1700	68	26- 90
2-Chlorophenol	2500		1700	68	25-102
N-Nitroso-di-n-prop.(1)	1700		1100	65	41-126
4-Chloro-3-Methylphenol	2500		1800	72	26-103
Acenaphthene	1700		1100	65	31-137
4-Nitrophenol	2500		1700	68	11-114
2,4-Dinitrotoluene	1700		1100	65	28- 89
Pentachlorophenol	2500		1700	68	17-109
Pyrene	1700		870	51	35-142

(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: 0 out of 9 outside limits

COMMENTS: _____

FORM III SV

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK3R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: S3E5196 Lab Sample ID: MB-31231

Instrument ID: S3 Date Extracted: 07/18/07

Matrix: (soil/water) SOIL Date Analyzed: 08/10/07

Level: (low/med) LOW Time Analyzed: 1656

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	SB06	F0981-03A	S3E5205	08/10/07
02	SB12	F0981-04A	S3E5208	08/10/07
03	SB12/D	F0981-05A	S3E5209	08/10/07
04				
05				
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COMMENTS: _____

0396

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK3S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: S3E5197 Lab Sample ID: MB-31309

Instrument ID: S3 Date Extracted: 07/23/07

Matrix: (soil/water) SOIL Date Analyzed: 08/10/07

Level: (low/med) LOW Time Analyzed: 1730

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	MW-BR09B	F0981-08A	S3E5206	08/10/07
02	MW-BR07	F0981-07A	S3E5210	08/11/07
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COMMENTS: _____

0397

4B

EPA SAMPLE NO.

SEMIVOLATILE METHOD BLANK SUMMARY

SBLK3Q

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: S3E5193 Lab Sample ID: MB-31474

Instrument ID: S3 Date Extracted: 08/01/07

Matrix: (soil/water) SOIL Date Analyzed: 08/10/07

Level: (low/med) LOW Time Analyzed: 1447

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	MW-BR09A	F0981-09A	S3E5195	08/10/07
02	MW-BR10	F0981-10A	S3E5200	08/10/07
03	MW-BR12	F0981-11A	S3E5201	08/10/07
04	MW-BR12MS	F0981-11AMS	S3E5203	08/10/07
05	MW-BR12MSD	F0981-11AMSD	S3E5204	08/10/07
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COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK3Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: S3E5322 Lab Sample ID: MB-31655

Instrument ID: S3 Date Extracted: 08/13/07

Matrix: (soil/water) SOIL Date Analyzed: 08/15/07

Level: (low/med) LOW Time Analyzed: 1201

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	MW-BR07RE	F0981-07ARE	S3E5324	08/15/07
02				
03				
04				
05				
06				
07				
08				
09				
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COMMENTS: _____

5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: S3E5150 DFTPP Injection Date: 08/09/07

Instrument ID: S3 DFTPP Injection Time: 1313

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	32.8
68	Less than 2.0% of mass 69	0.7 (1.6)1
69	Mass 69 relative abundance	42.6
70	Less than 2.0% of mass 69	0.3 (0.6)1
127	25.0 - 75.0% of mass 198	40.2
197	Less than 1.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	24.9
365	Greater than 0.75% of mass 198	2.72
441	Present, but less than mass 443	10.4
442	40.0 - 110.0% of mass 198	74.4
443	15.0 - 24.0% of mass 442	14.5 (19.4)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	SSTD0503M	SSTD0503M	S3E5151	08/09/07	1345
02	SSTD1603M	SSTD1603M	S3E5152	08/09/07	1443
03	SSTD0203M	SSTD0203M	S3E5153	08/09/07	1516
04	SSTD1203M	SSTD1203M	S3E5154	08/09/07	1549
05	SSTD0803M	SSTD0803M	S3E5155	08/09/07	1622
06					
07					
08					
09					
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19					
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22					

5B
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: S3E5190 DFTPP Injection Date: 08/10/07

Instrument ID: S3 DFTPP Injection Time: 1238

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	37.3
68	Less than 2.0% of mass 69	0.8 (1.9)1
69	Mass 69 relative abundance	42.9
70	Less than 2.0% of mass 69	0.5 (1.1)1
127	25.0 - 75.0% of mass 198	40.5
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	26.9
365	Greater than 0.75% of mass 198	3.24
441	Present, but less than mass 443	12.5
442	40.0 - 110.0% of mass 198	87.6
443	15.0 - 24.0% of mass 442	16.5 (18.8)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	SSTD0503O	SSTD0503O	S3E5191A	08/10/07	1340
02	SBLK3Q	MB-31474	S3E5193	08/10/07	1447
03	S3QLCS	LCS-31474	S3E5194	08/10/07	1521
04	MW-BR09A	F0981-09A	S3E5195	08/10/07	1622
05	SBLK3R	MB-31231	S3E5196	08/10/07	1656
06	SBLK3S	MB-31309	S3E5197	08/10/07	1730
07	S3RLCS	LCS-31231	S3E5198	08/10/07	1803
08	S3SLCS	LCS-31309	S3E5199	08/10/07	1838
09	MW-BR10	F0981-10A	S3E5200	08/10/07	1912
10	MW-BR12	F0981-11A	S3E5201	08/10/07	1946
11	MW-BR12MS	F0981-11AMS	S3E5203	08/10/07	2020
12	MW-BR12MSD	F0981-11AMSD	S3E5204	08/10/07	2054
13	SB06	F0981-03A	S3E5205	08/10/07	2128
14	MW-BR09B	F0981-08A	S3E5206	08/10/07	2202
15	SB12	F0981-04A	S3E5208	08/10/07	2312
16	SB12/D	F0981-05A	S3E5209	08/10/07	2346
17	MW-BR07	F0981-07A	S3E5210	08/11/07	0021
18					
19					
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21					
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0401

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab File ID: S3E5320 DFTPP Injection Date: 08/15/07

Instrument ID: S3 DFTPP Injection Time: 1055

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 80.0% of mass 198	37.1
68	Less than 2.0% of mass 69	0.5 (1.1)1
69	Mass 69 relative abundance	42.6
70	Less than 2.0% of mass 69	0.3 (0.7)1
127	25.0 - 75.0% of mass 198	41.1
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	26.7
365	Greater than 0.75% of mass 198	3.49
441	Present, but less than mass 443	12.0
442	40.0 - 110.0% of mass 198	87.3
443	15.0 - 24.0% of mass 442	16.6 (19.0)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	SBLK3Y	MB-31655	S3E5322	08/15/07	1201
02	S3YLCS	LCS-31655	S3E5323	08/15/07	1235
03	MW-BR07RE	F0981-07ARE	S3E5324	08/15/07	1309
04					
05					
06					
07					
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0462

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

EPA Sample No. (SSTD050##): SSTD0503O Date Analyzed: 08/10/07

Lab File ID (Standard): S3E5191A Time Analyzed: 1340

Instrument ID: S3 GC Column: DB-5MS ID: 0.25 (mm)

		IS1(DCB) AREA #	RT #	IS2(NPT) AREA #	RT #	IS3(ANT) AREA #	RT #
	12 HOUR STD	710094	5.42	2624538	7.69	1523532	11.12
	UPPER LIMIT	1420188	5.92	5249076	8.19	3047064	11.62
	LOWER LIMIT	355047	4.92	1312269	7.19	761766	10.62
	EPA SAMPLE NO.						
01	SBLK3Q	756762	5.42	2803913	7.68	1629437	11.12
02	S3QLCS	777226	5.42	2817378	7.68	1635689	11.12
03	MW-BR09A	853436	5.42	3157715	7.68	1832165	11.12
04	SBLK3R	786791	5.42	2884976	7.68	1663191	11.12
05	SBLK3S	866518	5.42	3207518	7.68	1874944	11.12
06	S3RLCS	917336	5.42	3300362	7.68	1869966	11.12
07	S3SLCS	876528	5.42	3212232	7.68	1824717	11.12
08	MW-BR10	751021	5.42	2737310	7.68	1571586	11.12
09	MW-BR12	761877	5.42	2796414	7.68	1602637	11.12
10	MW-BR12MS	702883	5.42	2580734	7.68	1454888	11.12
11	MW-BR12MSD	829626	5.43	2964172	7.68	1685245	11.12
12	SB06	1031317	5.42	3646160	7.68	2048460	11.12
13	MW-BR09B	1201869	5.42	4120888	7.68	2272380	11.12
14	SB12	895062	5.42	3214346	7.68	1836402	11.12
15	SB12/D	819600	5.43	2956598	7.68	1664974	11.12
16	MW-BR07	770711	5.43	2845956	7.69	1640769	11.12
17							
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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.: MF0981

EPA Sample No. (SSTD050##): SSTD0503O Date Analyzed: 08/10/07

Lab File ID (Standard): S3E5191A Time Analyzed: 1340

Instrument ID: S3 GC Column: DB-5MS ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2629038	13.32	3116171	16.74	2815162	18.54
	UPPER LIMIT	5258076	13.82	6232342	17.24	5630324	19.04
	LOWER LIMIT	1314519	12.82	1558086	16.24	1407581	18.04
	EPA SAMPLE NO.						
01	SBLK3Q	2824664	13.32	3099284	16.74	2728219	18.54
02	S3QLCS	2829236	13.31	3090929	16.73	2708525	18.54
03	MW-BR09A	3153707	13.32	3403317	16.74	3025273	18.54
04	SBLK3R	2885786	13.31	3124141	16.73	2739142	18.54
05	SBLK3S	3196721	13.31	3440254	16.74	3075810	18.54
06	S3RLCS	3190211	13.31	3421050	16.74	3009358	18.54
07	S3SLCS	3110544	13.31	3325472	16.74	2877105	18.54
08	MW-BR10	2689000	13.31	2892723	16.74	2517411	18.54
09	MW-BR12	2706323	13.31	2901047	16.74	2529508	18.54
10	MW-BR12MS	2545661	13.31	2756597	16.74	2400348	18.54
11	MW-BR12MSD	2870211	13.32	3042558	16.74	2627493	18.54
12	SB06	3316080	13.32	3266132	16.74	2758493	18.54
13	MW-BR09B	3544298	13.31	3347473	16.74	2909305	18.54
14	SB12	2937367	13.31	3149399	16.74	3113793	18.55
15	SB12/D	2762452	13.32	3191174	16.75	3202707	18.56
16	MW-BR07	2794017	13.32	3321357	16.76	3209307	18.57
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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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

EPA Sample No. (SSTD050##): SSTD0503S Date Analyzed: 08/15/07

Lab File ID (Standard): S3E5321 Time Analyzed: 1119

Instrument ID: S3 GC Column: DB-5MS ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	642287	5.01	2258758	7.19	1232328	10.71
	UPPER LIMIT	1284574	5.51	4517516	7.69	2464656	11.21
	LOWER LIMIT	321144	4.51	1129379	6.69	616164	10.21
	EPA SAMPLE NO.						
01	SBLK3Y	783887	5.01	2718281	7.18	1503420	10.70
02	S3YLCS	774847	5.01	2660653	7.18	1438750	10.70
03	MW-BR07RE	771758	5.01	2581558	7.18	1415632	10.70
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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.: MF0981

EPA Sample No. (SSTD050##): SSTD0503S Date Analyzed: 08/15/07

Lab File ID (Standard): S3E5321 Time Analyzed: 1119

Instrument ID: S3 GC Column: DB-5MS ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	2131645	12.93	2526453	16.35	2330078	18.05
	UPPER LIMIT	4263290	13.43	5052906	16.85	4660156	18.55
	LOWER LIMIT	1065823	12.43	1263227	15.85	1165039	17.55
	EPA SAMPLE NO.						
01	SBLK3Y	2466139	12.93	2602699	16.35	2363748	18.05
02	S3YLCS	2386382	12.93	2591417	16.35	2333344	18.05
03	MW-BR07RE	2425484	12.93	2996237	16.36	3145098	18.07
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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

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5210

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/11/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	150	J
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	260	J
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	93	J
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	180	J
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	400	U
606-20-2	2,6-Dinitrotoluene	400	U
208-96-8	Acenaphthylene	250	J
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	230	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5210

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/11/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	220	J
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
86-73-7	Fluorene	300	J
7005-72-3	4-Chlorophenyl-phenylether	400	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	2200	
120-12-7	Anthracene	740	
86-74-8	Carbazole	330	J
84-74-2	Di-n-butylphthalate	68	J
206-44-0	Fluoranthene	2300	
129-00-0	Pyrene	2000	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	1500	
218-01-9	Chrysene	1700	
117-81-7	bis(2-Ethylhexyl)phthalate	100	J
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	1900	
207-08-9	Benzo(k)fluoranthene	950	
50-32-8	Benzo(a)pyrene	1300	
193-39-5	Indeno(1,2,3-cd)pyrene	740	
53-70-3	Dibenzo(a,h)anthracene	260	J
191-24-2	Benzo(g,h,i)perylene	670	

(1) - Cannot be separated from Diphenylamine

6408

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR07

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5210

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/11/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

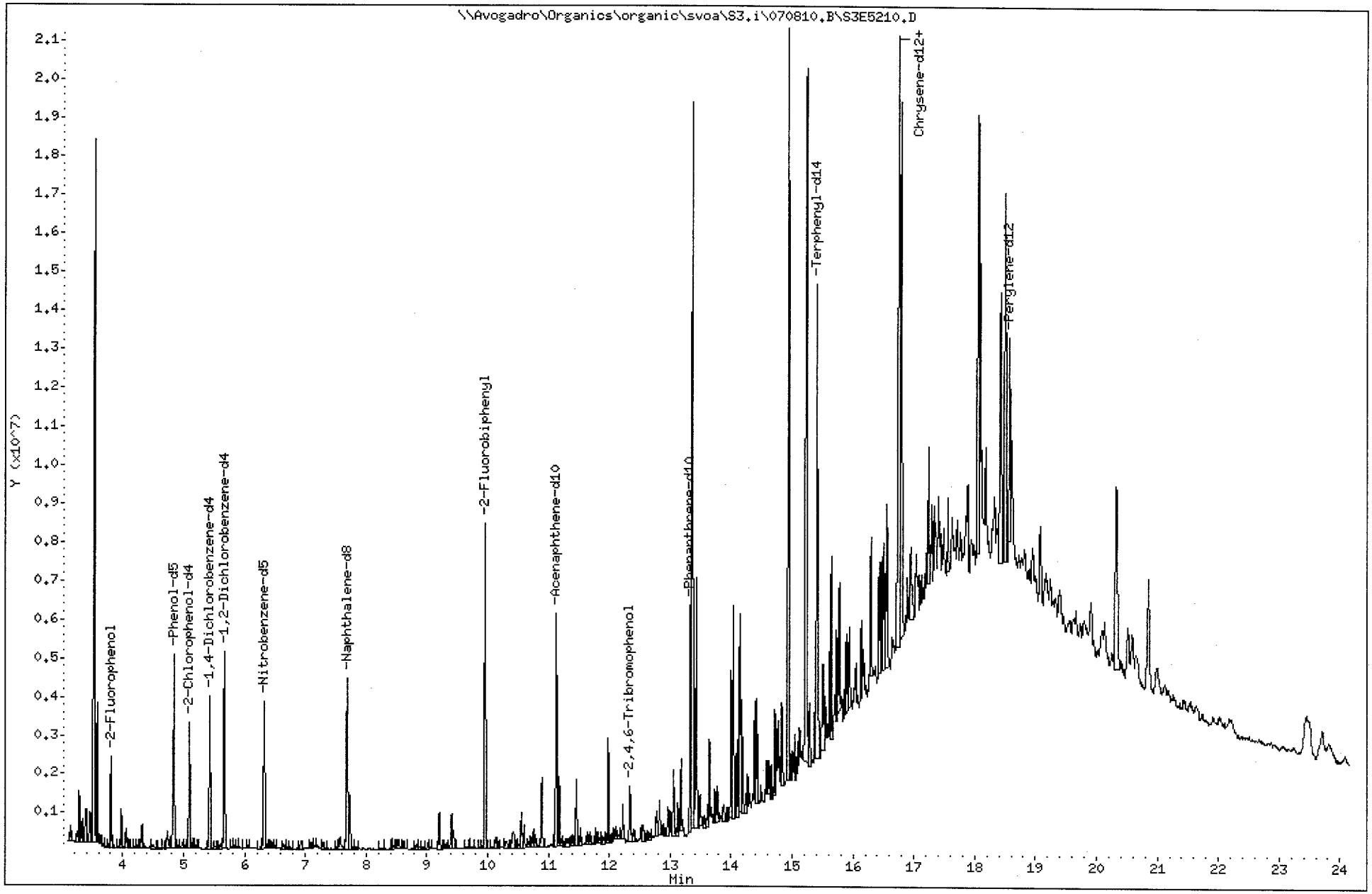
Number TICs found: 30

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	90-12-0	NAPHTHALENE, 1-METHYL-	9.41	150	NJ
2.	575-43-9	NAPHTHALENE, 1,6-DIMETHYL-	10.42	120	NJ
3.	571-58-4	NAPHTHALENE, 1,4-DIMETHYL-	10.56	150	NJ
4.	1730-37-6	9H-FLUORENE, 1-METHYL-	12.78	120	NJ
5.	1430-97-3	9H-FLUORENE, 2-METHYL-	12.82	110	NJ
6.		UNKNOWN	12.97	130	J
7.	486-25-9	9H-FLUOREN-9-ONE	13.05	260	NJ
8.		UNKNOWN	13.12	130	J
9.	132-65-0	DIBENZOTHIOPHENE	13.18	210	NJ
10.	260-94-6	ACRIDINE	13.47	100	NJ
11.	2444-68-0	ANTHRACENE, 9-ETHENYL-	13.73	120	NJ
12.		UNKNOWN	13.77	130	J
13.	2531-84-2	PHENANTHRENE, 2-METHYL-	14.00	450	NJ
14.	2531-84-2	PHENANTHRENE, 2-METHYL-	14.04	620	NJ
15.	613-12-7	ANTHRACENE, 2-METHYL-	14.09	250	NJ
16.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	14.15	740	NJ
17.	2531-84-2	PHENANTHRENE, 2-METHYL-	14.17	410	NJ
18.	35465-71-5	2-PHENYLNAPHTHALENE	14.39	270	NJ
19.	84-65-1	9,10-ANTHRACENEDIONE	14.42	310	NJ
20.	1576-67-6	PHENANTHRENE, 3,6-DIMETHYL-	14.65	100	NJ
21.	3674-66-6	PHENANTHRENE, 2,5-DIMETHYL-	14.72	340	NJ
22.		UNKNOWN	14.77	130	J
23.	5737-13-3	CYCLOPENTA(DEF)PHENANTHRENON	14.83	310	NJ
24.	33543-31-6	FLUORANTHENE, 2-METHYL-	15.50	110	NJ
25.	243-17-4	11H-BENZO[B]FLUORENE	15.64	140	NJ
26.	2381-21-7	PYRENE, 1-METHYL-	15.78	110	NJ
27.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.29	100	NJ
28.		UNKNOWN	16.50	130	J
29.	479-79-8	11H-BENZO[A]FLUOREN-11-ONE	16.56	140	NJ
30.	192-97-2	BENZO[E]PYRENE	18.42	1200	NJ

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D
Date : 11-AUG-2007 00:21
Client ID: MW-BR07
Sample Info: F0981-07A,,31309,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: LIMS
Column diameter: 0.25



Data File: S3E5210.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D
Lab Smp Id: F0981-07A Client Smp ID: MW-BR07
Inj Date : 11-AUG-2007 00:21
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-07A,,31309,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	18.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	3.804	3.793	(0.701)	598305	25.8747	520(R)
2	Benzaldehyde	77	4.814	4.813	(0.887)	88088	7.55014	150(a)
$ 3	Phenol-d5	99	4.841	4.834	(0.892)	1952271	61.0293	1200
$ 6	2-Chlorophenol-d4	132	5.092	5.091	(0.938)	959603	40.1859	810
* 8	1,4-Dichlorobenzene-d4	152	5.428	5.422	(1.000)	770711	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	5.669	5.662	(1.044)	1027807	57.9674	1200
$ 16	Nitrobenzene-d5	82	6.326	6.325	(0.823)	1881701	60.3524	1200
* 23	Naphthalene-d8	136	7.688	7.687	(1.000)	2845956	40.0000	
24	Naphthalene	128	7.731	7.730	(1.006)	888763	12.7612	260(a)
27	Caprolactam	113	8.527	8.579	(1.109)	36561	4.58540	93(aQ)
29	2-Methylnaphthalene	142	9.205	9.204	(1.197)	406115	8.99435	180(a)
$ 33	2-Fluorobiphenyl	172	9.959	9.952	(0.895)	3790794	63.5049	1300
39	Acenaphthylene	152	10.888	10.887	(0.979)	871123	12.4906	250(a)
* 41	Acenaphthene-d10	164	11.123	11.122	(1.000)	1640769	40.0000	
42	Acenaphthene	153	11.177	11.175	(1.005)	524716	11.2806	230(a)
45	Dibenzofuran	168	11.454	11.459	(1.030)	747202	10.7004	220(a)
48	Fluorene	166	11.983	11.982	(1.077)	865860	14.6259	300(a)
$ 53	2,4,6-Tribromophenol	330	12.336	12.335	(0.926)	68397	7.66032	150(aR)
* 58	Phenanthrene-d10	188	13.324	13.318	(1.000)	2794017	40.0000	
59	Phenanthrene	178	13.367	13.350	(1.003)	8538282	107.650	2200

Data File: S3E5210.D
Report Date: 15-Aug-2007 11:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
	60 Anthracene	178	13.426	13.419	(1.008)	2913736	36.5209	740
	61 Carbazole	167	13.639	13.638	(1.024)	1049667	16.2850	330(a)
	63 Fluoranthene	202	14.943	14.920	(1.121)	9497862	111.831	2300
	64 Pyrene	202	15.237	15.214	(0.909)	9138612	101.446	2000
$	65 Terphenyl-d14	244	15.408	15.396	(0.919)	4355300	64.2168	1300
	68 Benzo(a)anthracene	228	16.743	16.731	(0.999)	6970215	75.7287	1500
*	69 Chrysene-d12	240	16.759	16.742	(1.000)	3321357	40.0000	
	70 Chrysene	228	16.791	16.774	(1.002)	6979498	82.5820	1700
	71 bis(2-Ethylhexyl)phthalate	149	16.716	16.705	(0.997)	259234	5.10597	100(a)
	73 Benzo(b)fluoranthene	252	18.057	18.024	(0.972)	9116659	92.9341	1900(M)
	74 Benzo(k)fluoranthene	252	18.084	18.061	(0.974)	4594625	46.9696	950(QM)
	75 Benzo(a)pyrene	252	18.501	18.467	(0.996)	5743878	64.1074	1300
*	76 Perylene-d12	264	18.570	18.542	(1.000)	3209307	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.322	20.273	(1.094)	3947316	36.7412	740
	78 Dibenzo(a,h)anthracene	278	20.328	20.294	(1.095)	1217941	13.0074	260(a)
	79 Benzo(g,h,i)perylene	276	20.851	20.802	(1.123)	3051125	33.1391	670

>MZ 8/15/07 SW

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.
M - Compound response manually integrated.

8/15/07 SW

Data File: S3E5210.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D
Lab Smp Id: F0981-07A Client Smp ID: MW-BR07
Inj Date : 11-AUG-2007 00:21
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-07A,,31309,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	18.000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.124	7779396	40.000
* 58 Phenanthrene-d10	13.325	8145989	40.000
* 69 Chrysene-d12	16.760	35777670	40.000
* 76 Perylene-d12	18.571	8634921	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Naphthalene, 1-methyl-				CAS #: 90-12-0			
9.409	1399299	7.19489891	150	96	NIST2002.L	18499	41(L)
Naphthalene, 1,6-dimethyl-				CAS #: 575-43-9			
10.419	1163828	5.98415657	120	98	NIST2002.L	27195	41
Naphthalene, 1,4-dimethyl-				CAS #: 571-58-4			
10.557	1429382	7.34957553	150	96	NIST2002.L	27171	41

Data File: S3E5210.D
Report Date: 15-Aug-2007 11:50

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
9H-Fluorene, 1-methyl-					CAS #: 1730-37-6		
12.780	1212291	5.95282535	120	95	NIST2002.L	42795	58
9H-Fluorene, 2-methyl-					CAS #: 1430-97-3		
12.822	1092182	5.36304344	110	95	NIST2002.L	42788	58
Unknown					CAS #:		
12.967	1269610	6.23428240	130	0		0	58
9H-Fluoren-9-one					CAS #: 486-25-9		
13.052	2612599	12.8288858	260	96	NIST2002.L	42768	58
Unknown					CAS #:		
13.122	1356017	6.65857671	130	0		0	58
Dibenzothiophene					CAS #: 132-65-0		
13.175	2079019	10.2087968	210	97	NIST2002.L	45492	58
Acridine					CAS #: 260-94-6		
13.469	1050667	5.15918841	100	94	NIST2002.L	41976	58
Anthracene, 9-ethenyl-					CAS #: 2444-68-0		
13.731	1177119	5.78011337	120	89	NIST2002.L	58960	58
Unknown					CAS #:		
13.768	1334798	6.55438205	130	0		0	58
Phenanthrene, 2-methyl-					CAS #: 2531-84-2		
13.998	4550753	22.3459801	450	97	NIST2002.L	50626	58
Phenanthrene, 2-methyl-					CAS #: 2531-84-2		
14.035	6212091	30.5038009	620	98	NIST2002.L	50627	58
Anthracene, 2-methyl-					CAS #: 613-12-7		
14.094	2525474	12.4010672	250	92	NIST2002.L	50612	58
4H-Cyclopenta[def]phenanthrene					CAS #: 203-64-5		
14.147	7417440	36.4225373	740	93	NIST2002.L	49337	58
Phenanthrene, 2-methyl-					CAS #: 2531-84-2		
14.174	4101607	20.1404984	410	98	NIST2002.L	50627	58
2-Phenylnaphthalene					CAS #: 35465-71-5		
14.388	2771921	13.6112184	270	90	NIST2002.L	58952	58
9,10-Anthracenedione					CAS #: 84-65-1		
14.420	3140954	15.4233118	310	98	NIST2002.L	61654	58
Phenanthrene, 3,6-dimethyl-					CAS #: 1576-67-6		
14.655	1049254	5.15224963	100	91	NIST2002.L	60361	58
Phenanthrene, 2,5-dimethyl-					CAS #: 3674-66-6		
14.719	3471683	17.0473216	340	95	NIST2002.L	60352	58

Data File: S3E5210.D
Report Date: 15-Aug-2007 11:50

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
14.767	1345855	6.60867340	130	0		0	58
Cyclopenta(def)phenanthrenone				CAS #: 5737-13-3			
14.831	3095077	15.1980393	310	96	NIST2002.L	58950	58
Fluoranthene, 2-methyl-				CAS #: 33543-31-6			
15.504	4804754	5.37179103	110	91	NIST2002.L	67036	69
11H-Benzo[b]fluorene				CAS #: 243-17-4			
15.643	6218737	6.95264613	140	96	NIST2002.L	67030	69
Pyrene, 1-methyl-				CAS #: 2381-21-7			
15.777	4765935	5.32839058	110	96	NIST2002.L	67027	69
11H-Benzo[a]fluoren-11-one				CAS #: 479-79-8			
16.290	4584763	5.12583781	100	96	NIST2002.L	76451	69
Unknown				CAS #:			
16.503	5939144	6.64005687	130	0		0	69
11H-Benzo[a]fluoren-11-one				CAS #: 479-79-8			
16.557	6265076	7.00445425	140	97	NIST2002.L	76451	69
Benzo[e]pyrene				CAS #: 192-97-2			
18.421	13038703	60.3998666	1200	99	NIST2002.L	89816	76

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

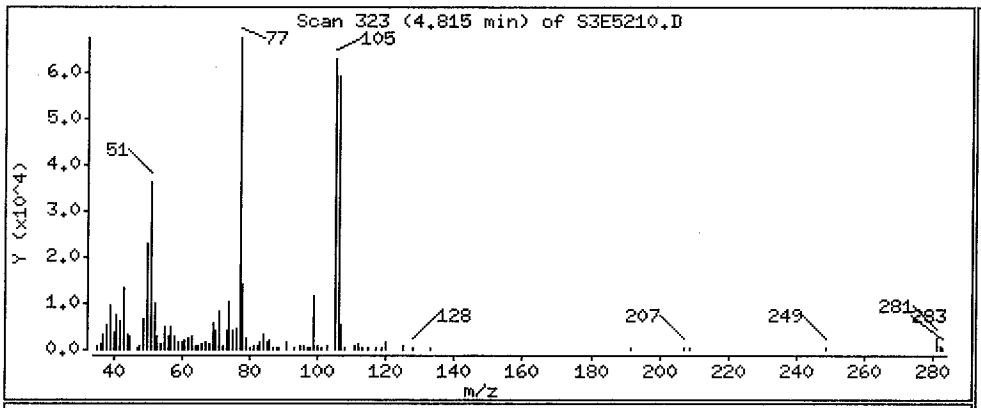
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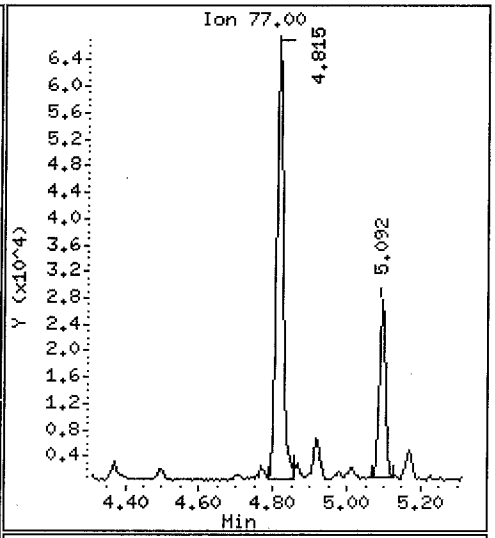
Sample Info: F0981-07A,,31309,,

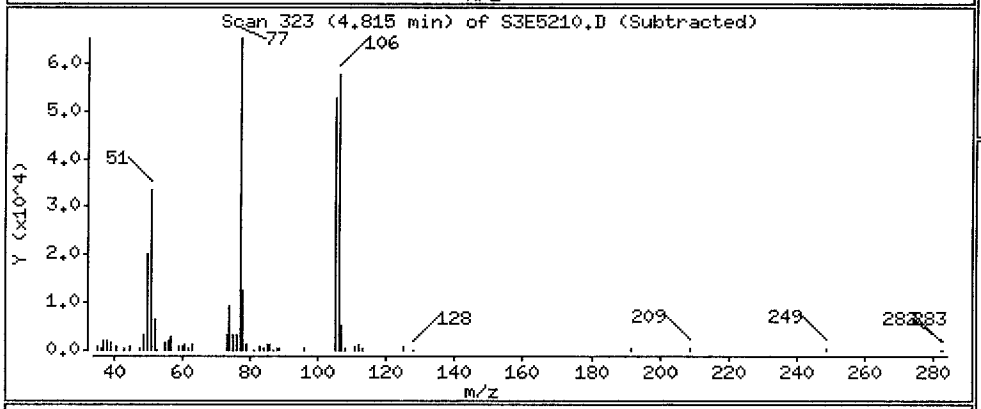
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

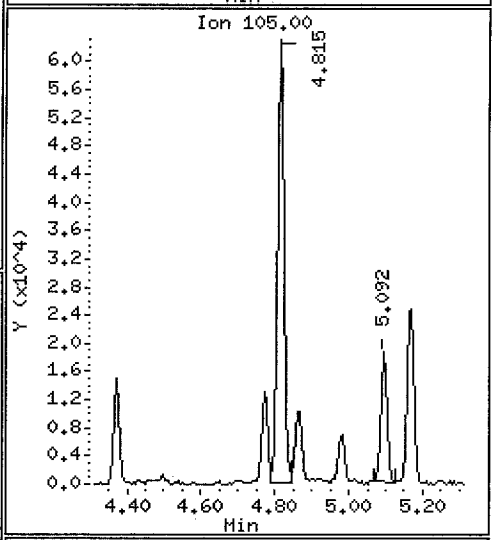
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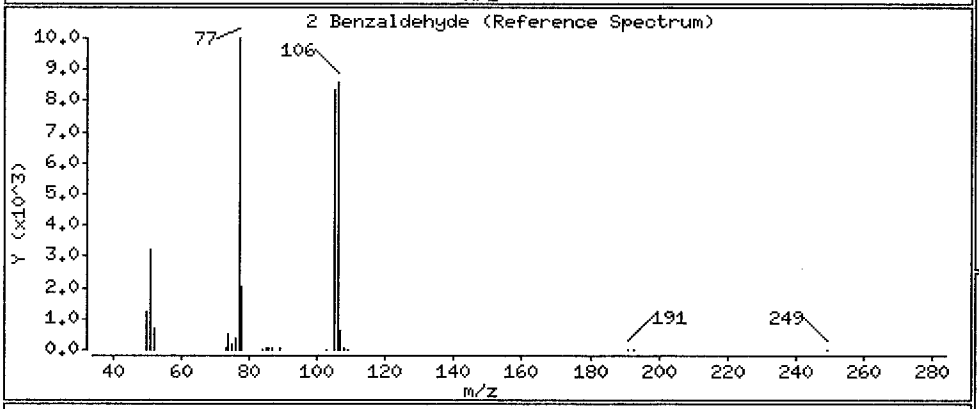
2 Benzaldehyde Concentration: 150 ug/Kg

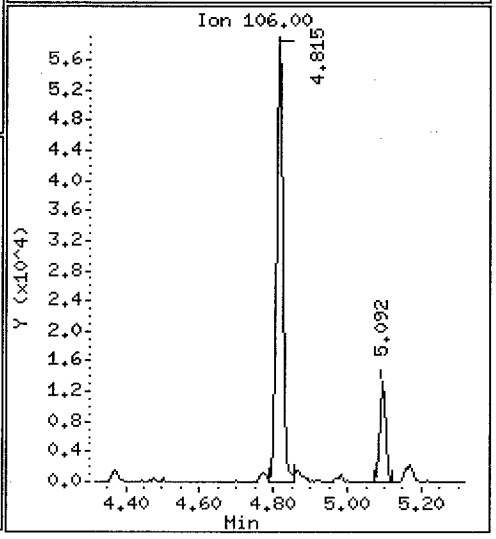


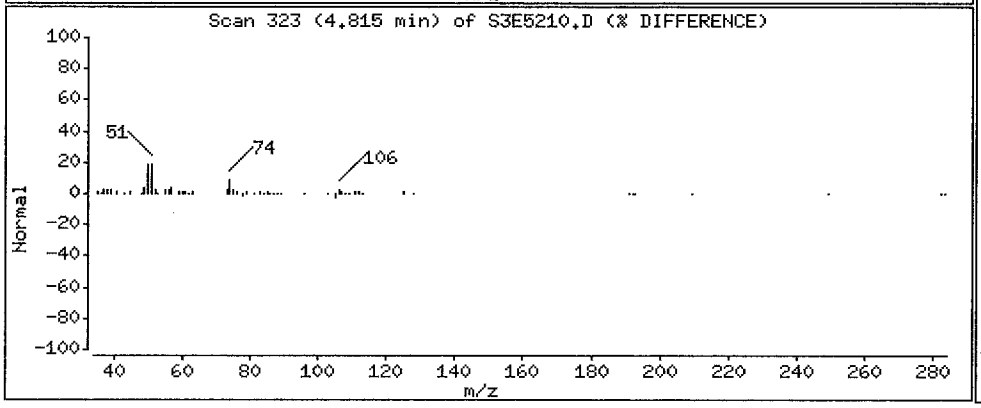












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

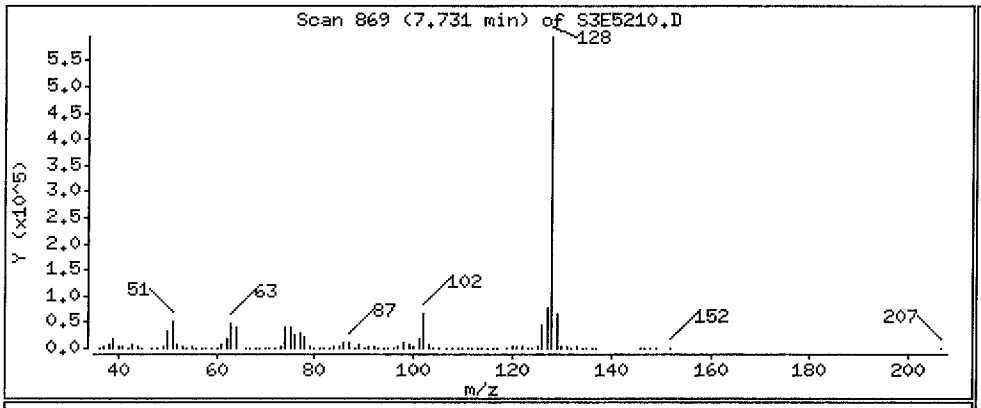
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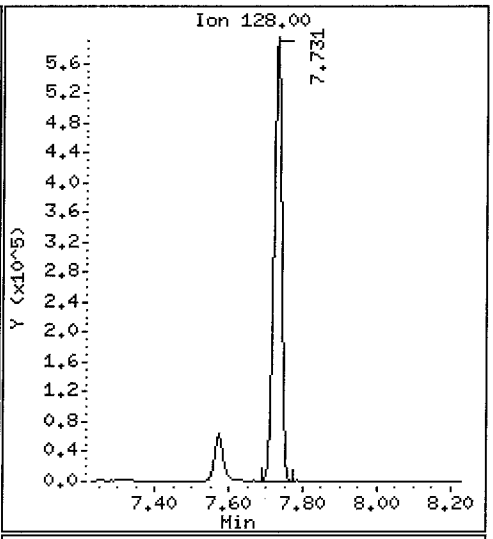
Sample Info: F0981-07A,,31309,,

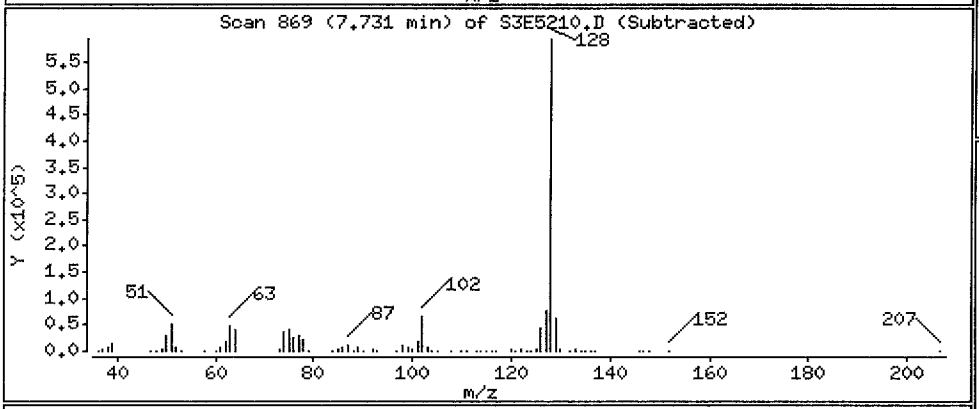
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

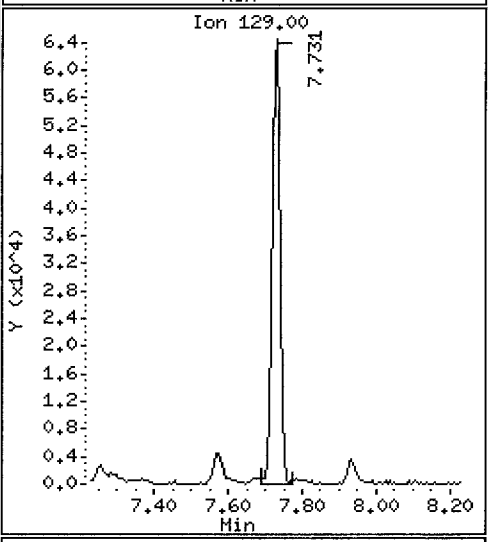
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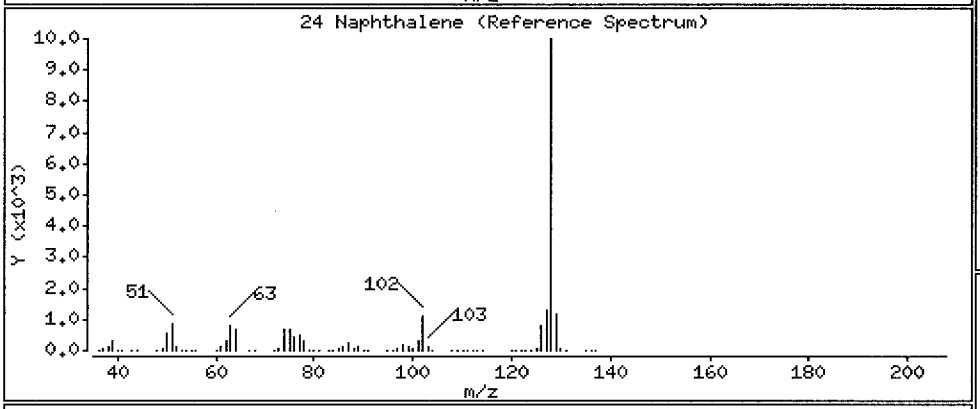
24 Naphthalene Concentration: 260 ug/Kg

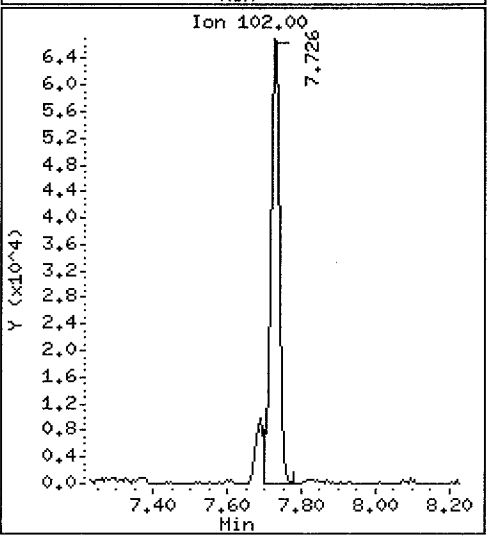


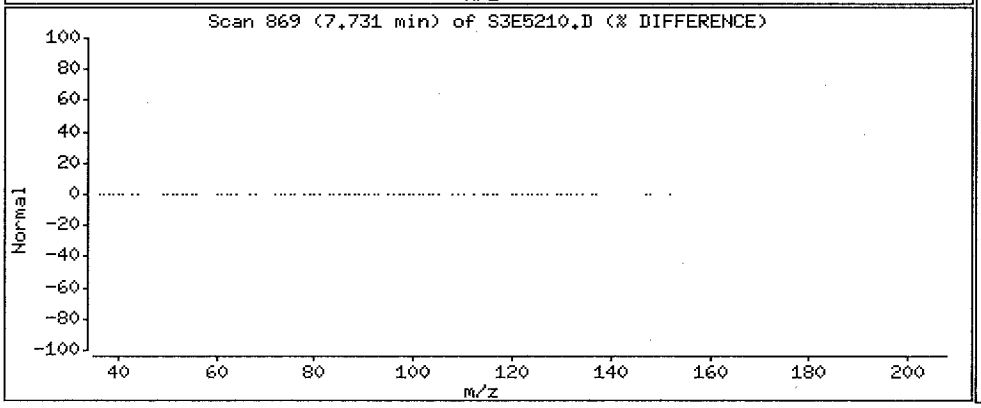












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

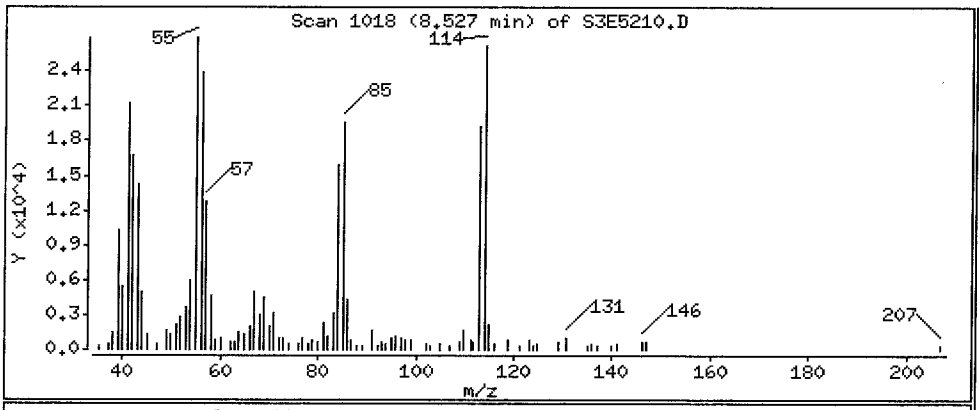
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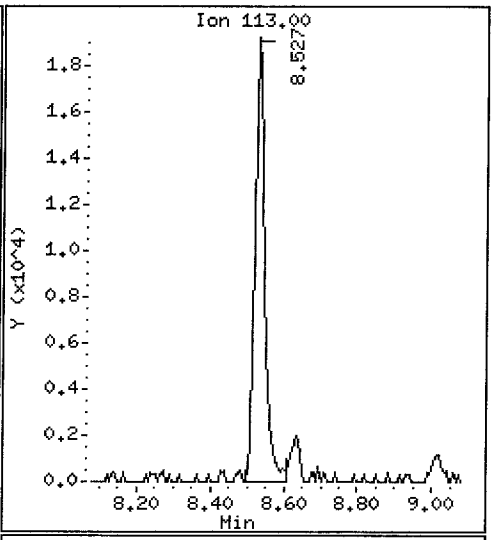
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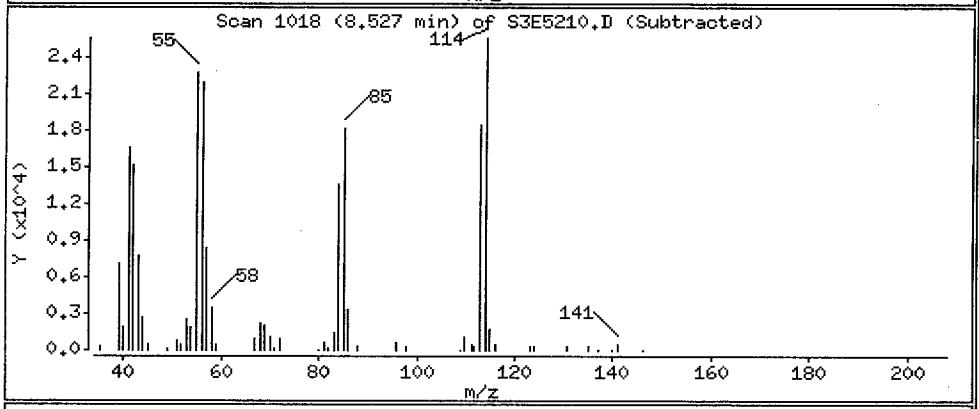
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

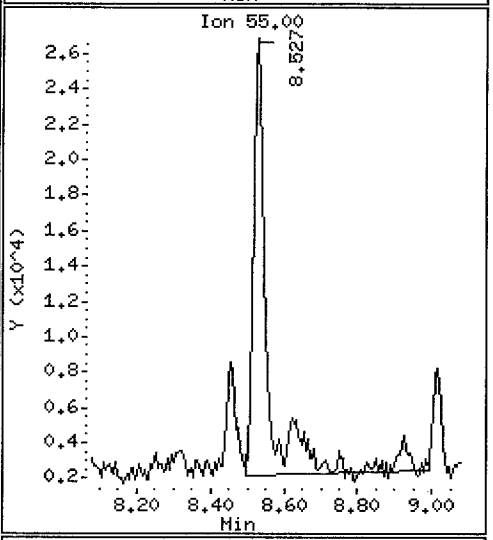
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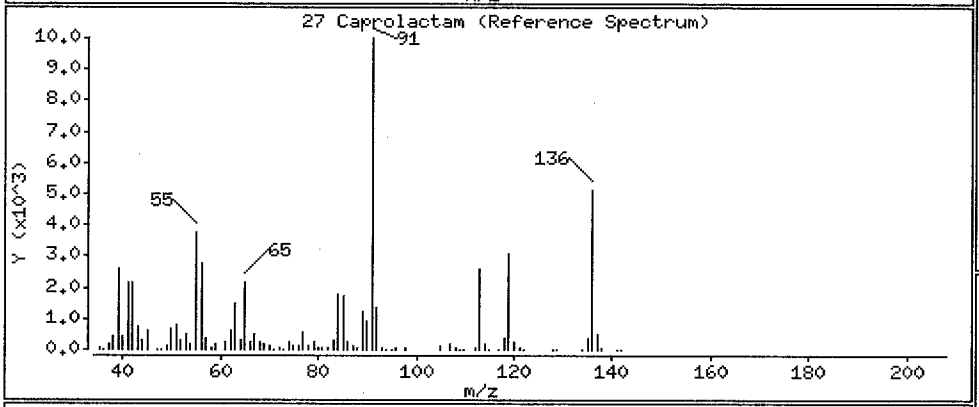
27 Caprolactam Concentration: 93 ug/Kg

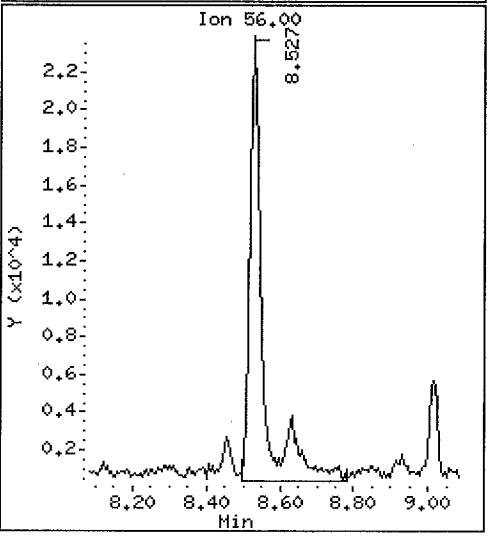


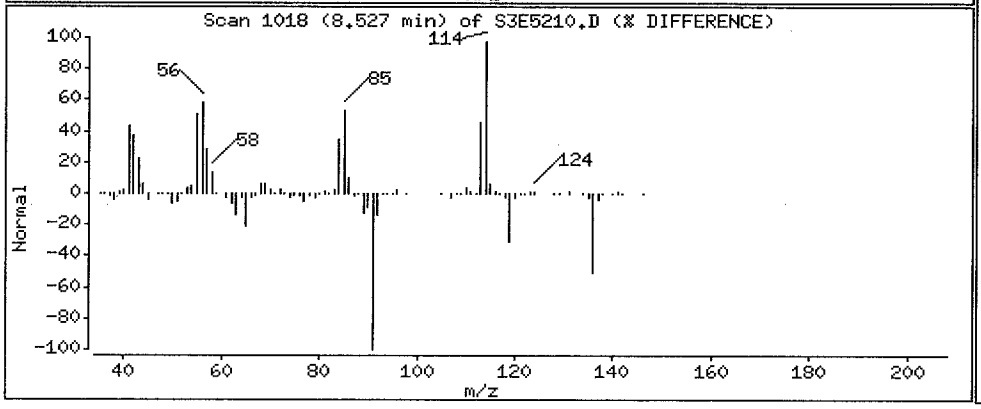












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

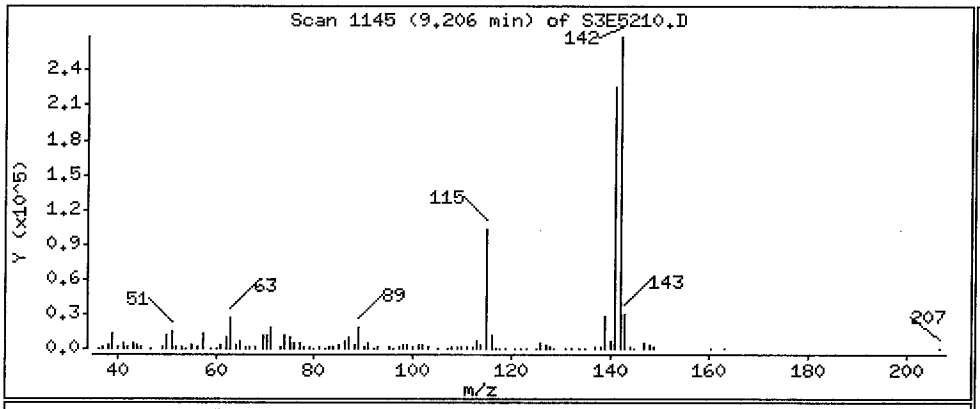
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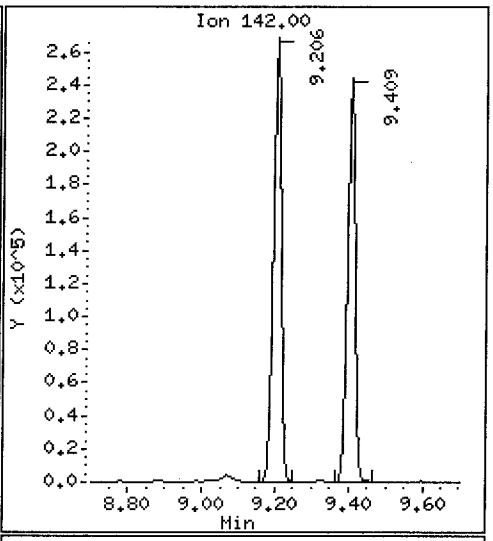
Sample Info: F0981-07A,,31309,,

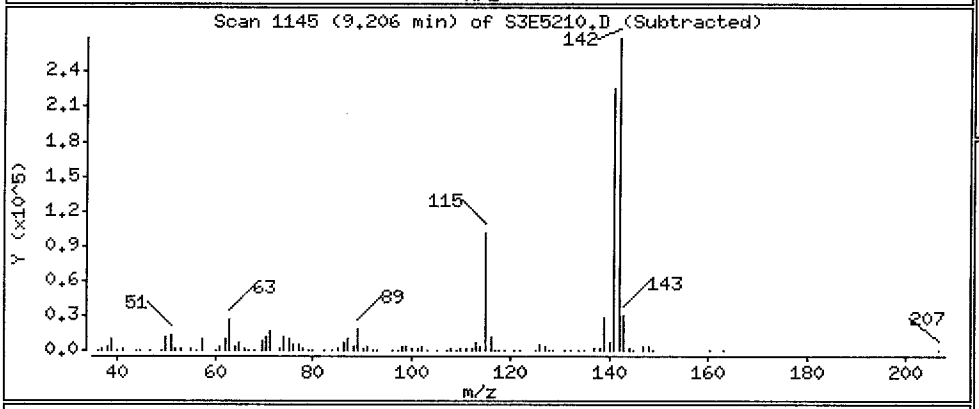
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

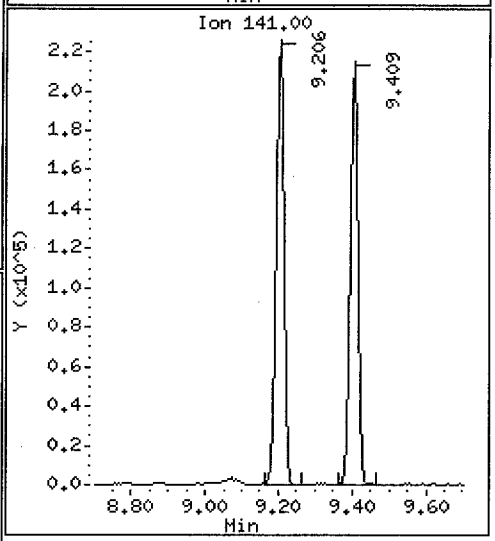
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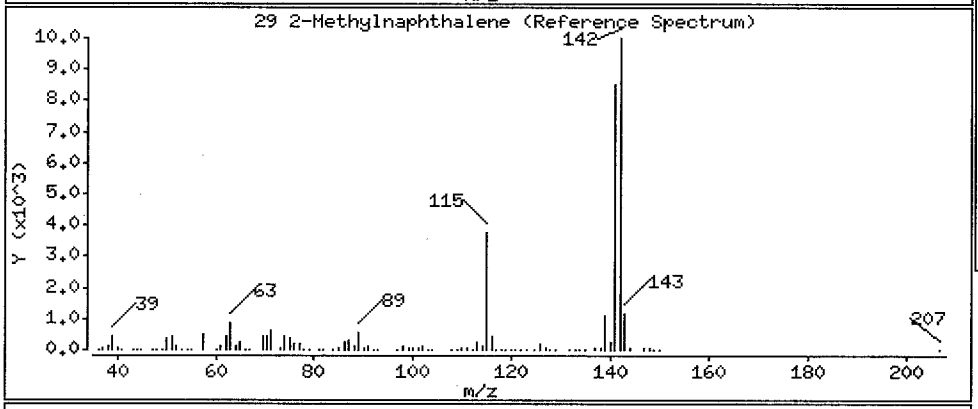
29 2-Methylnaphthalene Concentration: 180 ug/Kg

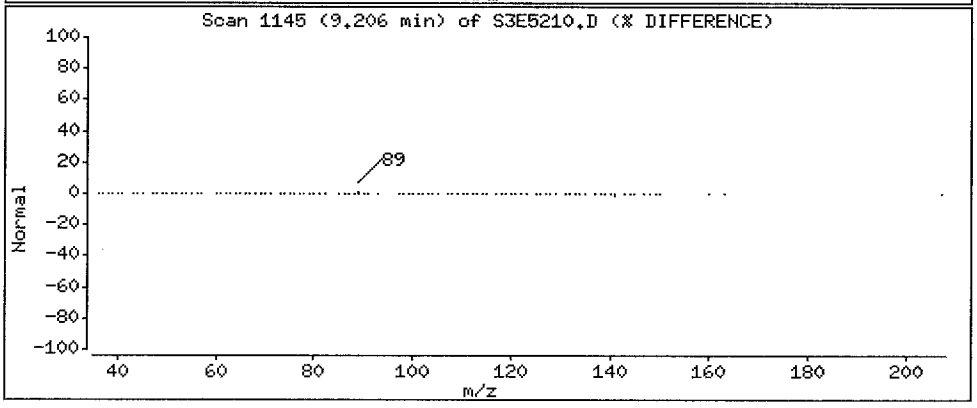












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

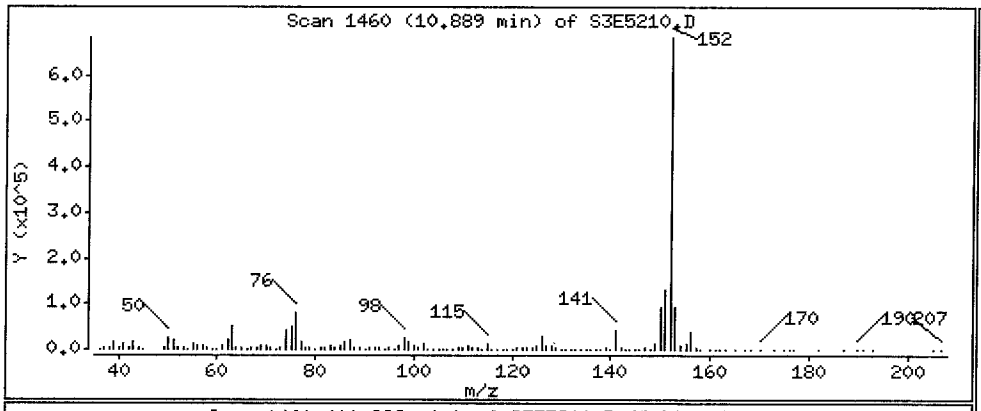
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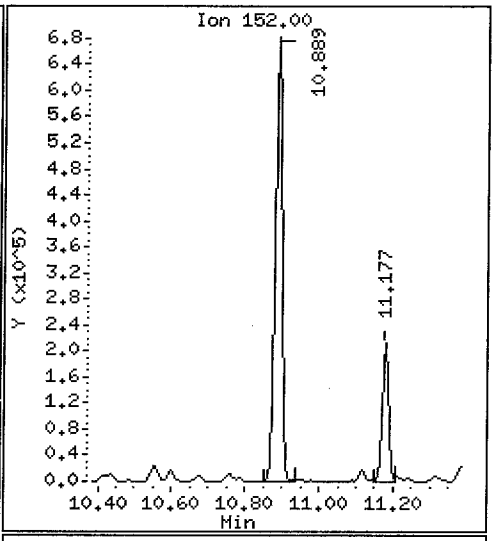
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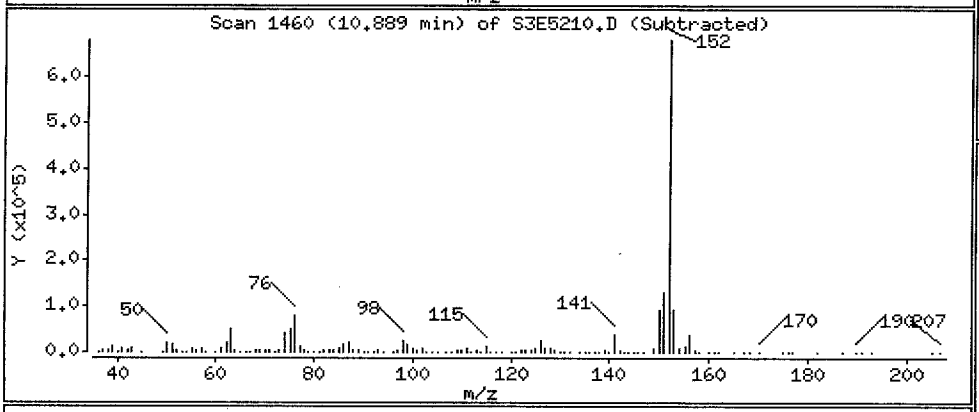
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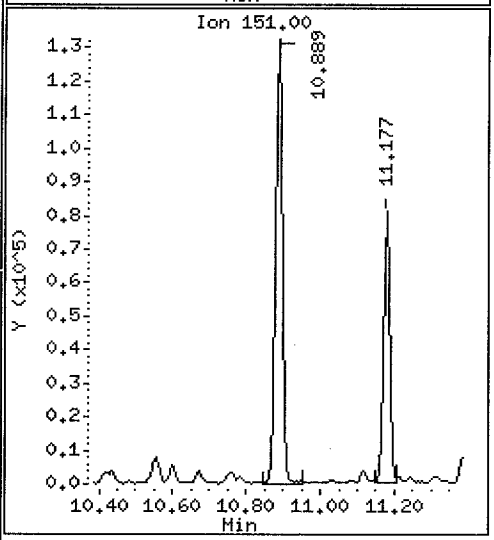
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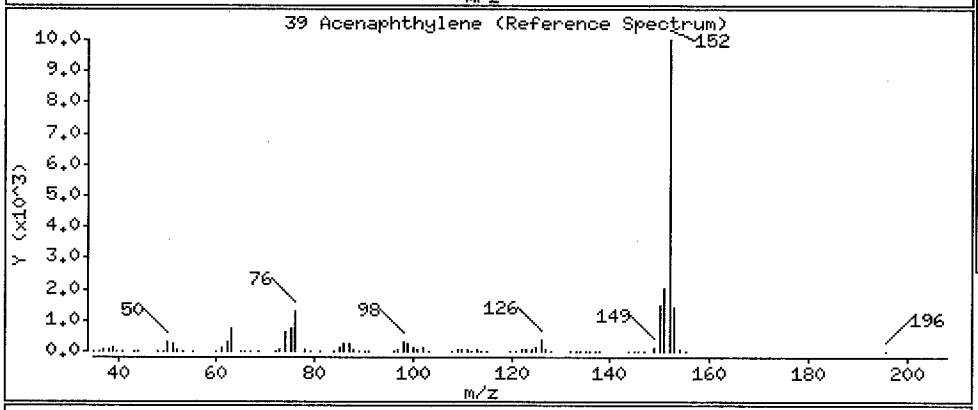
39 Acenaphthylene Concentration: 250 ug/Kg

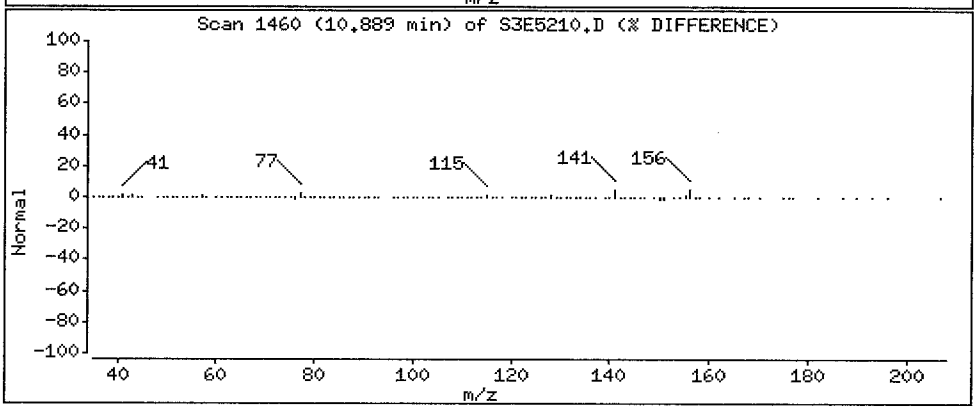












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Date : 11-AUG-2007 00:21

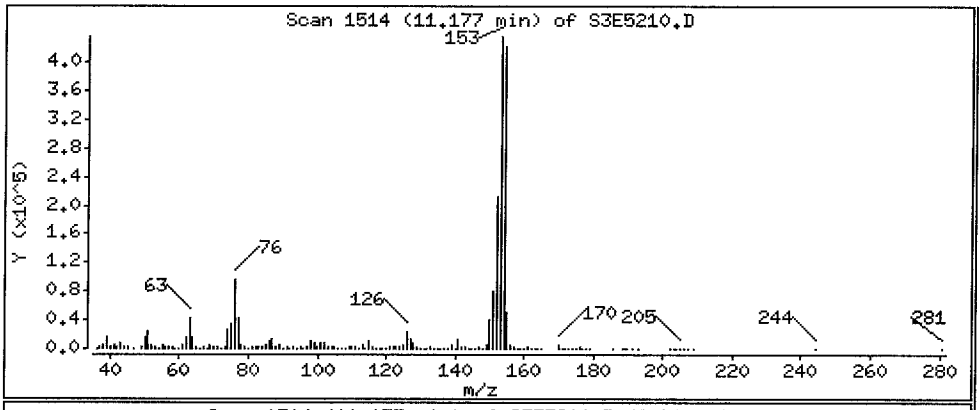
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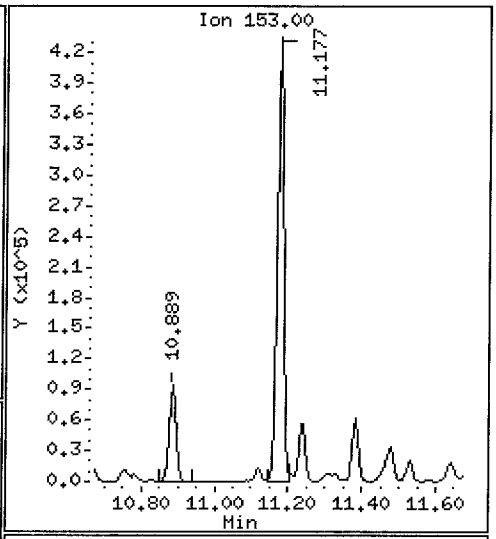
Sample Info: F0981-07A,,31309,,

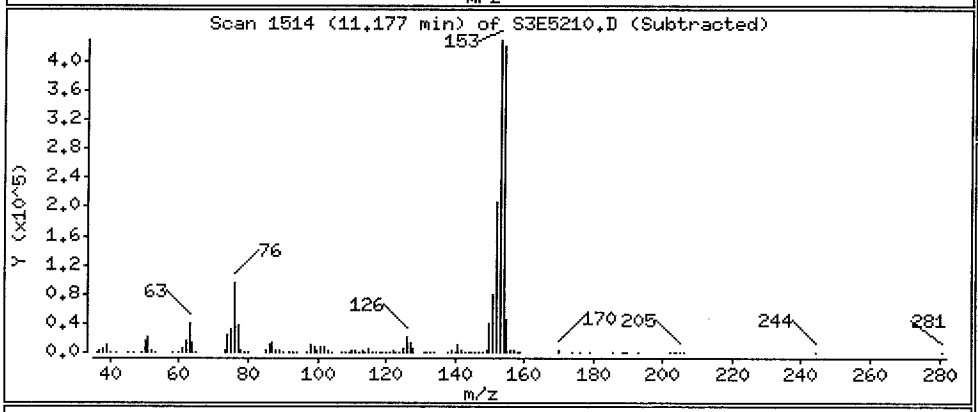
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

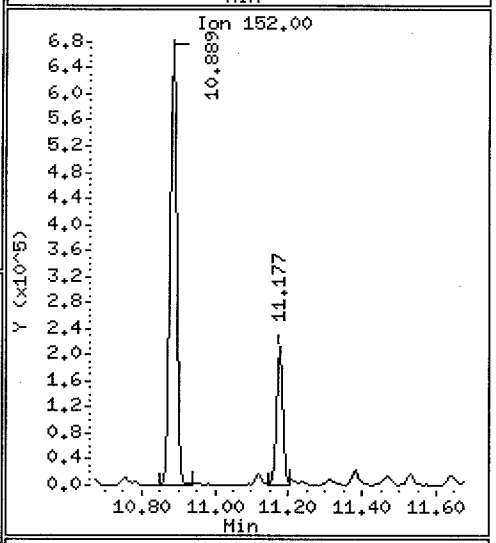
Column phase: DB-5MS Column diameter: 0.25

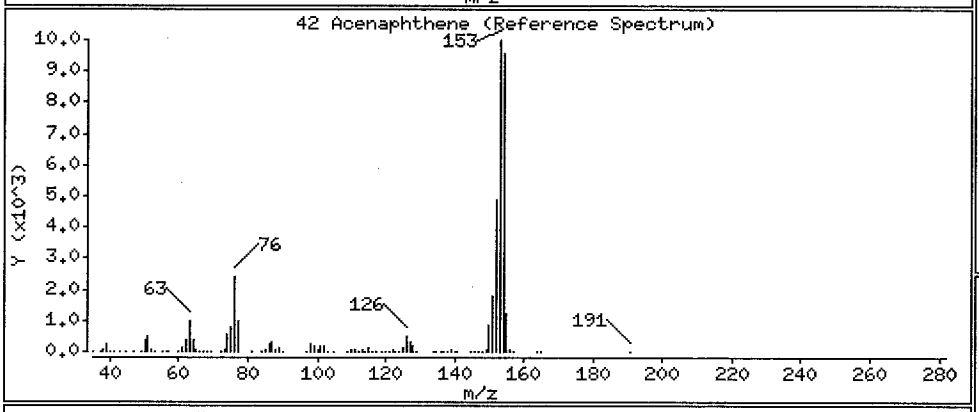
42 Acenaphthene Concentration: 230 ug/Kg

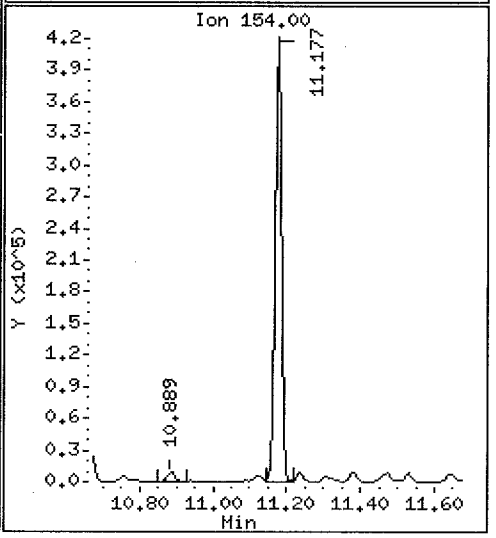


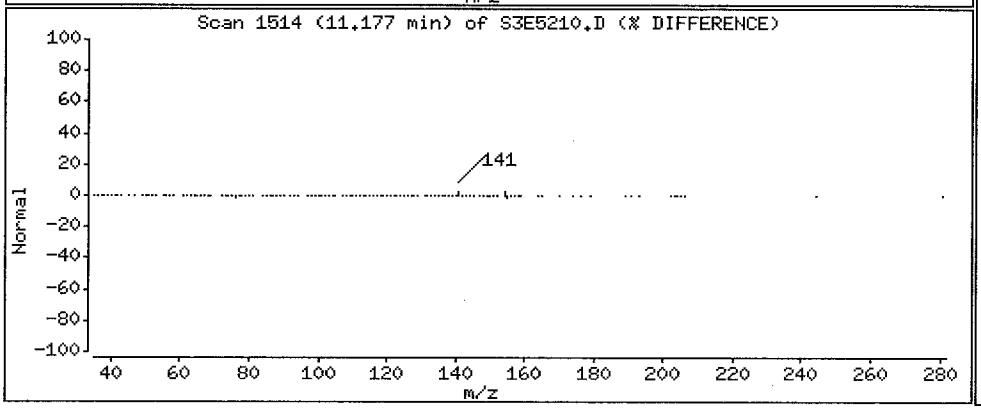












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Date : 11-AUG-2007 00:21

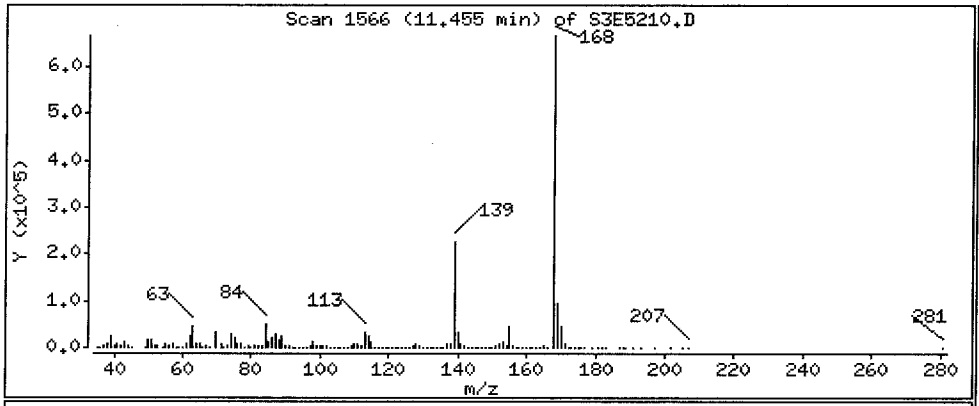
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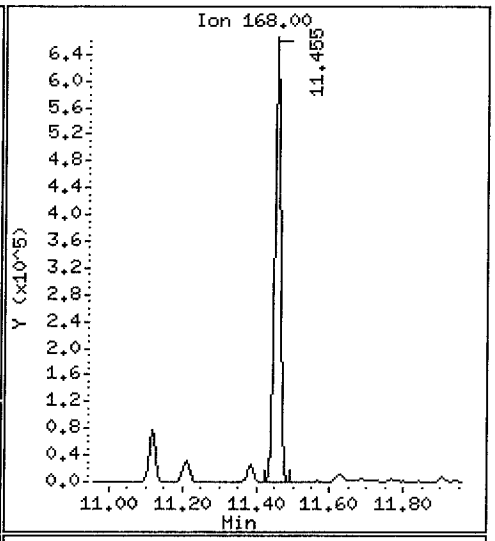
Sample Info: F0981-07A,,31309,,

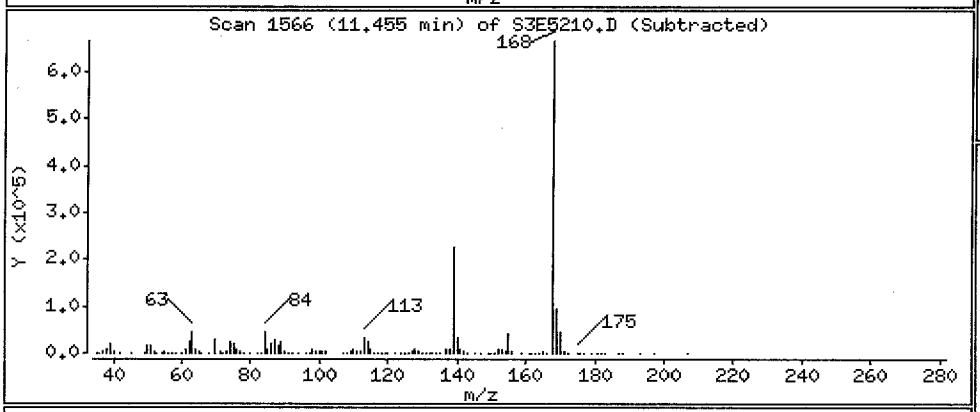
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

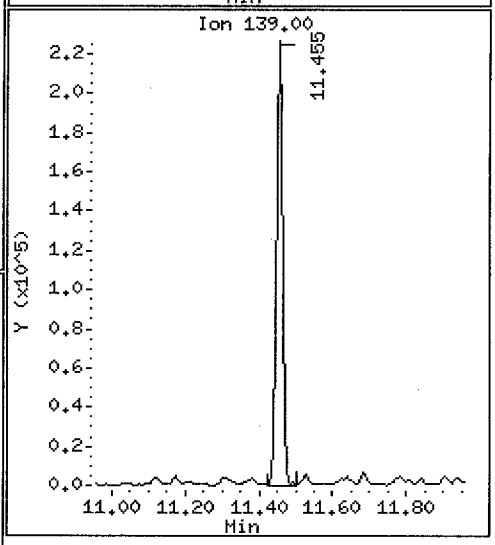
Column phase: DB-5MS Column diameter: 0.25

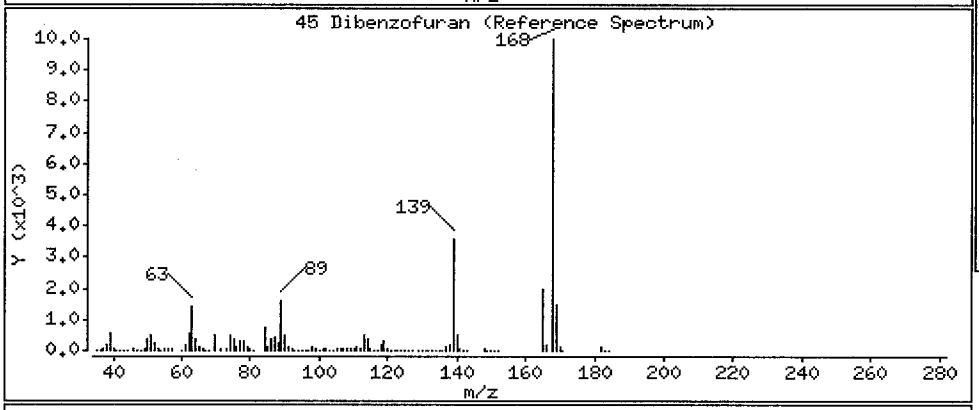
45 Dibenzofuran Concentration: 220 ug/Kg

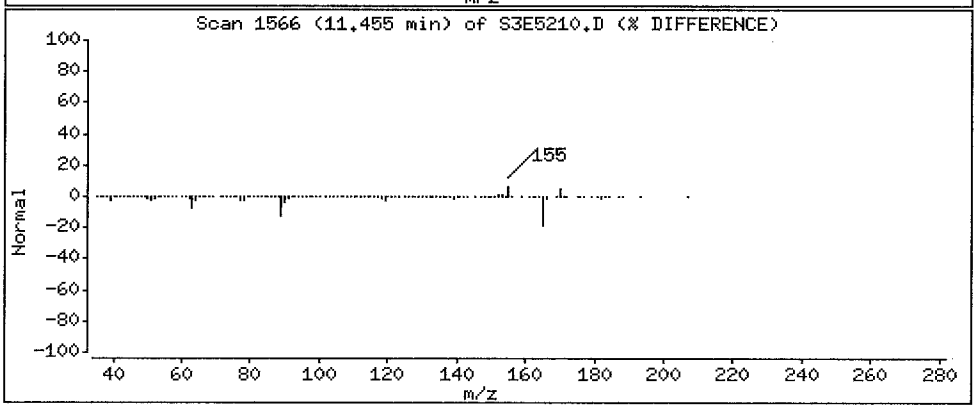












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Date : 11-AUG-2007 00:21

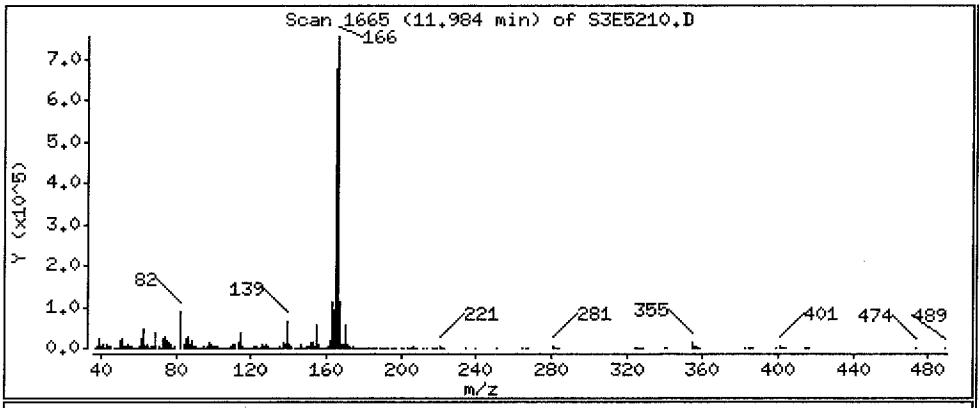
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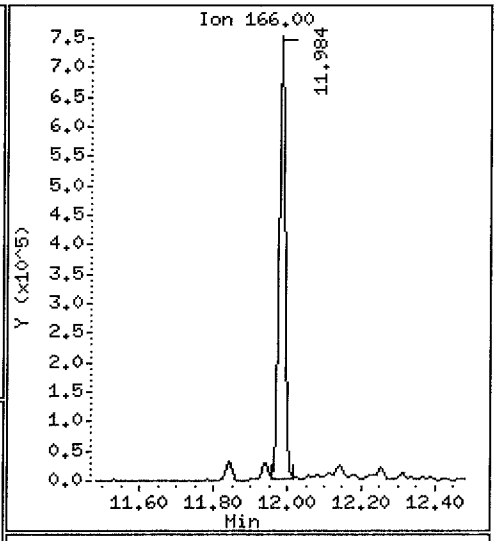
Sample Info: F0981-07A,,31309,,

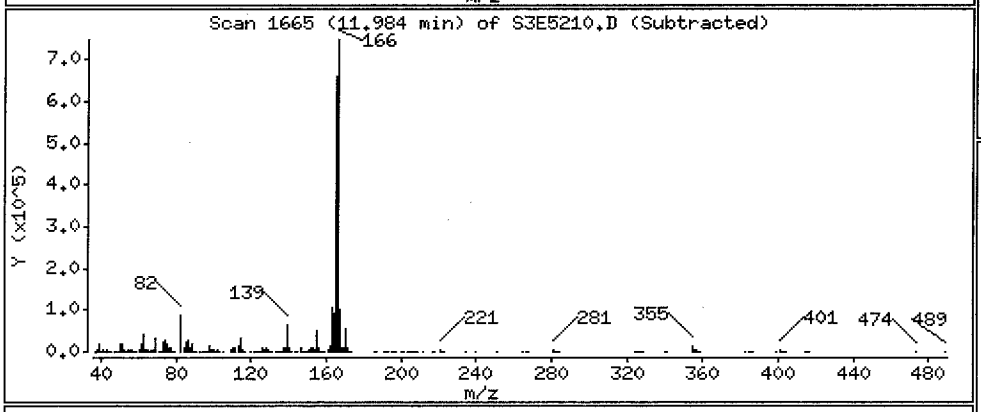
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

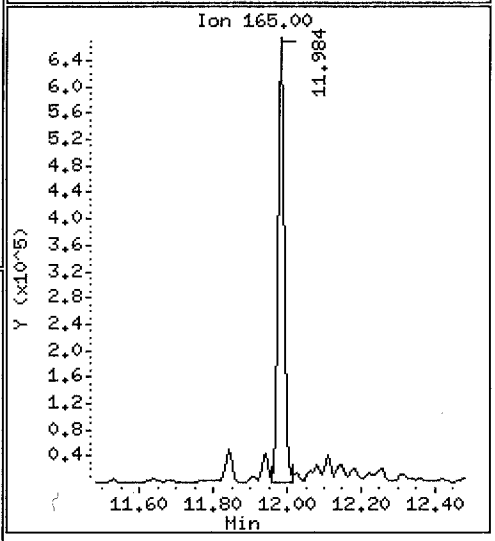
Column phase: DB-5MS Column diameter: 0.25

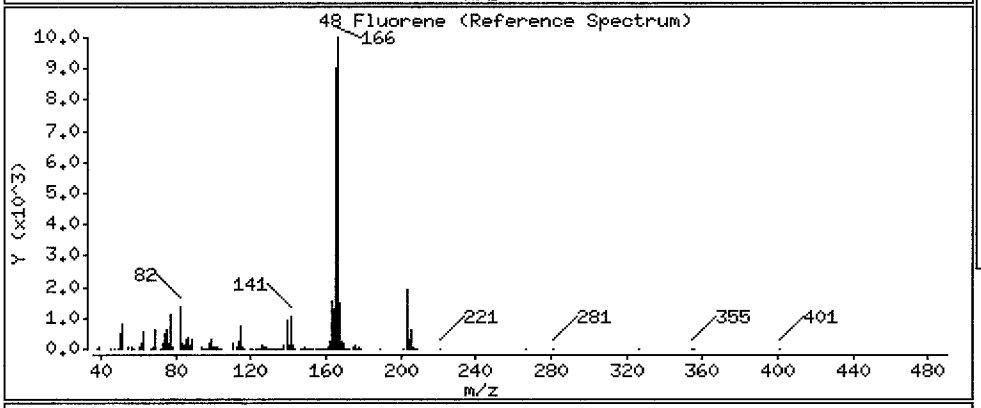
48 Fluorene Concentration: 300 ug/Kg

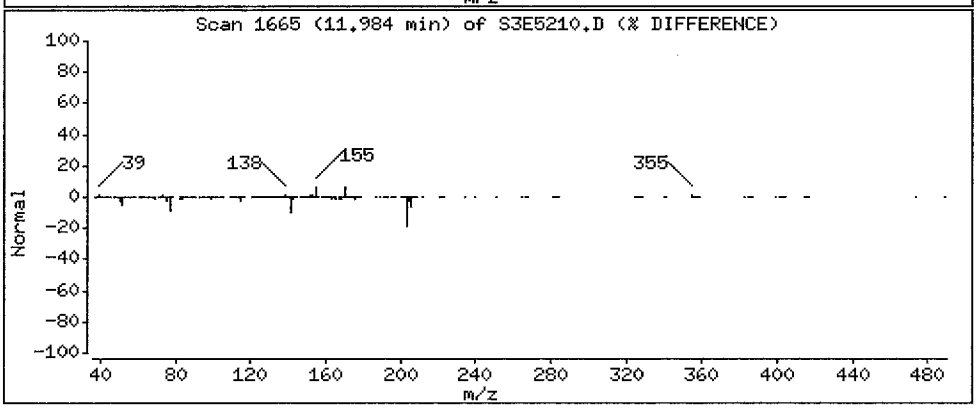












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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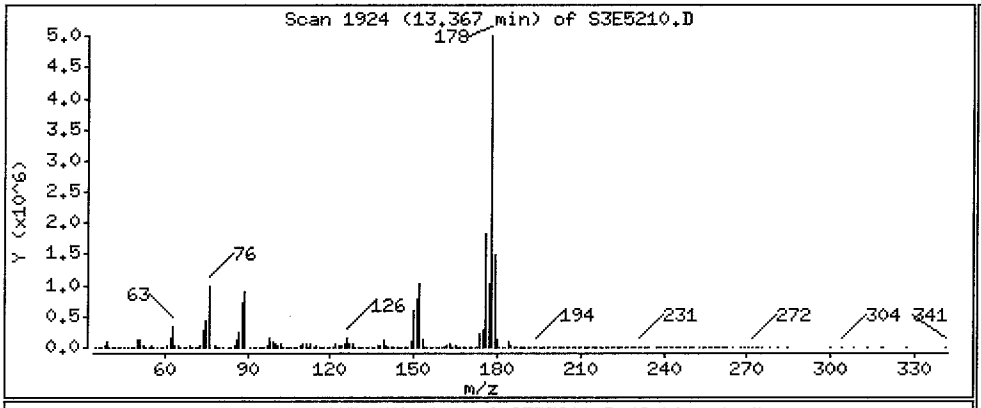
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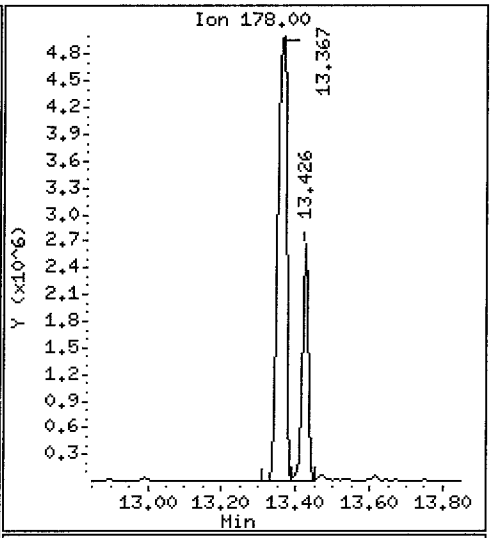
Sample Info: F0981-07A,,31309,,

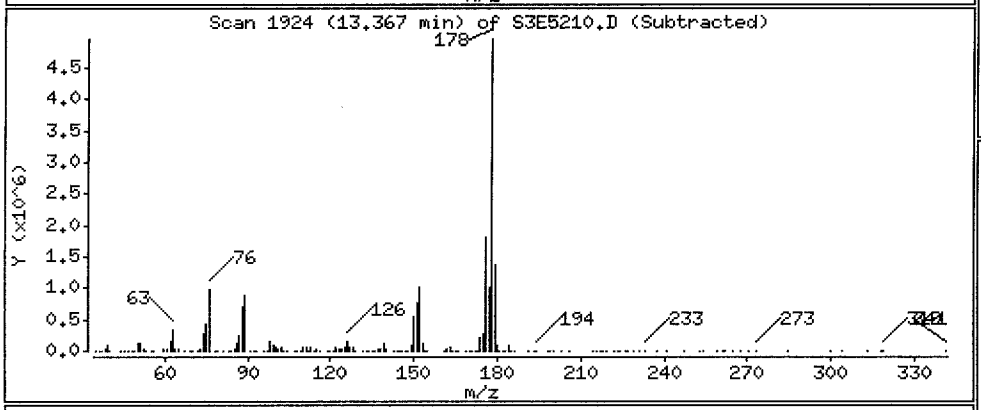
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

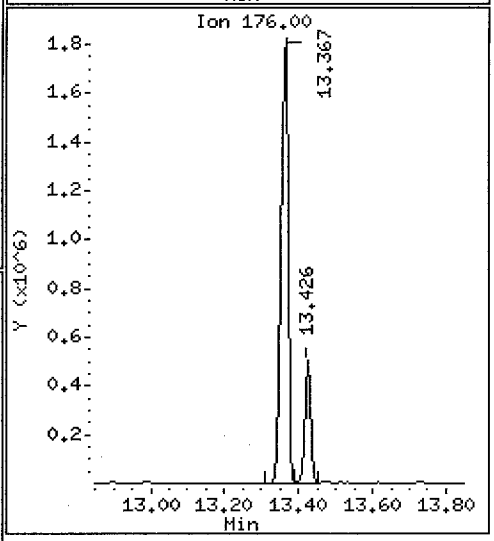
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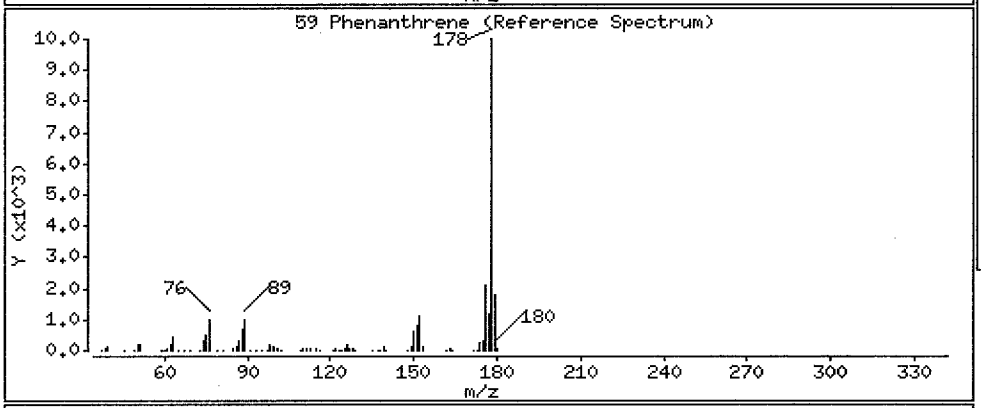
59 Phenanthrene Concentration: 2200 ug/Kg

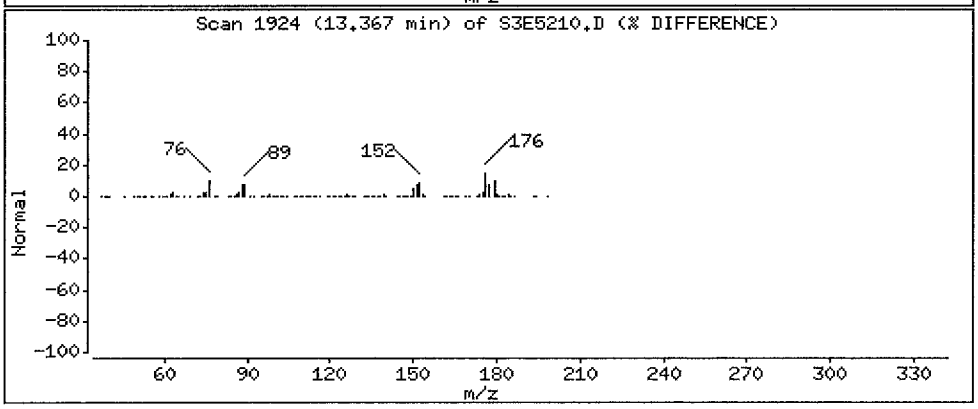












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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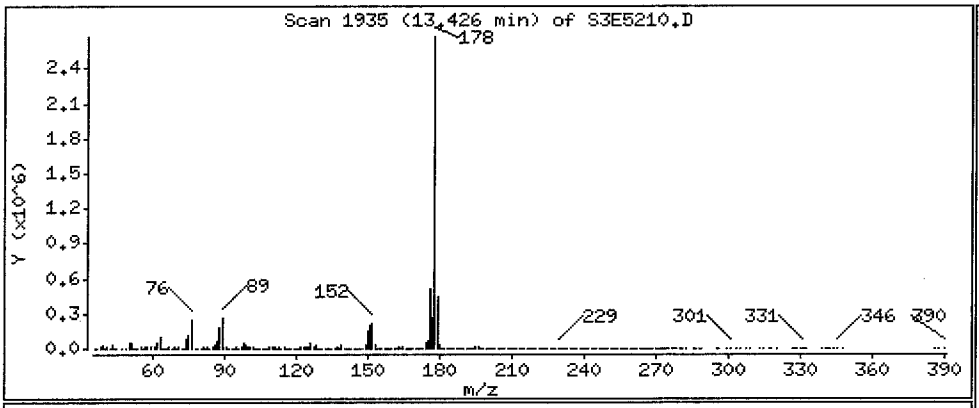
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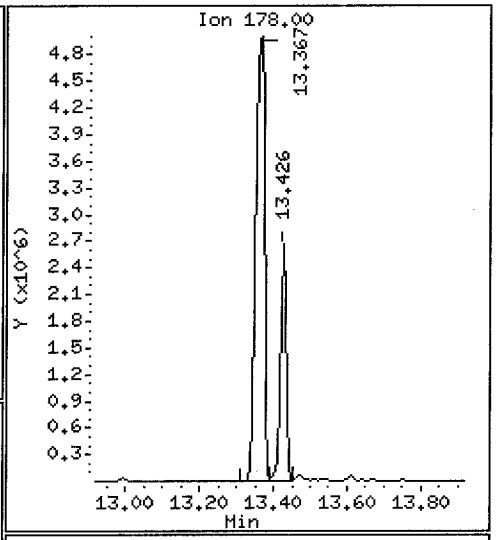
Sample Info: F0981-07A,,31309,,

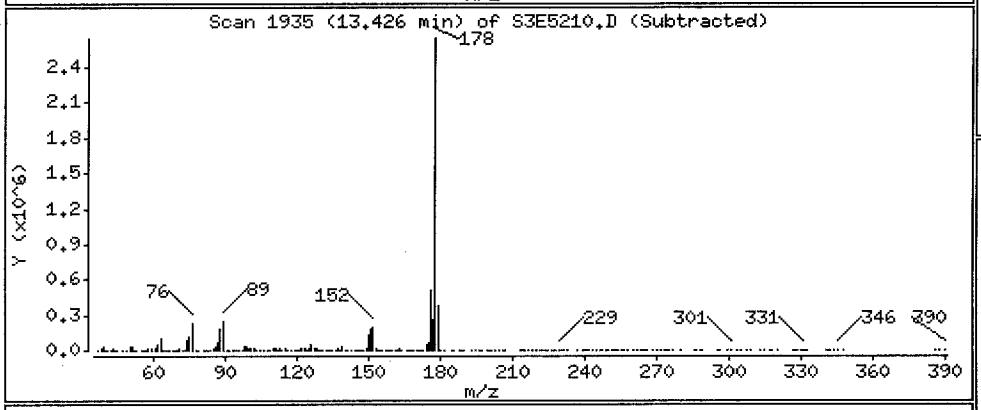
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

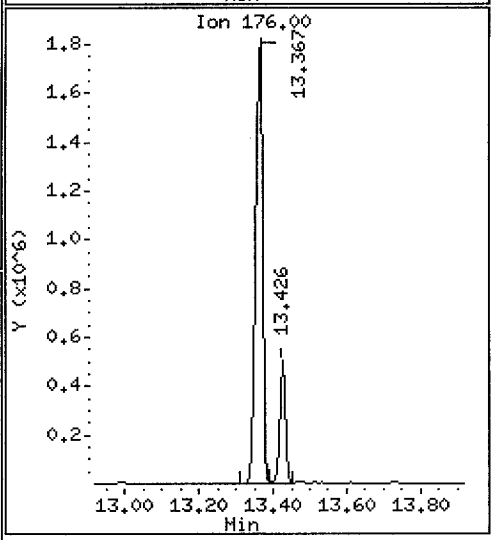
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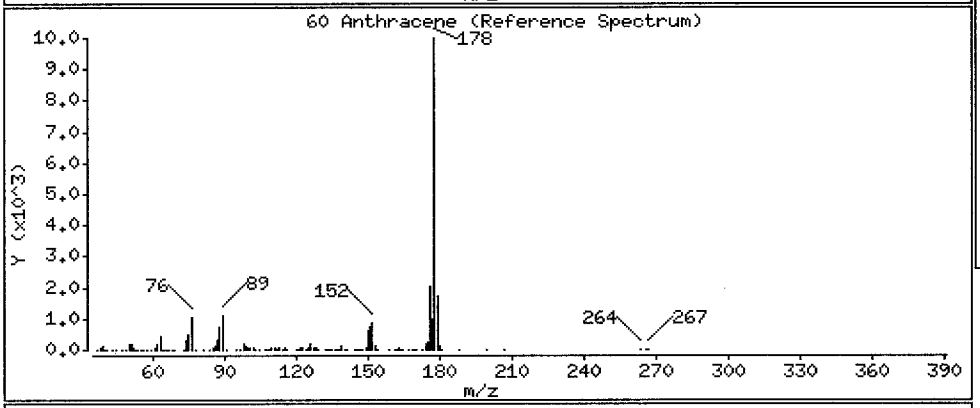
60 Anthracene Concentration: 740 ug/Kg

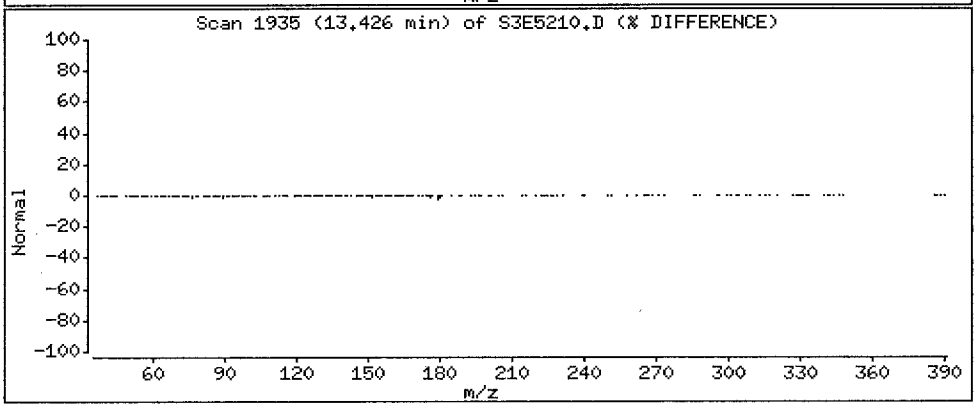












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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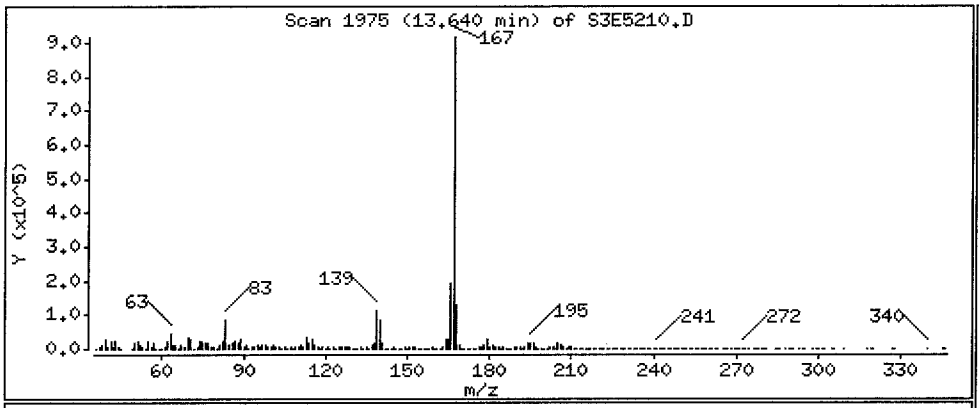
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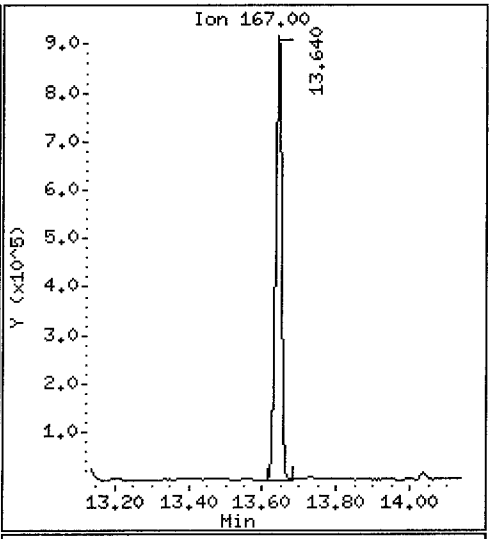
Sample Info: F0981-07A,,31309,,

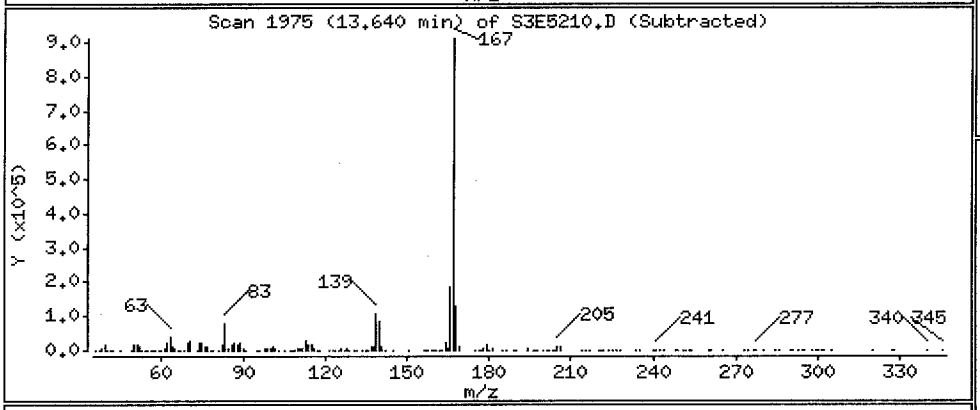
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

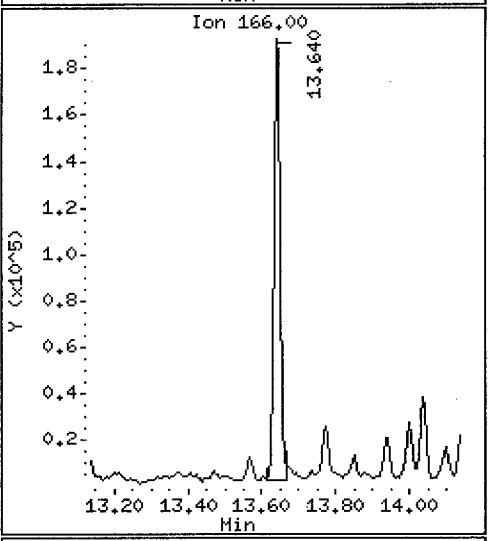
Column phase: DB-5MS Column diameter: 0.25

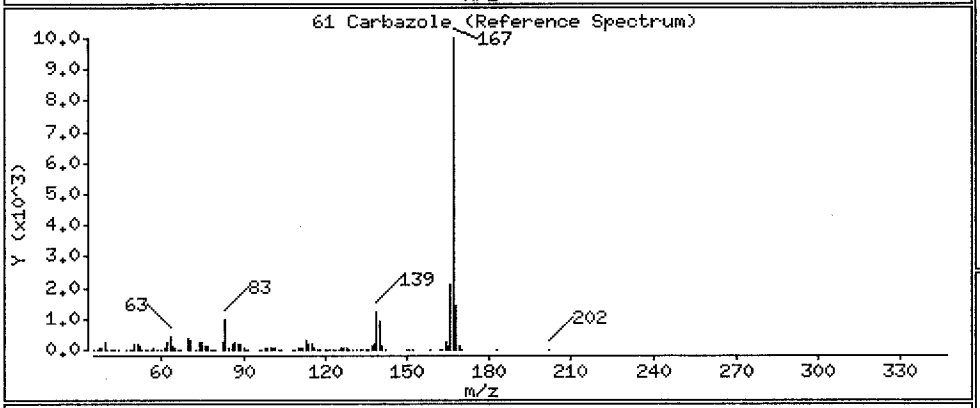
61 Carbazole Concentration: 330 ug/Kg

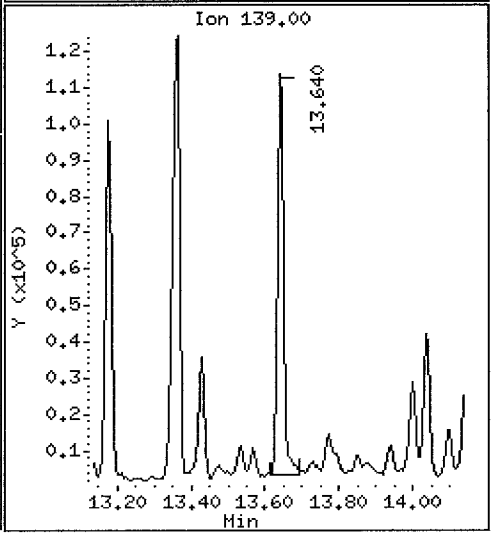


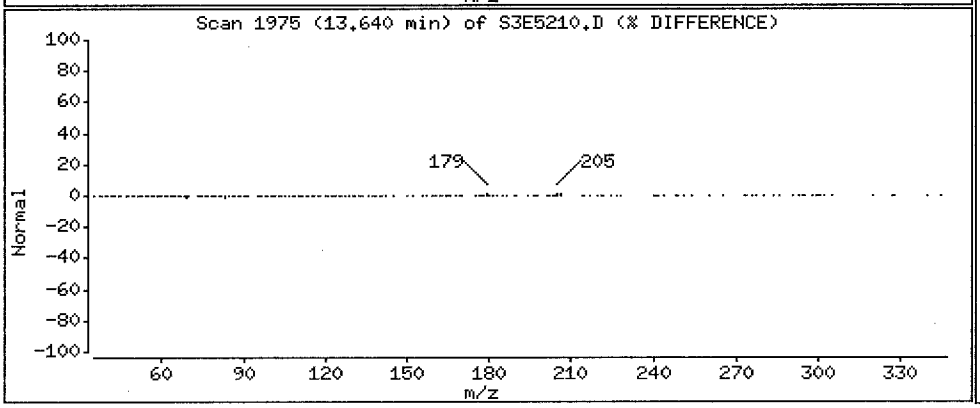












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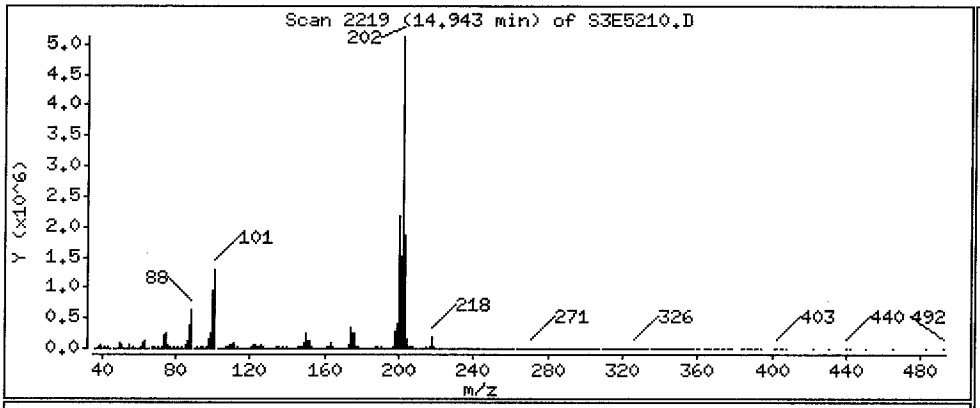
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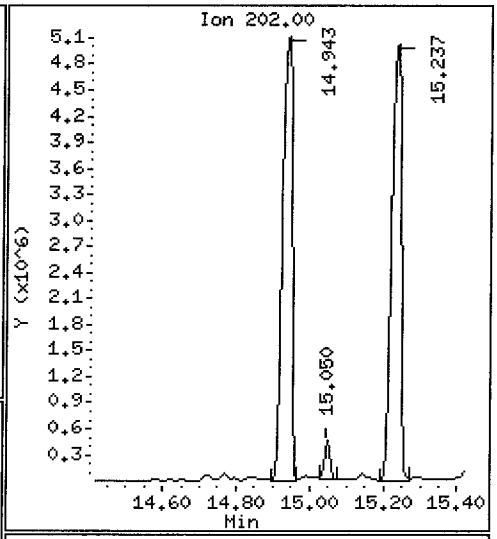
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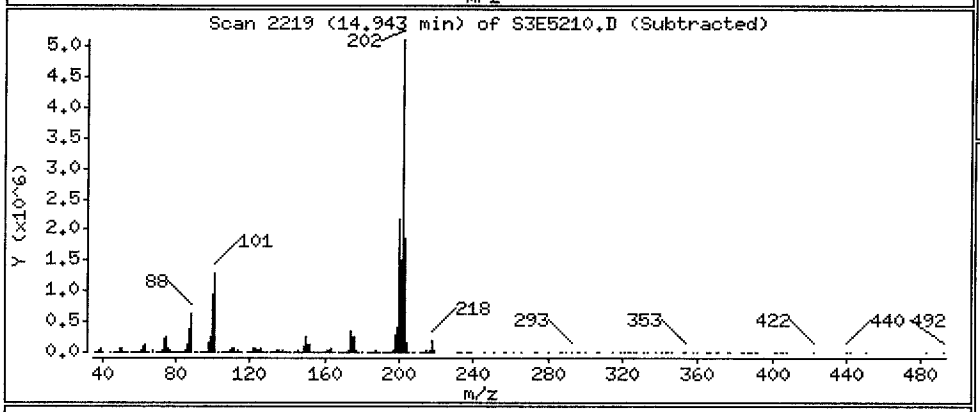
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

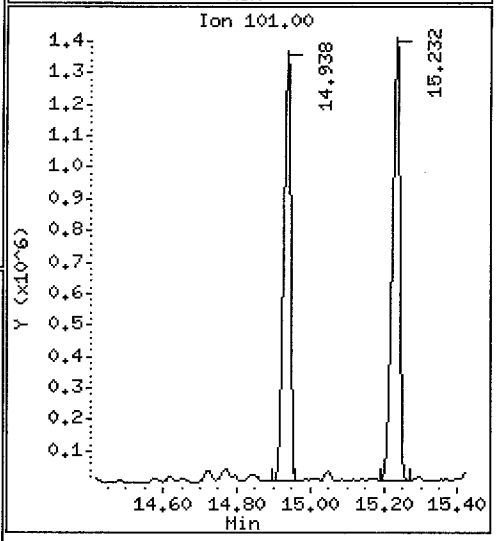
Column phase: DB-5MS Column diameter: 0.25

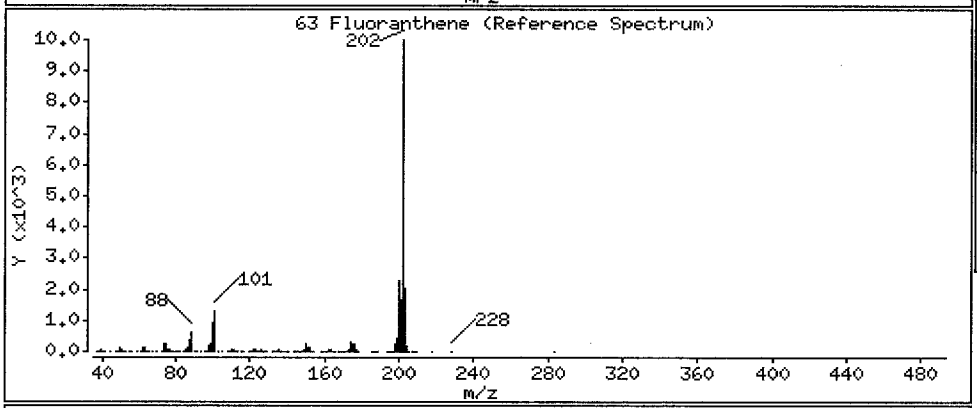
63 Fluoranthene Concentration: 2300 ug/Kg

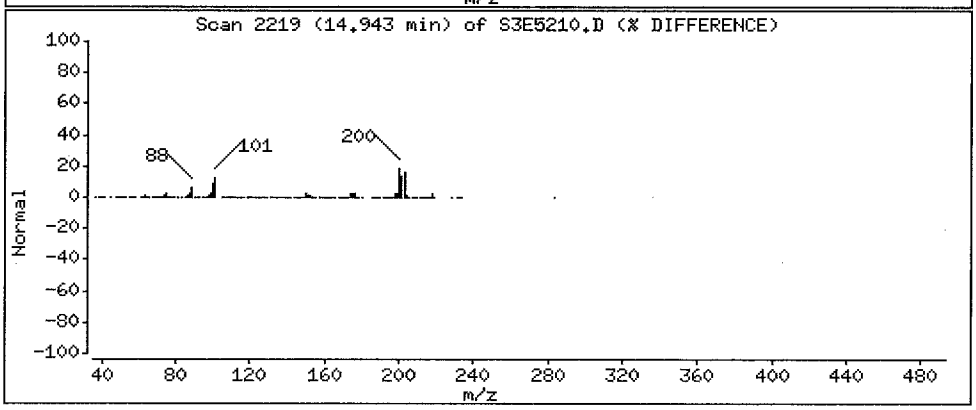












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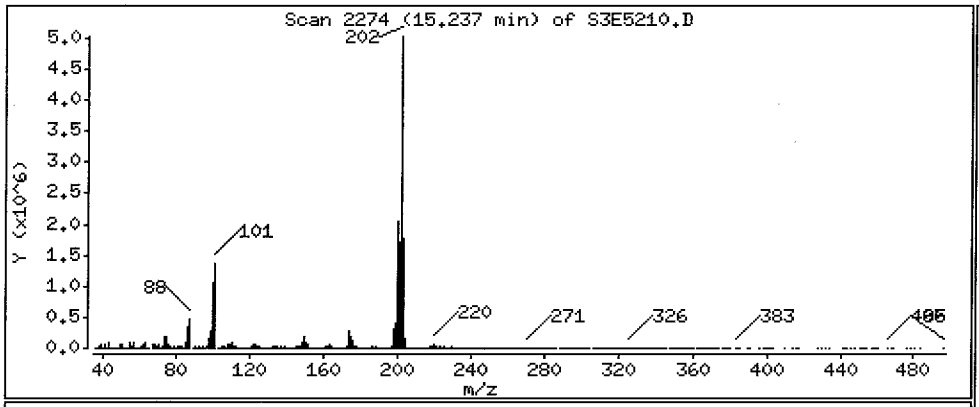
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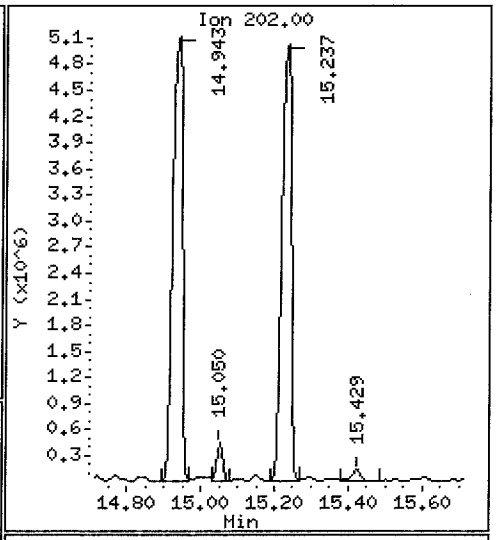
Sample Info: F0981-07A,,31309,,

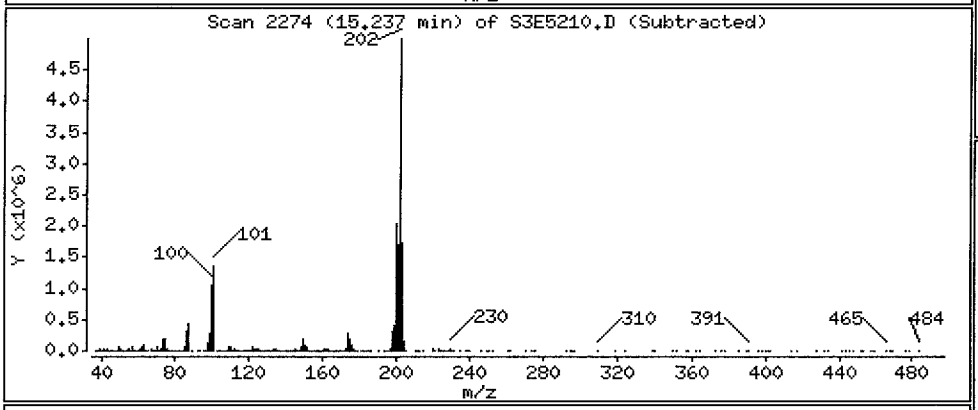
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

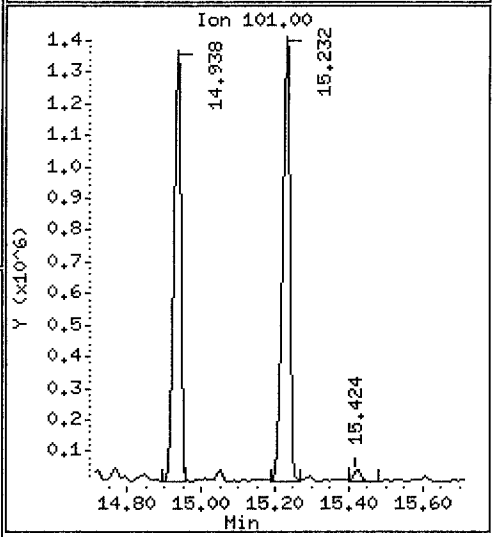
Column phase: DB-5MS Column diameter: 0.25

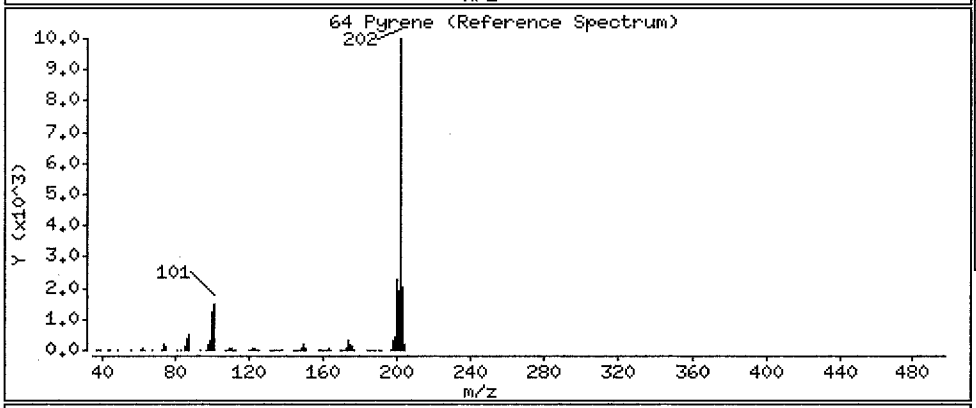
64 Pyrene Concentration: 2000 ug/Kg

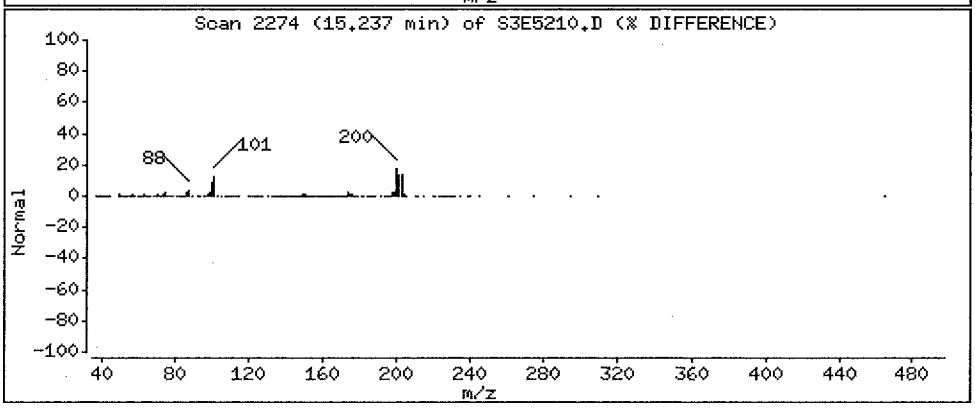












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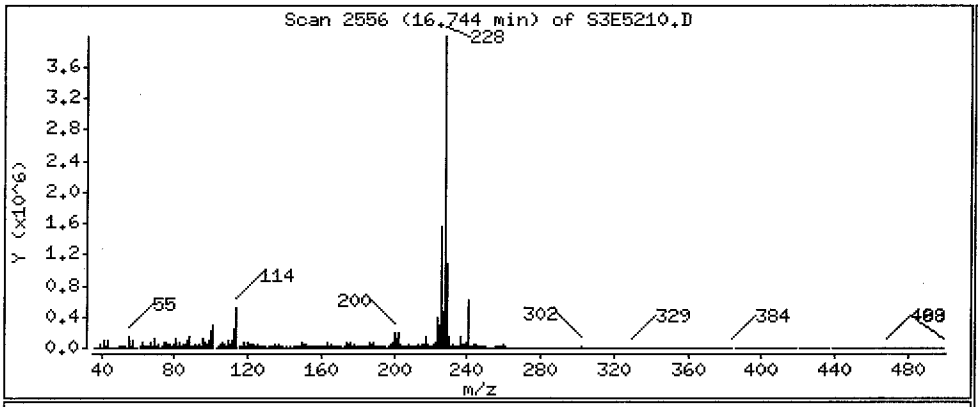
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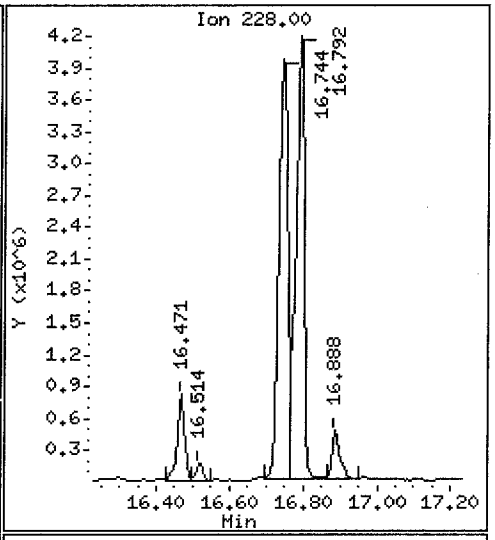
Sample Info: F0981-07A,,31309,,

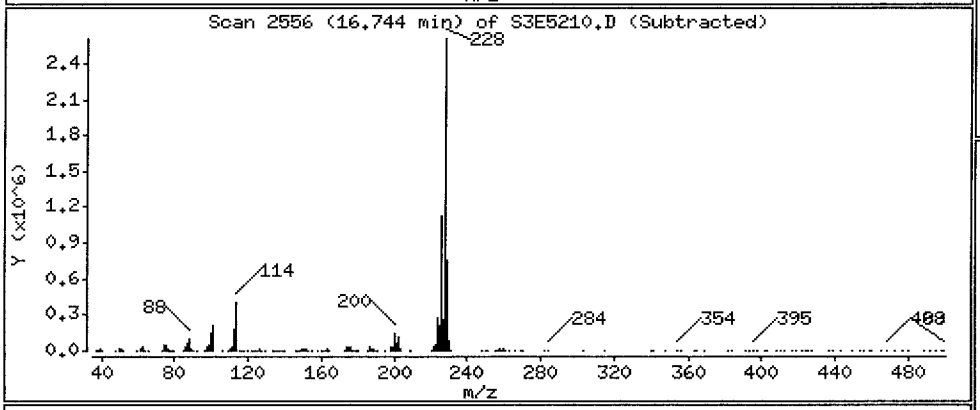
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

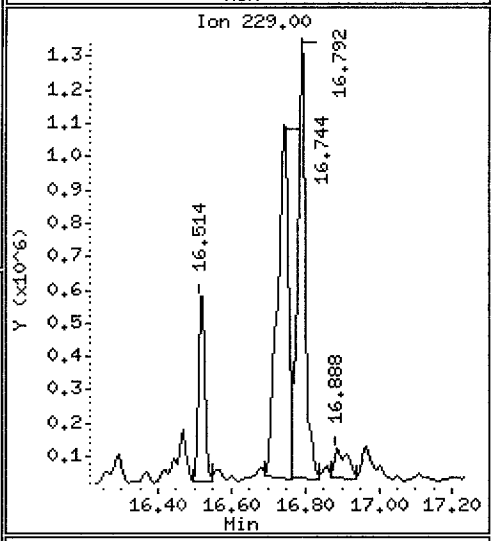
Column phase: DB-5MS Column diameter: 0.25

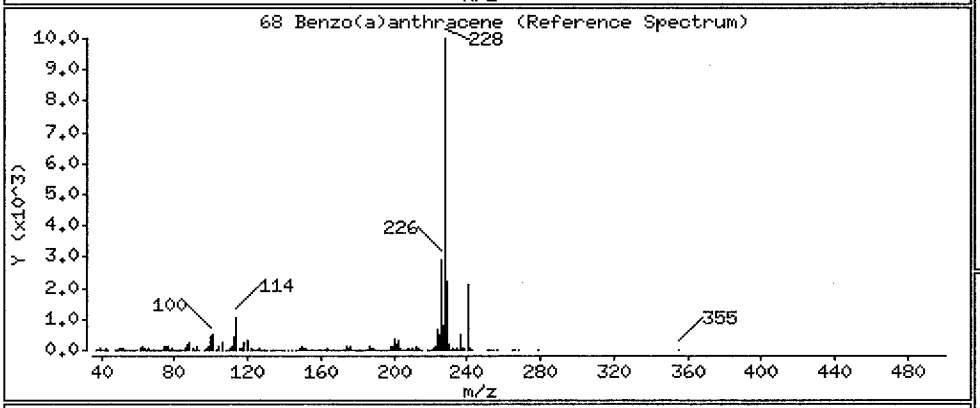
68 Benzo(a)anthracene Concentration: 1500 ug/Kg

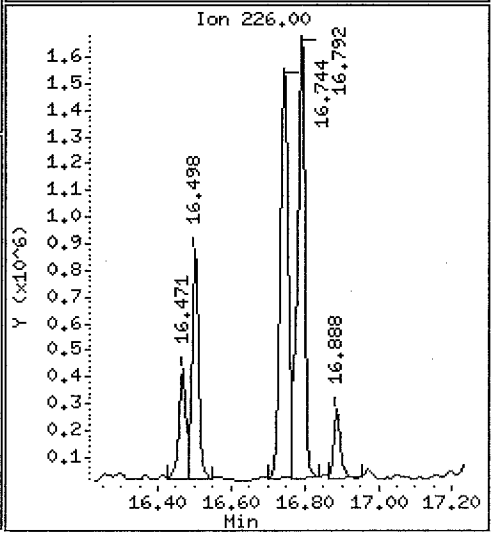


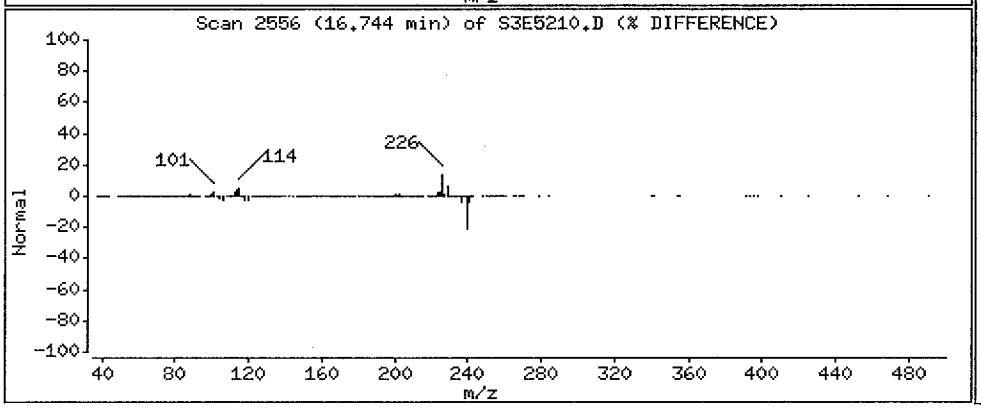












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

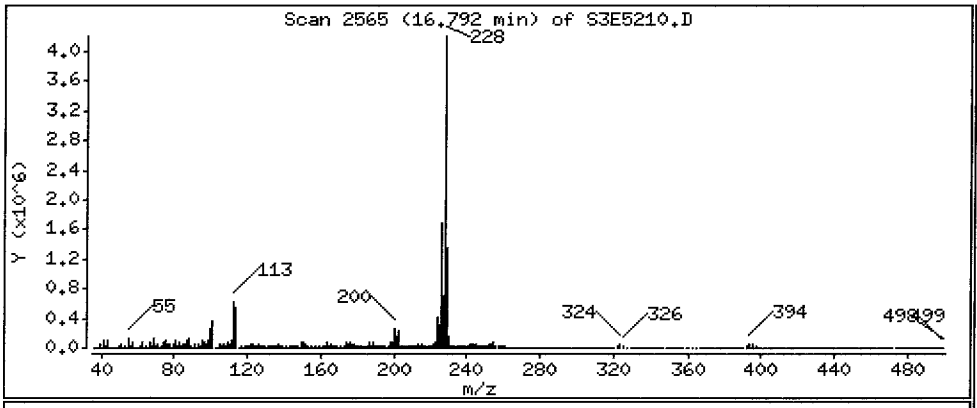
Client ID: MW-BR07 Instrument: S3.i

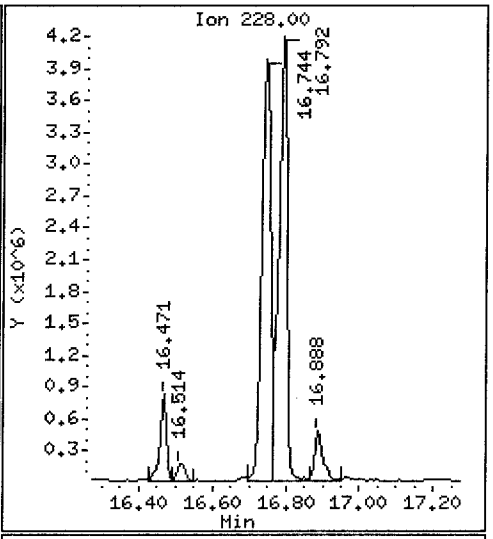
Sample Info: F0981-07A,,31309,,

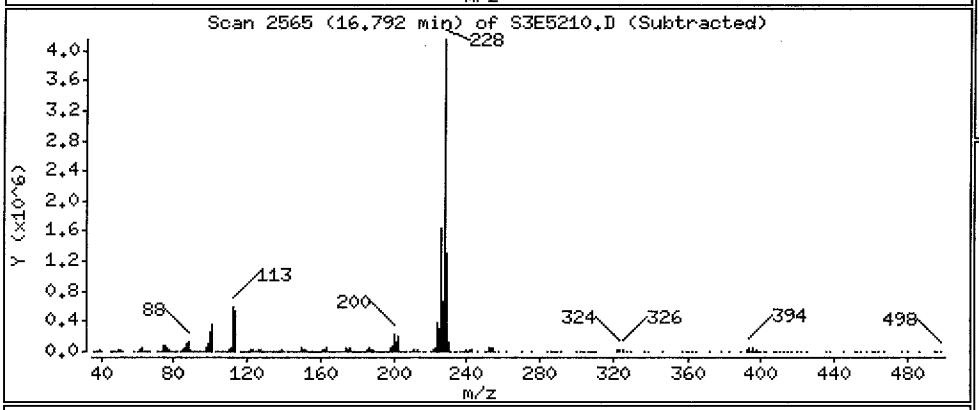
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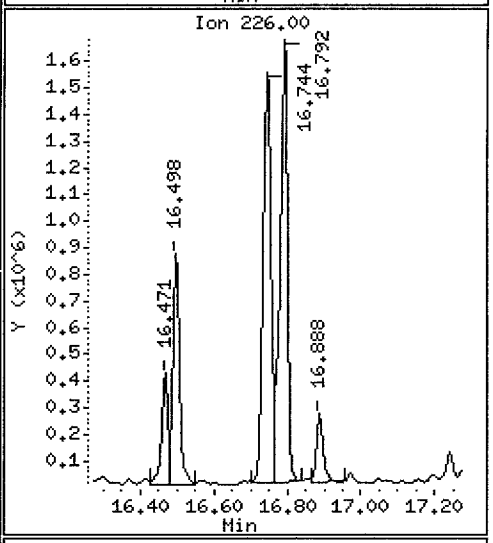
Column phase: DB-5MS Column diameter: 0.25

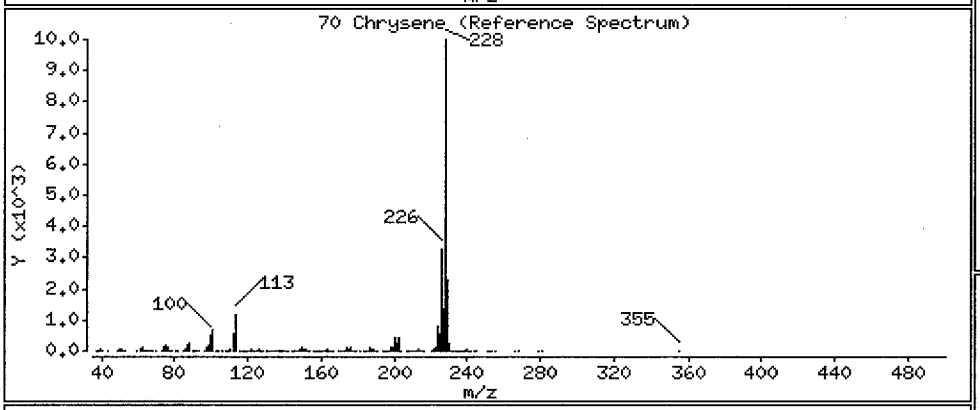
70 Chrysene Concentration: 1700 ug/Kg

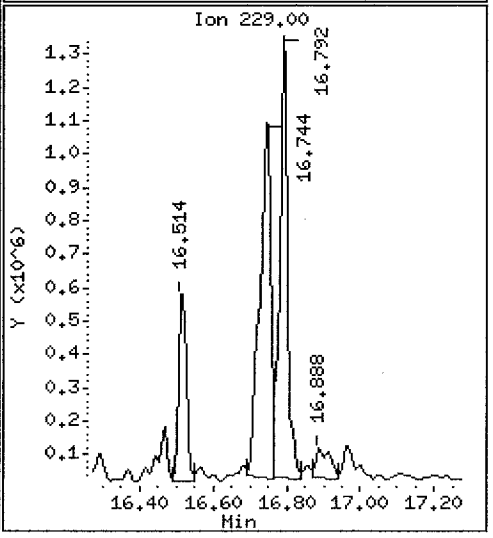


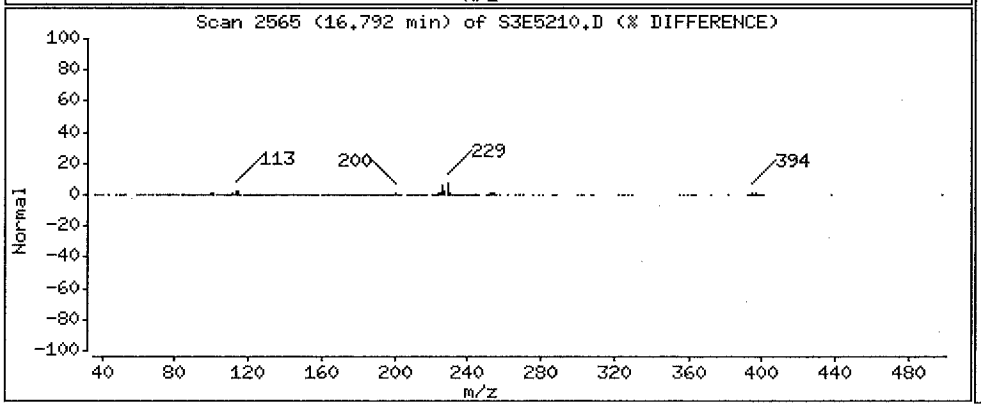












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

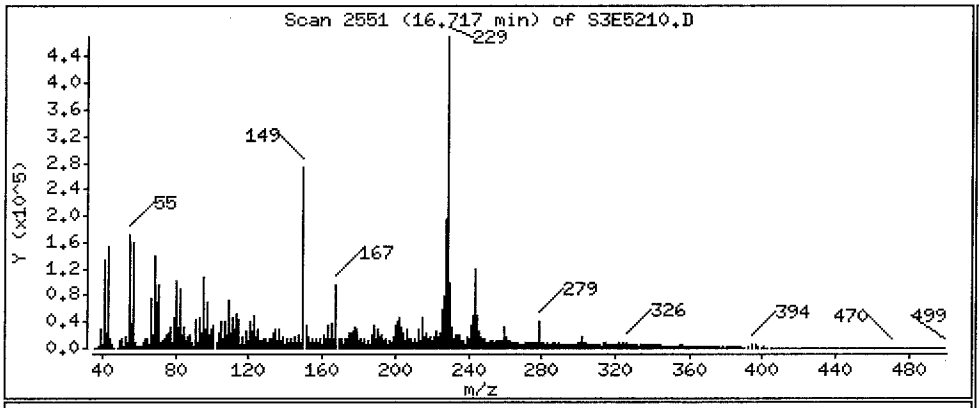
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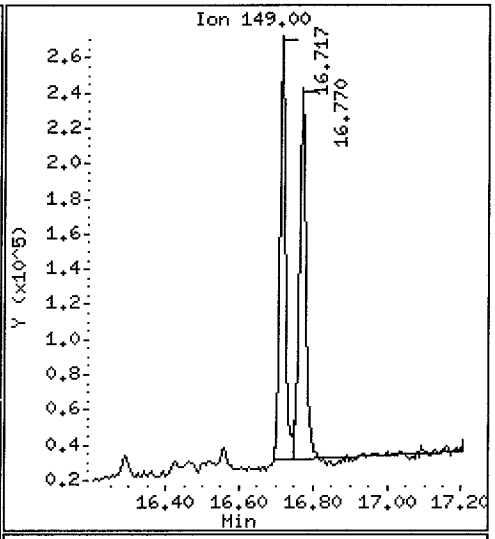
Sample Info: F0981-07A,,31309,,

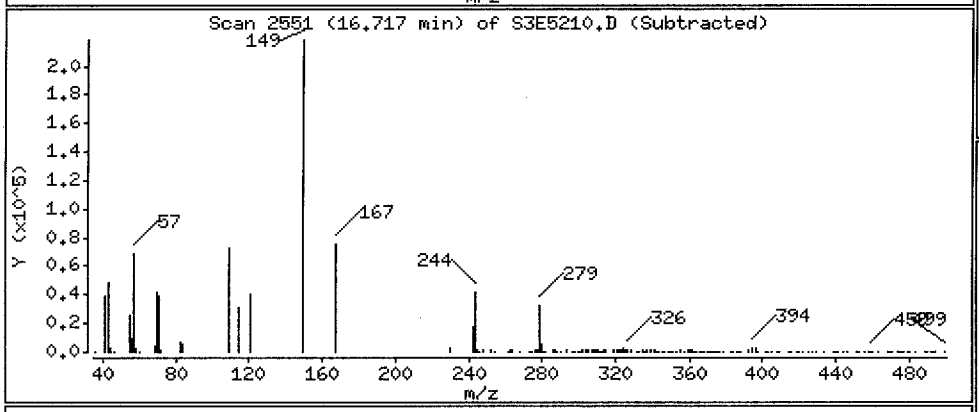
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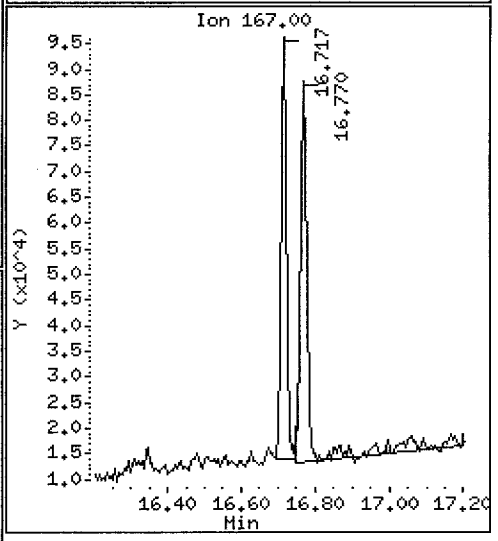
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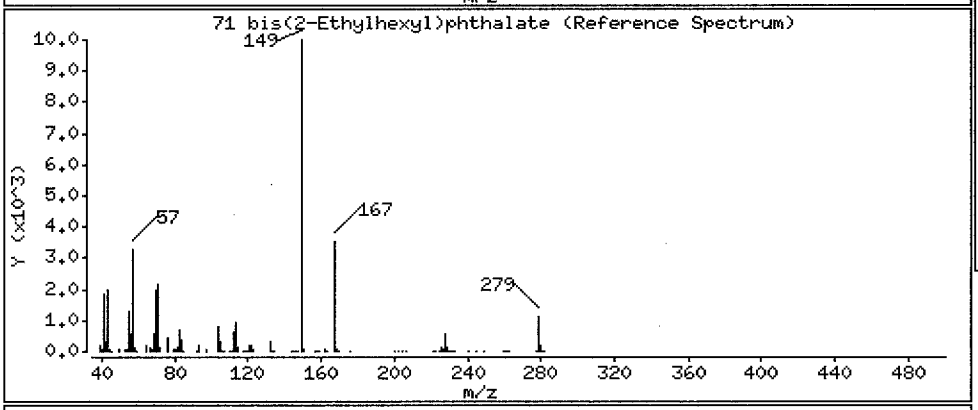
71 bis(2-Ethylhexyl)phthalate Concentration: 100 ug/Kg

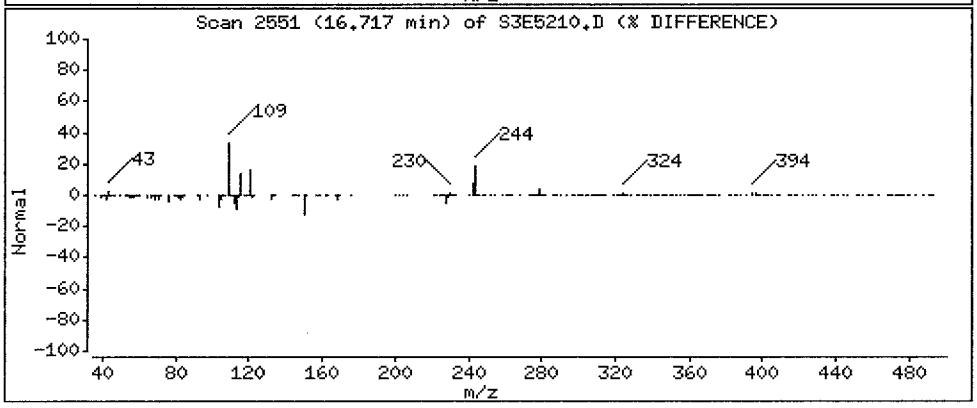












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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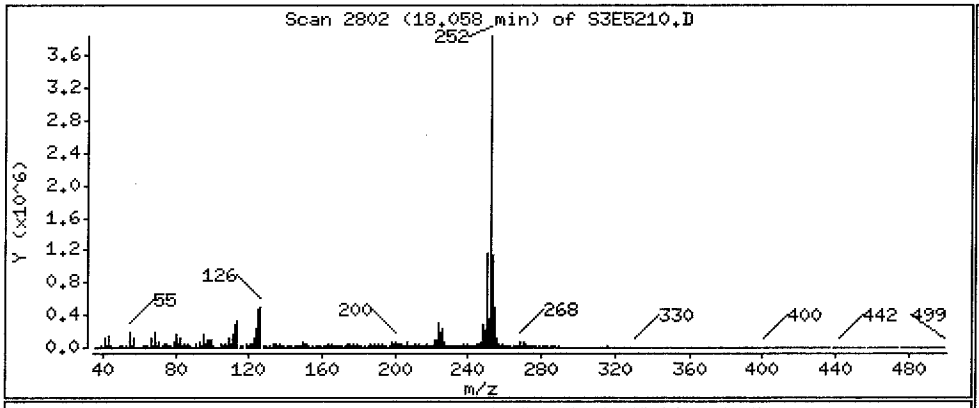
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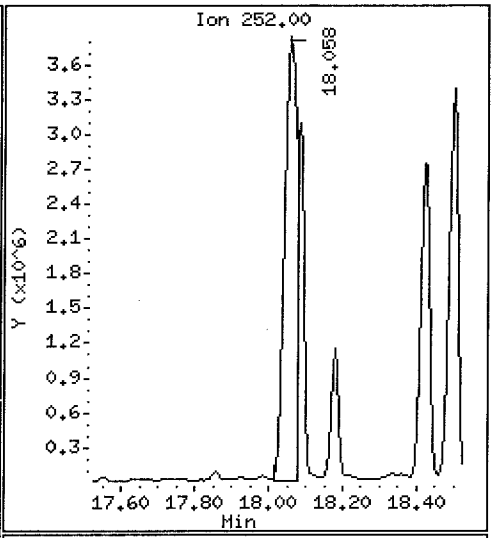
Sample Info: F0981-07A,,31309,,

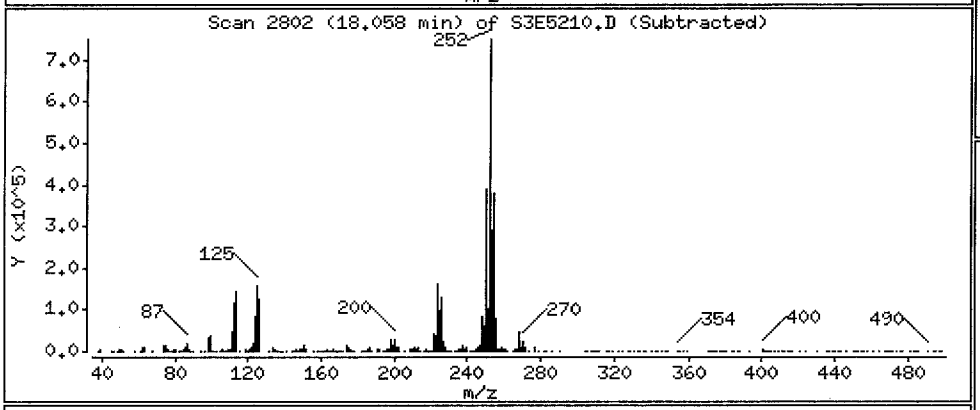
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

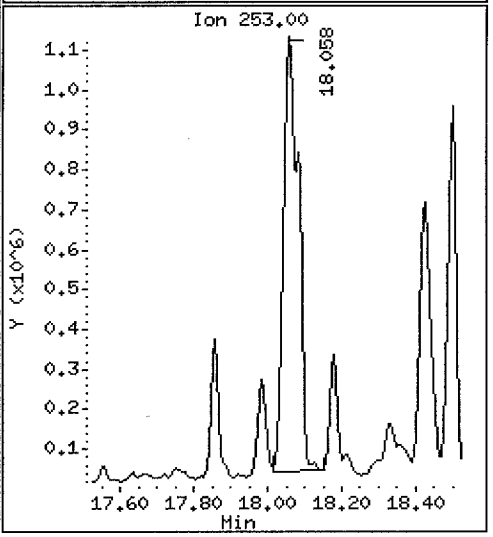
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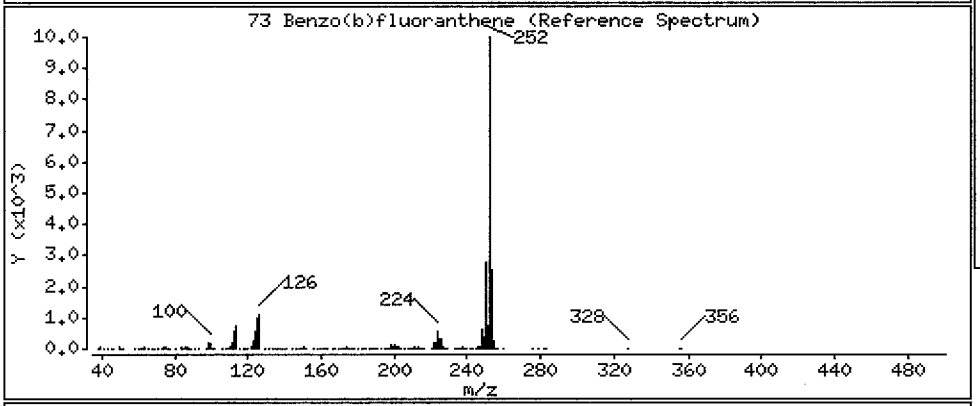
73 Benzo(b)fluoranthene Concentration: 1900 ug/Kg

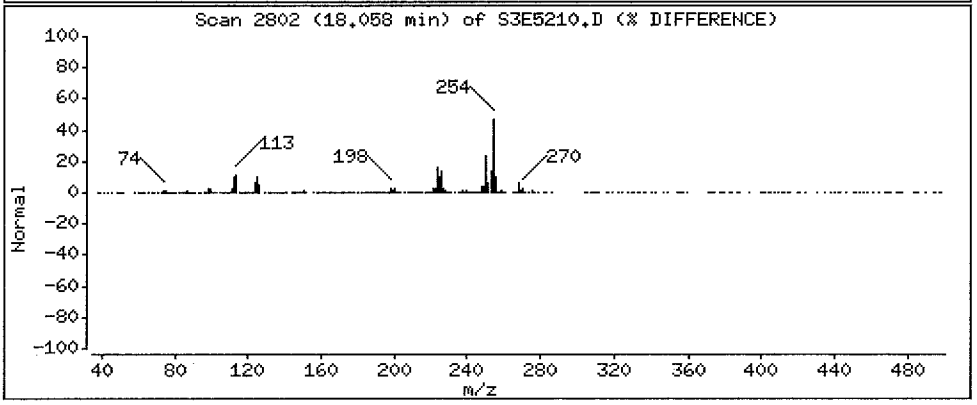












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

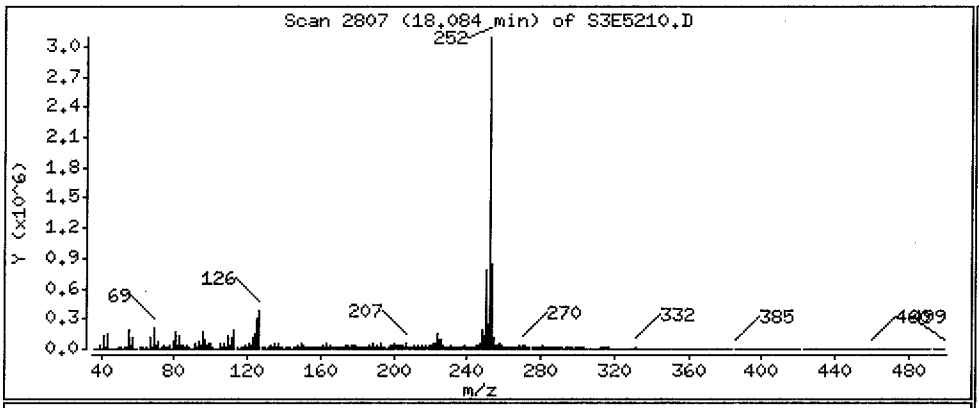
Client ID: MW-BR07 Instrument: S3.i

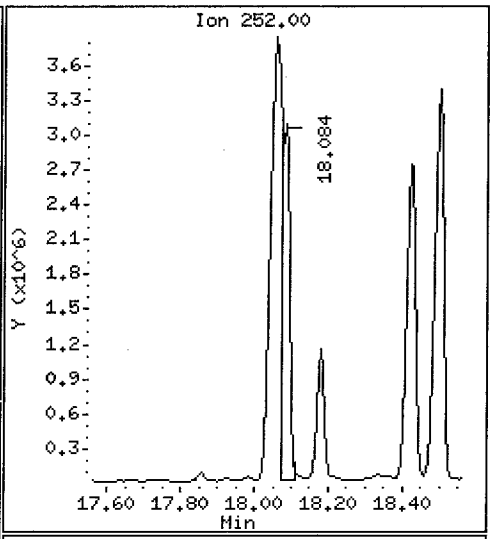
Sample Info: F0981-07A,,31309,,

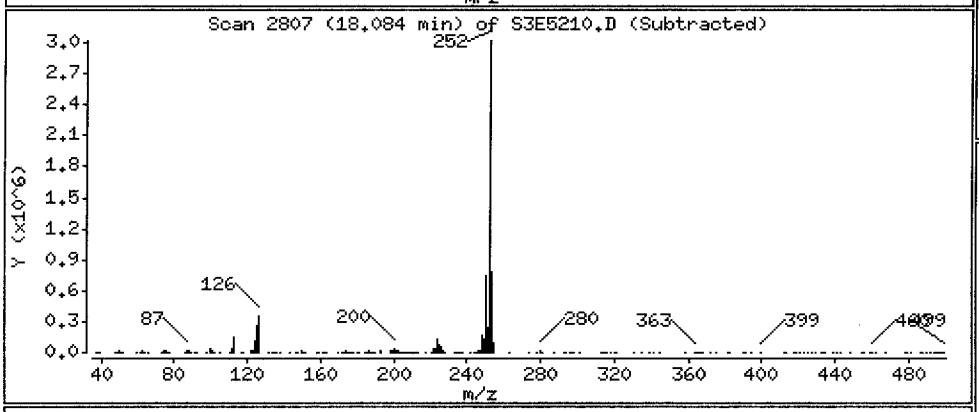
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

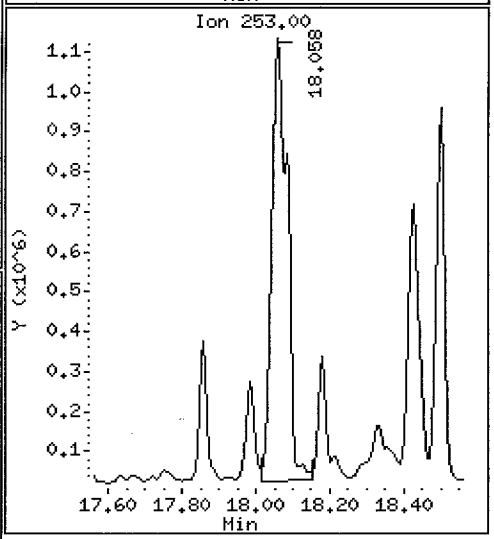
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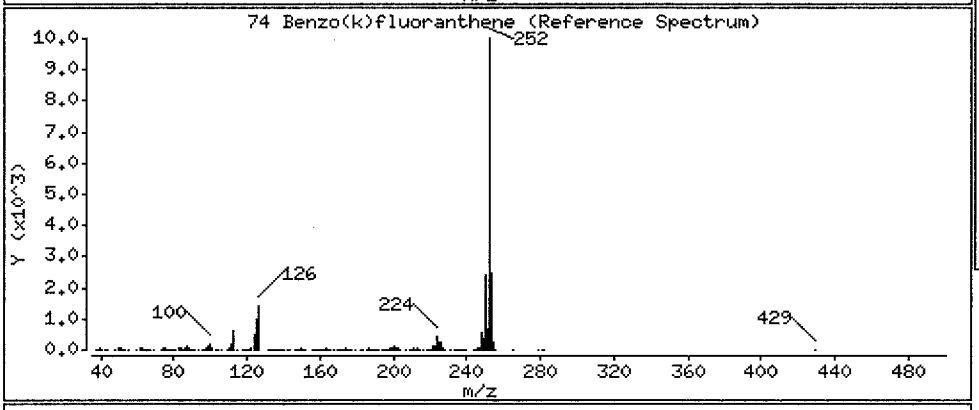
74 Benzo(k)fluoranthene Concentration: 950 ug/Kg

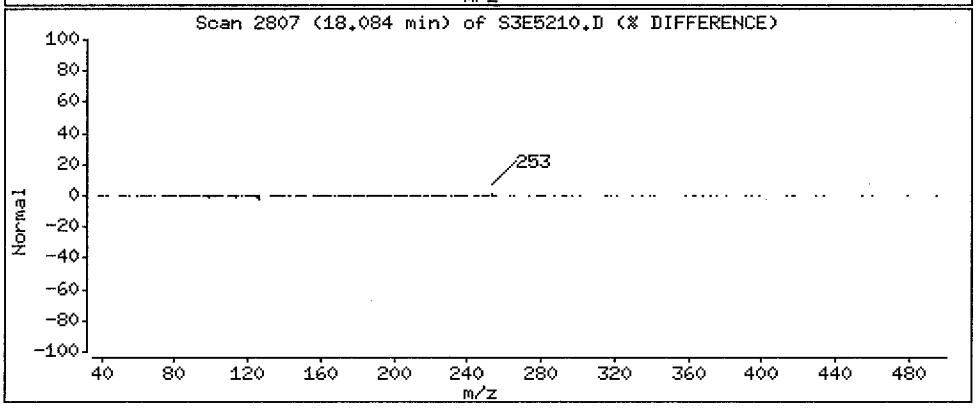












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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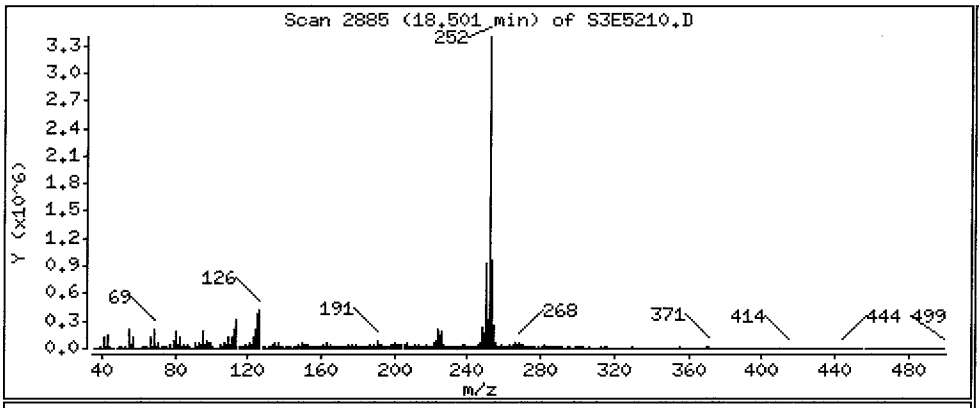
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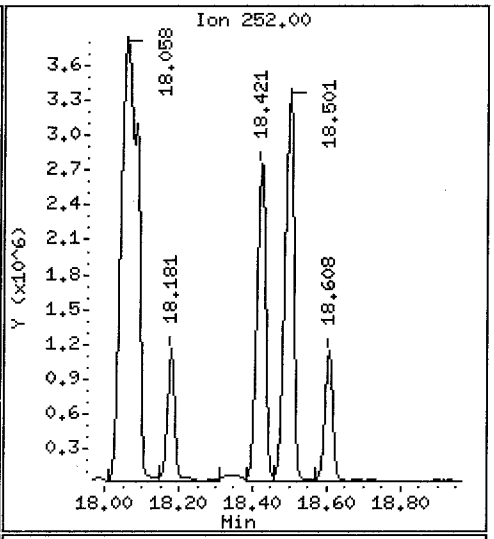
Sample Info: F0981-07A,,31309,,

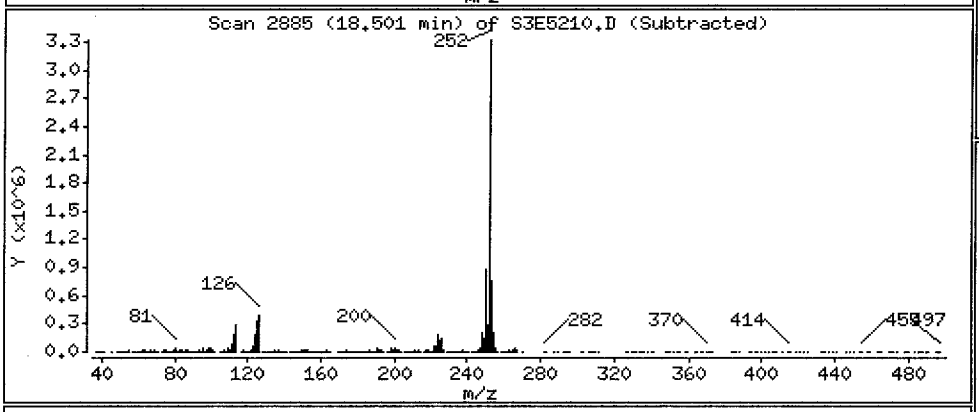
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

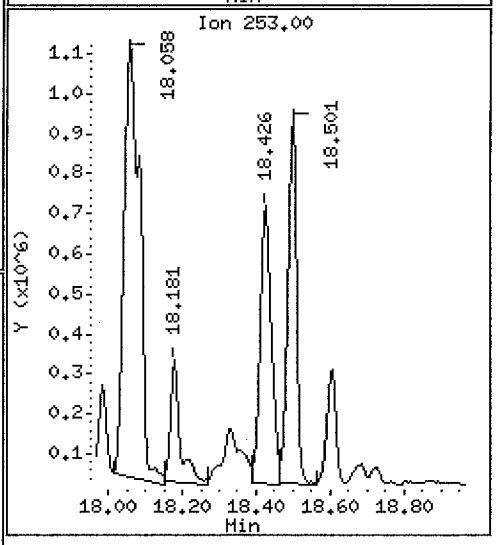
Column phase: DB-5MS Column diameter: 0.25

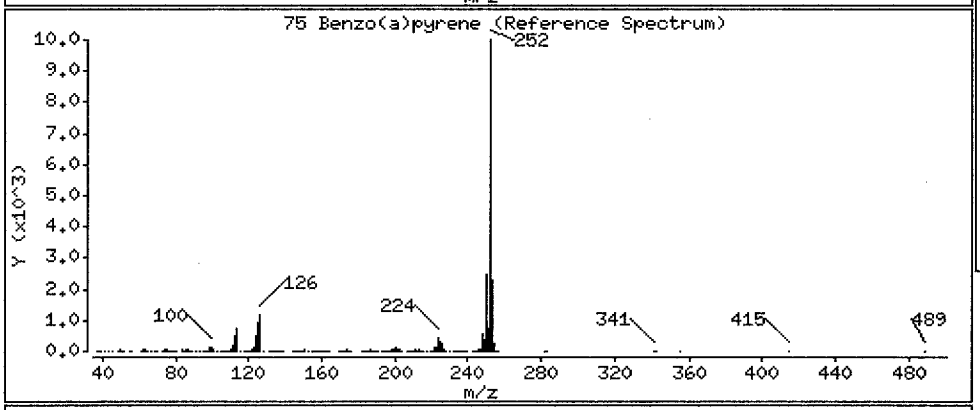
75 Benzo(a)pyrene Concentration: 1300 ug/Kg

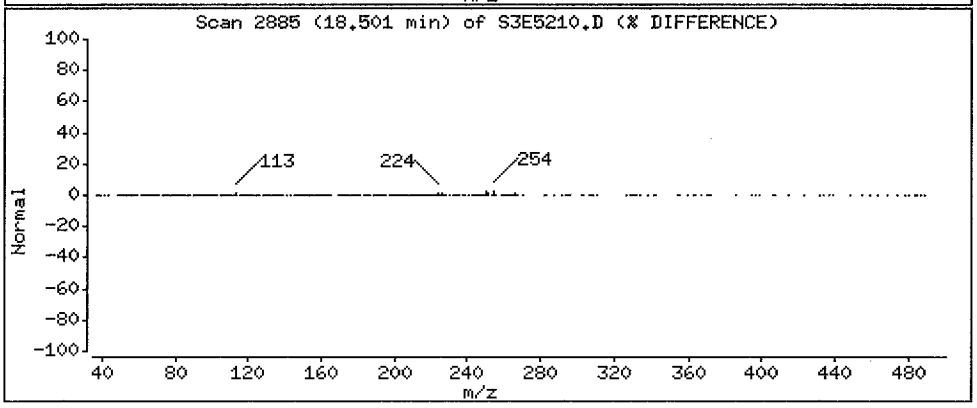












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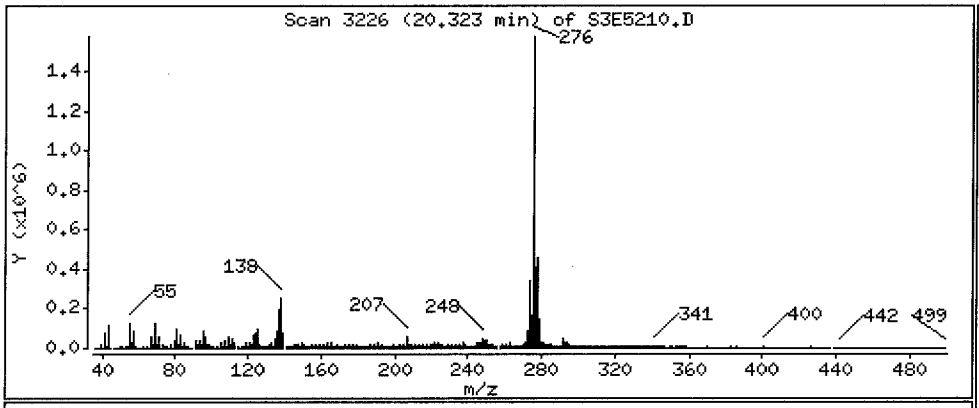
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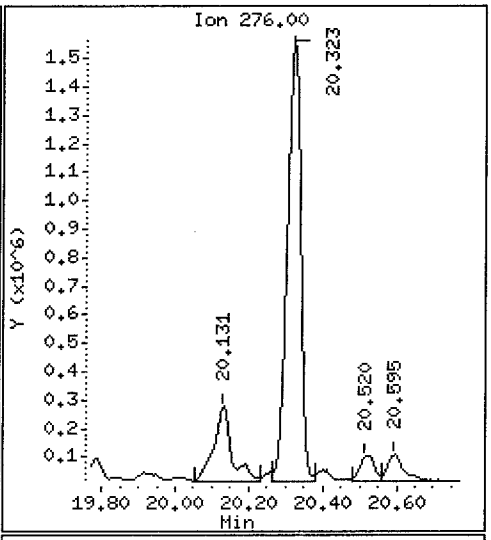
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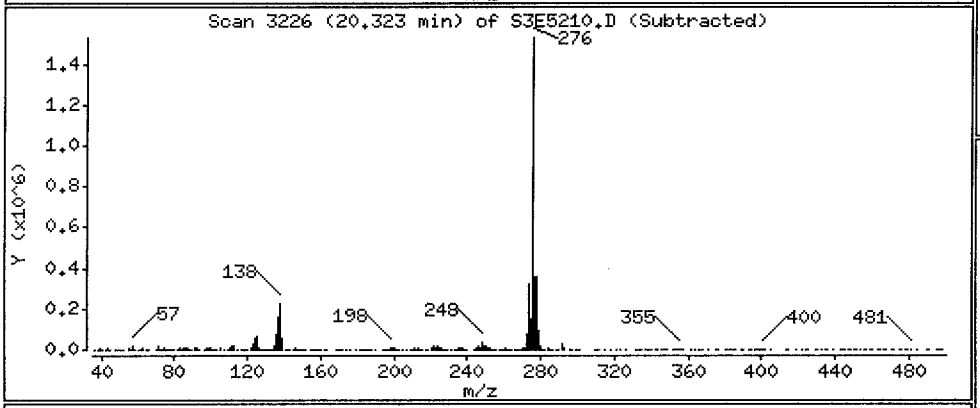
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

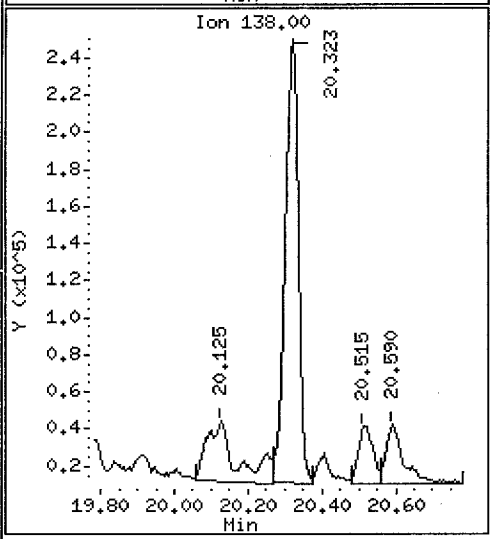
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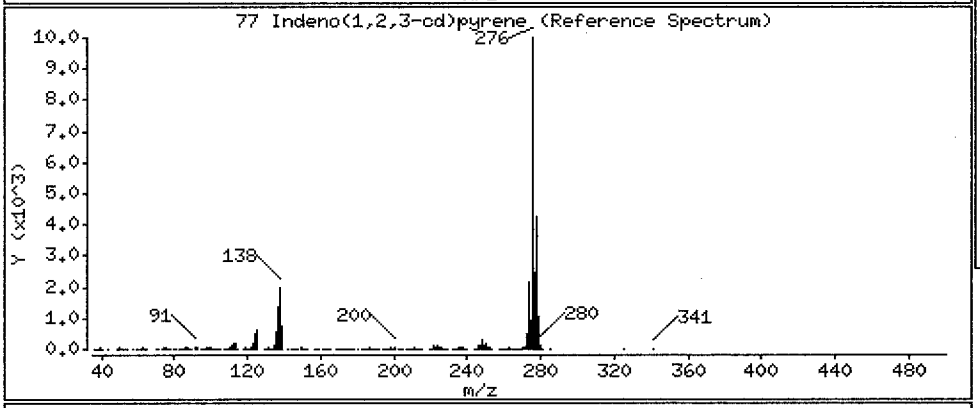
77 Indeno(1,2,3-cd)pyrene Concentration: 740 ug/Kg

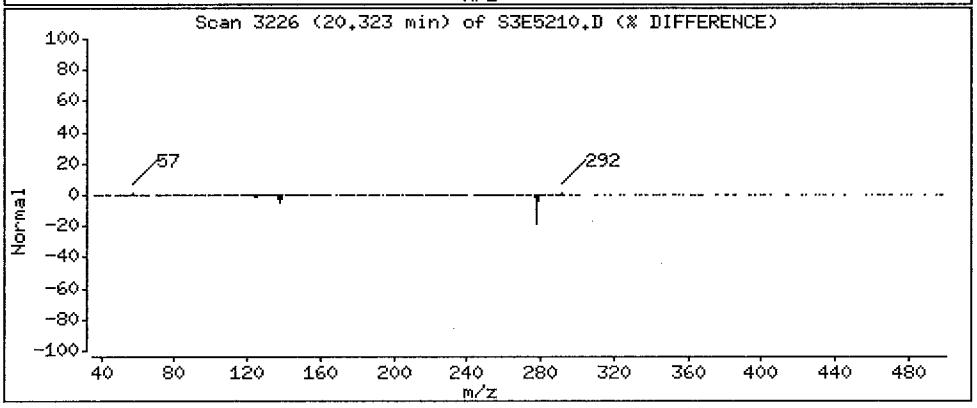












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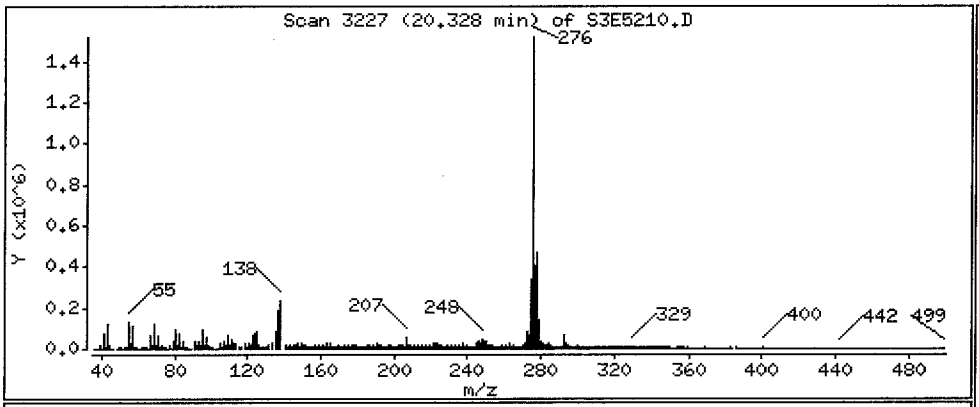
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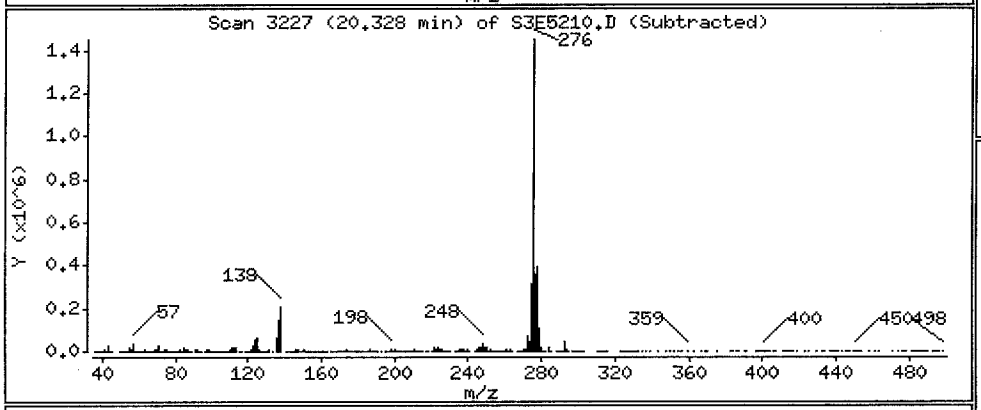
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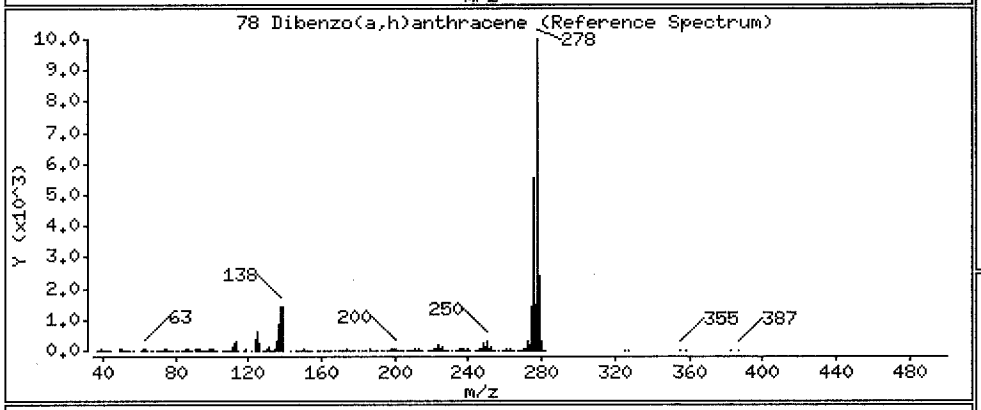
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

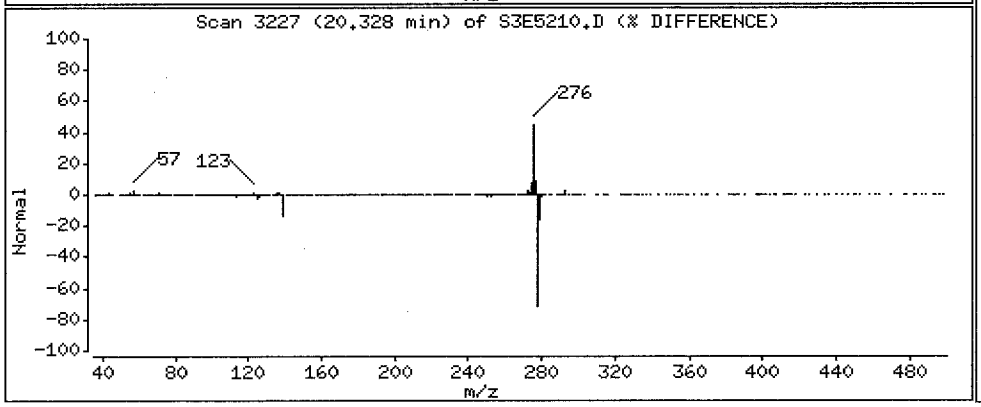
Column phase: DB-5MS Column diameter: 0.25

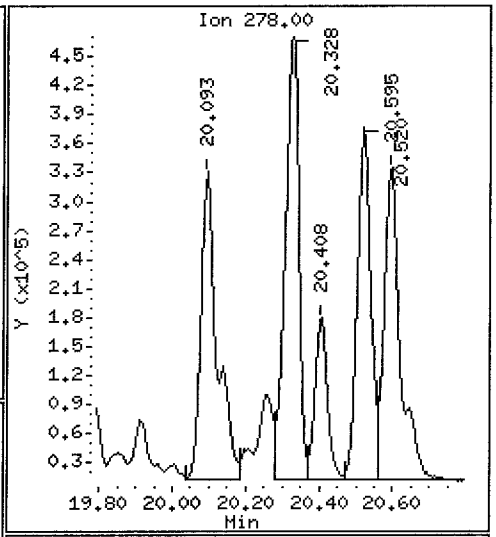
78 Dibenzo(a,h)anthracene Concentration: 260 ug/Kg

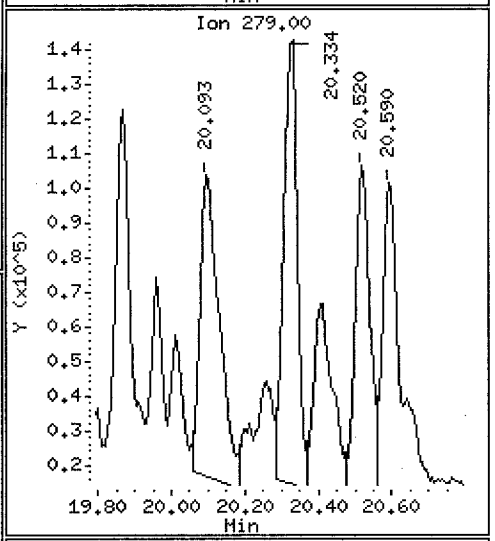


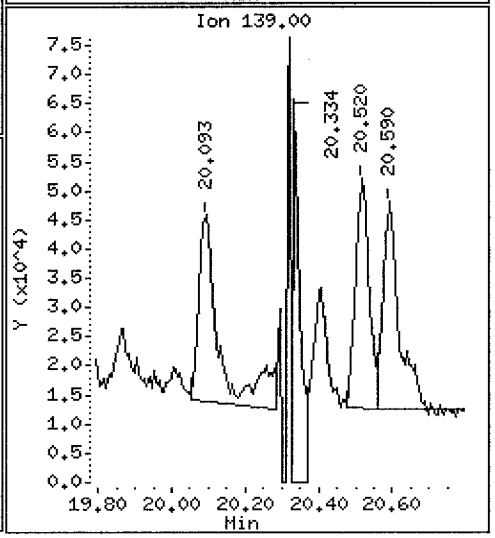












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Date : 11-AUG-2007 00:21

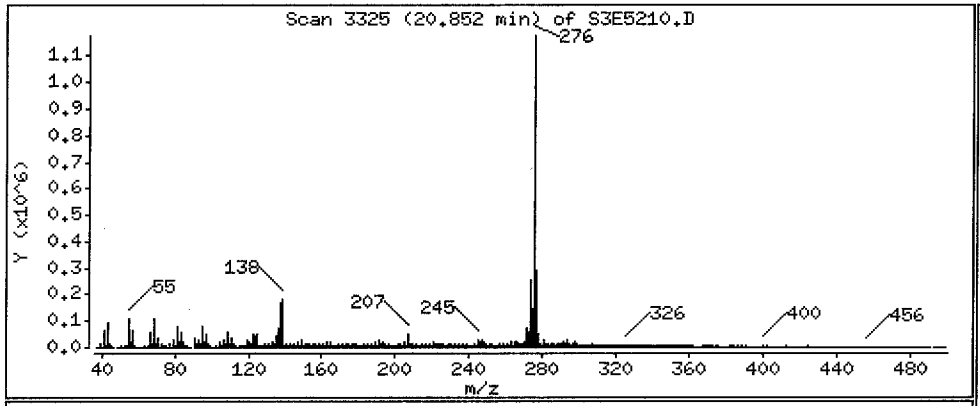
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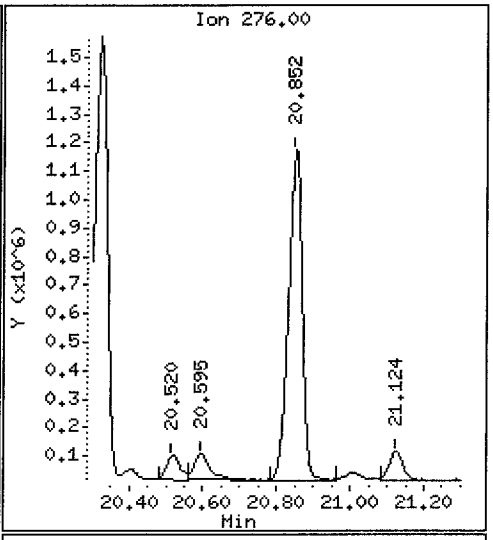
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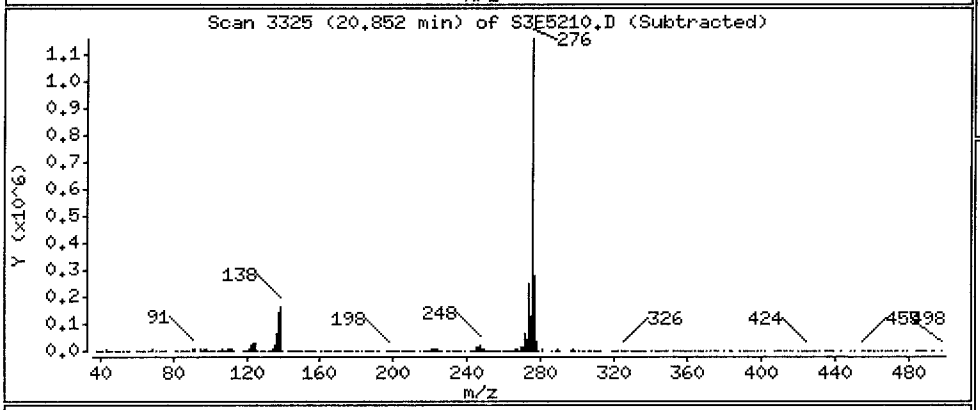
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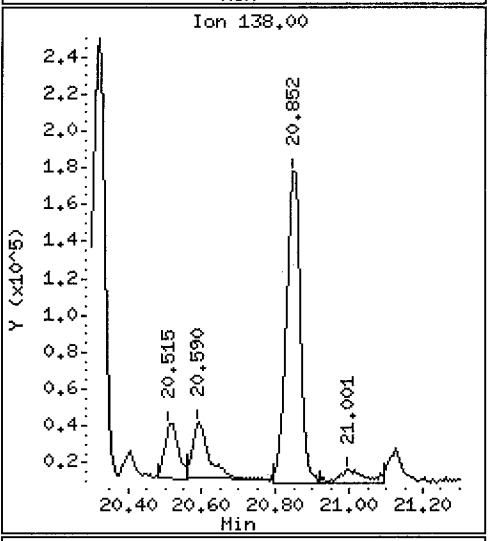
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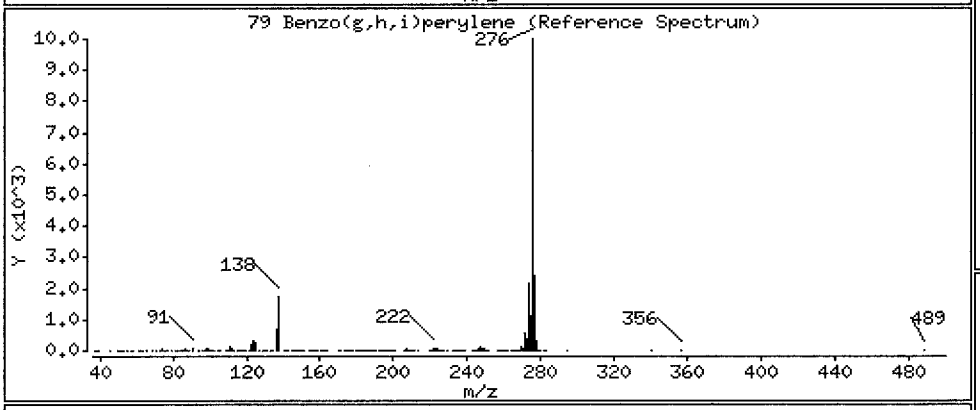
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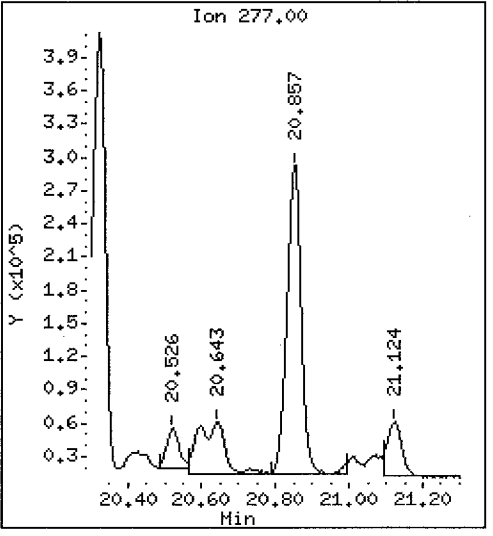


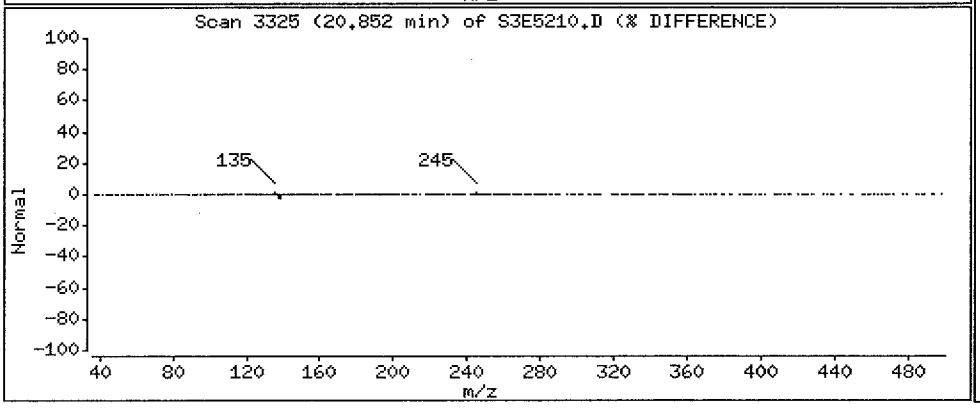












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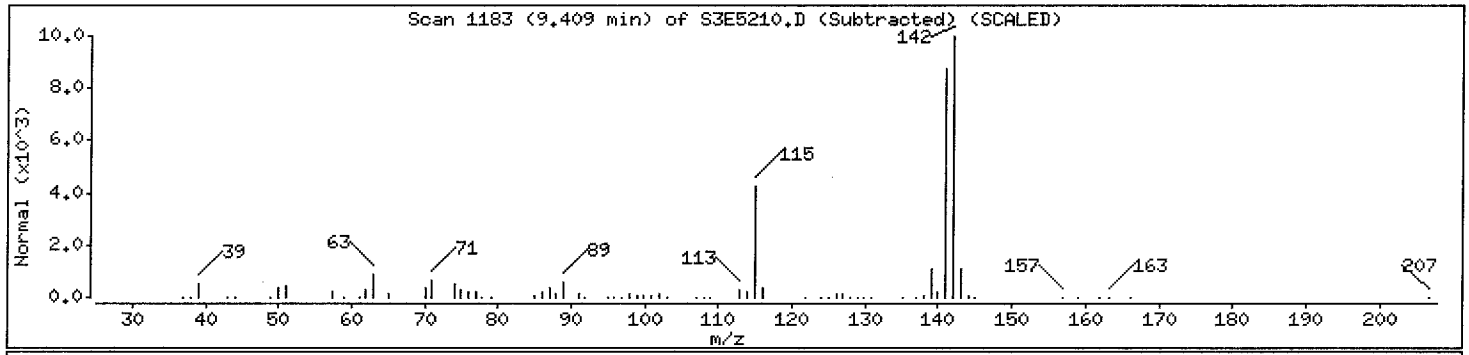
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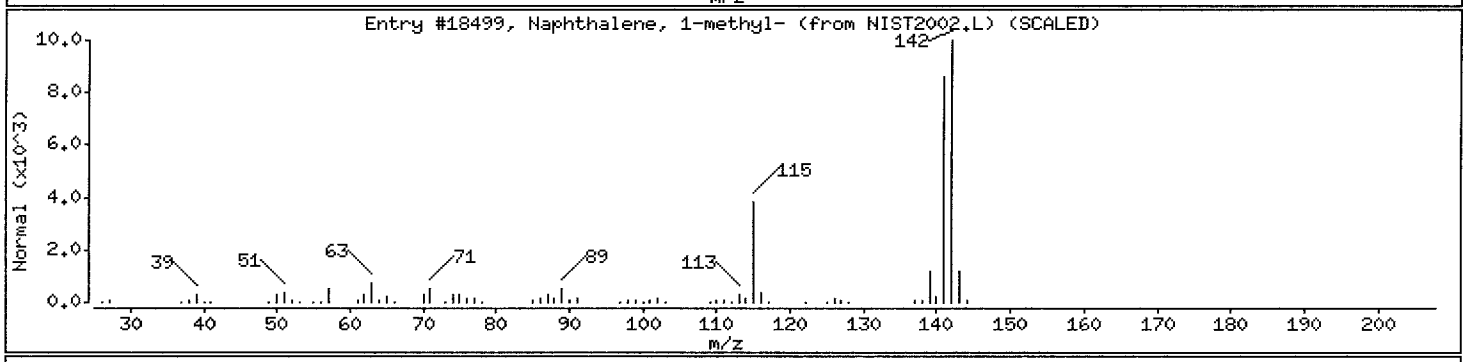
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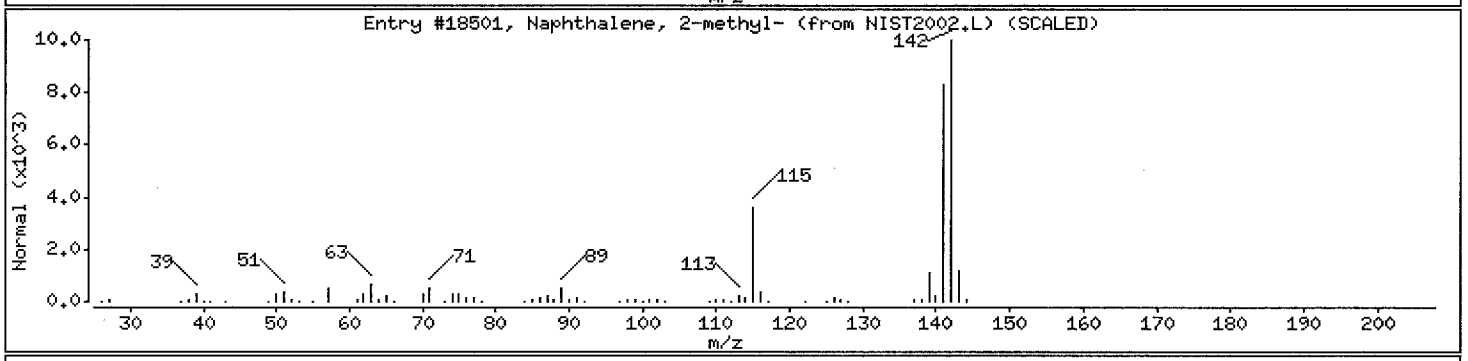
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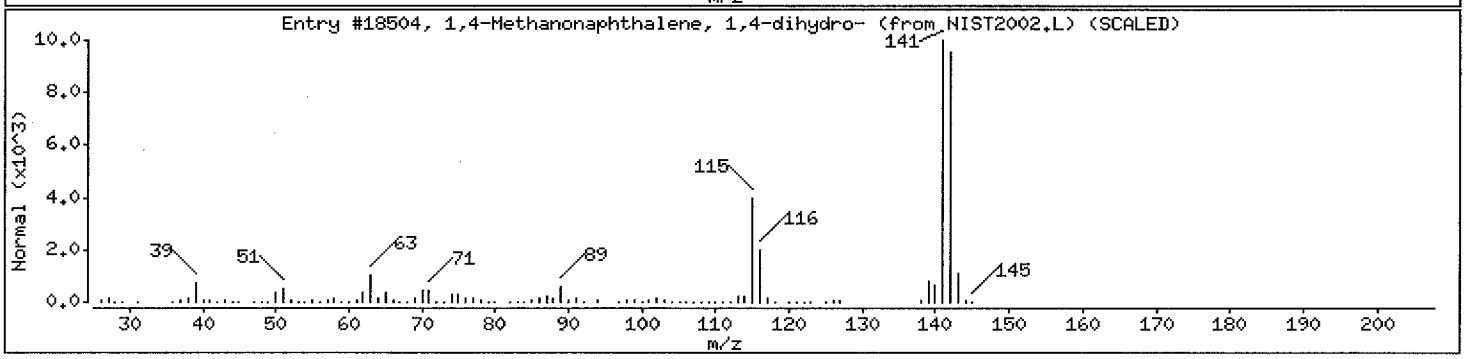
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1-methyl-	90-12-0	NIST2002.L	18499	96	C11H10	142
Naphthalene, 2-methyl-	91-57-6	NIST2002.L	18501	96	C11H10	142
1,4-Methanonaphthalene, 1,4-dihydro-	4453-90-1	NIST2002.L	18504	94	C11H10	142









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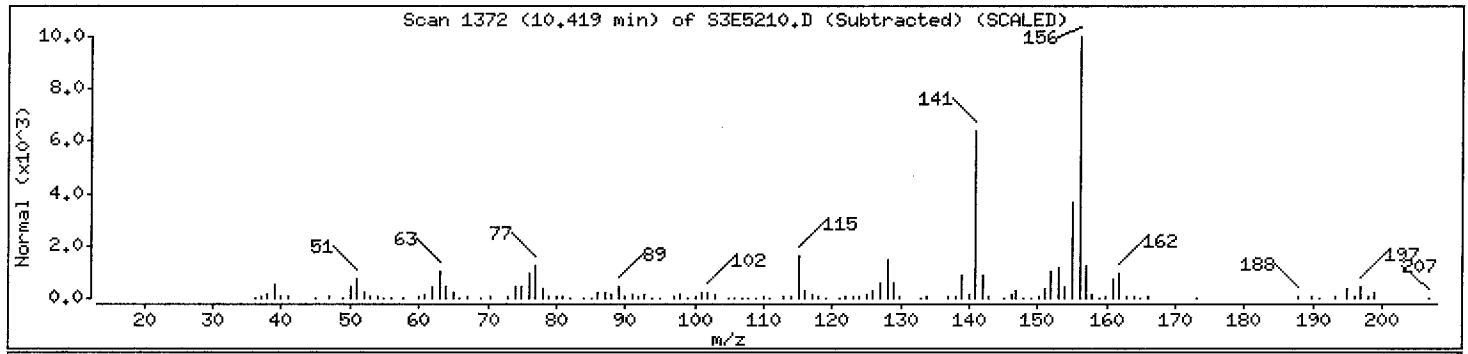
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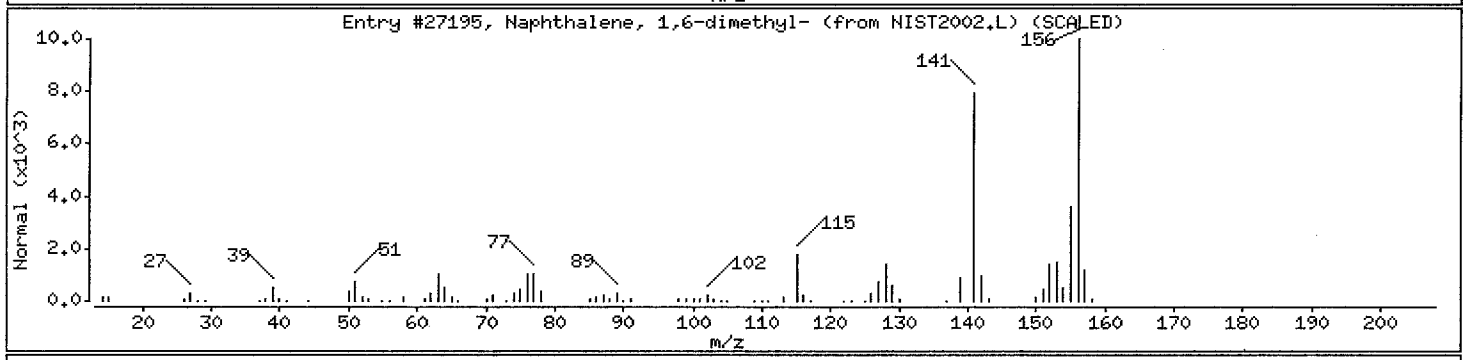
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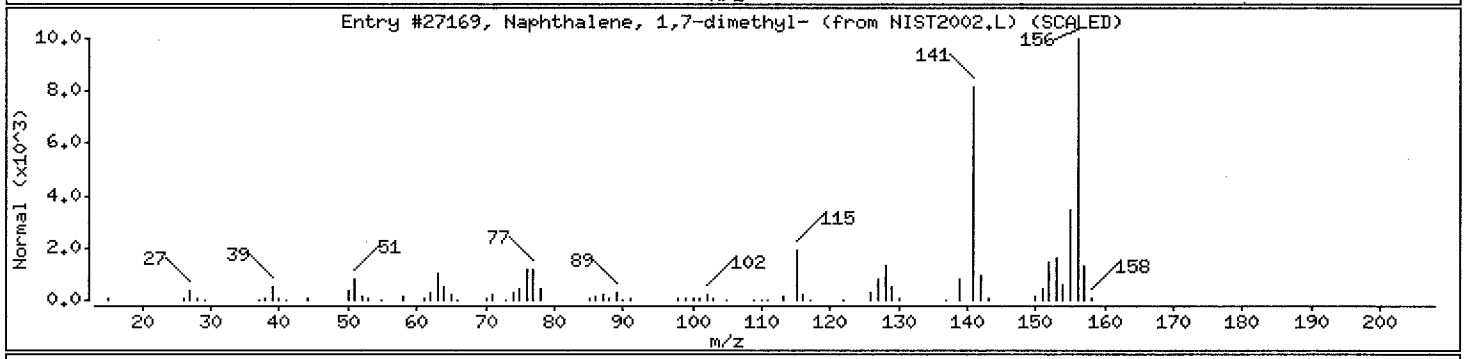
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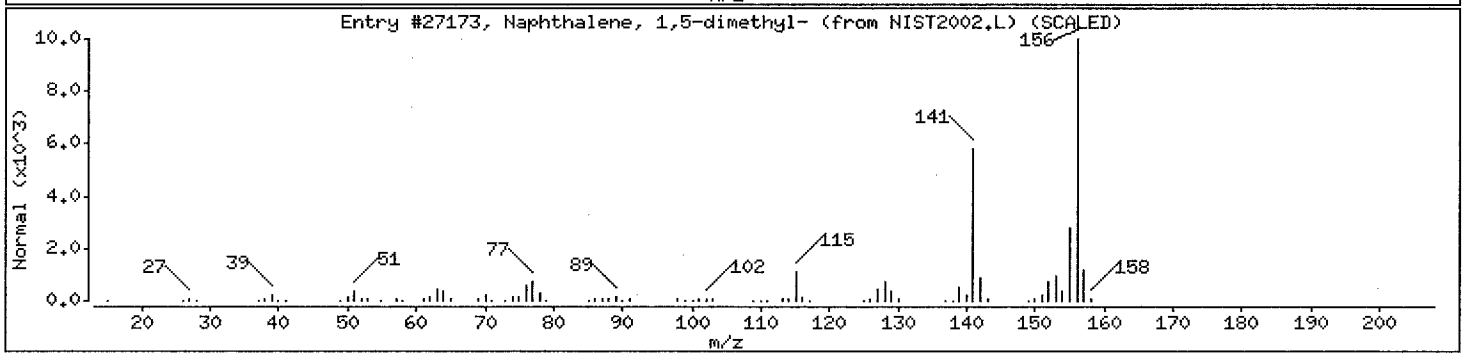
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1,6-dimethyl-	575-43-9	NIST2002.L	27195	98	C12H12	156
Naphthalene, 1,7-dimethyl-	575-37-1	NIST2002.L	27169	98	C12H12	156
Naphthalene, 1,5-dimethyl-	571-61-9	NIST2002.L	27173	97	C12H12	156









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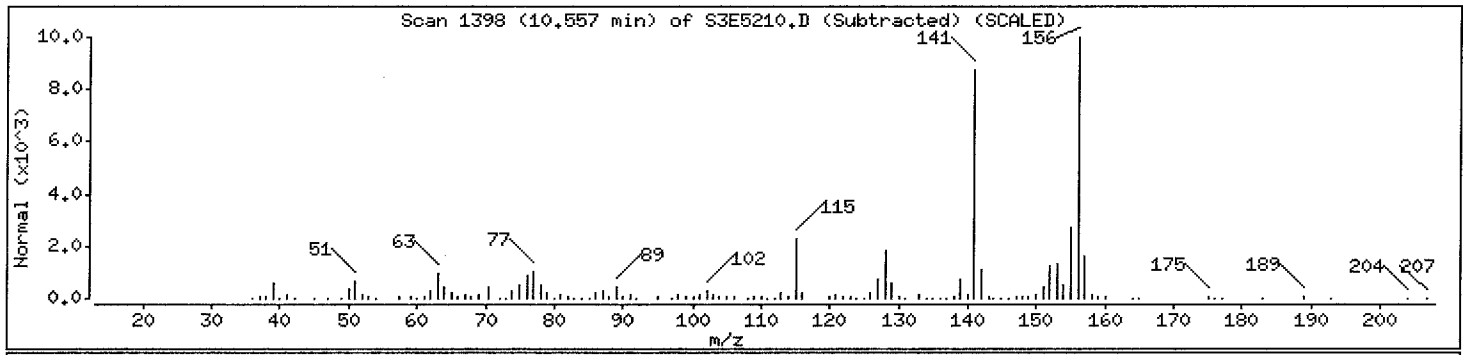
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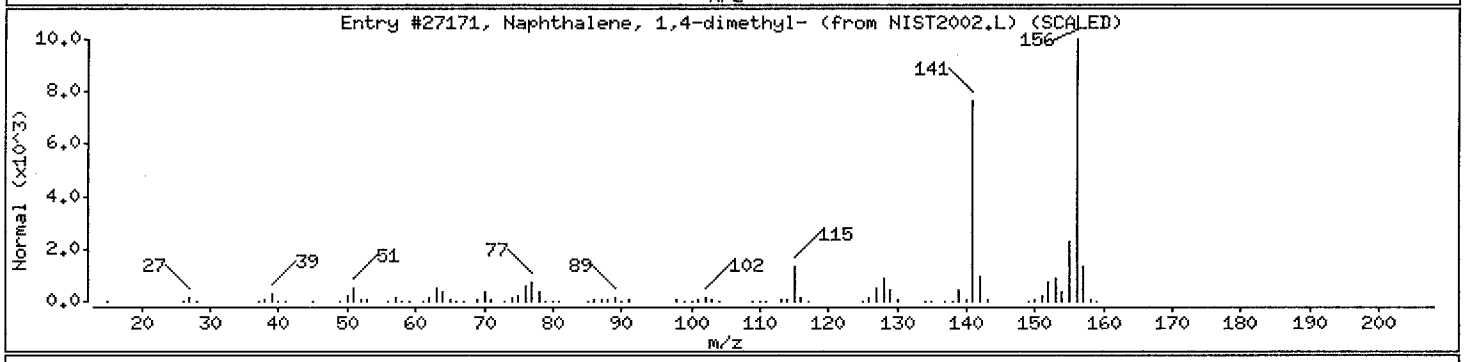
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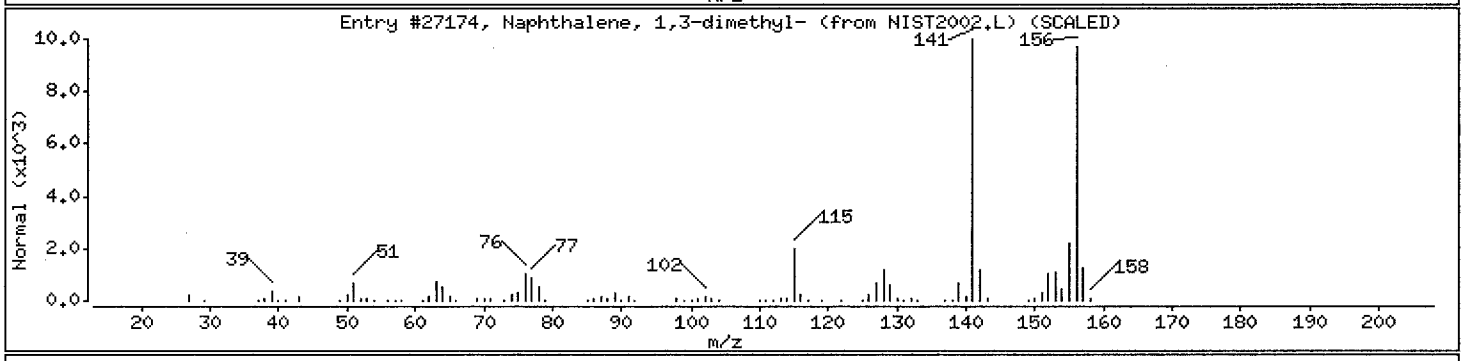
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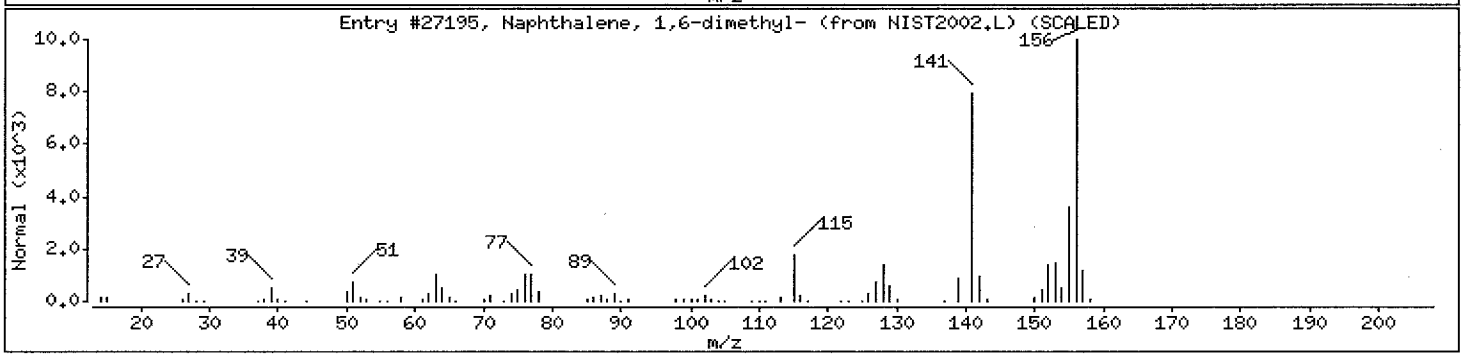
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Naphthalene, 1,3-dimethyl-	575-41-7	NIST2002.L	27174	96	C12H12	156
Naphthalene, 1,6-dimethyl-	575-43-9	NIST2002.L	27195	96	C12H12	156









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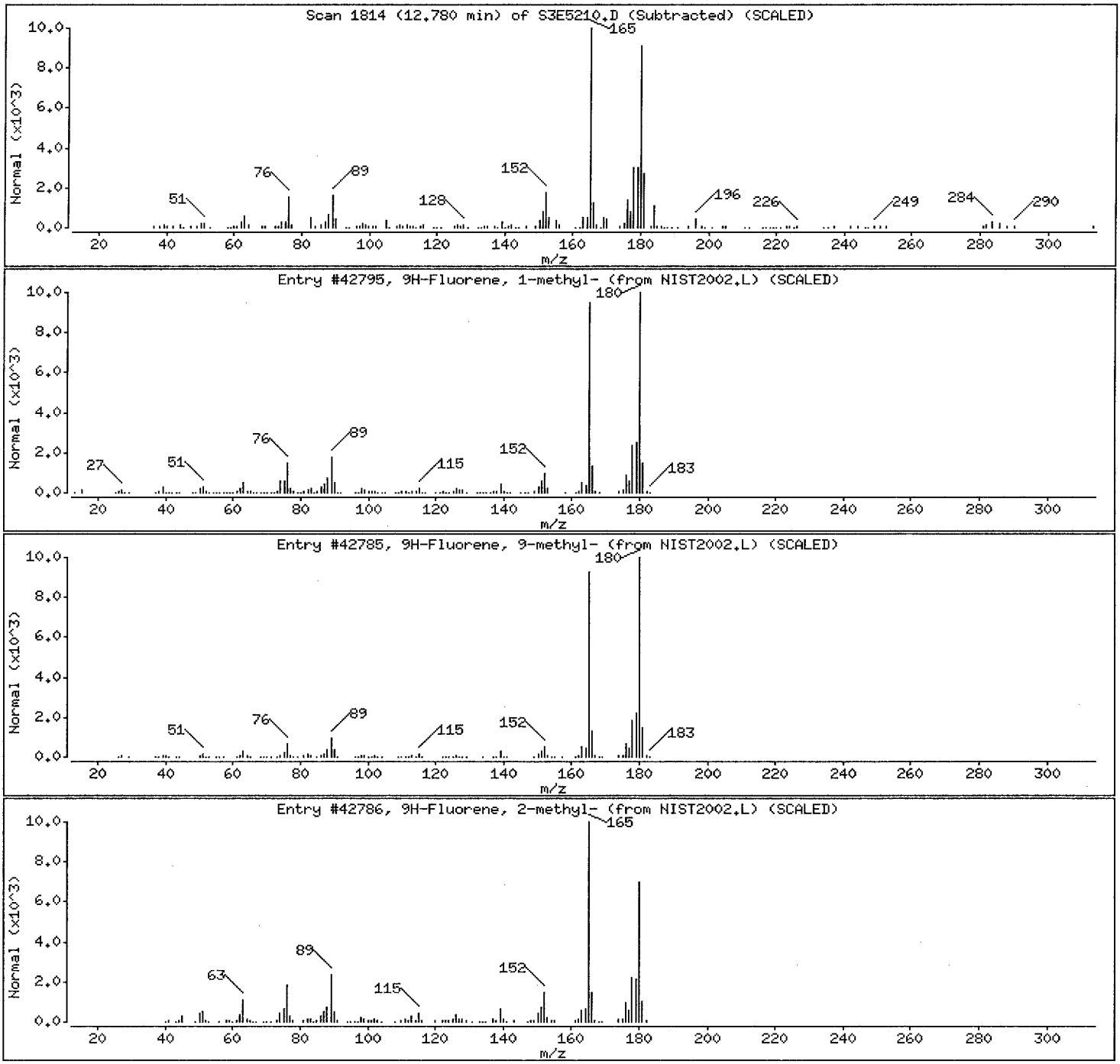
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9H-Fluorene, 1-methyl-	1730-37-6	NIST2002.L	42795	95	C14H12	180
9H-Fluorene, 9-methyl-	2523-37-7	NIST2002.L	42785	93	C14H12	180
9H-Fluorene, 2-methyl-	1430-97-3	NIST2002.L	42786	89	C14H12	180



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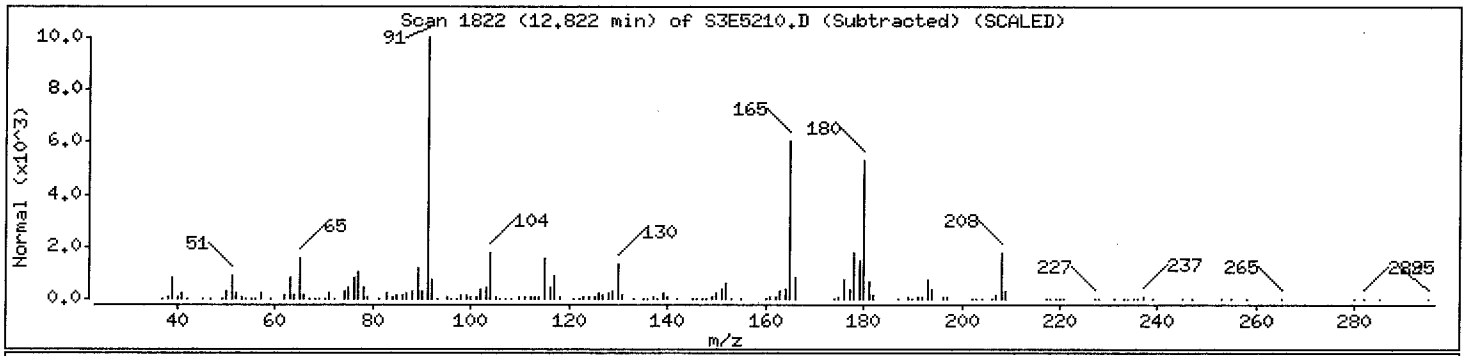
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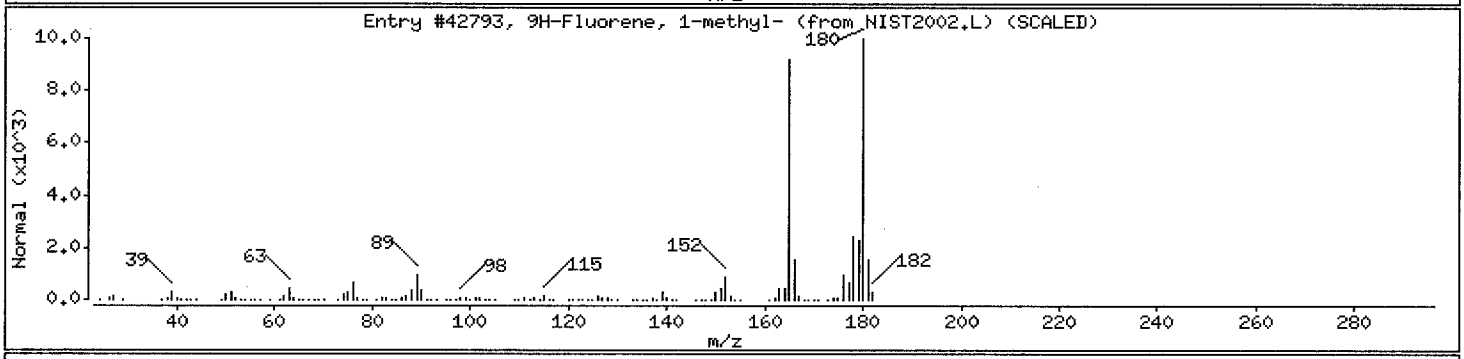
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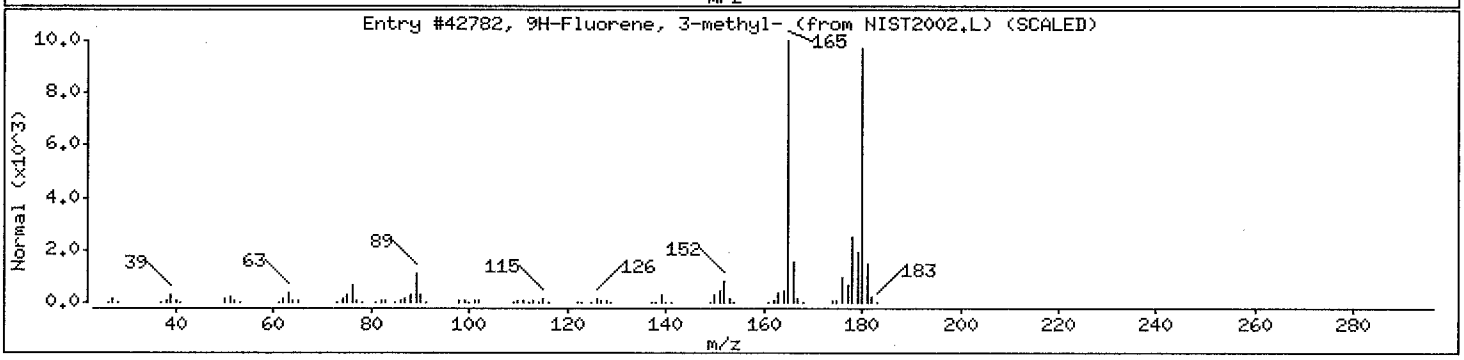
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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9H-Fluorene, 1-methyl-	1730-37-6	NIST2002.L	42793	90	C14H12	180
9H-Fluorene, 3-methyl-	2523-39-9	NIST2002.L	42782	90	C14H12	180







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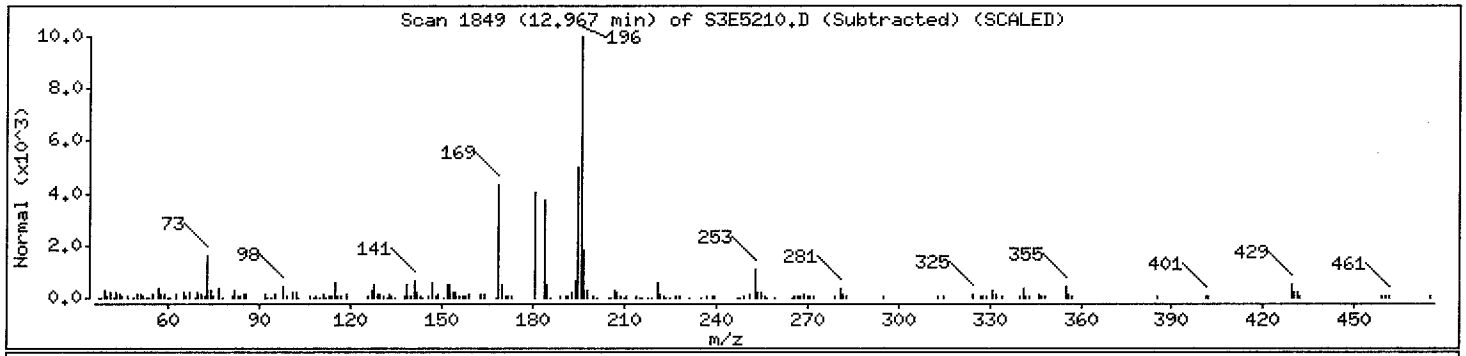
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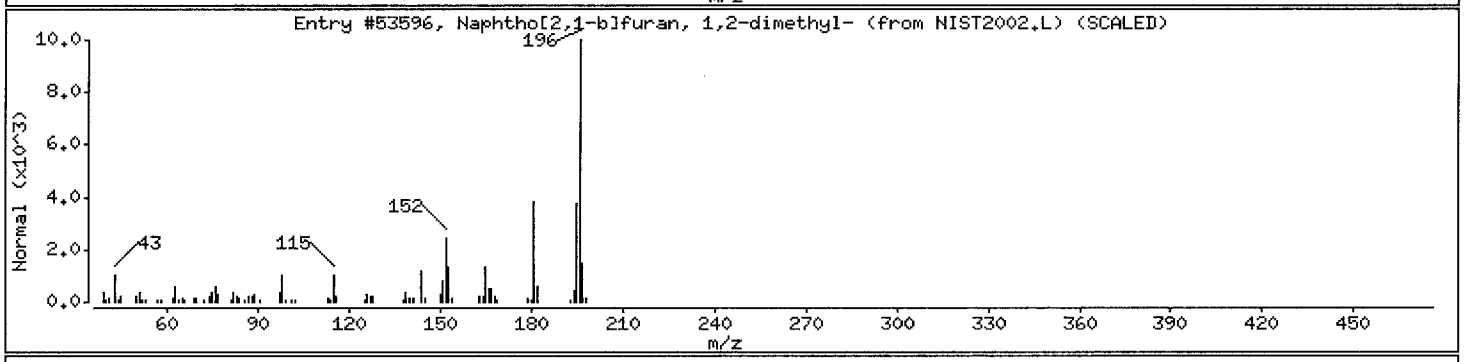
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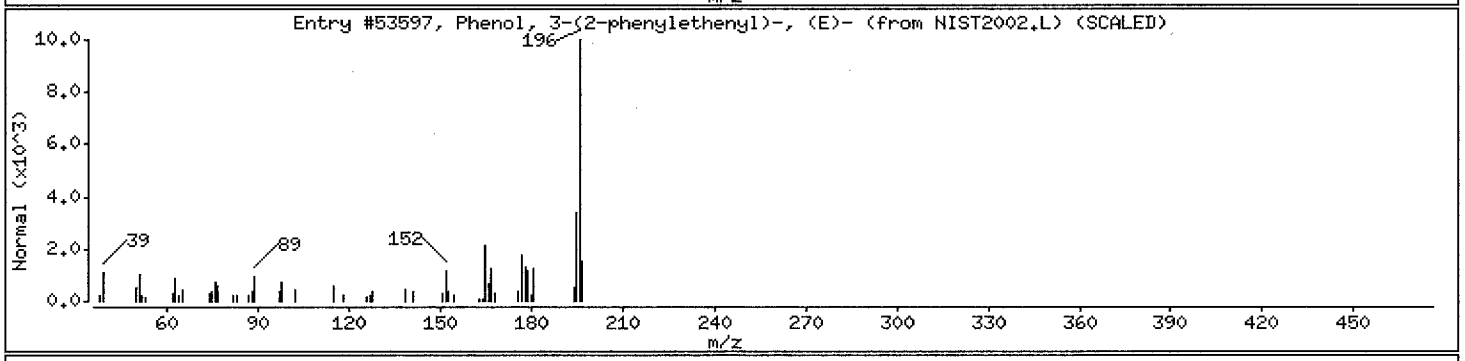
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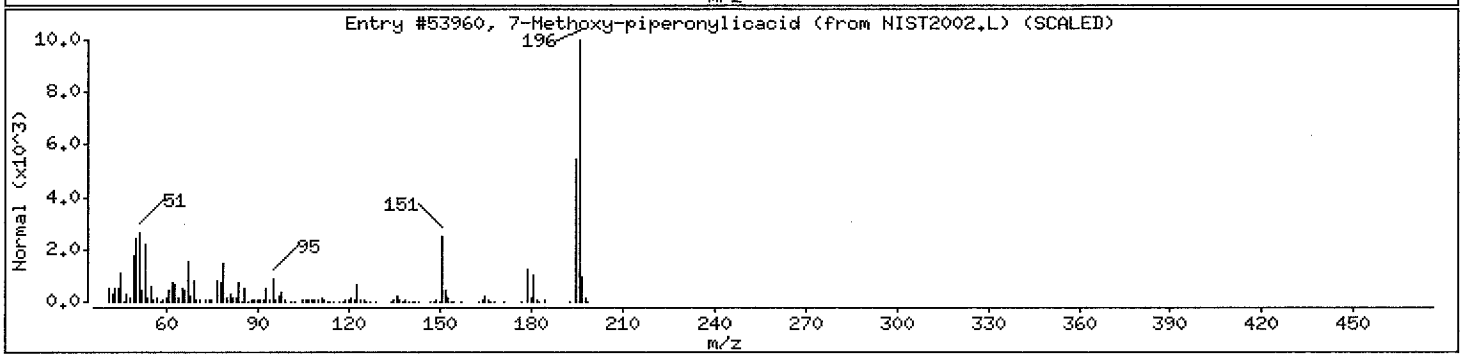
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Naphtho[2,1-b]furan, 1,2-dimethyl-	129812-23-3	NIST2002.L	53596	50	C14H12O	196
Phenol, 3-(2-phenylethenyl)-, (E)-	17861-18-6	NIST2002.L	53597	49	C14H12O	196
7-Methoxy-piperonylicacid	526-34-1	NIST2002.L	53960	43	C9H8O5	196









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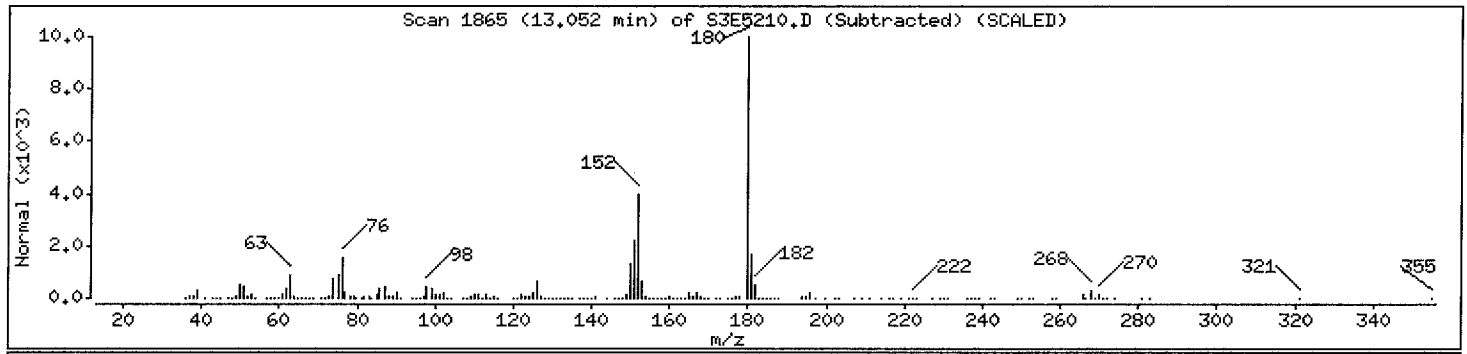
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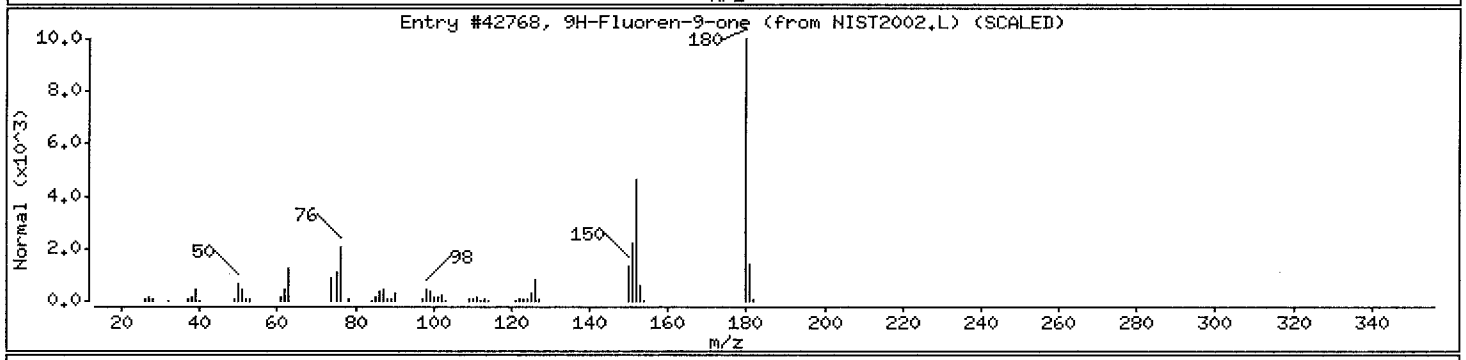
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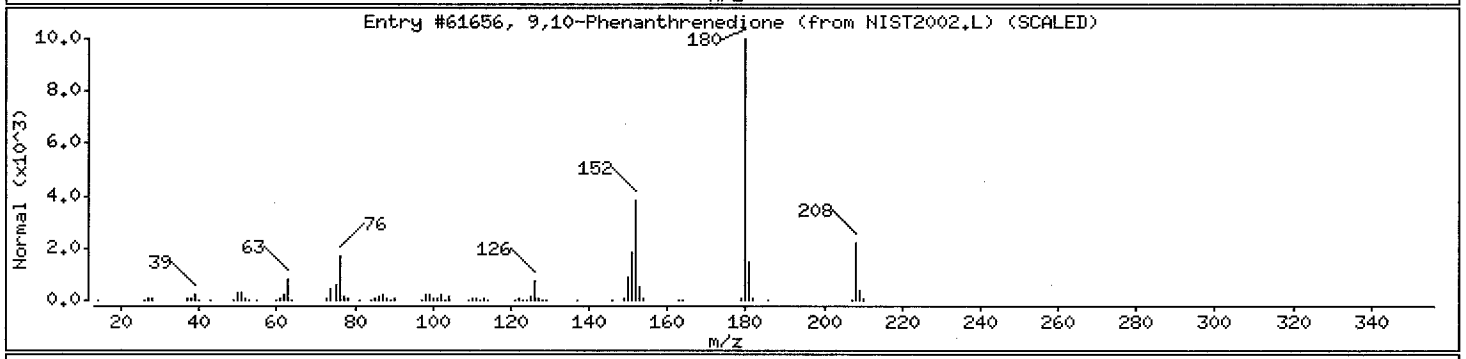
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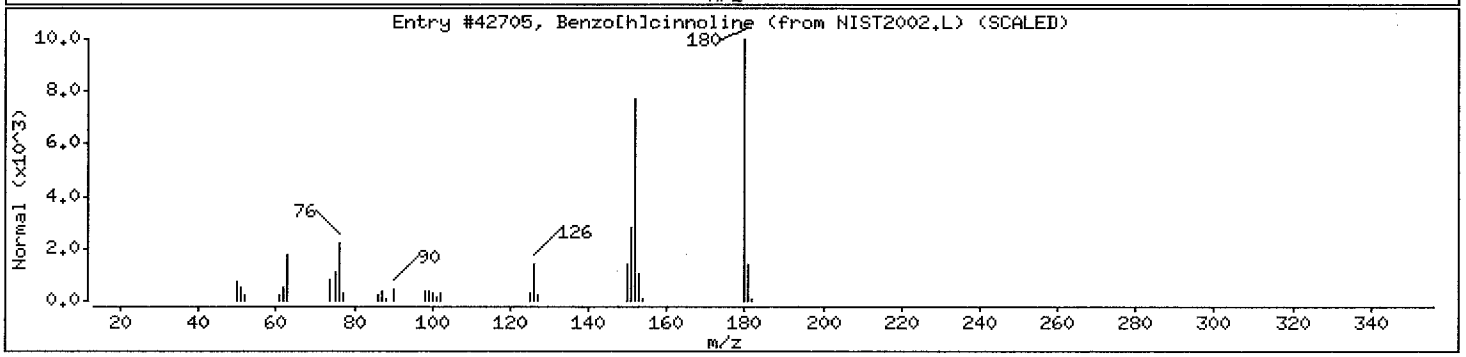
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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9,10-Phenanthrenedione	84-11-7	NIST2002.L	61656	86	C14H8O2	208
Benzo[h]cinnoline	230-31-9	NIST2002.L	42705	83	C12H8N2	180









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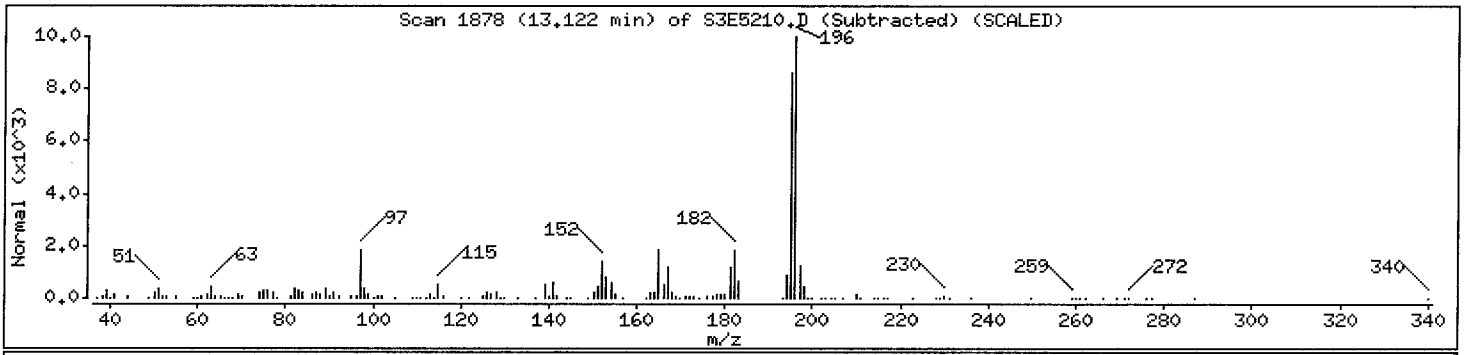
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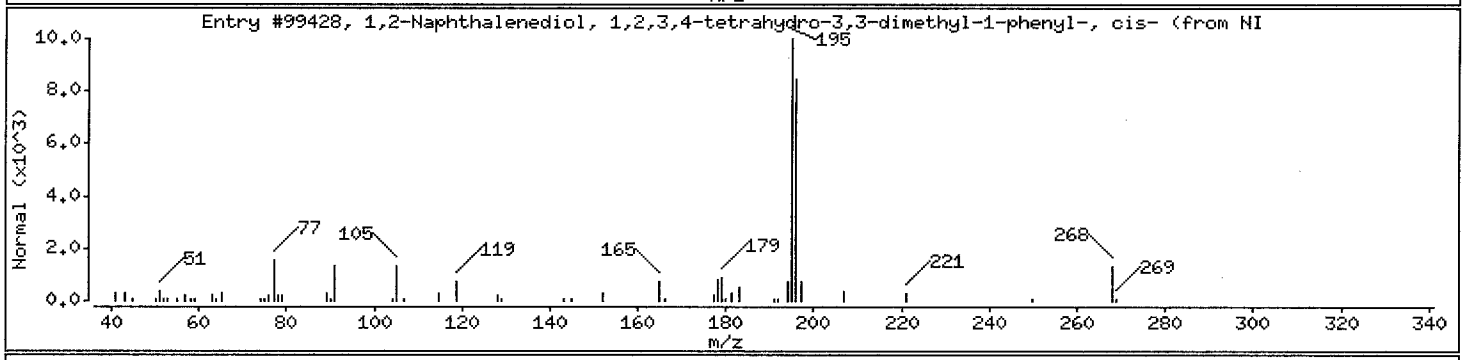
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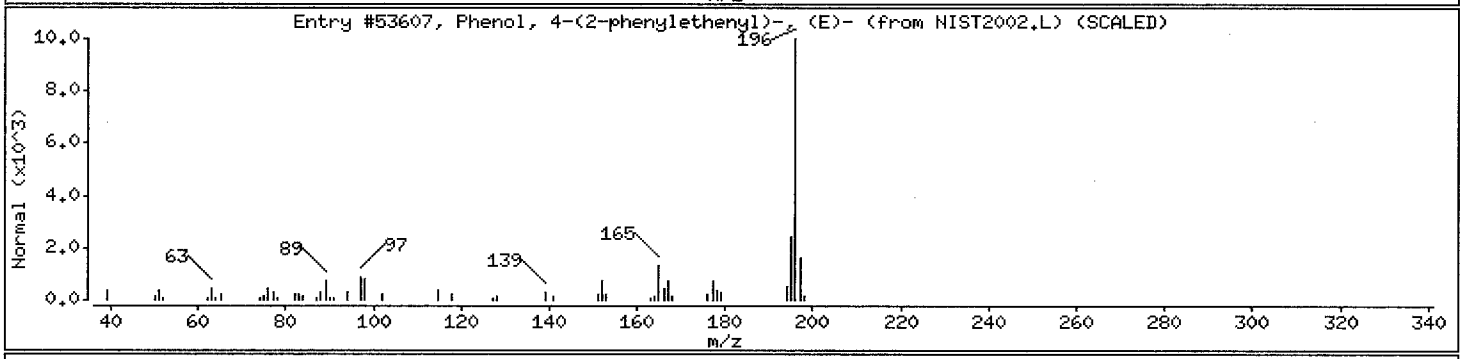
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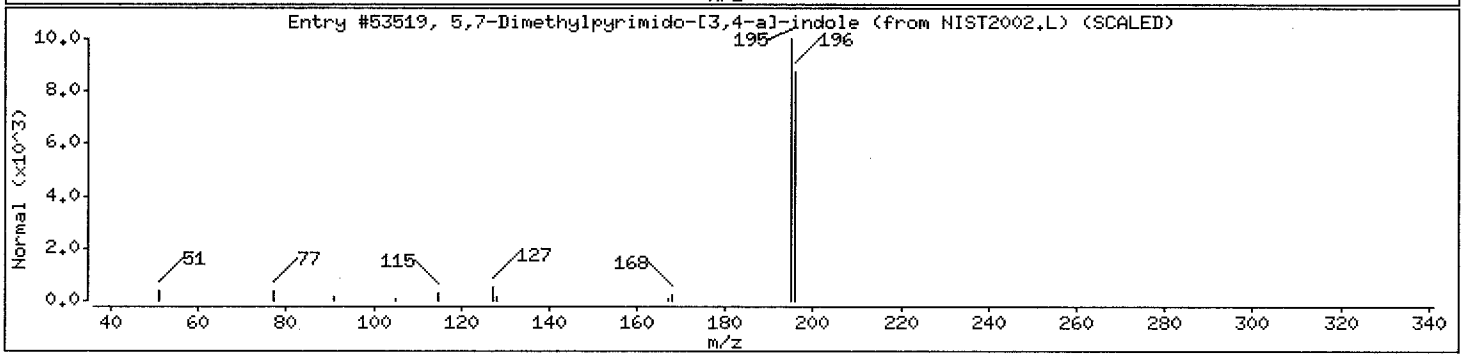
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1,2-Naphthalenediol, 1,2,3,4-tetrahydro-	56588-42-2	NIST2002.L	99428	64	C18H20O2	268
Phenol, 4-(2-phenylethenyl)-, (E)-	6554-98-9	NIST2002.L	53607	58	C14H12O	196
5,7-Dimethylpyrimido-[3,4-a]-indole	38349-21-2	NIST2002.L	53519	53	C13H12N2	196









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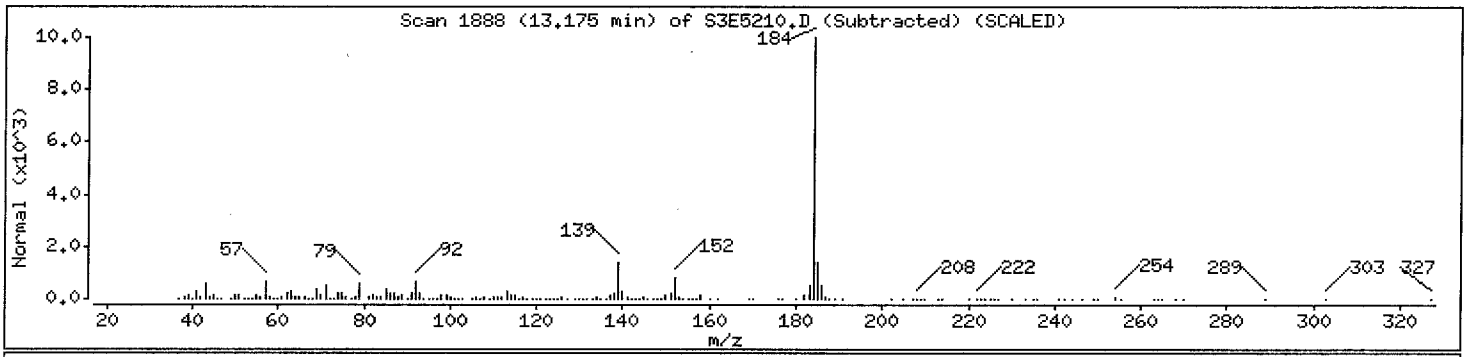
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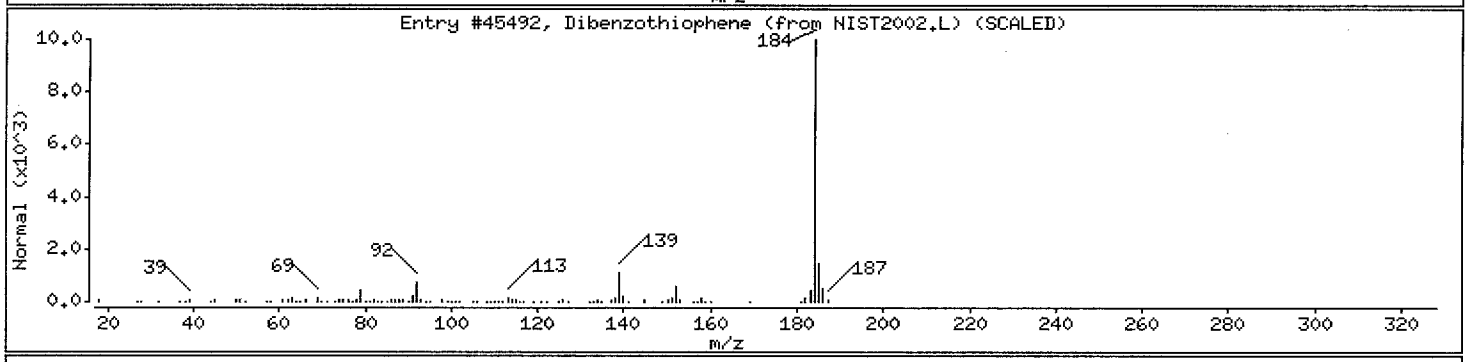
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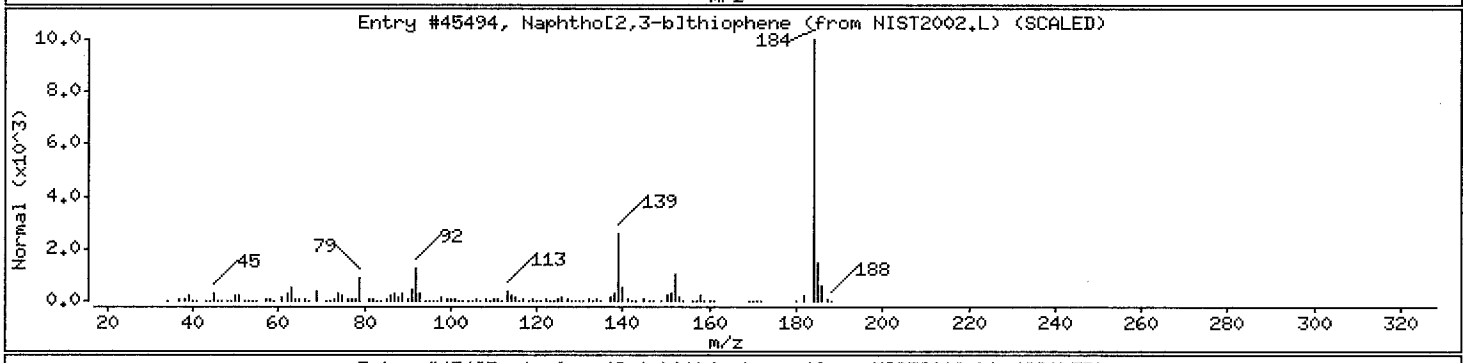
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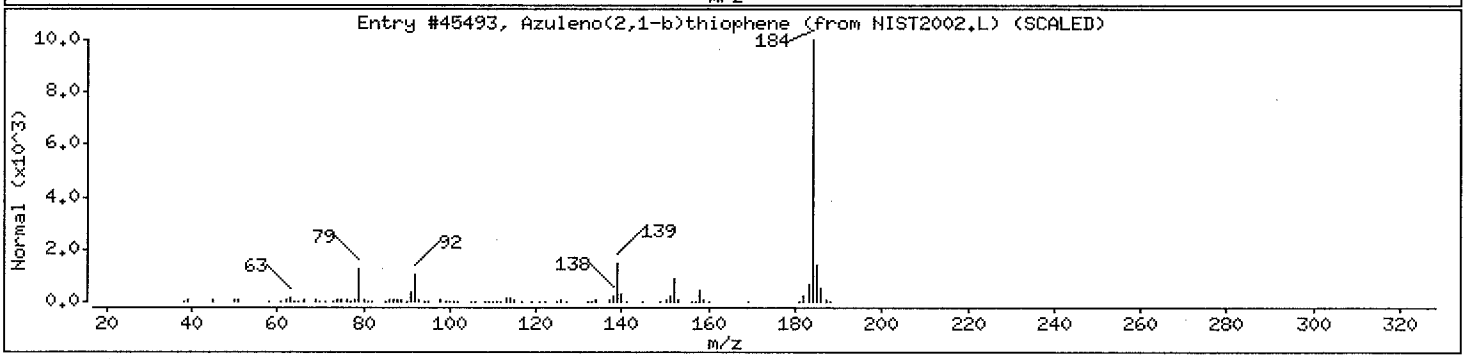
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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Naphtho[2,3-b]thiophene	268-77-9	NIST2002.L	45494	93	C12H8S	184
Azuleno(2,1-b)thiophene	248-13-5	NIST2002.L	45493	91	C12H8S	184









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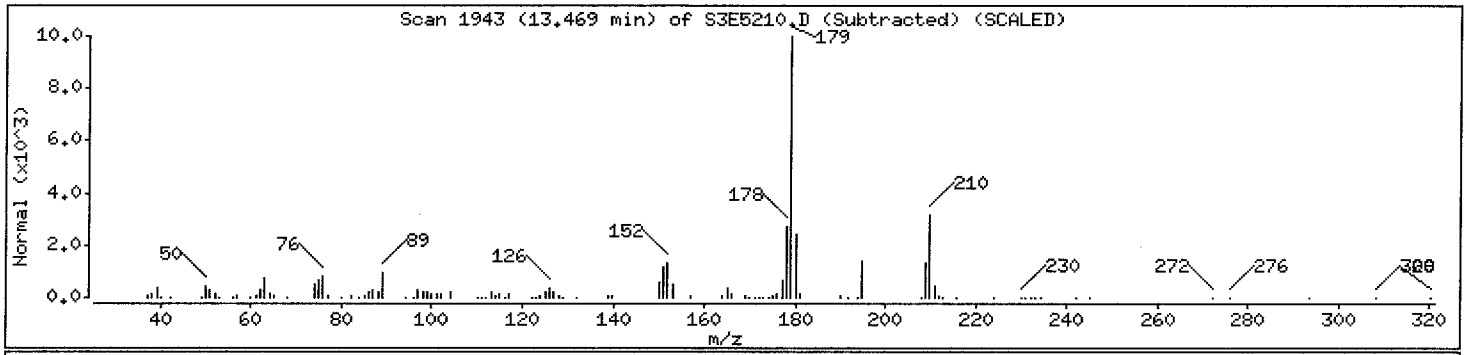
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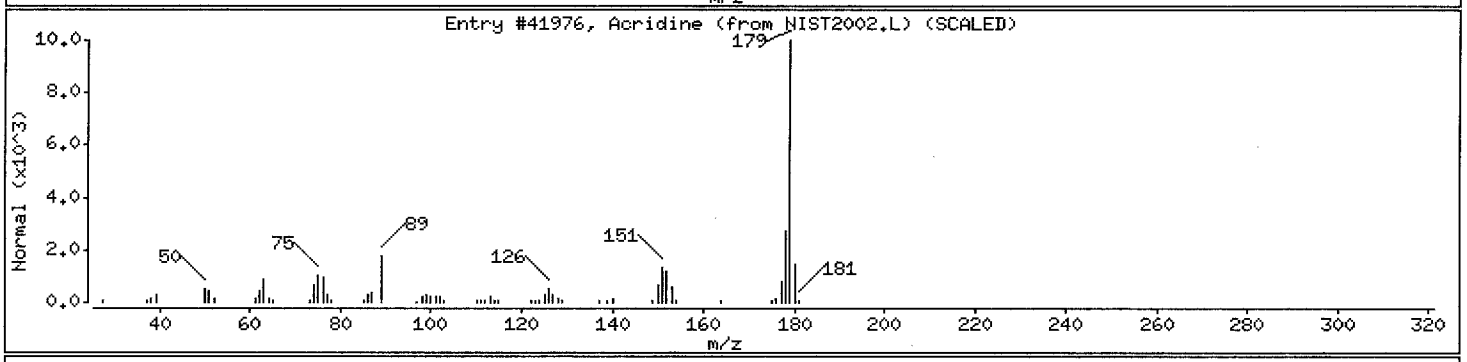
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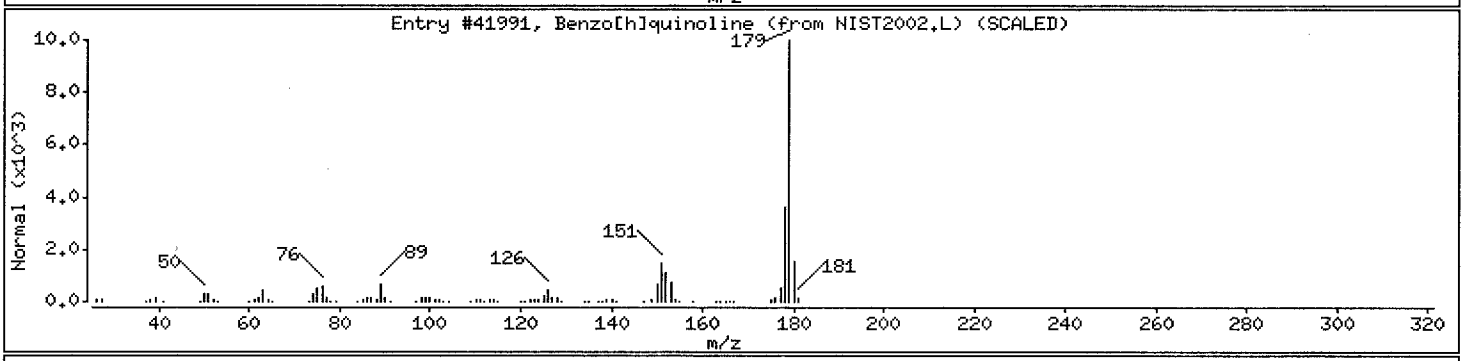
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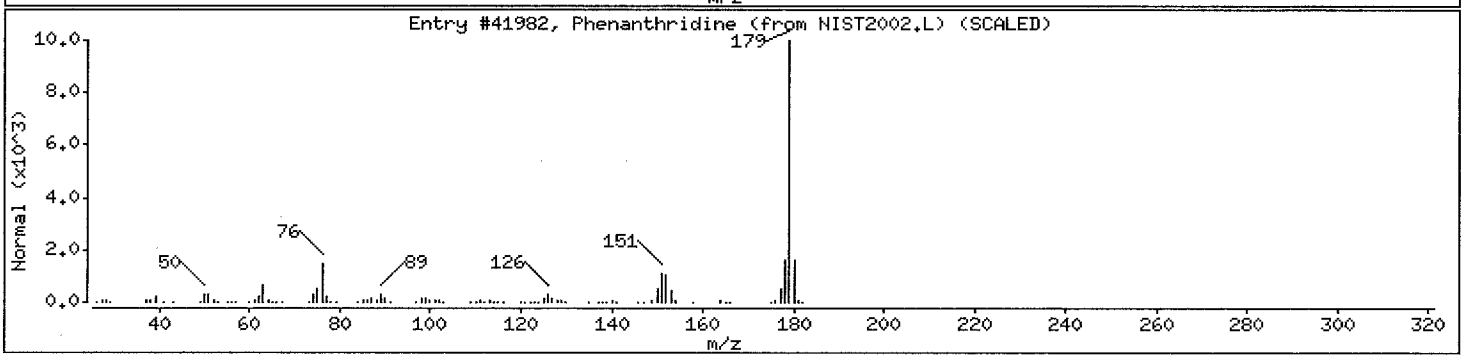
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Acridine	260-94-6	NIST2002.L	41976	94	C13H9N	179
Benzo[h]quinoline	230-27-3	NIST2002.L	41991	92	C13H9N	179
Phenanthridine	229-87-8	NIST2002.L	41982	83	C13H9N	179









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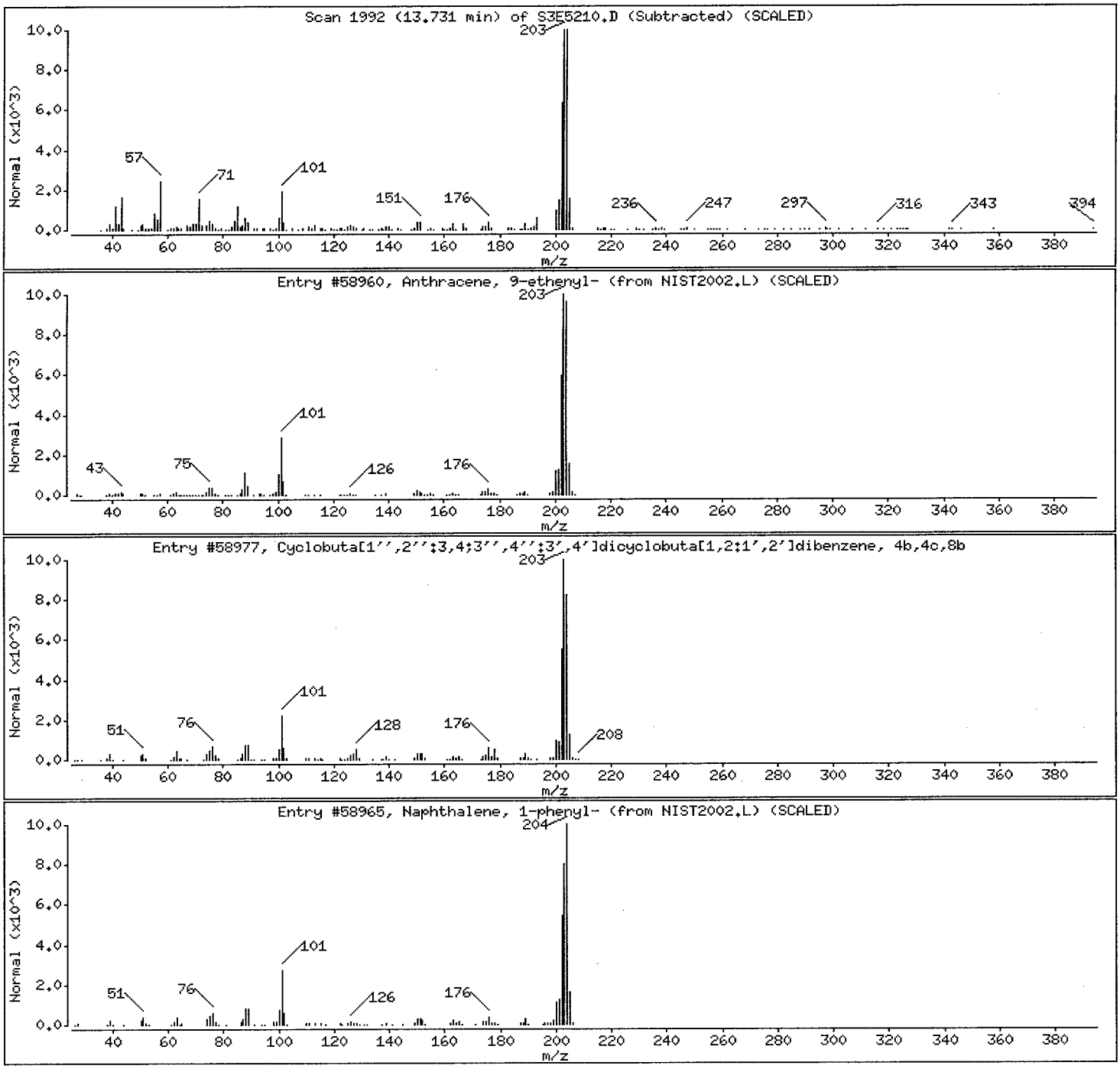
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Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Anthracene, 9-ethenyl-	2444-68-0	NIST2002.L	58960	89	C16H12	204
Cyclobuta[1'',2'':3,4:3'',4'':3',4']dicy	6574-36-3	NIST2002.L	58977	76	C16H12	204
Naphthalene, 1-phenyl-	605-02-7	NIST2002.L	58965	76	C16H12	204



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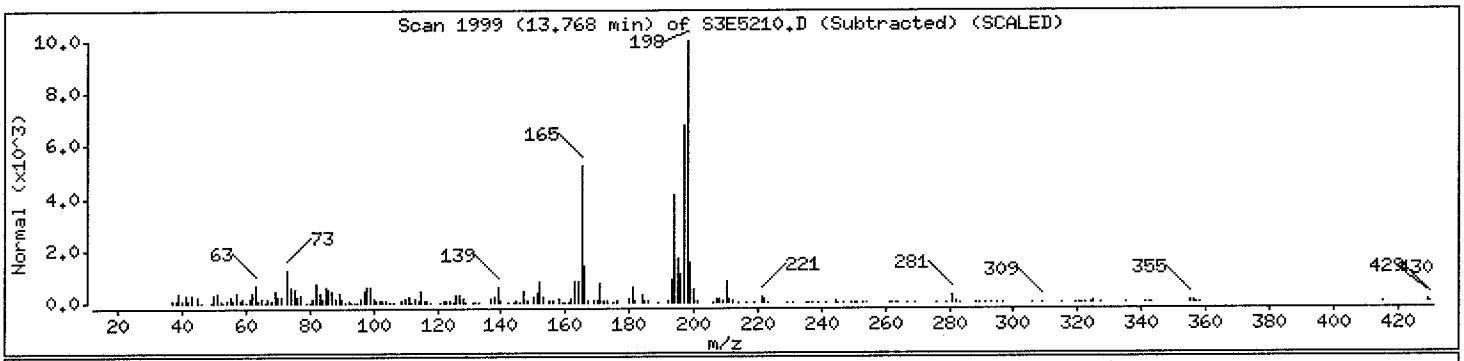
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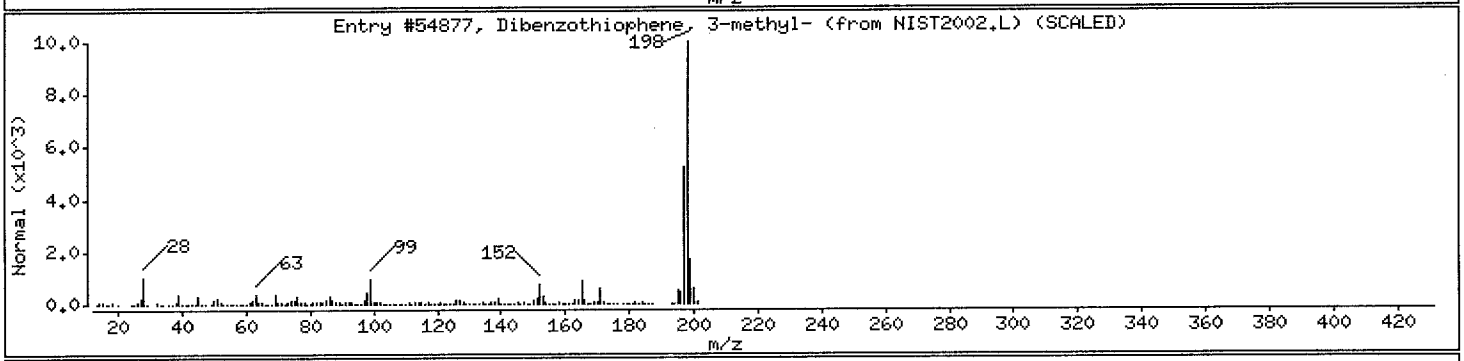
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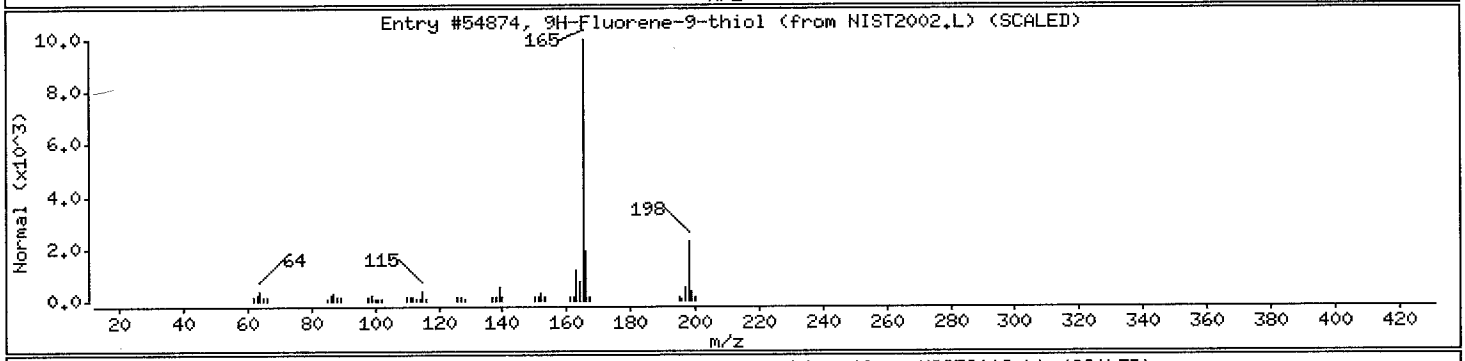
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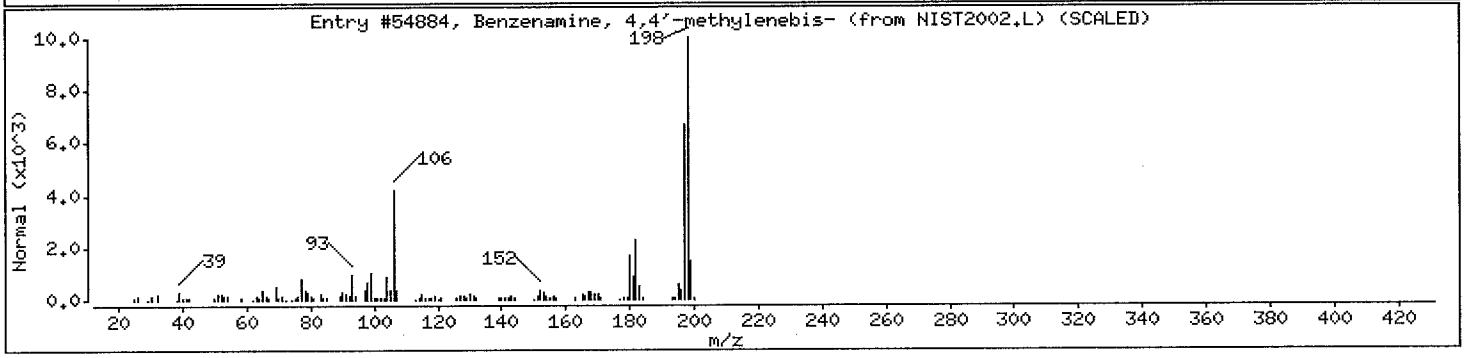
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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Dibenzothiophene, 3-methyl-	16587-52-3	NIST2002.L	54877	49	C13H10S	198
9H-Fluorene-9-thiol	19552-08-0	NIST2002.L	54874	47	C13H10S	198
Benzenamine, 4,4'-methylenebis-	101-77-9	NIST2002.L	54884	46	C13H14N2	198









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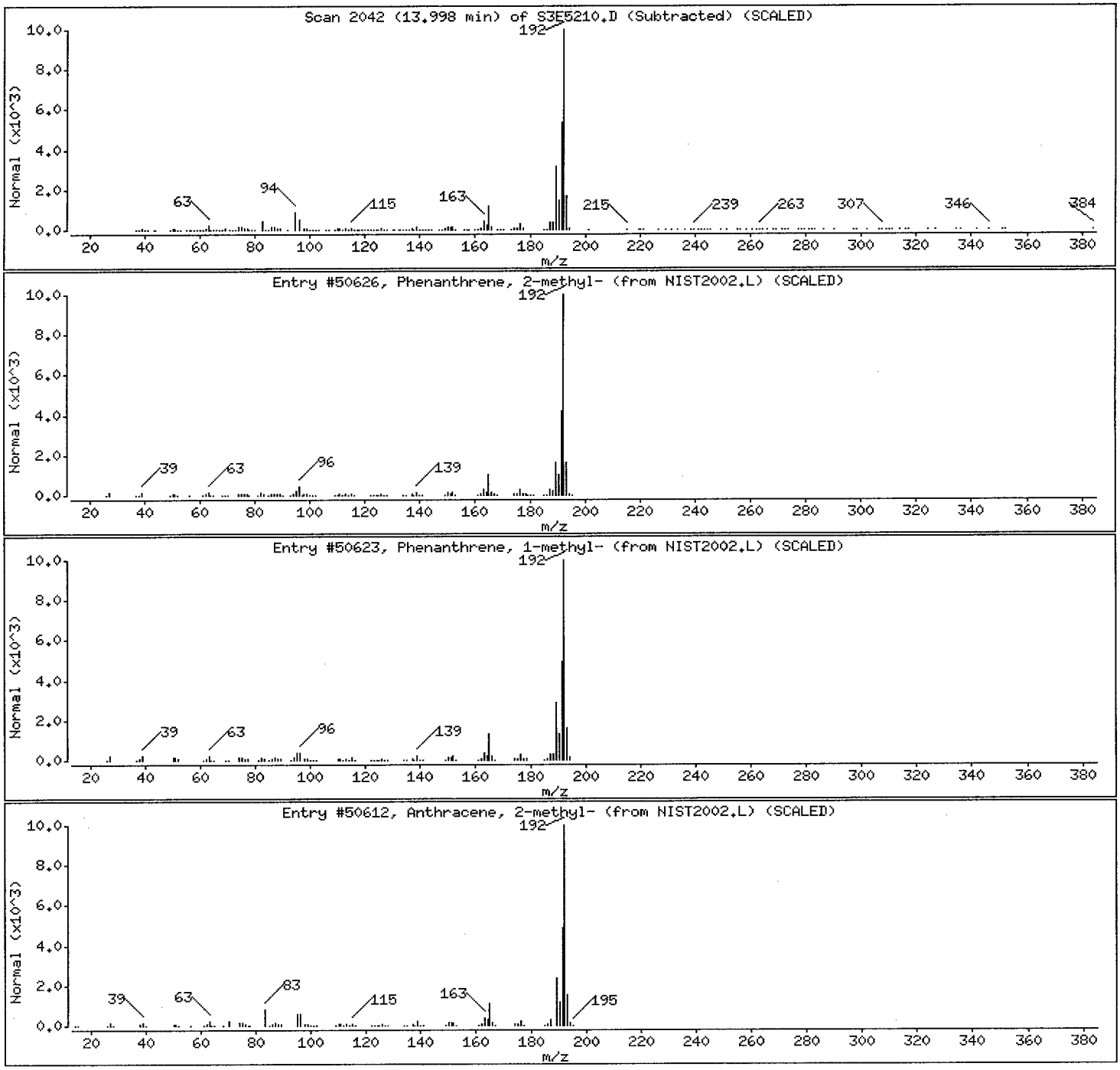
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Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50626	97	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST2002.L	50623	96	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST2002.L	50612	96	C15H12	192



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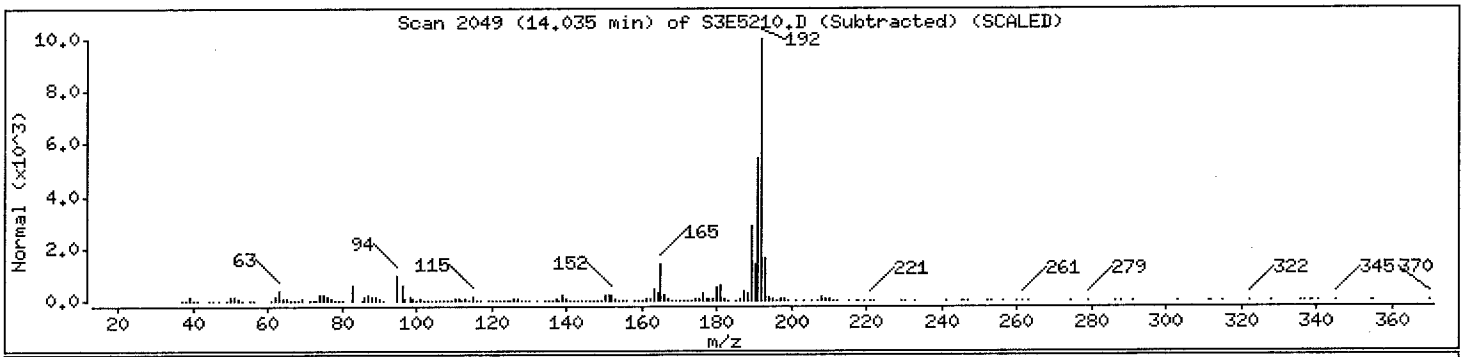
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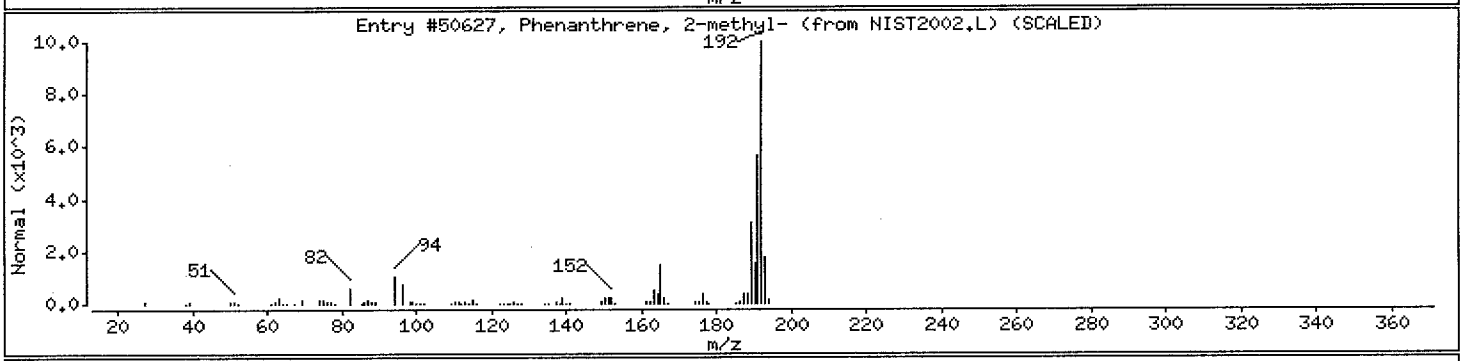
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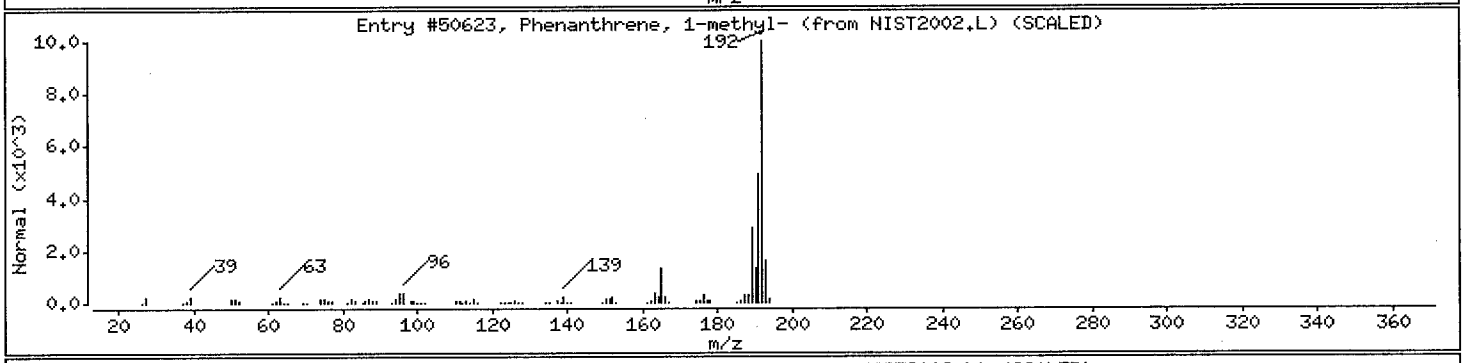
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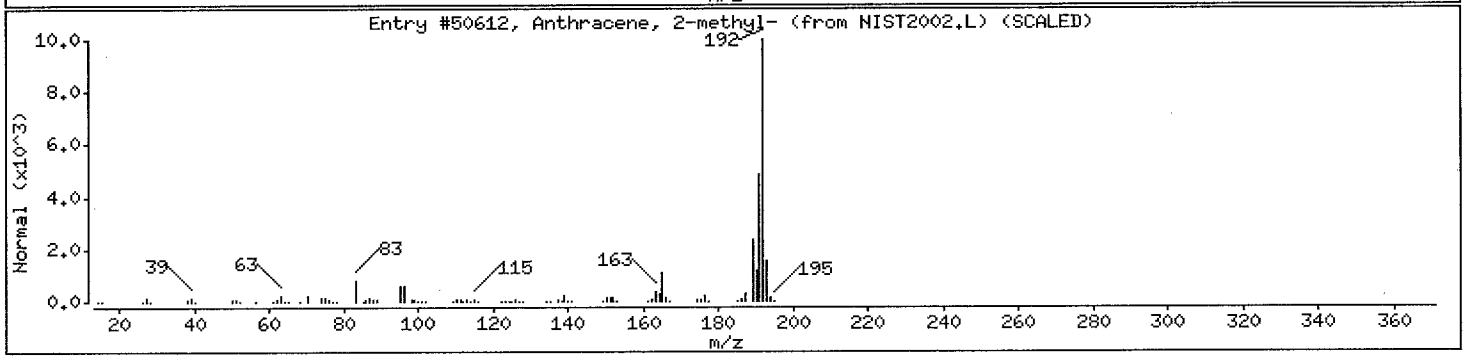
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50627	98	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST2002.L	50623	98	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST2002.L	50612	96	C15H12	192









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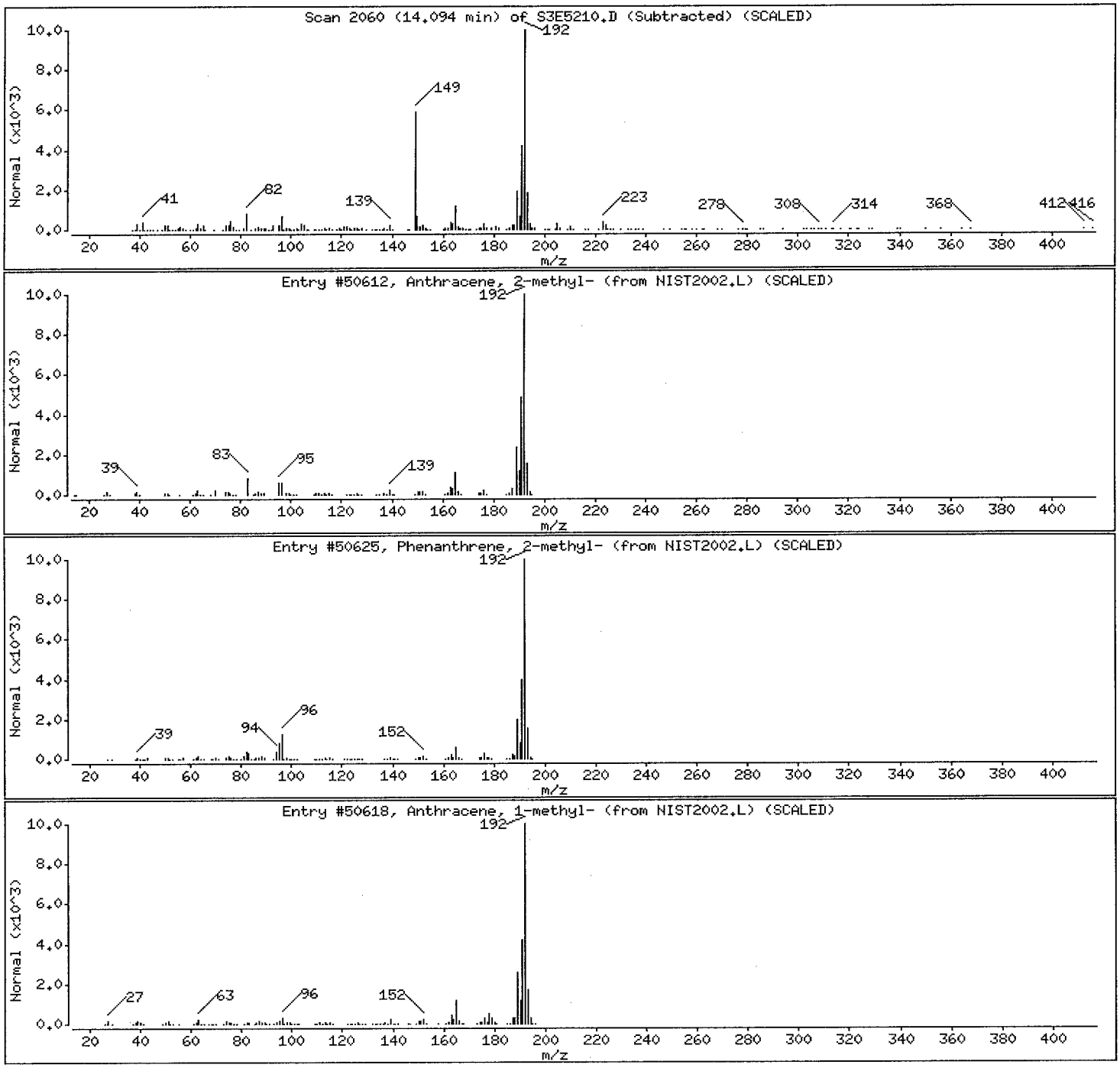
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Anthracene, 2-methyl-	613-12-7	NIST2002.L	50612	92	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50625	92	C15H12	192
Anthracene, 1-methyl-	610-48-0	NIST2002.L	50618	86	C15H12	192



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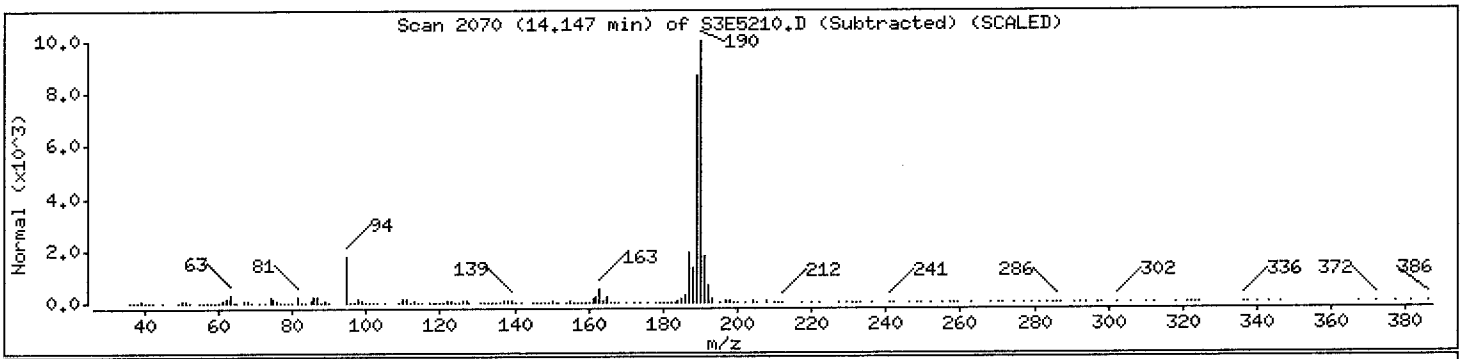
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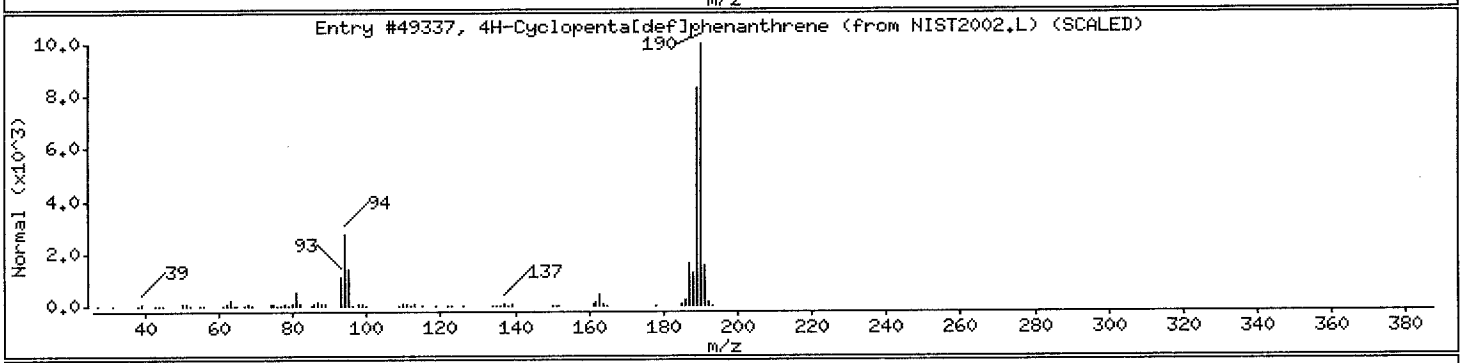
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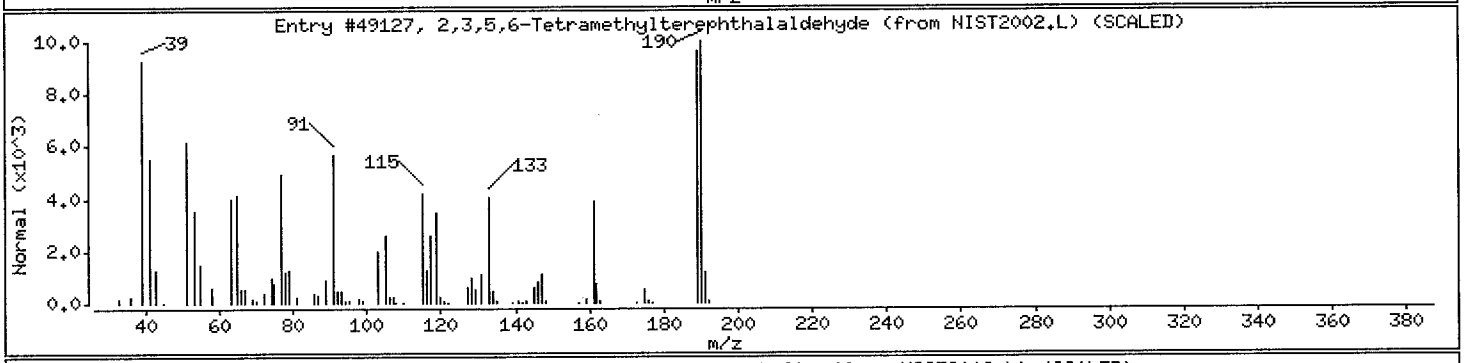
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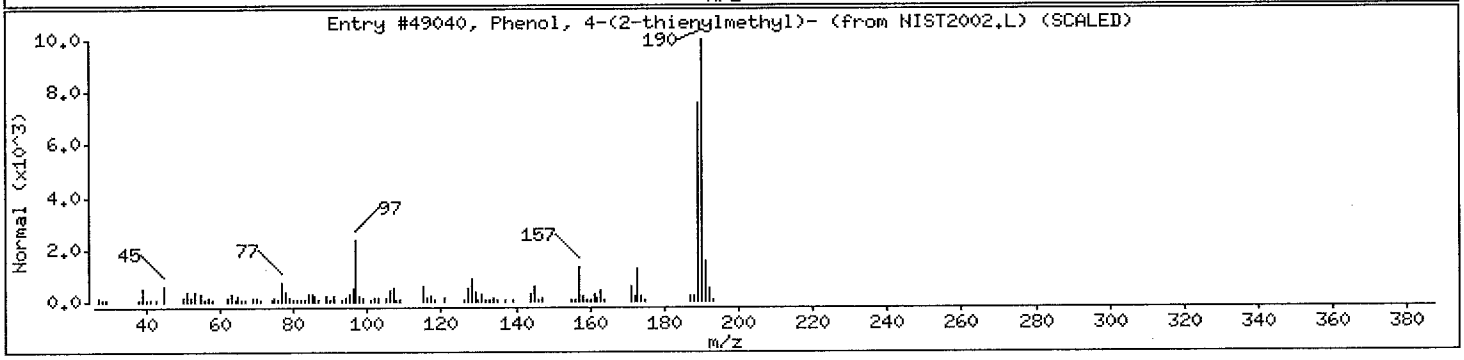
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4H-Cyclopenta[def]phenanthrene	203-64-5	NIST2002.L	49337	93	C15H10	190
2,3,5,6-Tetramethylterephthalaldehyde	7072-01-7	NIST2002.L	49127	64	C12H1402	190
Phenol, 4-(2-thienylmethyl)-	91680-55-6	NIST2002.L	49040	64	C11H10OS	190









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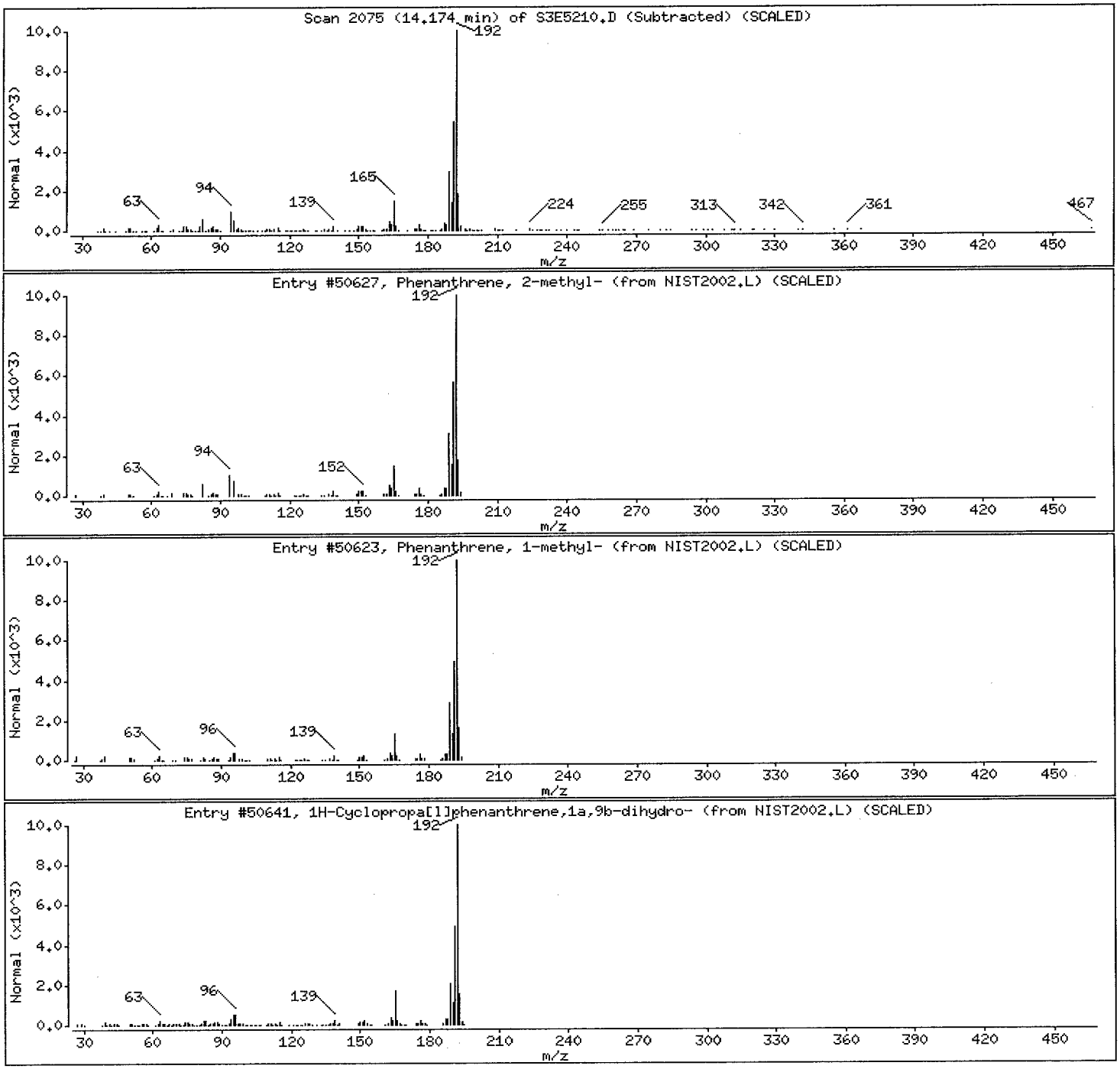
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Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50627	98	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST2002.L	50623	98	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST2002.L	50641	97	C15H12	192



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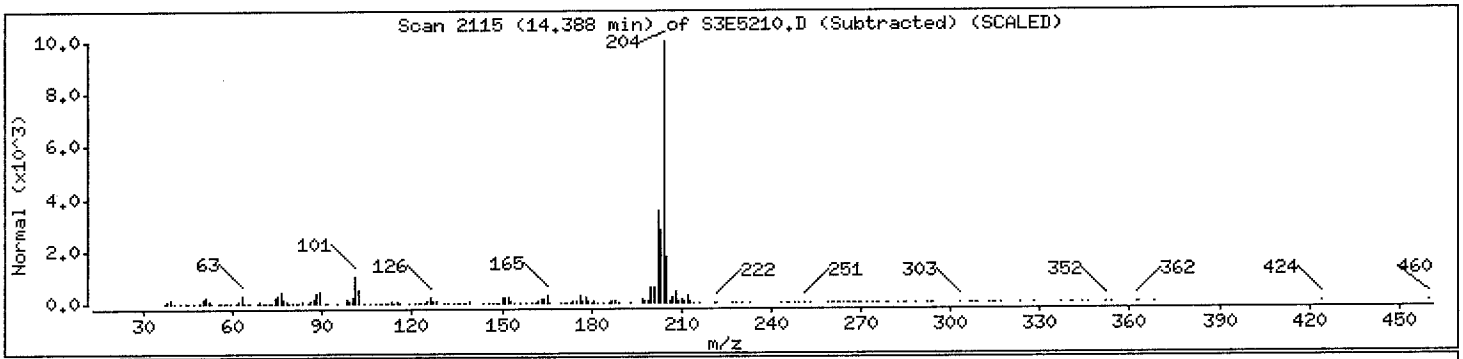
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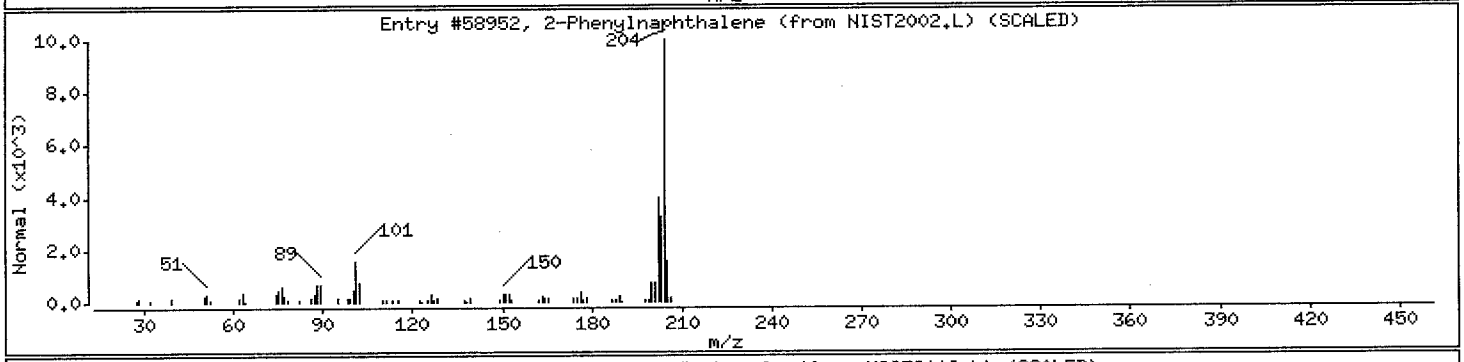
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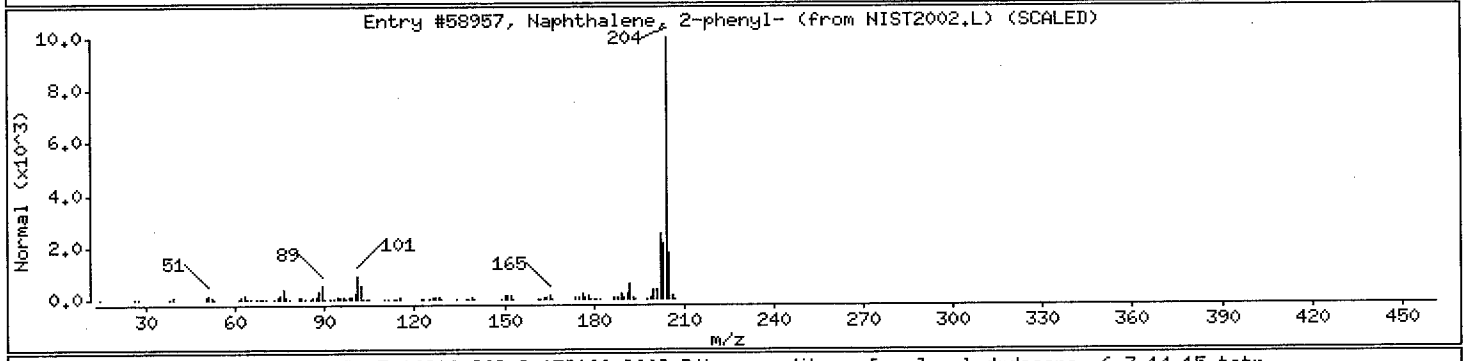
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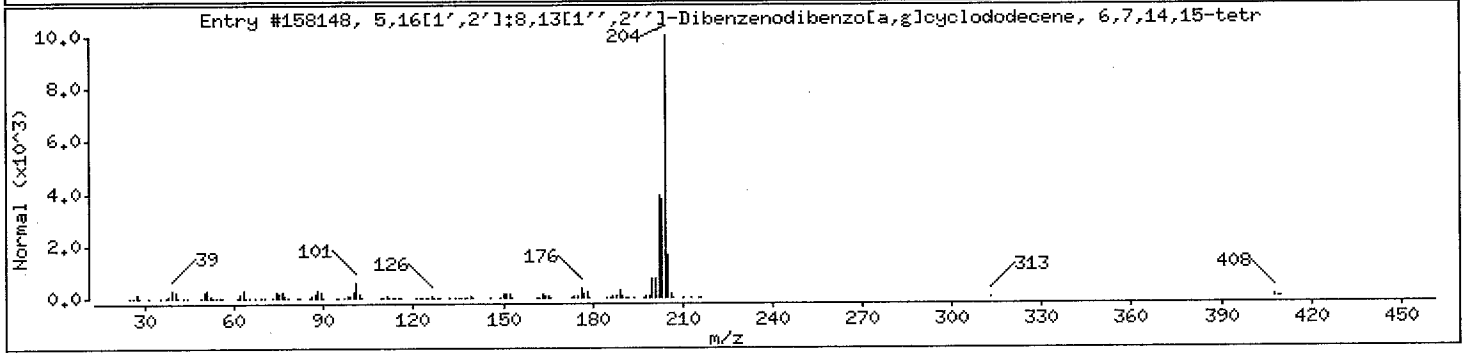
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
2-Phenylnaphthalene	35465-71-5	NIST2002.L	58952	90	C16H12	204
Naphthalene, 2-phenyl-	612-94-2	NIST2002.L	58957	90	C16H12	204
5,16[1',2']:8,13[1'',2'']-Dibenzenodiben	5672-97-9	NIST2002.L	158148	87	C32H24	408









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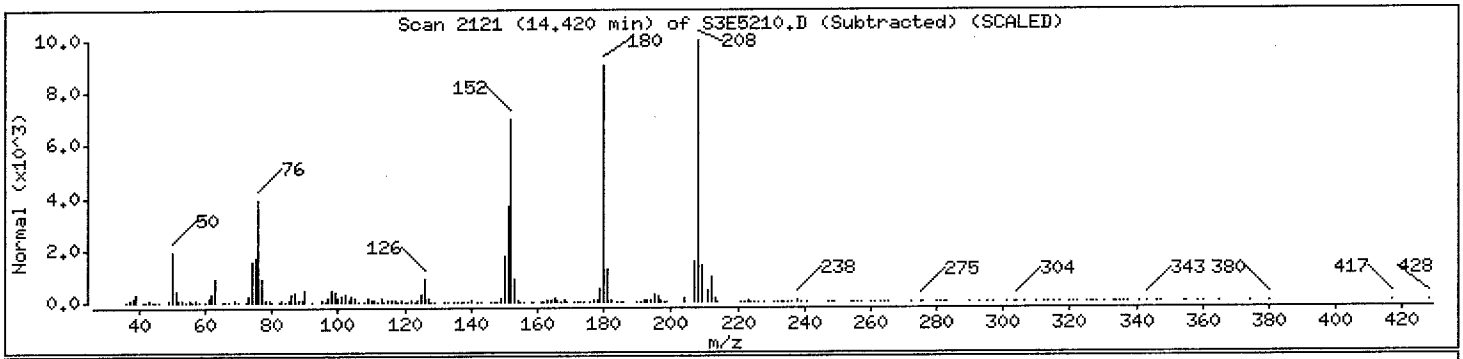
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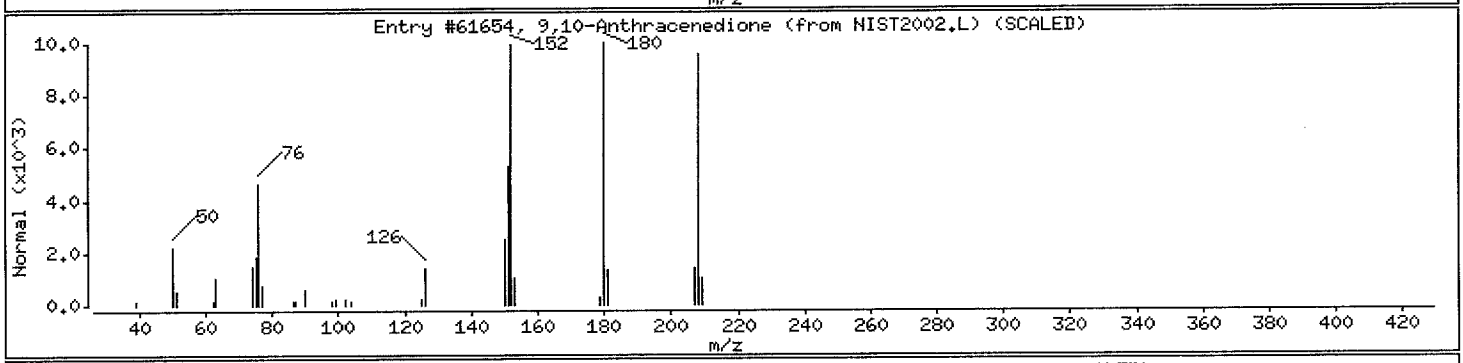
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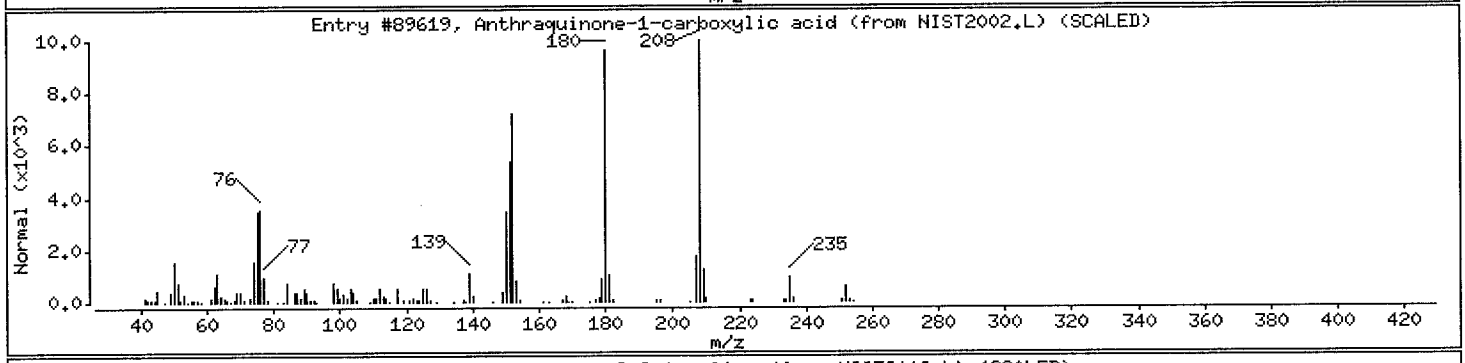
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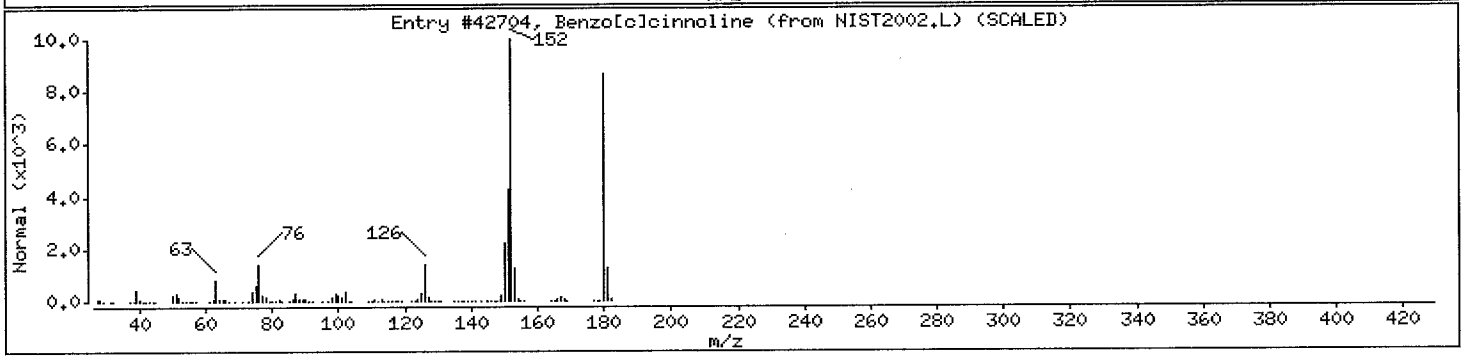
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST2002.L	61654	98	C14H8O2	208
Anthraquinone-1-carboxylic acid	602-69-7	NIST2002.L	89619	72	C15H8O4	252
Benzo[c]cinnoline	230-17-1	NIST2002.L	42704	64	C12H8N2	180









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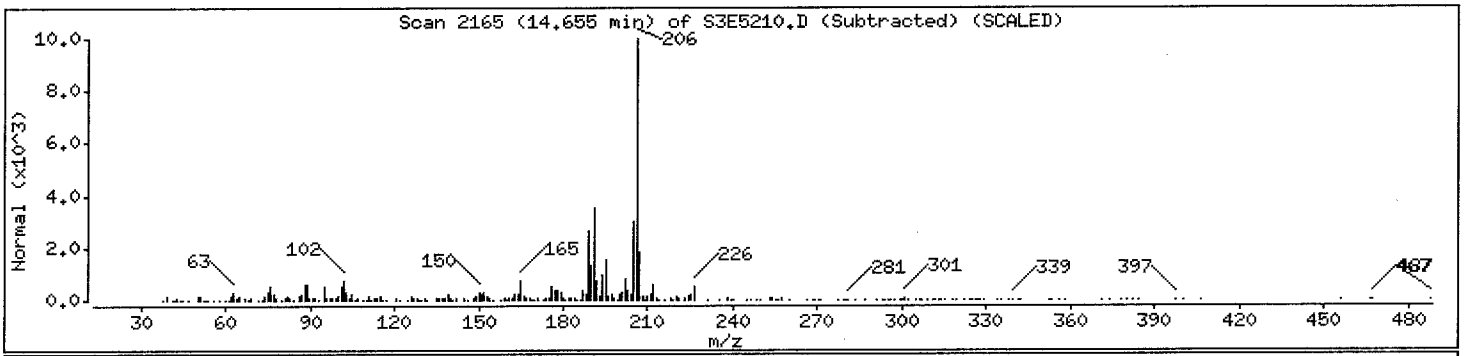
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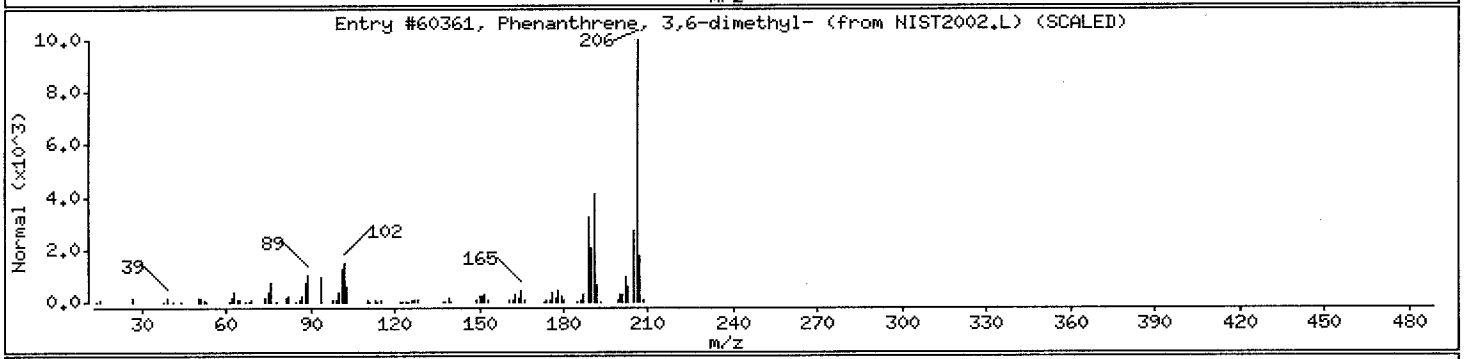
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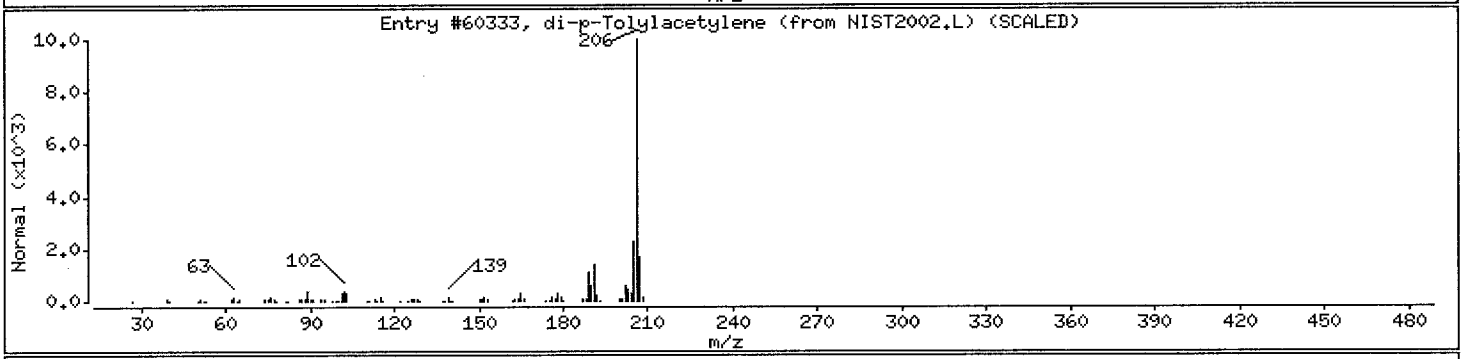
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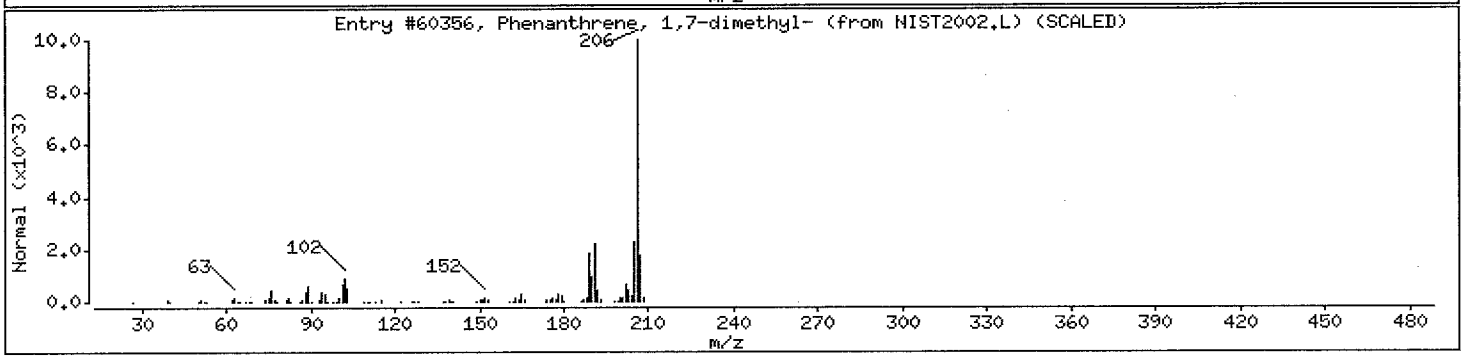
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 3,6-dimethyl-	1576-67-6	NIST2002.L	60361	91	C16H14	206
di-p-Tolylacetylene	2789-88-0	NIST2002.L	60333	91	C16H14	206
Phenanthrene, 1,7-dimethyl-	483-87-4	NIST2002.L	60356	87	C16H14	206









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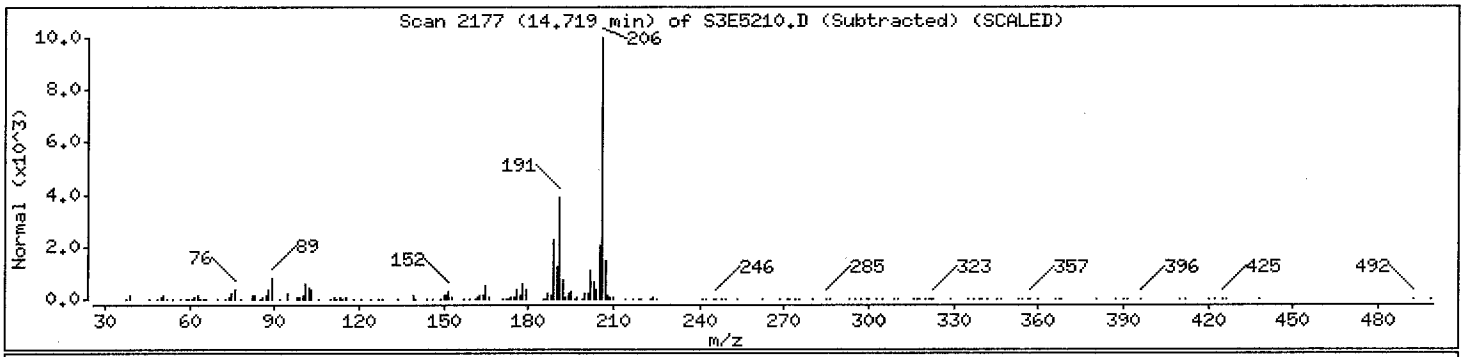
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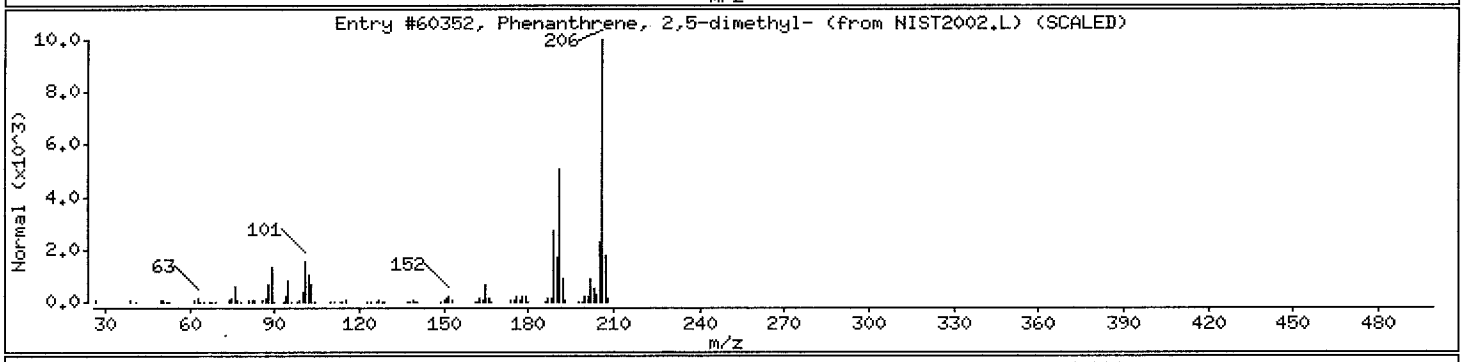
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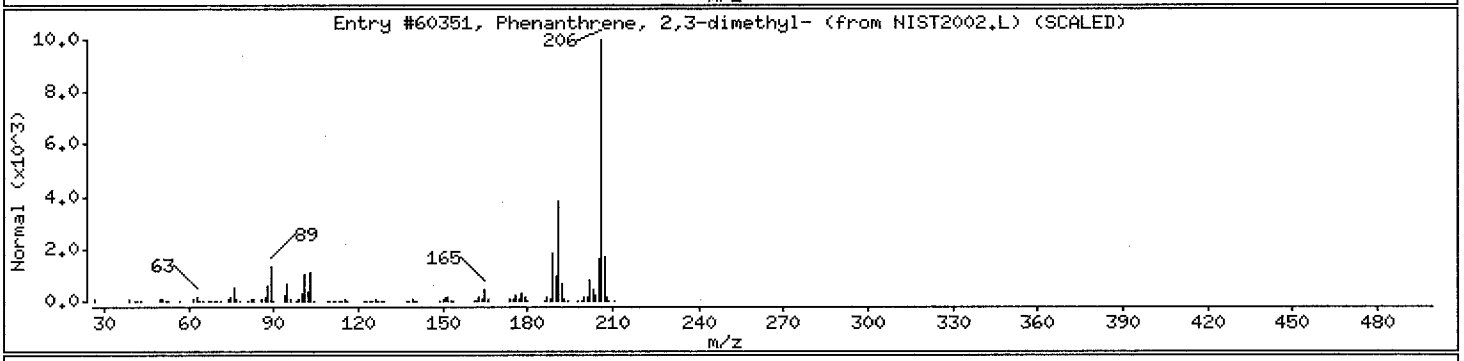
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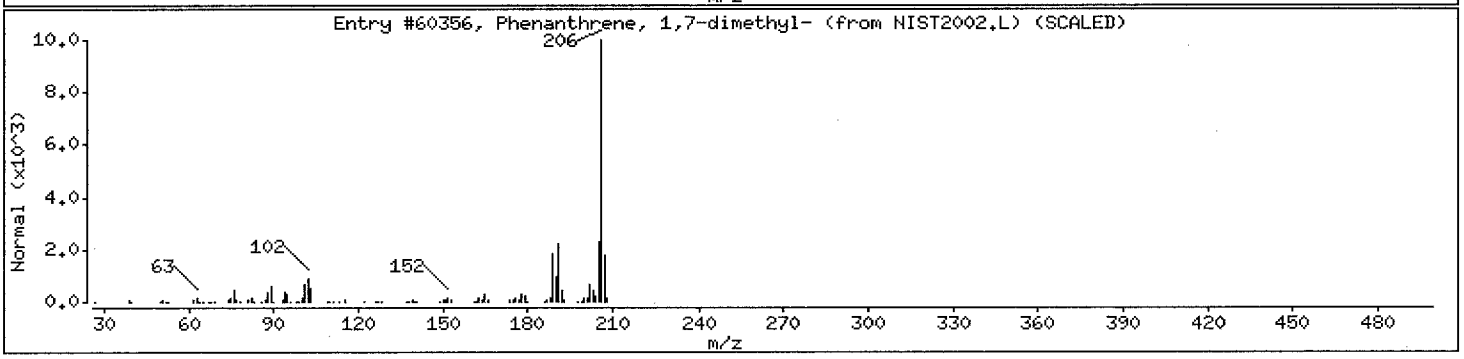
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST2002.L	60352	95	C16H14	206
Phenanthrene, 2,3-dimethyl-	3674-65-5	NIST2002.L	60351	94	C16H14	206
Phenanthrene, 1,7-dimethyl-	483-87-4	NIST2002.L	60356	93	C16H14	206









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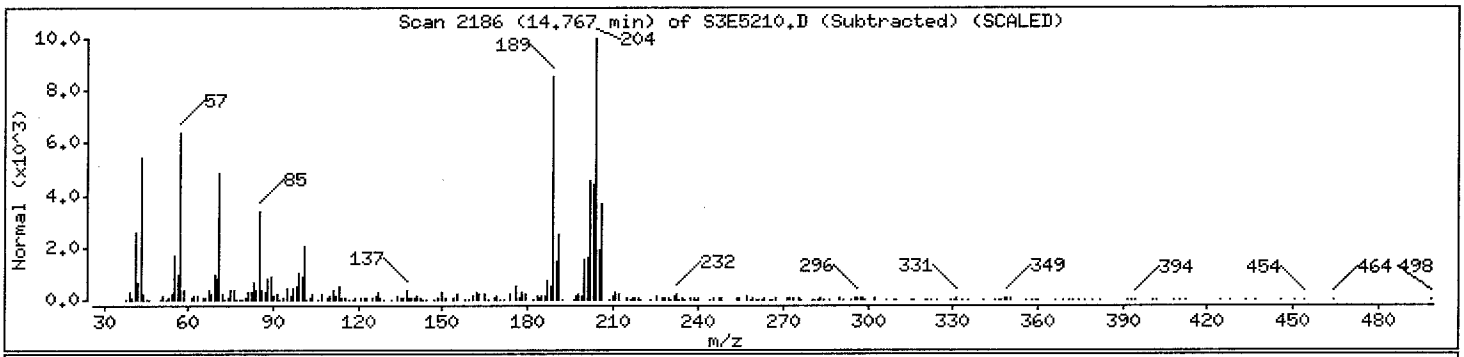
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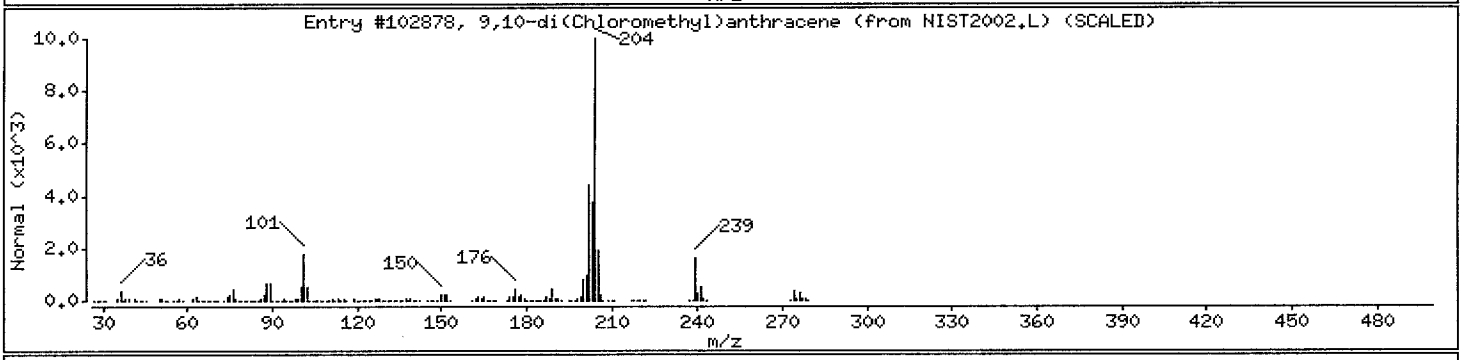
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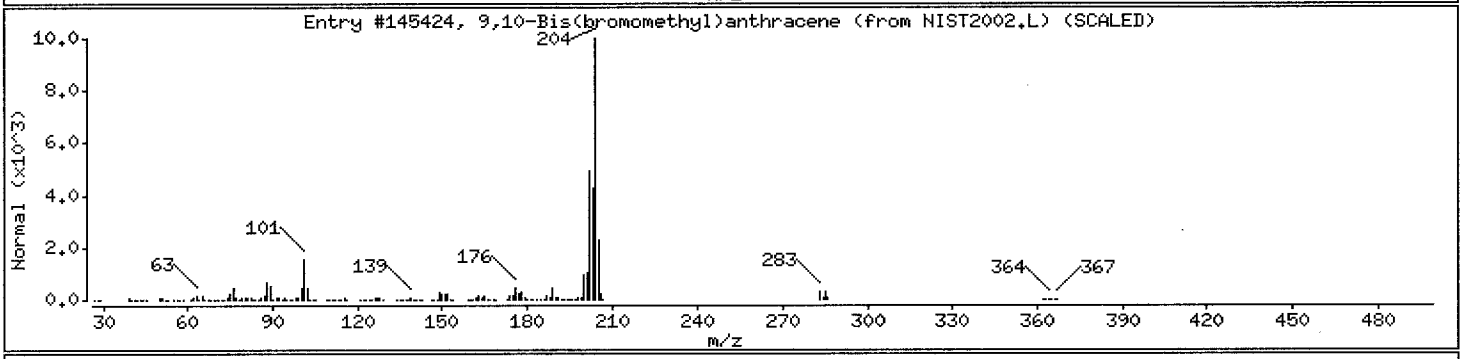
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

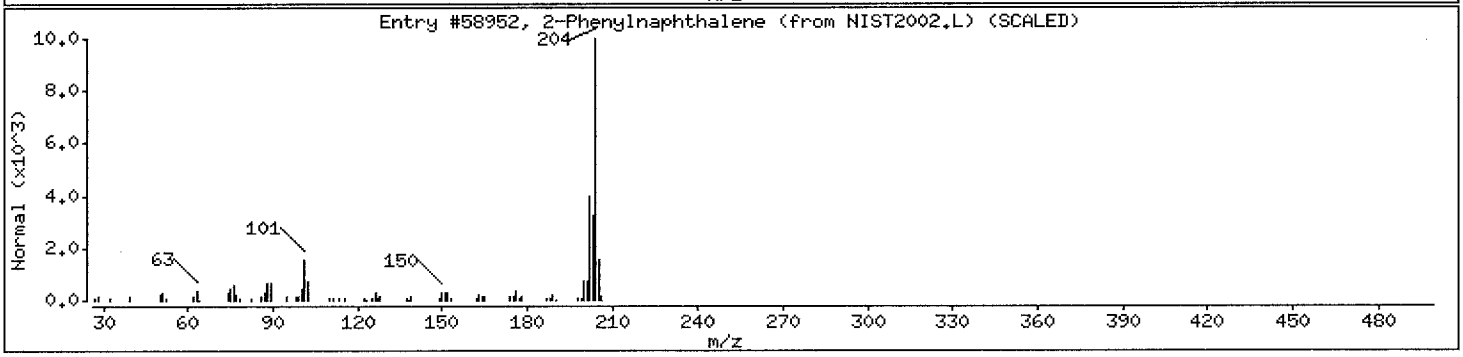
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
9,10-di(Chloromethyl)anthracene	10387-13-0	NIST2002.L	102878	46	C16H12Cl2	274
9,10-Bis(bromomethyl)anthracene	34373-96-1	NIST2002.L	145424	43	C16H12Br2	362
2-Phenylnaphthalene	35465-71-5	NIST2002.L	58952	42	C16H12	204









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

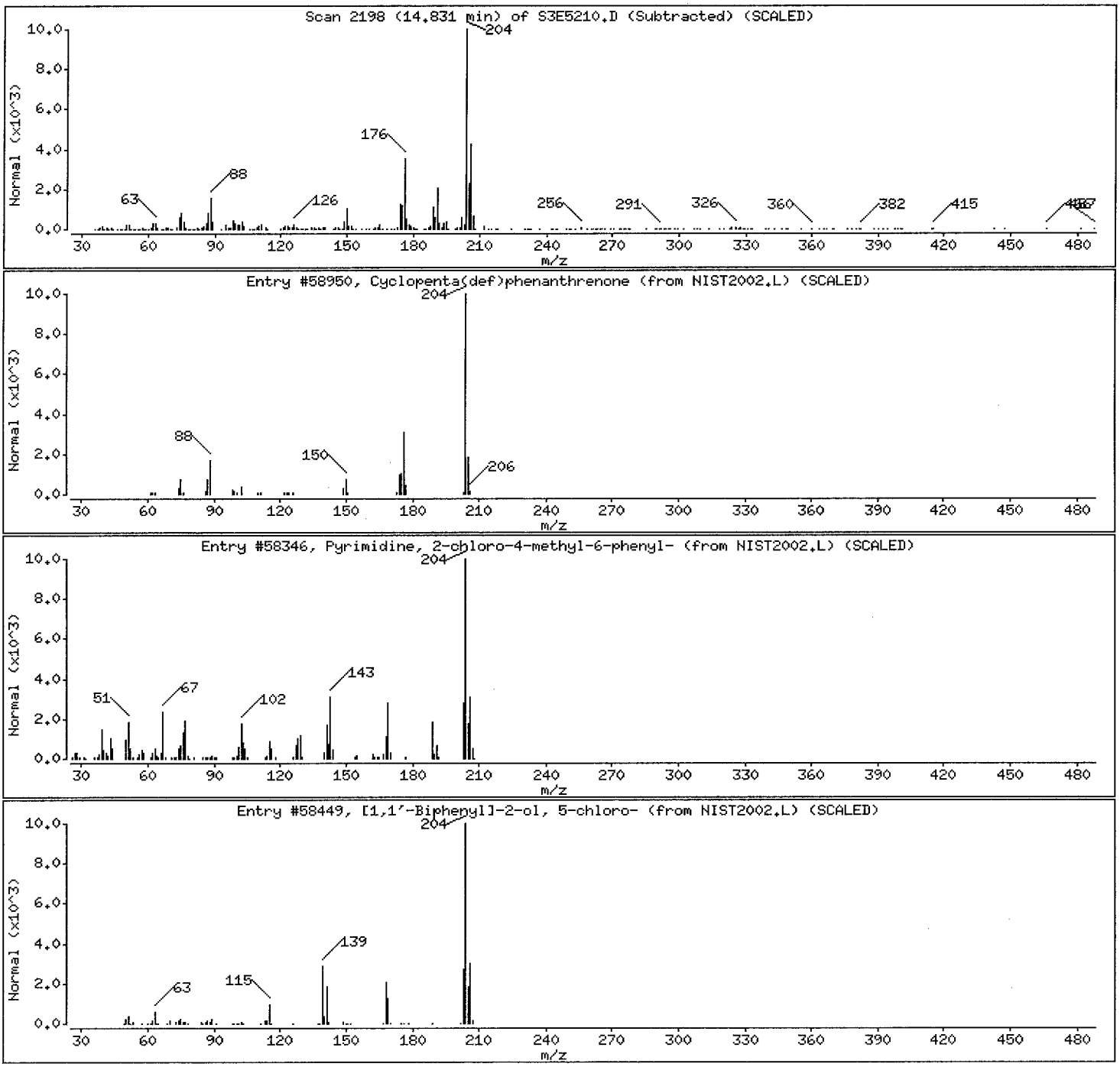
Client ID: MW-BR07 Instrument: S3.i

Sample Info: F0981-07A,,31309,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclopenta(def)phenanthrenone	5737-13-3	NIST2002.L	58950	96	C15H8O	204
Pyrimidine, 2-chloro-4-methyl-6-phenyl-	32785-40-3	NIST2002.L	58346	50	C11H9ClN2	204
[1,1'-Biphenyl]-2-ol, 5-chloro-	607-12-5	NIST2002.L	58449	49	C12H9ClO	204



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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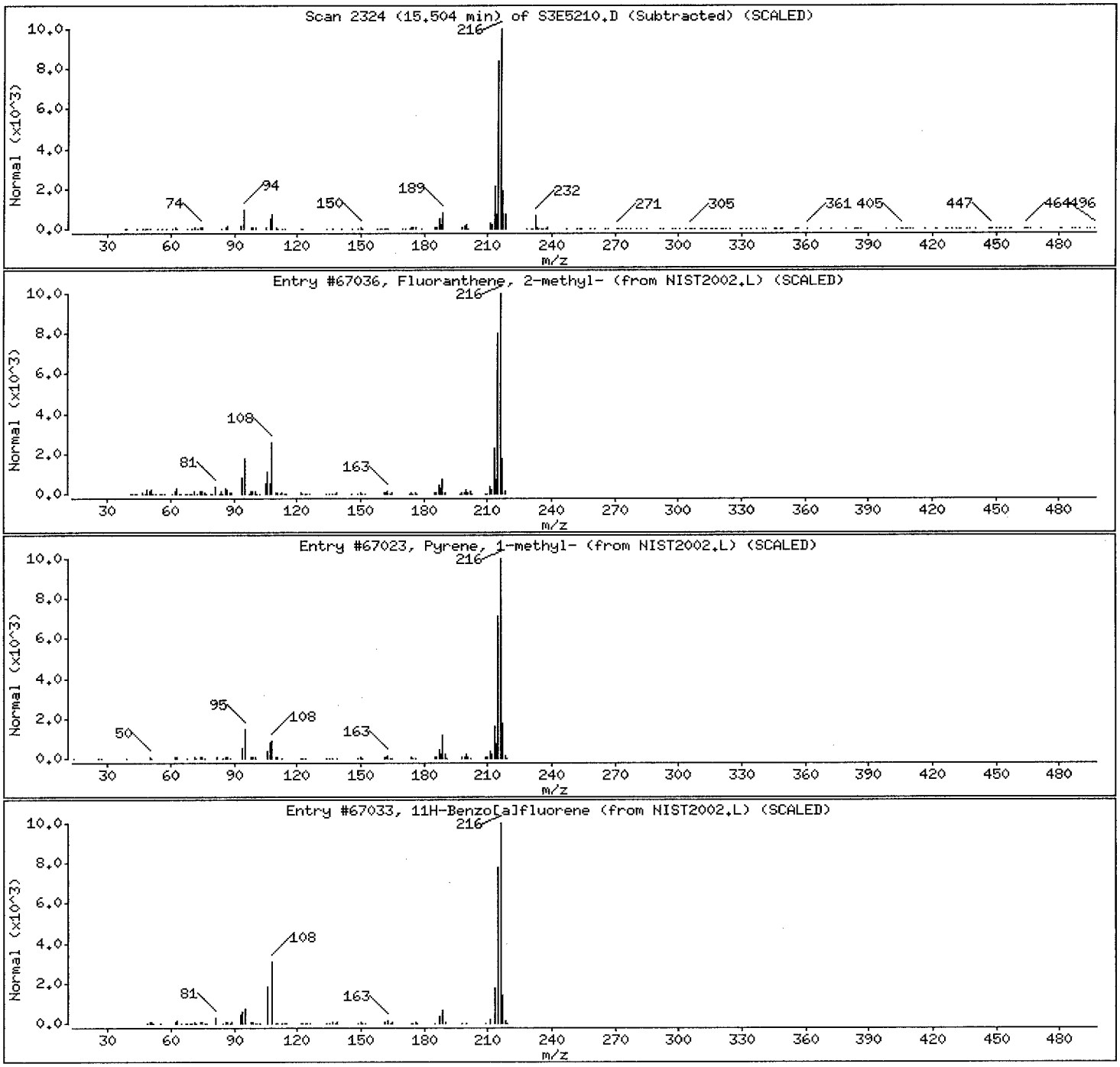
Client ID: MW-BR07 Instrument: S3.i

Sample Info: F0981-07A,,31309,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67036	91	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67023	91	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST2002.L	67033	90	C17H12	216



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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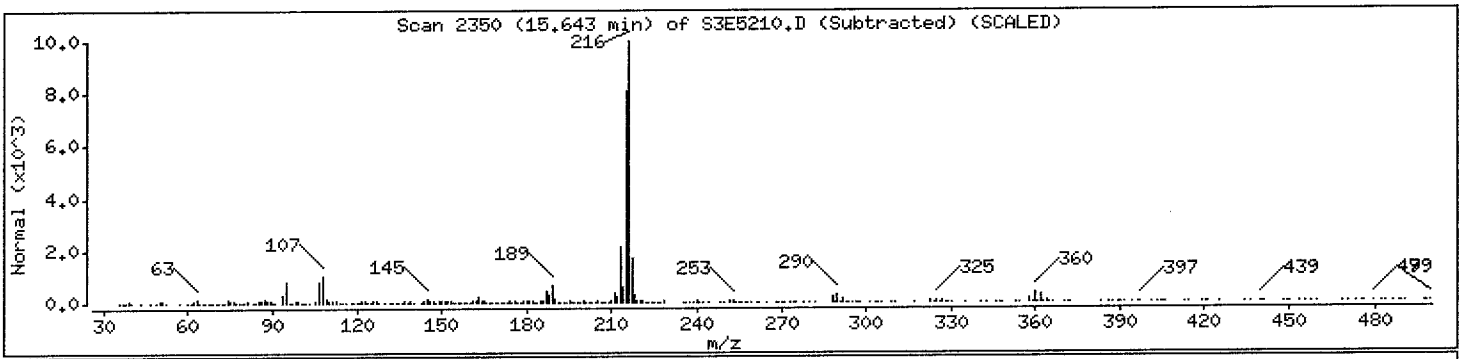
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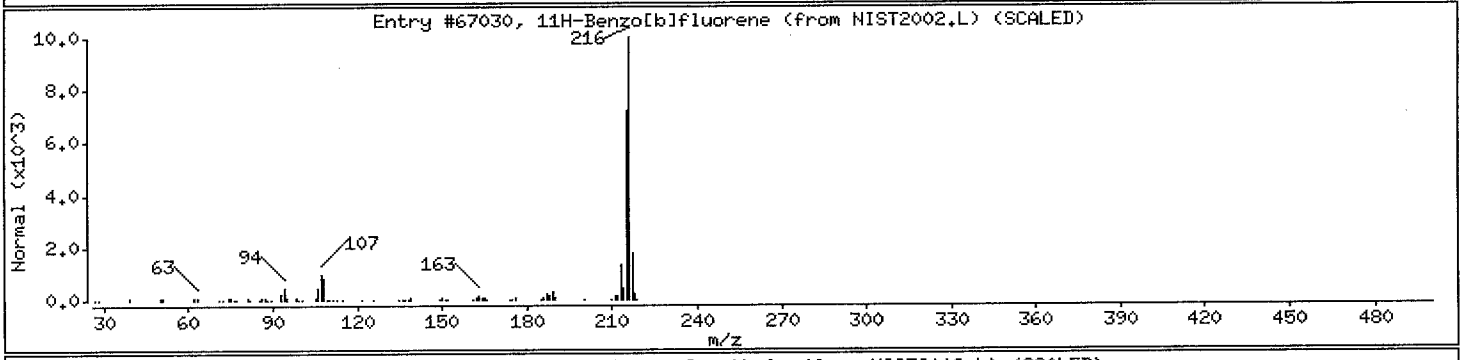
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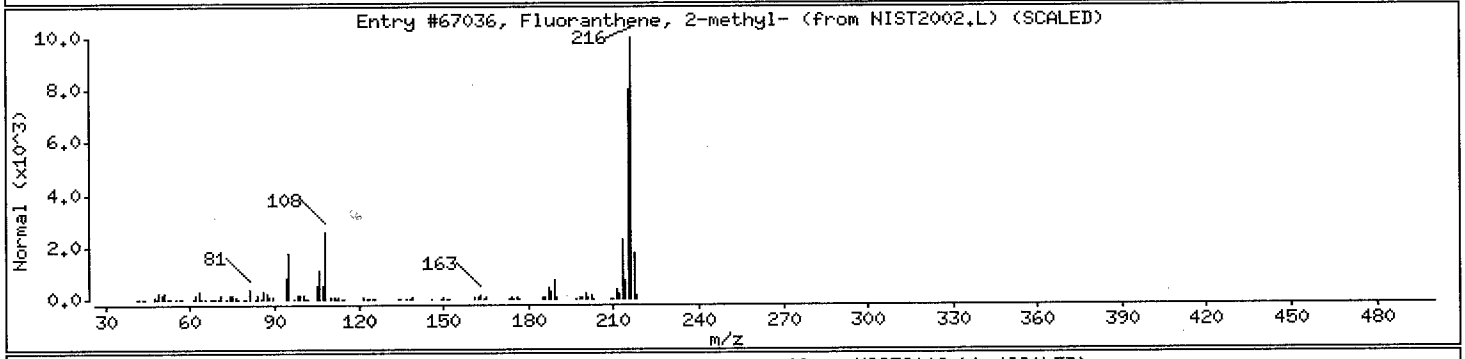
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

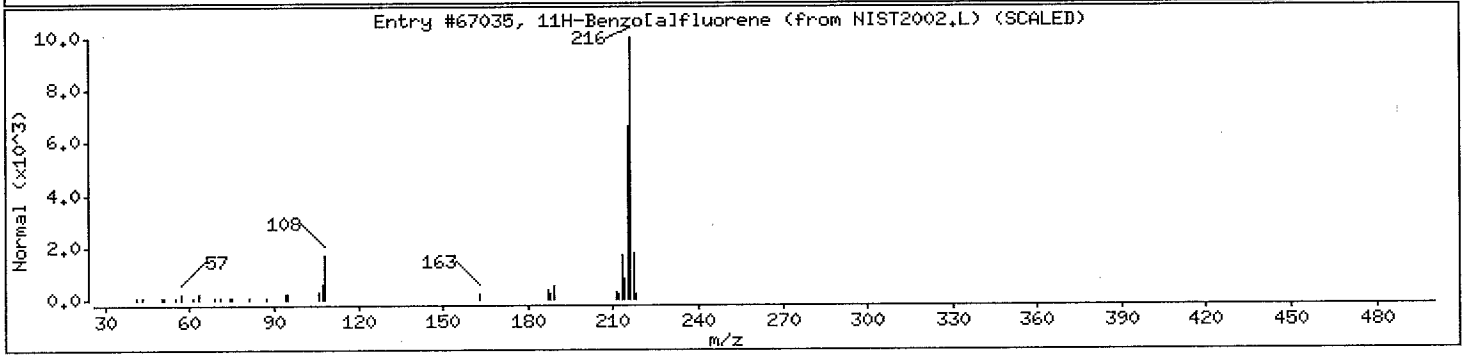
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST2002.L	67030	96	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67036	93	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST2002.L	67035	90	C17H12	216









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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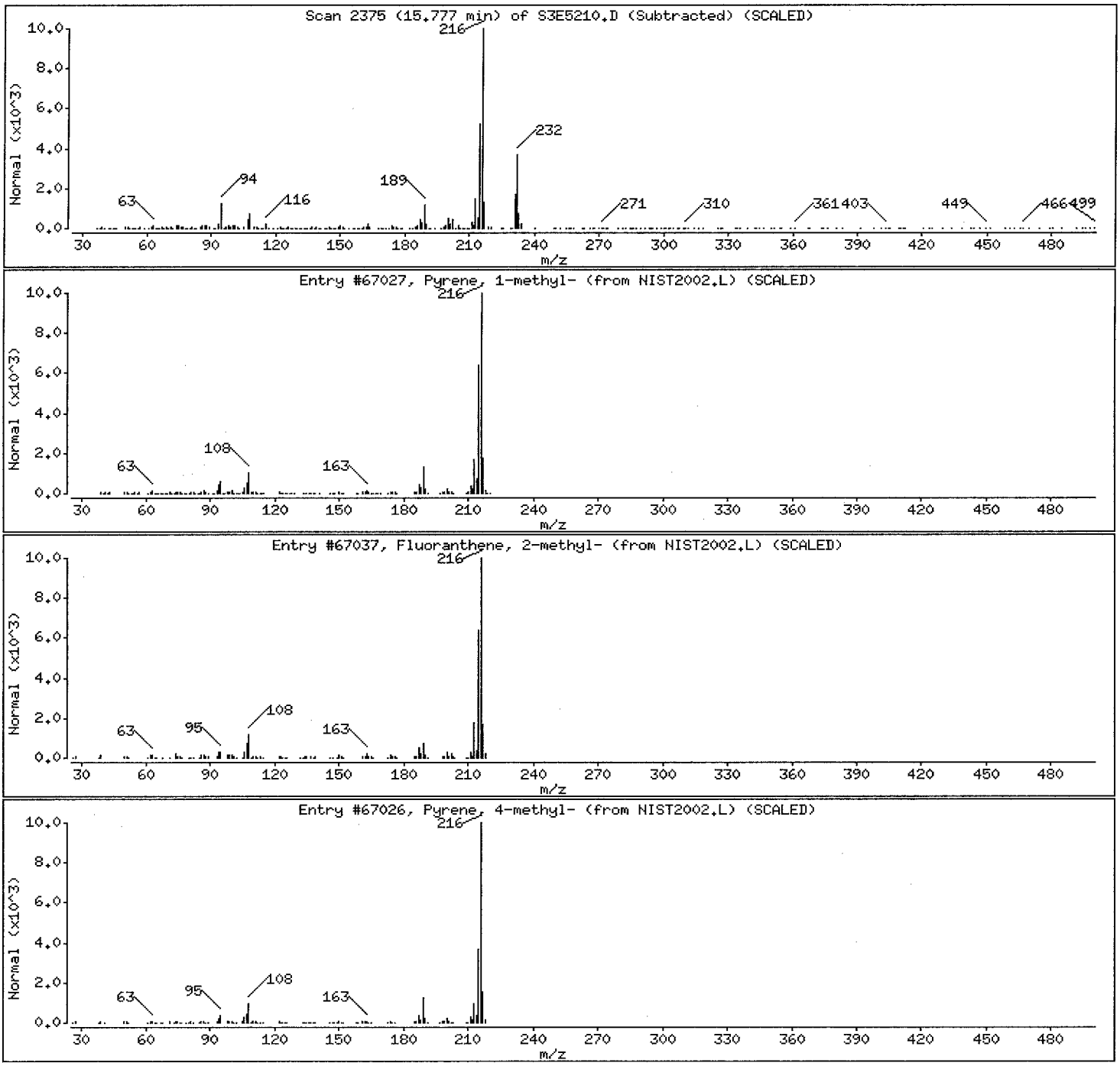
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Sample Info: F0981-07A,,31309,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67027	96	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67037	93	C17H12	216
Pyrene, 4-methyl-	3353-12-6	NIST2002.L	67026	92	C17H12	216



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

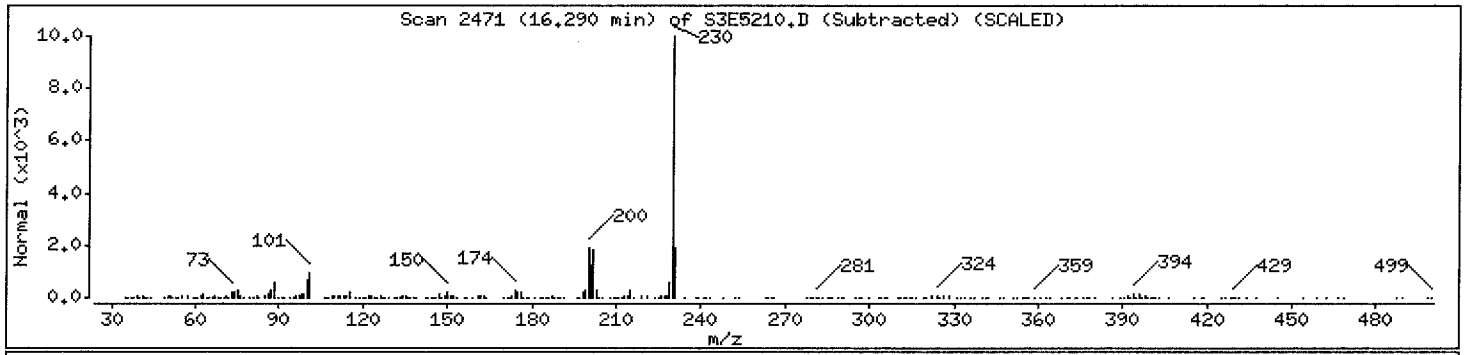
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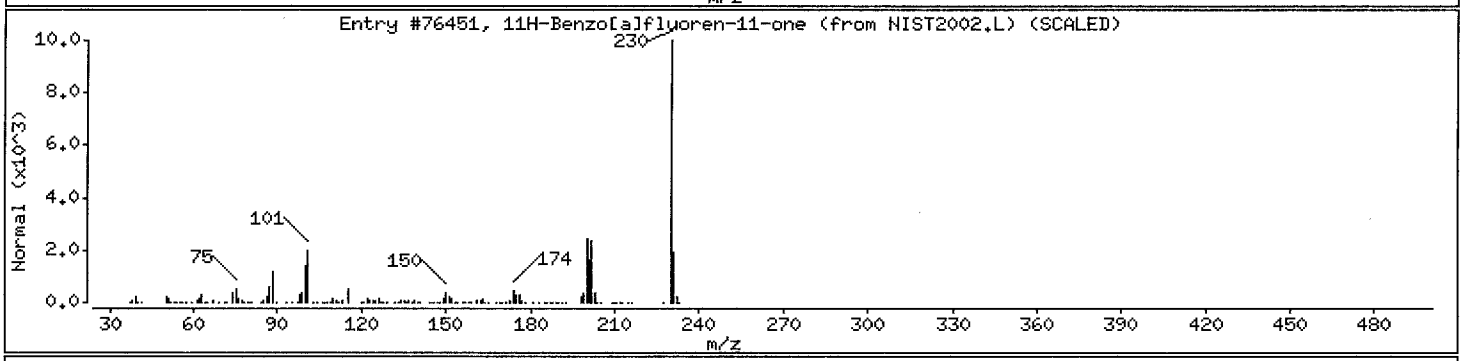
Sample Info: F0981-07A,,31309,,

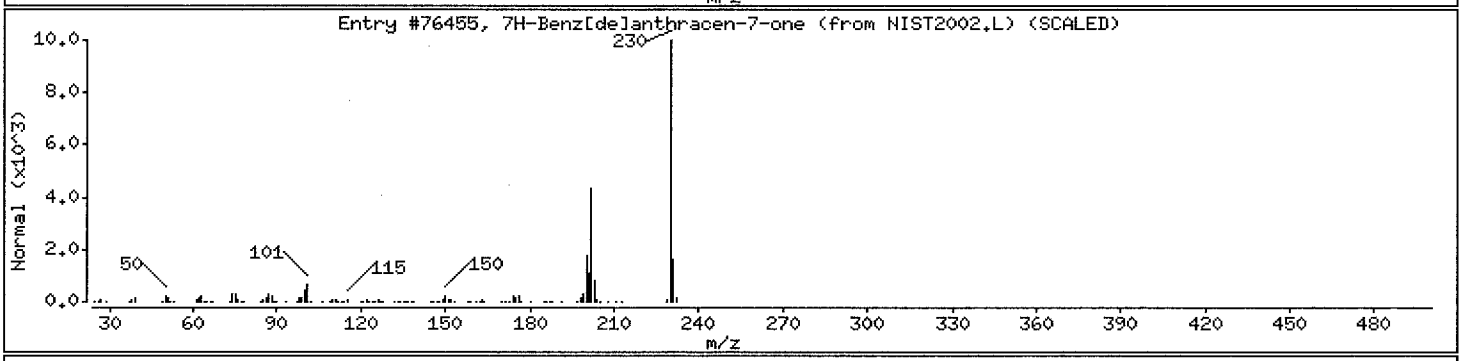
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

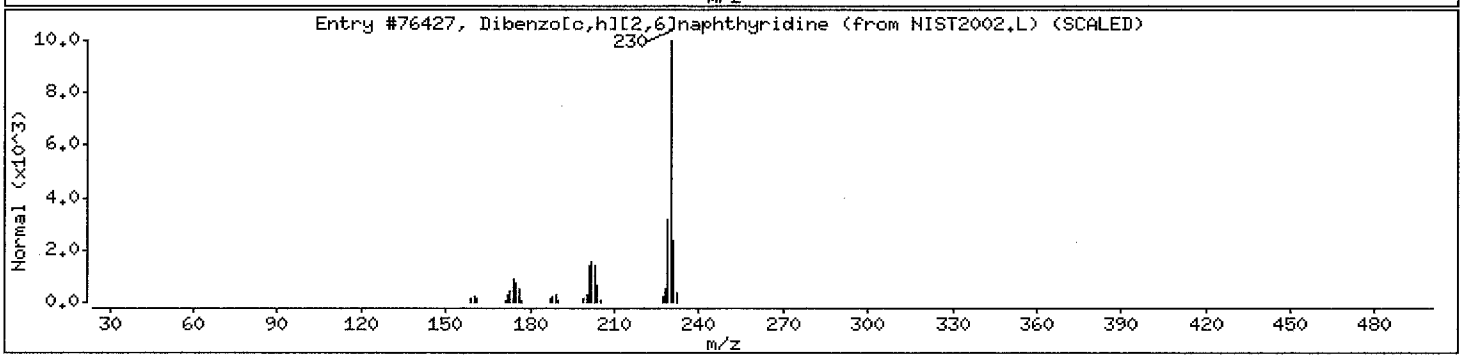
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]fluoren-11-one	479-79-8	NIST2002.L	76451	96	C17H10O	230
7H-Benz[de]anthracen-7-one	82-05-3	NIST2002.L	76455	94	C17H10O	230
Dibenzo[c,h][2,6]naphthyridine	218-30-4	NIST2002.L	76427	64	C16H10N2	230









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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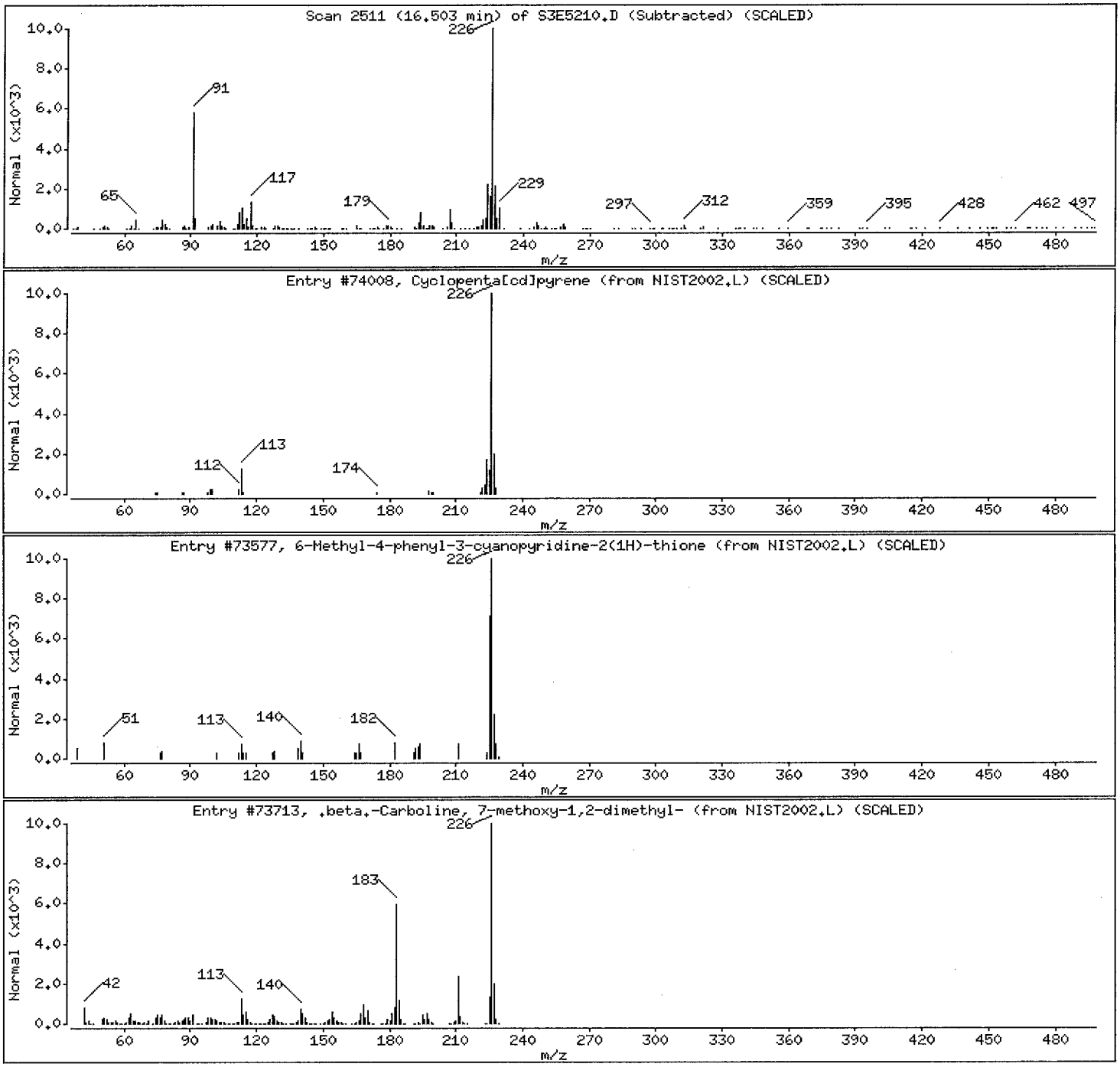
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Sample Info: F0981-07A,,31309,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopenta[cd]pyrene	27208-37-3	NIST2002.L	74008	70	C18H10	226
6-Methyl-4-phenyl-3-cyanopyridine-2(1H)-	78564-23-5	NIST2002.L	73577	50	C13H10N2S	226
.beta.-Carboline, 7-methoxy-1,2-dimethyl	6519-18-2	NIST2002.L	73713	50	C14H14N2O	226



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

Date : 11-AUG-2007 00:21

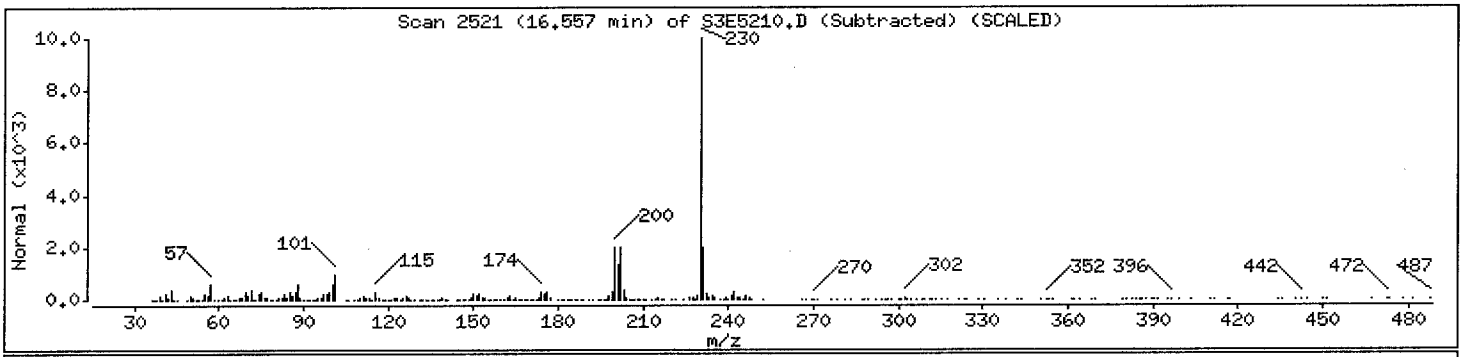
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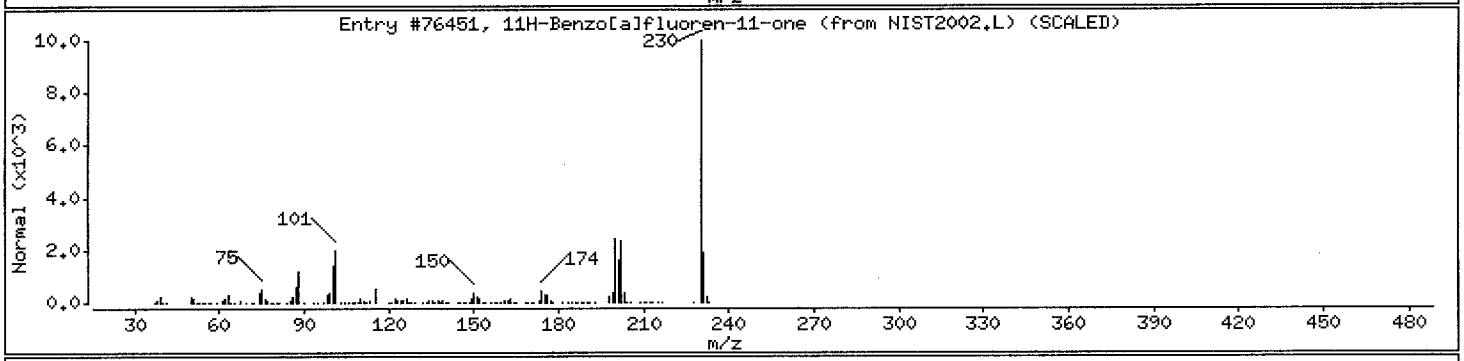
Sample Info: F0981-07A,,31309,,

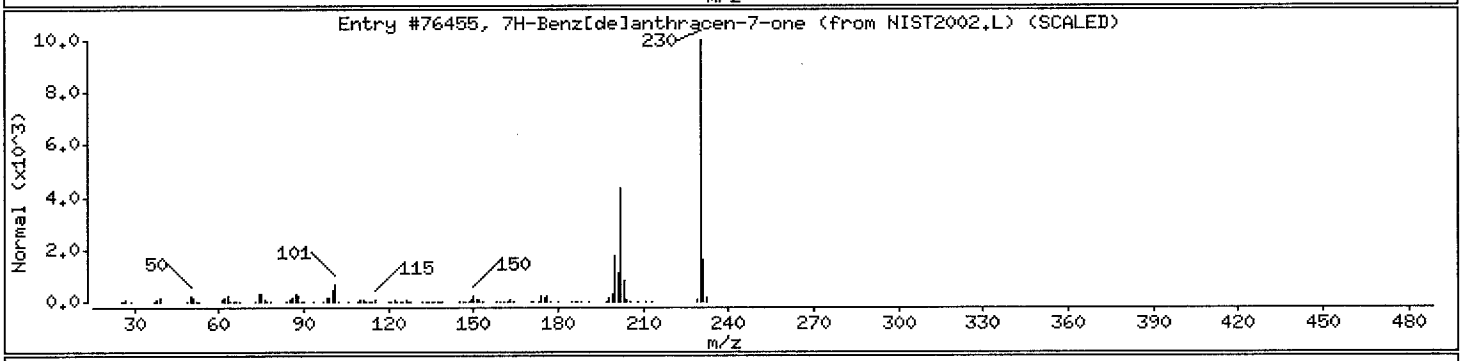
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

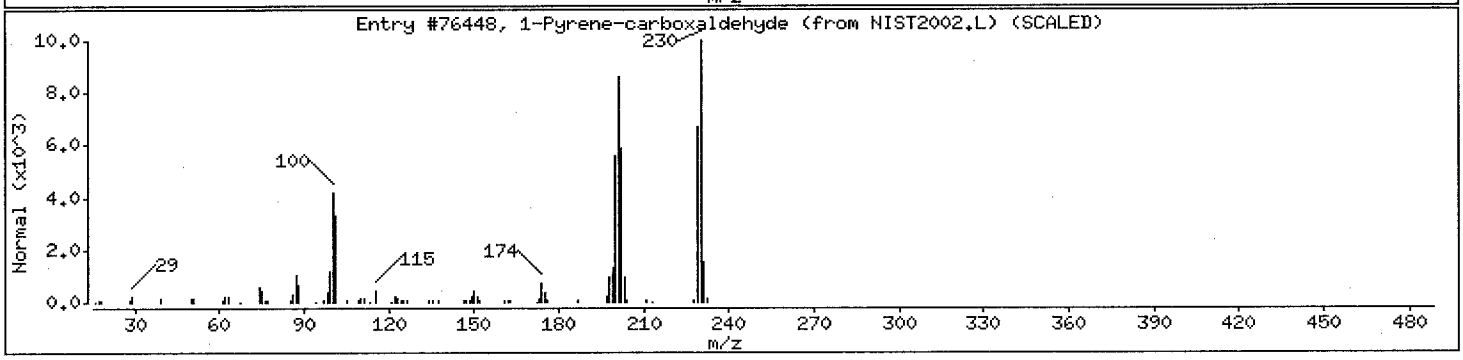
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]fluoren-11-one	479-79-8	NIST2002.L	76451	97	C17H10O	230
7H-Benz[de]anthracen-7-one	82-05-3	NIST2002.L	76455	91	C17H10O	230
1-Pyrene-carboxaldehyde	3029-19-4	NIST2002.L	76448	78	C17H10O	230









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5210.D

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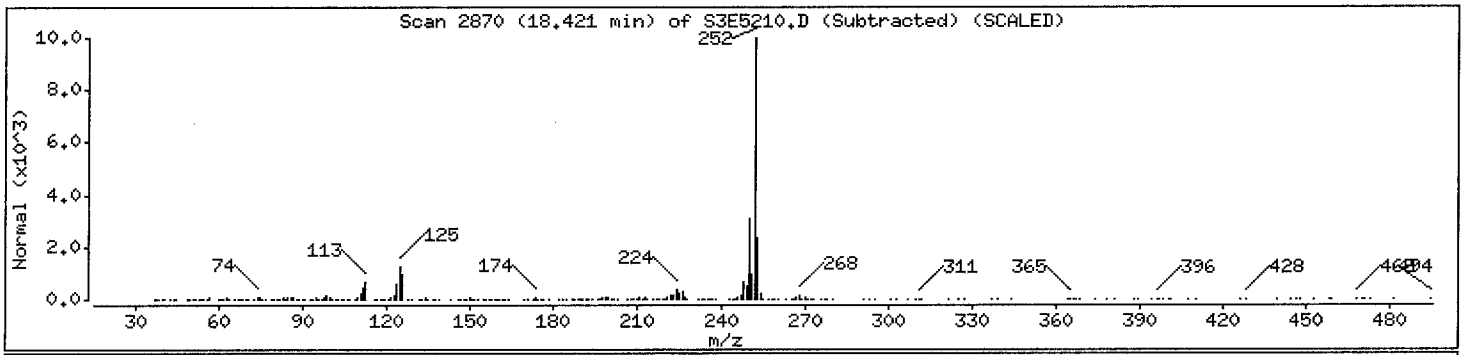
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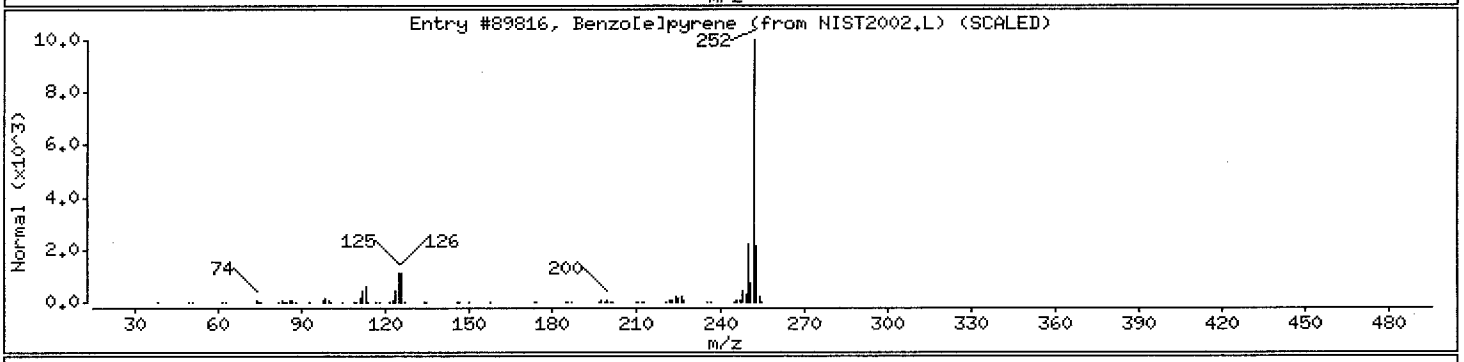
Sample Info: F0981-07A,,31309,,

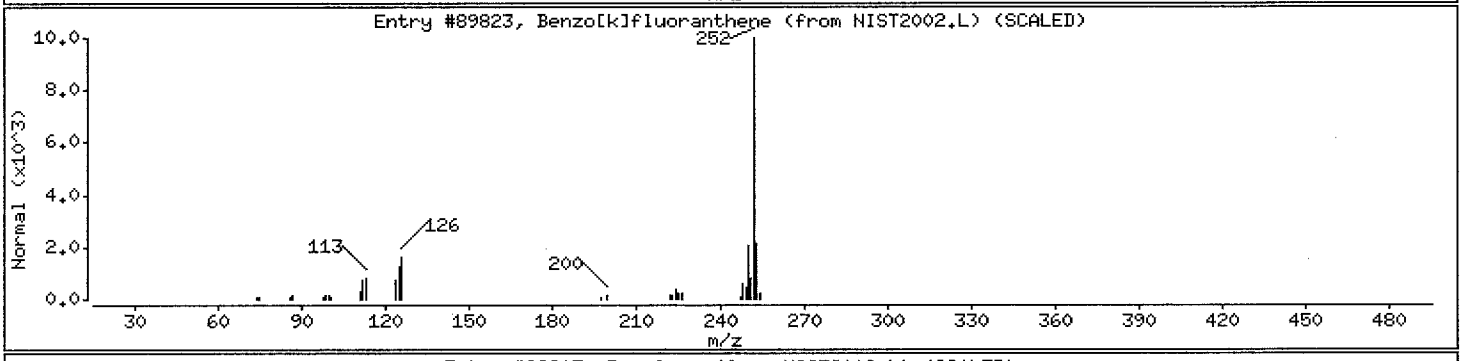
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

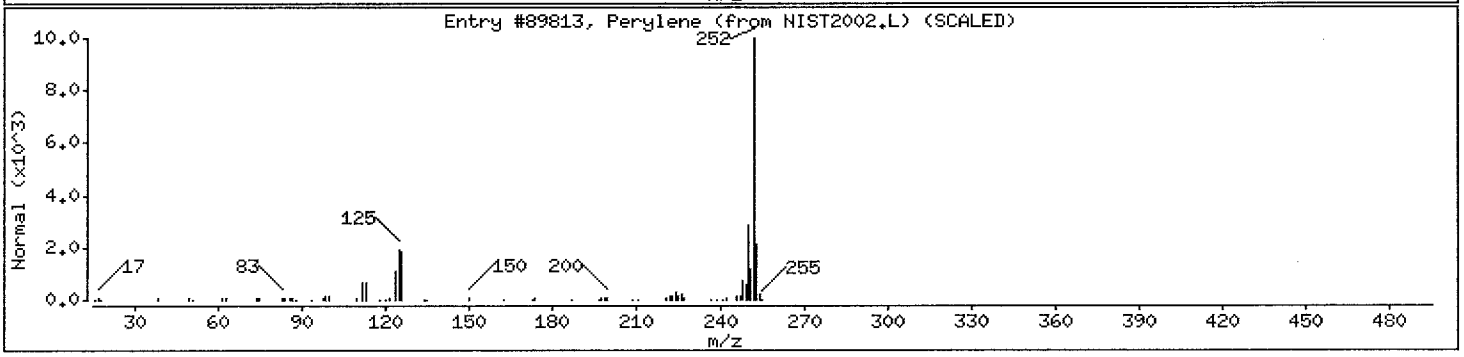
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	NIST2002.L	89816	99	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST2002.L	89823	98	C20H12	252
Perylene	198-55-0	NIST2002.L	89813	95	C20H12	252









1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07ARE

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5324

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/13/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/15/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	400	U
108-95-2	Phenol	400	U
111-44-4	bis(2-Chloroethyl)Ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2'-oxybis(1-Chloropropane)	400	U
98-86-2	Acetophenone	400	U
106-44-5	4-Methylphenol	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
111-91-1	bis(2-Chloroethoxy)methane	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	210	J
106-47-8	4-Chloroaniline	400	U
87-68-3	Hexachlorobutadiene	400	U
105-60-2	Caprolactam	400	U
59-50-7	4-Chloro-3-Methylphenol	400	U
91-57-6	2-Methylnaphthalene	170	J
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	1000	U
92-52-4	1,1'-Biphenyl	400	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	400	U
606-20-2	2,6-Dinitrotoluene	400	U
208-96-8	Acenaphthylene	190	J
99-09-2	3-Nitroaniline	1000	U
83-32-9	Acenaphthene	150	J

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07ARE

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5324

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/13/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/15/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	1000	U
100-02-7	4-Nitrophenol	1000	U
132-64-9	Dibenzofuran	130	J
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
86-73-7	Fluorene	210	J
7005-72-3	4-Chlorophenyl-phenylether	400	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	N-Nitrosodiphenylamine (1)	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
1912-24-9	Atrazine	400	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1900	
120-12-7	Anthracene	580	
86-74-8	Carbazole	240	J
84-74-2	Di-n-butylphthalate	77	J
206-44-0	Fluoranthene	2100	
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3'-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	1300	
218-01-9	Chrysene	1400	
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	1500	
207-08-9	Benzo(k)fluoranthene	570	
50-32-8	Benzo(a)pyrene	1100	
193-39-5	Indeno(1,2,3-cd)pyrene	630	
53-70-3	Dibenzo(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	580	

(1) - Cannot be separated from Diphenylamine

GHGS

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR07RE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07ARE

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5324

Level: (low/med) LOW Date Received: 07/19/07

% Moisture: 18 Decanted: (Y/N) N Date Extracted: 08/13/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/15/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

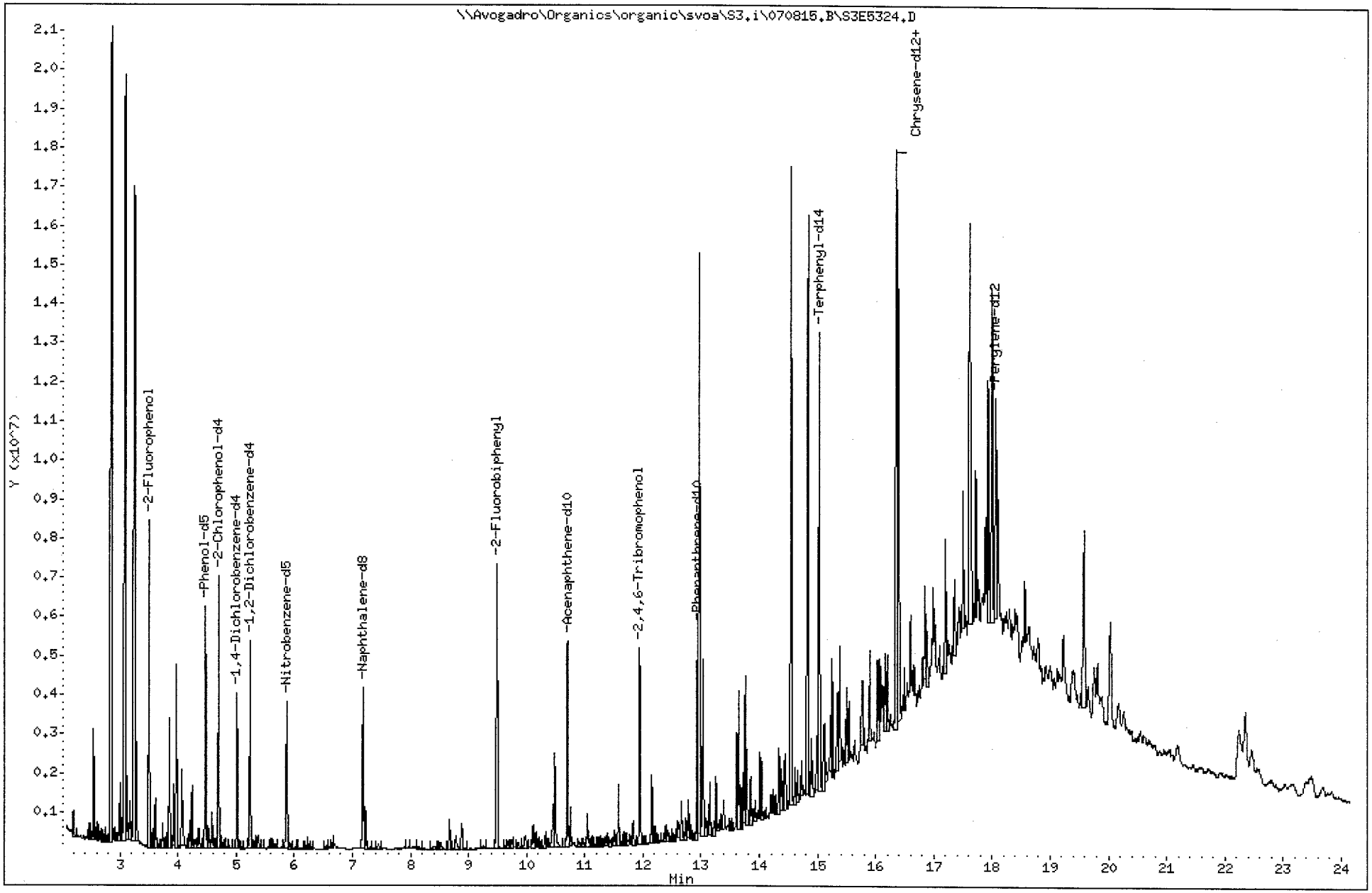
GPC Cleanup: (Y/N) Y pH: 7.8 Extraction: (Type) SONC

Number TICs found: 24

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.07	440	J
2.		UNKNOWN	4.25	280	J
3.		UNKNOWN	13.15	180	J
4.	2531-84-2	PHENANTHRENE, 2-METHYL-	13.61	330	NJ
5.	2531-84-2	PHENANTHRENE, 2-METHYL-	13.65	470	NJ
6.	2531-84-2	PHENANTHRENE, 2-METHYL-	13.71	210	NJ
7.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	13.75	590	NJ
8.	832-69-9	PHENANTHRENE, 1-METHYL-	13.79	260	NJ
9.		UNKNOWN	13.85	180	J
10.	612-94-2	NAPHTHALENE, 2-PHENYL-	14.01	230	NJ
11.	84-65-1	9,10-ANTHRACENEDIONE	14.03	230	NJ
12.	3674-65-5	PHENANTHRENE, 2,3-DIMETHYL-	14.34	270	NJ
13.		UNKNOWN	14.38	190	J
14.	5737-13-3	CYCLOPENTA(DEF)PHENANTHRENON	14.44	300	NJ
15.	2381-21-7	PYRENE, 1-METHYL-	15.12	98	NJ
16.	243-17-4	11H-BENZO[B]FLUORENE	15.26	110	NJ
17.	33543-31-6	FLUORANTHENE, 2-METHYL-	15.38	93	NJ
18.		UNKNOWN	16.04	88	J
19.		UNKNOWN	17.19	110	J
20.		UNKNOWN	17.36	240	J
21.		UNKNOWN	17.50	390	J
22.	192-97-2	BENZO[E]PYRENE	17.72	400	NJ
23.		UNKNOWN	17.89	170	J
24.	192-97-2	BENZO[E]PYRENE	17.93	890	NJ
25.					
26.					
27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D
Date : 15-AUG-2007 13:09
Client ID: MW-BR07RE
Instrument: S3.i
Sample Info: F0981-07ARE,,31655,,
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5324.D
Report Date: 15-Aug-2007 15:39

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D
Lab Smp Id: F0981-07ARE Client Smp ID: MW-BR07RE
Inj Date : 15-AUG-2007 13:09
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-07ARE,,31655,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 15:37 S3.i Quant Type: ISTD
Cal Date : 15-AUG-2007 11:19 Cal File: S3E5321.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	18.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.503	3.483	(0.699)	1979551	83.6018	1700
$	3 Phenol-d5	99	4.475	4.466	(0.892)	2523698	80.9898	1600
$	6 2-Chlorophenol-d4	132	4.699	4.696	(0.937)	2059227	87.4714	1800
*	8 1,4-Dichlorobenzene-d4	152	5.014	5.011	(1.000)	771758	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.239	5.241	(1.045)	1010141	57.2981	1200
$	16 Nitrobenzene-d5	82	5.869	5.871	(0.817)	1740297	60.8267	1200
*	23 Naphthalene-d8	136	7.183	7.185	(1.000)	2581558	40.0000	
	24 Naphthalene	128	7.221	7.228	(1.005)	666128	10.5813	210(a)
	29 2-Methylnaphthalene	142	8.674	8.681	(1.207)	325987	8.23707	170(a)
$	33 2-Fluorobiphenyl	172	9.491	9.493	(0.887)	3374939	63.5883	1300
	39 Acenaphthylene	152	10.453	10.460	(0.977)	588390	9.55774	190(a)
*	41 Acenaphthene-d10	164	10.704	10.706	(1.000)	1415632	40.0000	
	42 Acenaphthene	153	10.752	10.759	(1.004)	298468	7.28543	150(a)
	45 Dibenzofuran	168	11.040	11.048	(1.031)	400608	6.62497	130(a)
	48 Fluorene	166	11.580	11.587	(1.082)	510113	10.1960	210(a)
$	53 2,4,6-Tribromophenol	330	11.943	11.945	(0.924)	608113	79.4629	1600
*	58 Phenanthrene-d10	188	12.931	12.933	(1.000)	2425484	40.0000	
	59 Phenanthrene	178	12.969	12.966	(1.003)	6496694	93.1936	1900
	60 Anthracene	178	13.033	13.035	(1.008)	2011637	28.9110	580
	61 Carbazole	167	13.257	13.259	(1.025)	659553	11.8196	240(a)

Data File: S3E5324.D
Report Date: 15-Aug-2007 15:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)	
62	Di-n-butylphthalate	149	13.738	13.740	(1.062)	261247	3.83304	77	(a)
63	Fluoranthene	202	14.545	14.536	(1.125)	7845876	105.064	2100	
64	Pyrene	202	14.839	14.830	(0.907)	7634945	92.2698	1900	
$ 65	Terphenyl-d14	244	15.031	15.028	(0.919)	3906996	63.2513	1300	
68	Benzo(a)anthracene	228	16.345	16.342	(0.999)	5398314	64.6825	1300	
* 69	Chrysene-d12	240	16.361	16.352	(1.000)	2996237	40.0000		
70	Chrysene	228	16.393	16.384	(1.002)	5383244	67.4642	1400	
71	bis(2-Ethylhexyl)phthalate	149	16.361	16.358	(1.000)	410572	8.46940	170	(a)
73	Benzo(b)fluoranthene	252	17.616	17.597	(0.975)	7024603	73.3690	1500	(M)
74	Benzo(k)fluoranthene	252	17.638	17.629	(0.976)	2813890	28.2483	570	(QM)
75	Benzo(a)pyrene	252	18.001	17.982	(0.996)	4859371	53.5575	1100	
* 76	Perylene-d12	264	18.065	18.051	(1.000)	3145098	40.0000		
77	Indeno(1,2,3-cd)pyrene	276	19.582	19.552	(1.084)	3401510	31.2309	630	
79	Benzo(g,h,i)perylene	276	20.031	20.001	(1.109)	2695909	28.6274	580	

JM2 8/15/07 SW

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

8/15/07 SW

Data File: S3E5324.D
Report Date: 15-Aug-2007 15:58

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D
Lab Smp Id: F0981-07ARE Client Smp ID: MW-BR07RE
Inj Date : 15-AUG-2007 13:09
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-07ARE,,31655,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 15:37 S3.i Quant Type: ISTD
Cal Date : 15-AUG-2007 11:19 Cal File: S3E5321.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	18.000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD		RT	AREA	AMOUNT
* 8	1,4-Dichlorobenzene-d4	5.015	4955329	40.000
* 41	Acenaphthene-d10	10.704	6917688	40.000
* 58	Phenanthrene-d10	12.932	7087427	40.000
* 69	Chrysene-d12	16.362	29298318	40.000
* 76	Perylene-d12	18.066	9228812	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
4.069	2688721	21.7036715	440	0		0	8
Unknown				CAS #:			
4.246	1711704	13.8170793	280	0		0	8

Data File: S3E5324.D
Report Date: 15-Aug-2007 15:58

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane				CAS #:			
10.485	3862662	22.3349846	450	0		0	41(L)
Cyclic Alkane				CAS #:			
12.152	1918795	10.8292886	220	0		0	58(L)
Unknown				CAS #:			
13.151	1572558	8.87519679	180	0		0	58
Phenanthrene, 2-methyl-				CAS #: 2531-84-2			
13.610	2889799	16.3094399	330	96	NIST2002.L	50626	58
Phenanthrene, 2-methyl-				CAS #: 2531-84-2			
13.648	4088661	23.0755692	470	98	NIST2002.L	50627	58
Phenanthrene, 2-methyl-				CAS #: 2531-84-2			
13.712	1870436	10.5563622	210	96	NIST2002.L	50626	58
4H-Cyclopenta[def]phenanthrene				CAS #: 203-64-5			
13.755	5141889	29.0197730	590	87	NIST2002.L	49337	58
Phenanthrene, 1-methyl-				CAS #: 832-69-9			
13.787	2257137	12.7388242	260	98	NIST2002.L	50623	58
Unknown				CAS #:			
13.851	1536746	8.67308280	180	0		0	58
Naphthalene, 2-phenyl-				CAS #: 612-94-2			
14.011	2004568	11.3133745	230	93	NIST2002.L	58957	58
9,10-Anthracenedione				CAS #: 84-65-1			
14.032	2035454	11.4876907	230	96	NIST2002.L	61654	58
Phenanthrene, 2,3-dimethyl-				CAS #: 3674-65-5			
14.337	2361501	13.3278286	270	91	NIST2002.L	60351	58
Unknown				CAS #:			
14.380	1662999	9.38562726	190	0		0	58
Cyclopenta(def)phenanthrenone				CAS #: 5737-13-3			
14.438	2622675	14.8018457	300	95	NIST2002.L	58950	58
Pyrene, 1-methyl-				CAS #: 2381-21-7			
15.117	3539968	4.83299777	98	93	NIST2002.L	67024	69
11H-Benzo[b]fluorene				CAS #: 243-17-4			
15.256	3944126	5.38478107	110	96	NIST2002.L	67030	69
Fluoranthene, 2-methyl-				CAS #: 33543-31-6			
15.384	3358084	4.58467758	93	91	NIST2002.L	67037	69
Unknown				CAS #:			
16.036	3207521	4.37912003	88	0		0	69

Data File: S3E5324.D
Report Date: 15-Aug-2007 15:58

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
17.195	4114272	5.61707643	110	0		0	69
Unknown				CAS #:			
17.355	2707832	11.7364291	240	0		0	76(L)
Unknown				CAS #:			
17.499	4414883	19.1352160	390	0		0	76
Benzo[e]pyrene				CAS #: 192-97-2			
17.719	4605216	19.9601694	400	97	NIST2002.L	89816	76
Unknown				CAS #:			
17.889	1968745	8.53303879	170	0		0	76
Benzo[e]pyrene				CAS #: 192-97-2			
17.932	10186787	44.1521048	890	99	NIST2002.L	89816	76
Branched Alkane				CAS #:			
18.557	2092059	9.06751257	180	0		0	76(L)

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

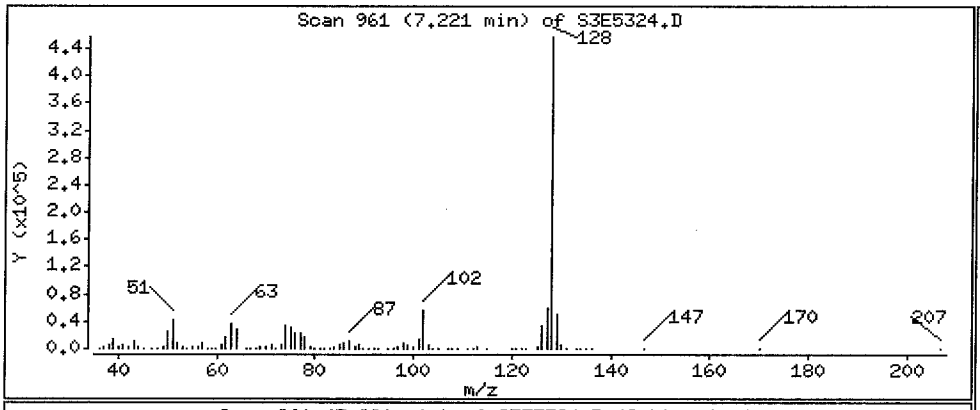
Operator: CLM SRC: LIMS

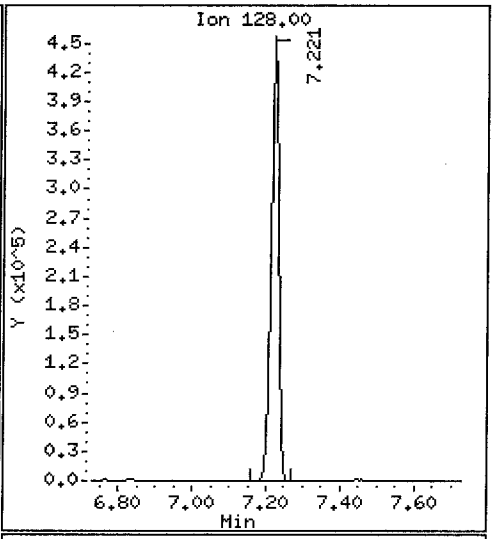
Column phase: DB-5MS

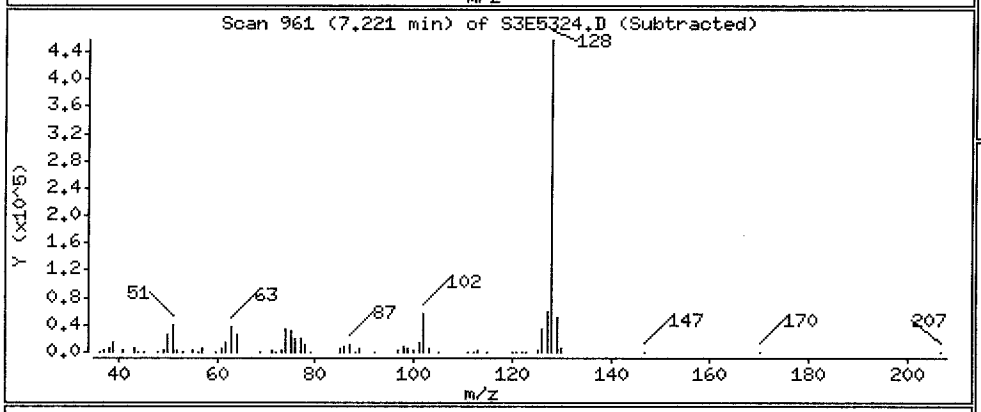
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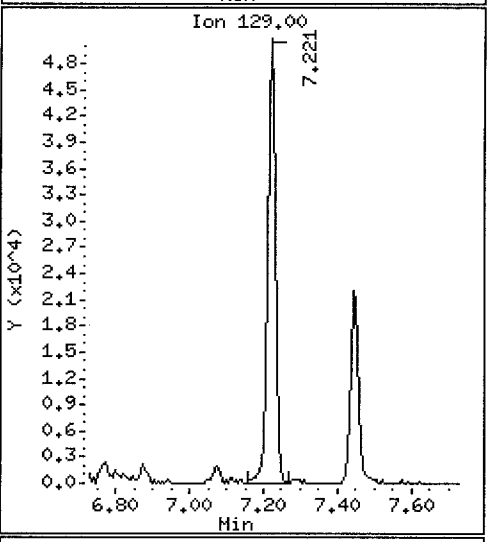
24 Naphthalene

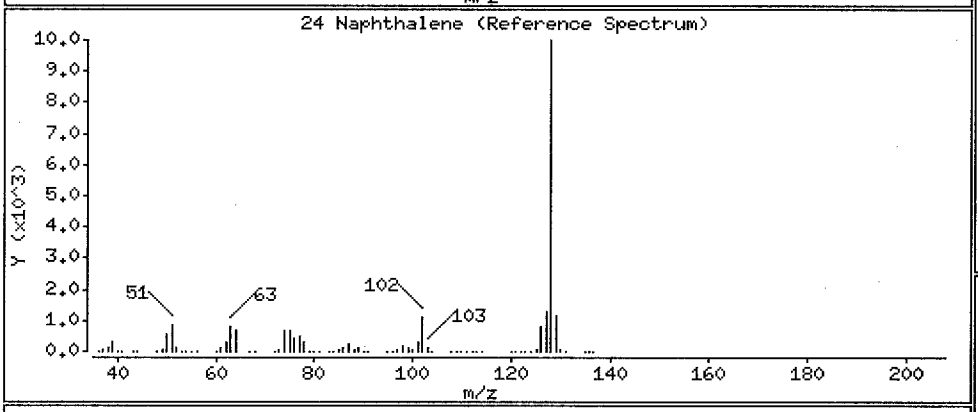
Concentration: 210 ug/Kg

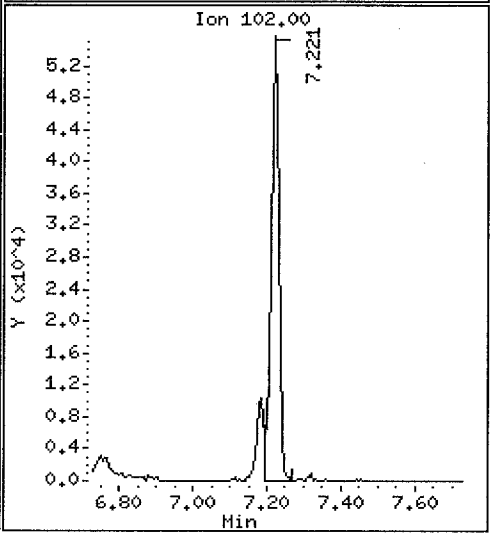


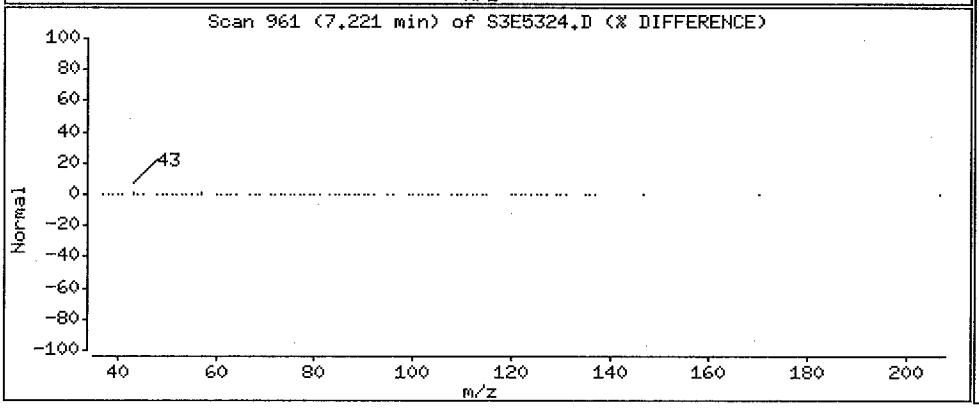












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

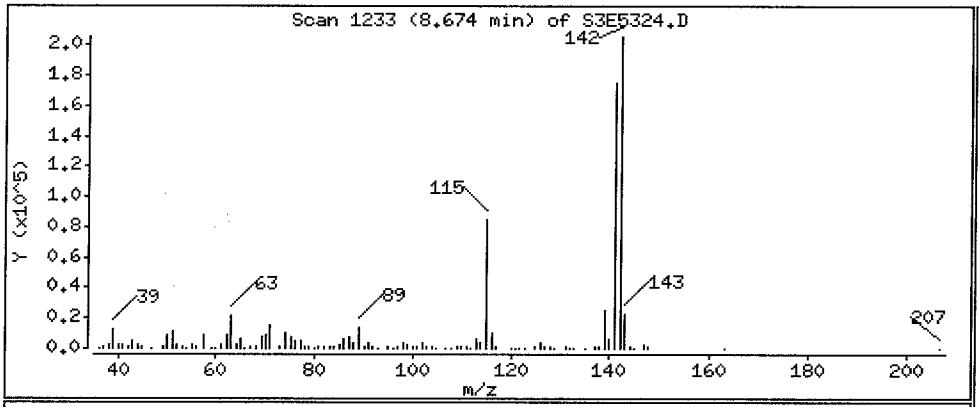
Operator: CLM SRC: LIMS

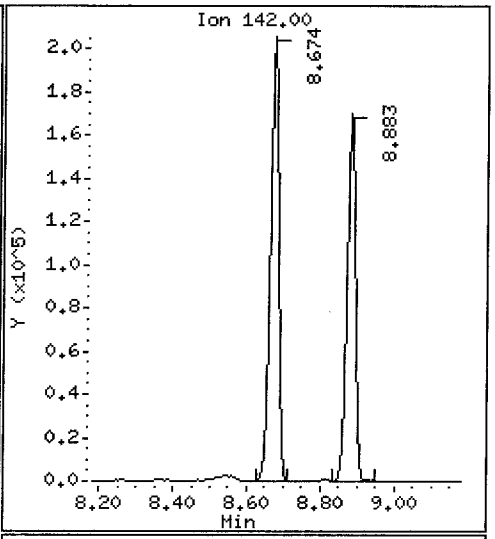
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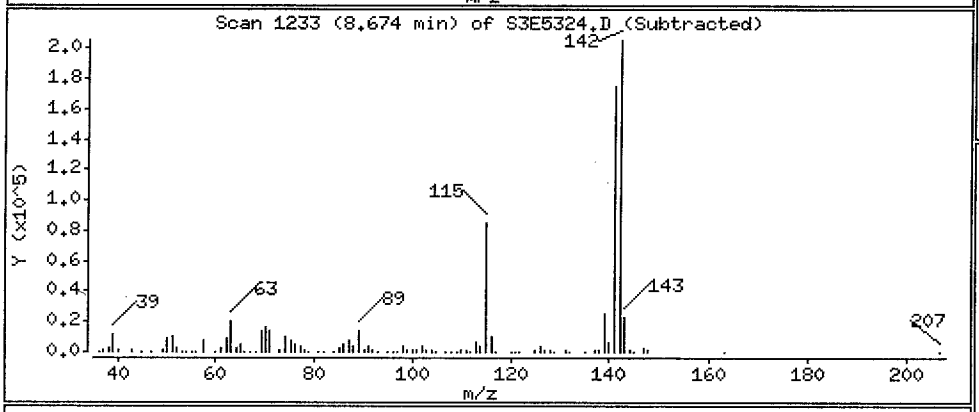
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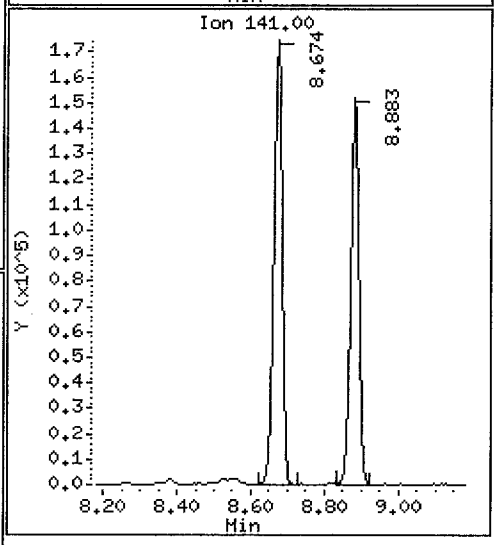
29 2-Methylnaphthalene

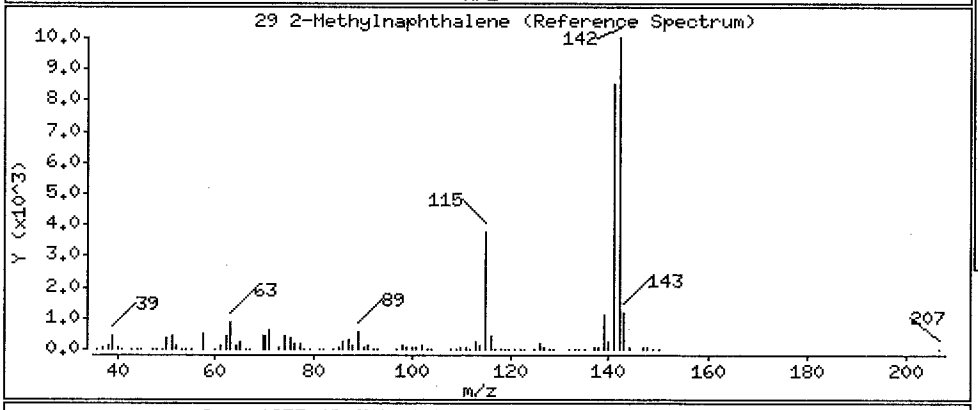
Concentration: 170 ug/Kg

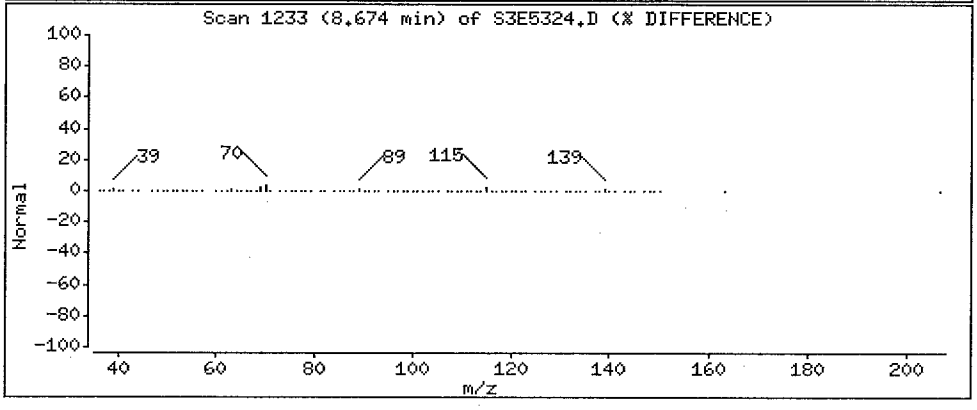












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

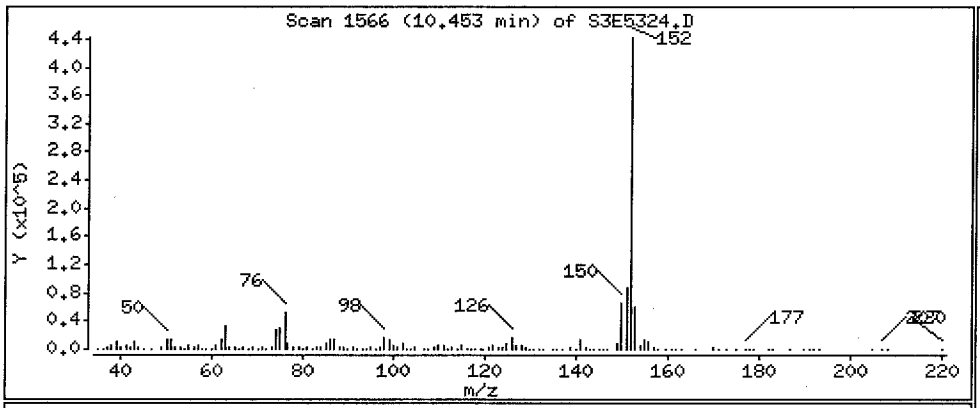
Operator: CLM SRC: LIMS

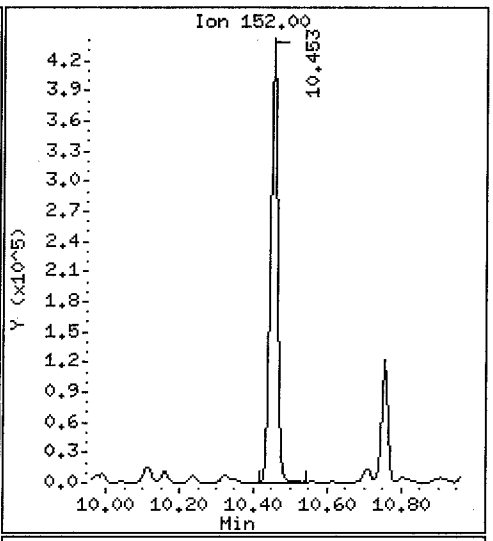
Column phase: DB-5MS

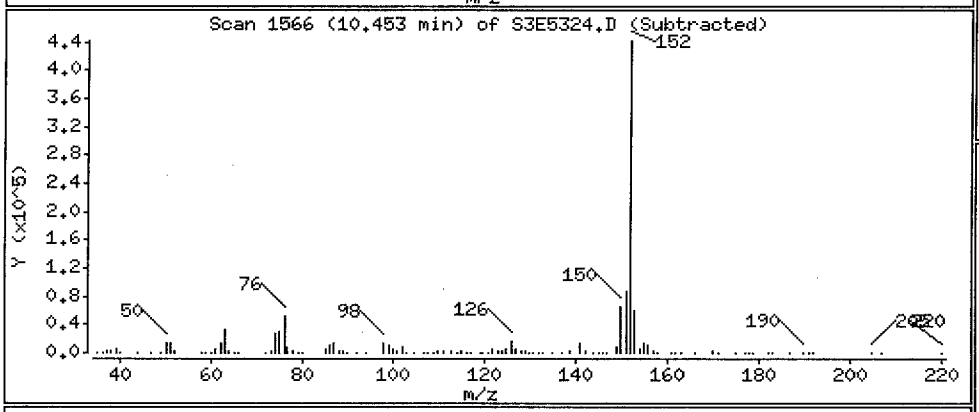
Column diameter: 0.25

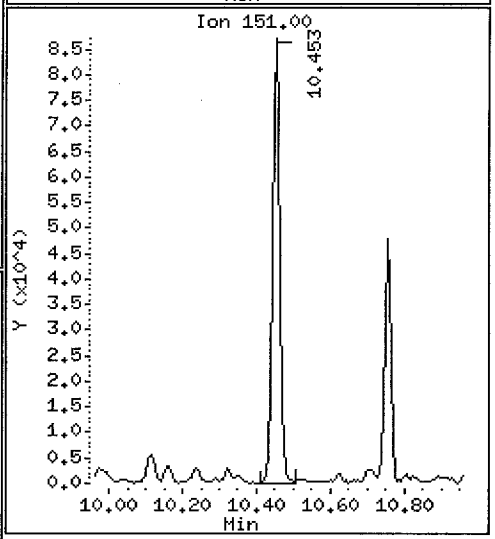
39 Acenaphthylene

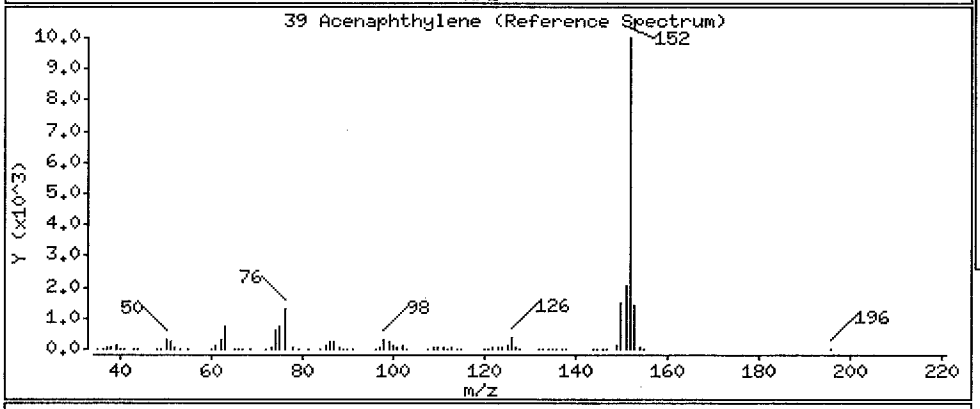
Concentration: 190 ug/Kg

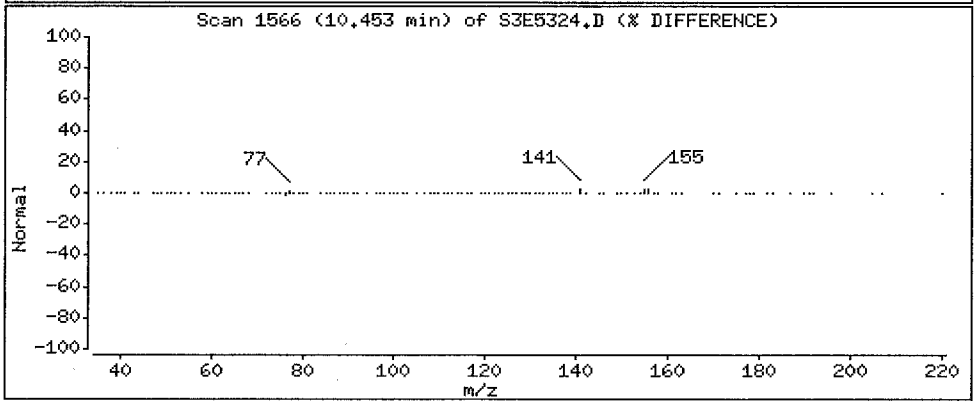












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

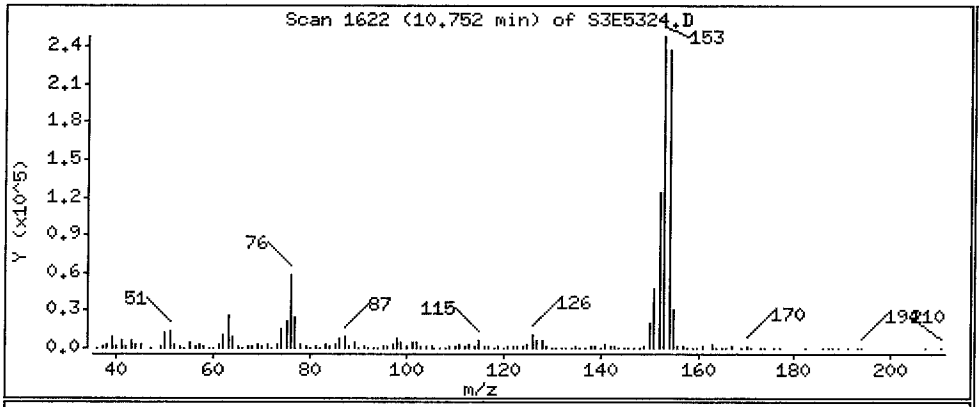
Operator: CLM SRC: LIMS

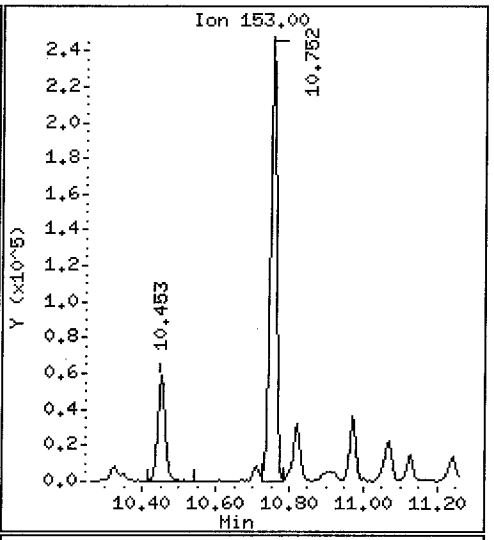
Column phase: DB-5MS

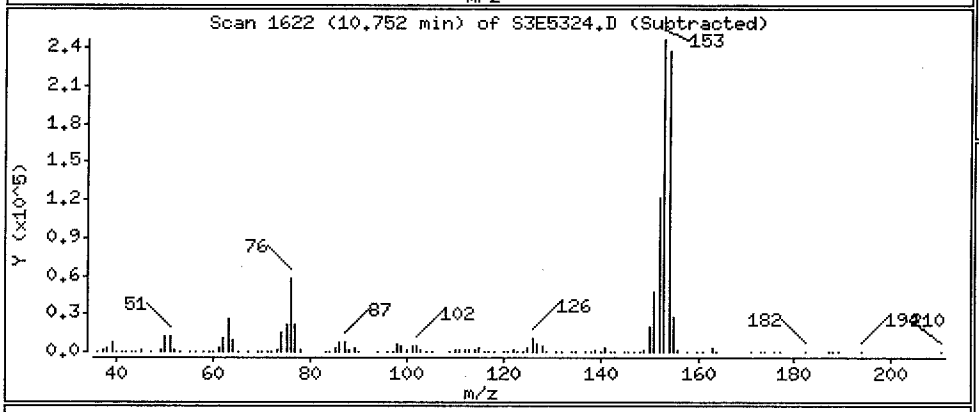
Column diameter: 0.25

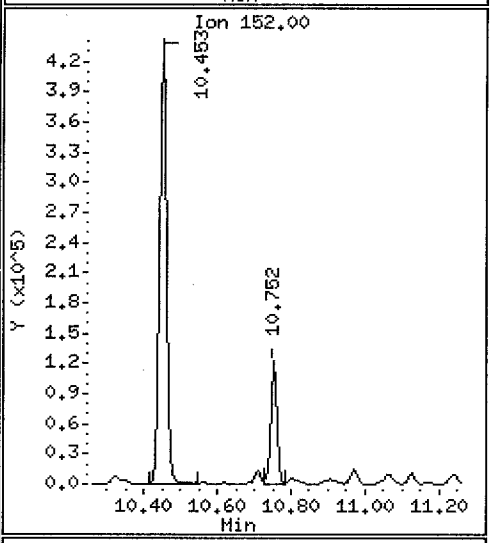
42 Acenaphthene

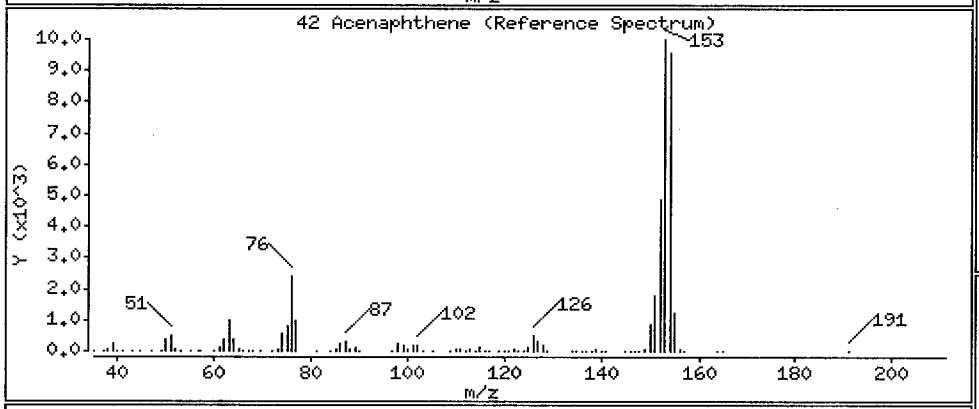
Concentration: 150 ug/Kg

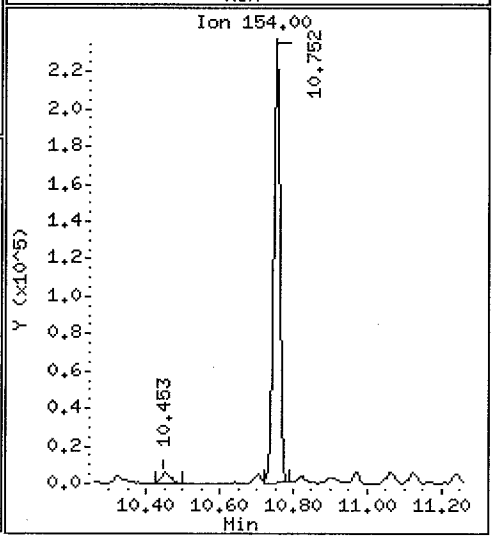


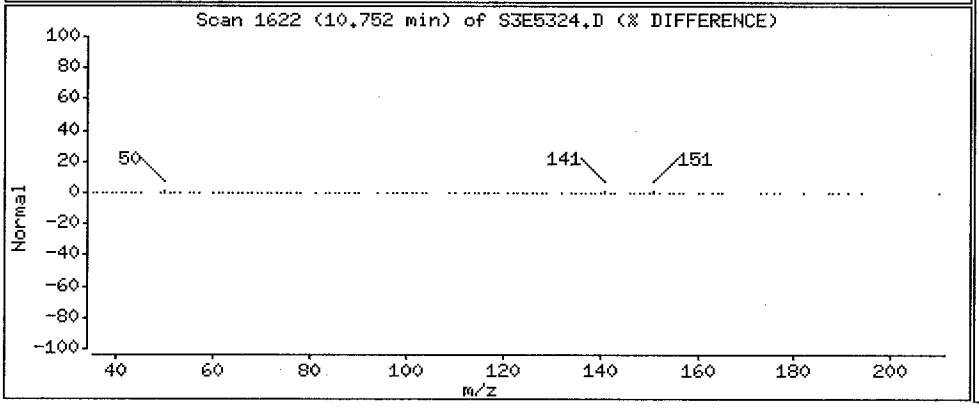












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

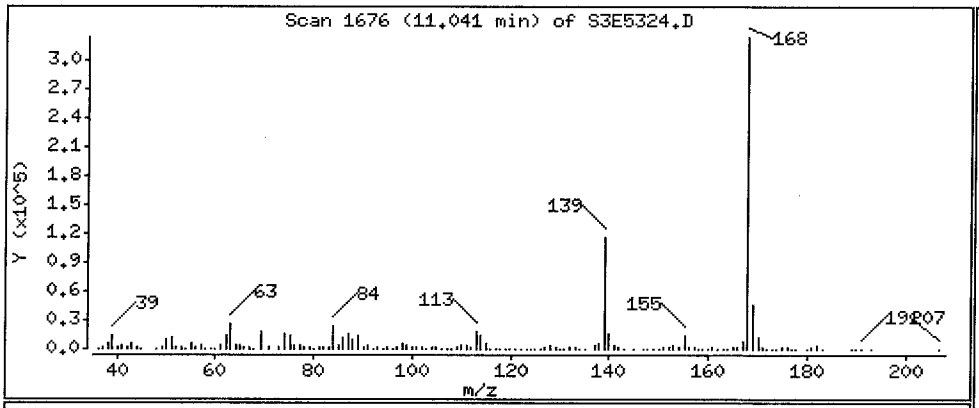
Operator: CLM SRC: LIMS

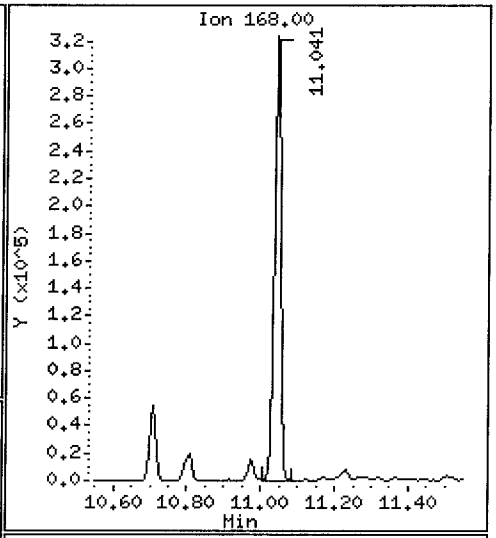
Column phase: DB-5MS

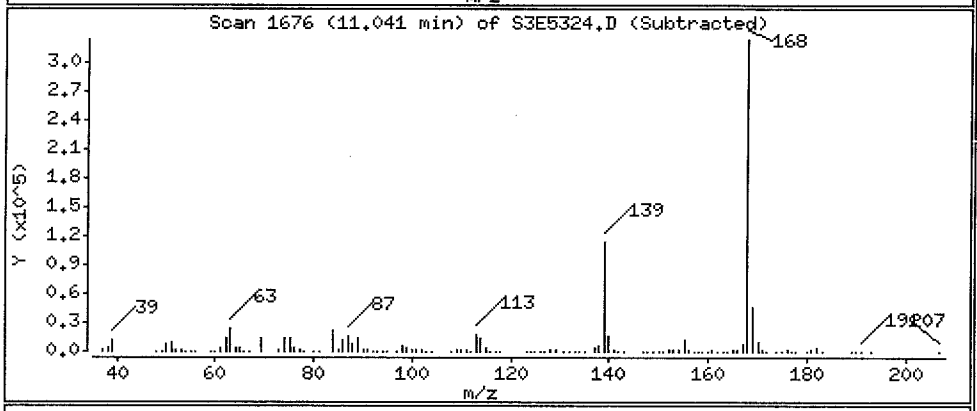
Column diameter: 0.25

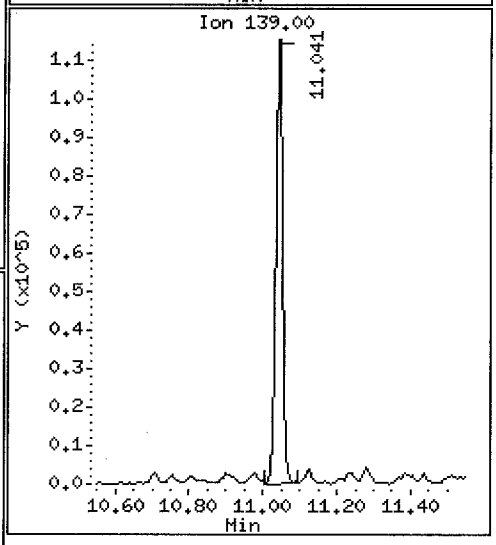
45 Dibenzofuran

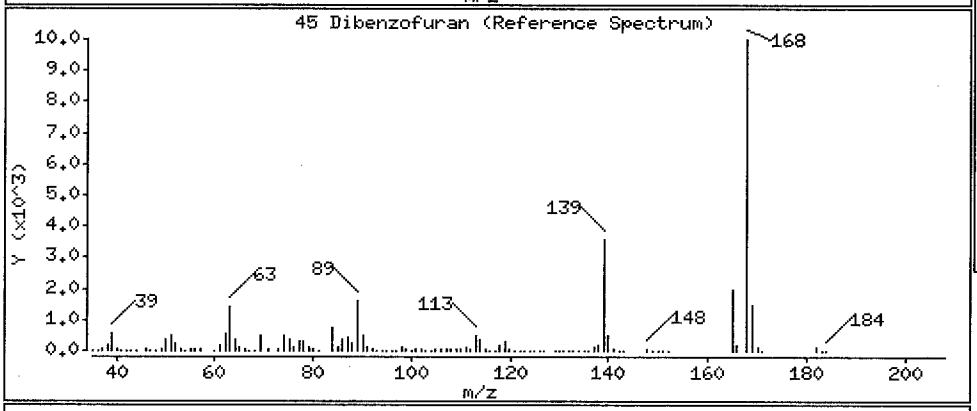
Concentration: 130 ug/Kg

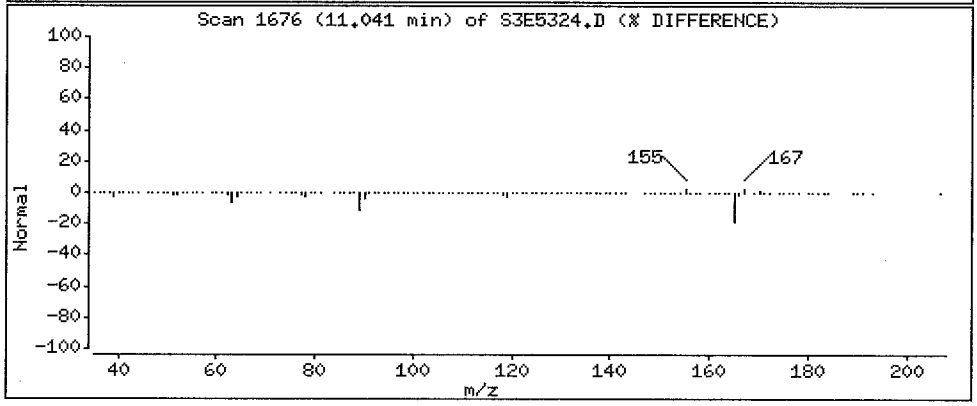












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

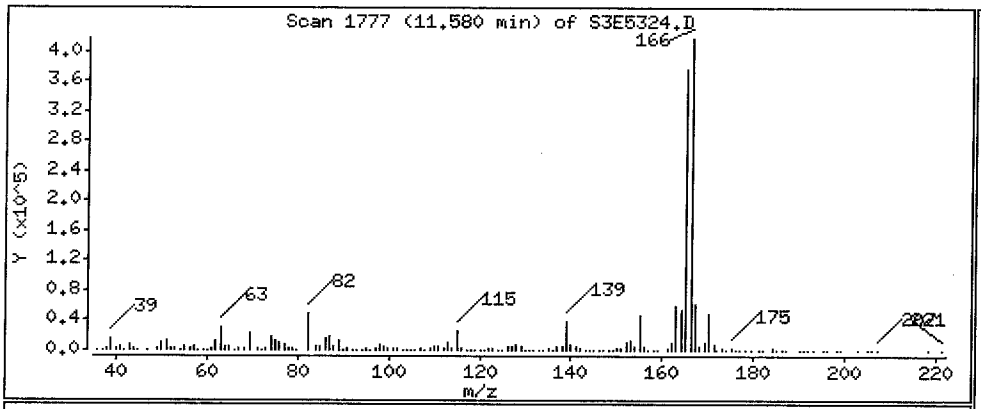
Operator: CLM SRC: LIMS

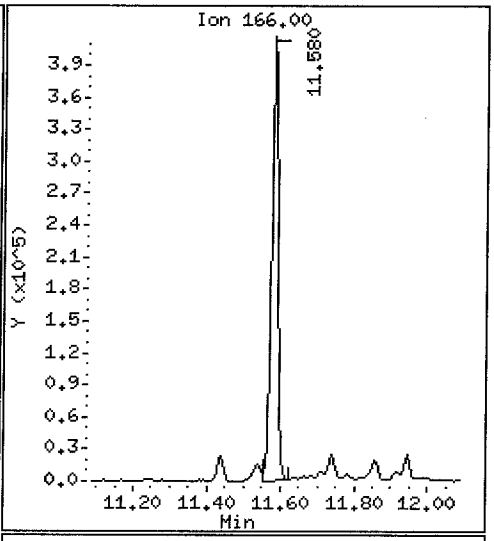
Column phase: DB-5MS

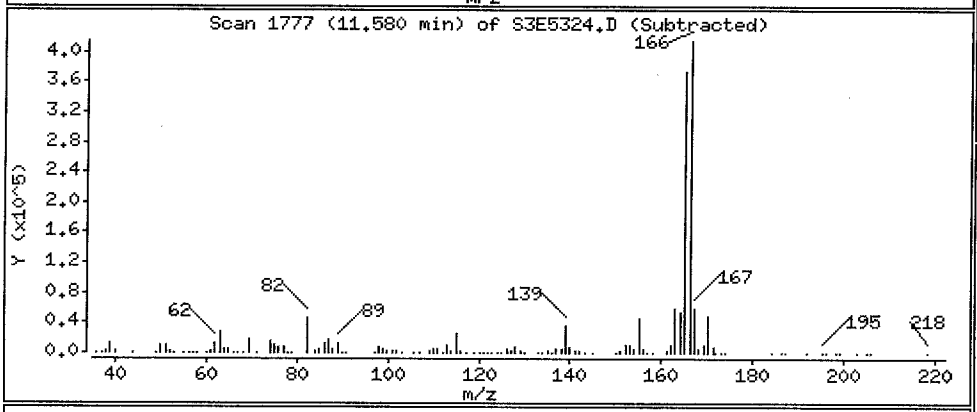
Column diameter: 0.25

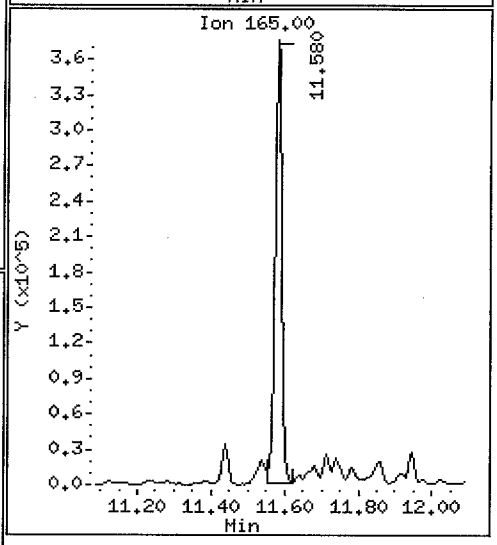
48 Fluorene

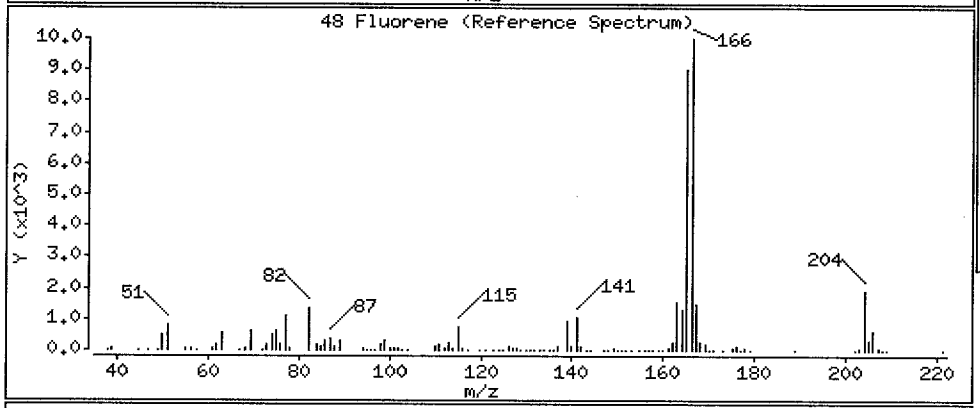
Concentration: 210 ug/Kg

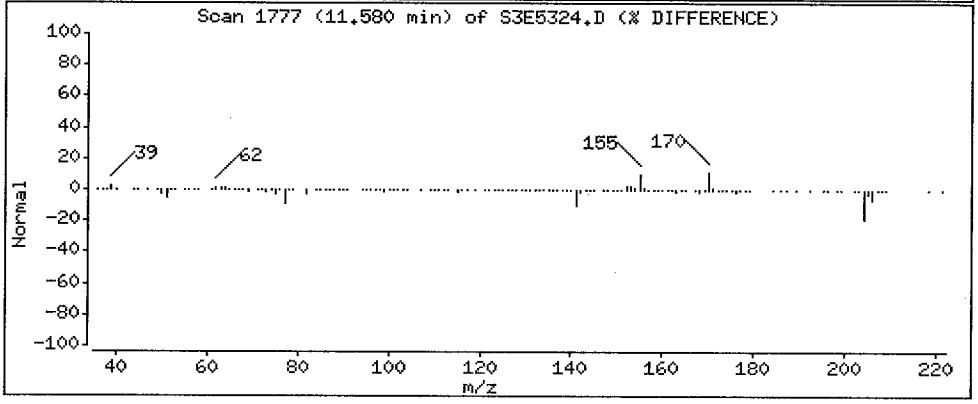












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

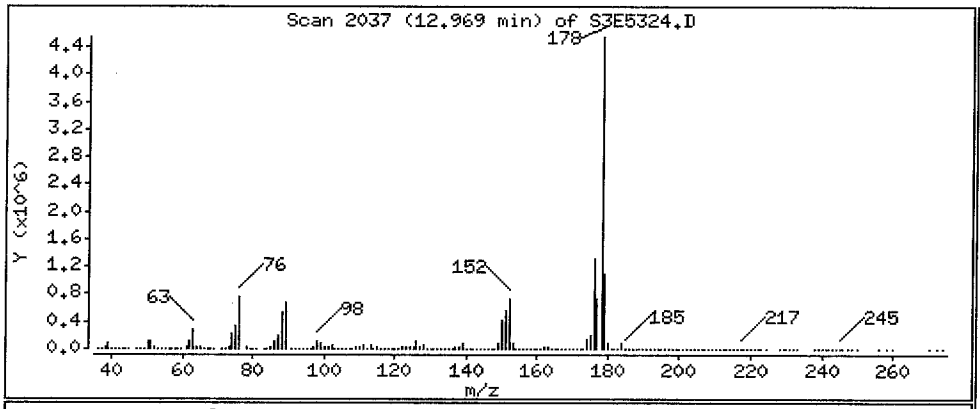
Operator: CLM SRC: LIMS

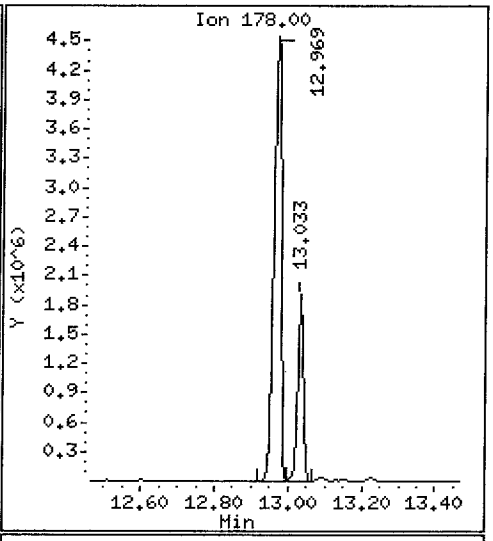
Column phase: DB-5MS

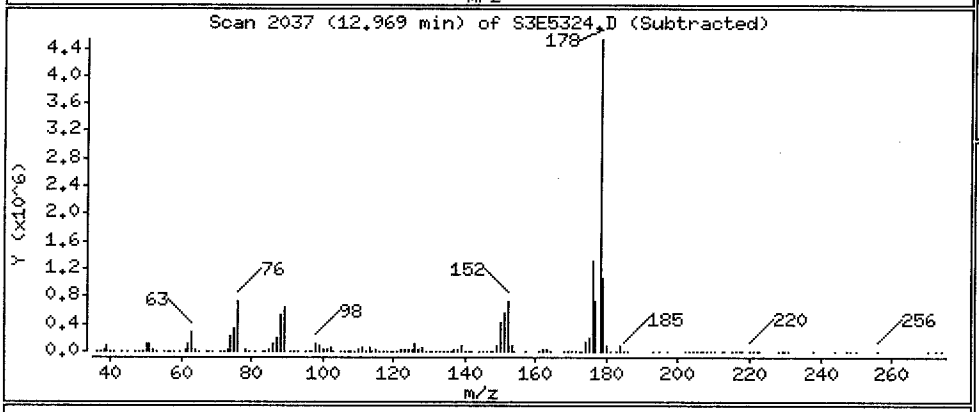
Column diameter: 0.25

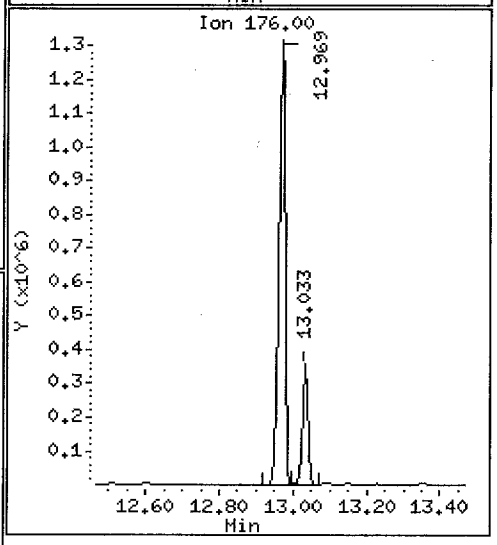
59 Phenanthrene

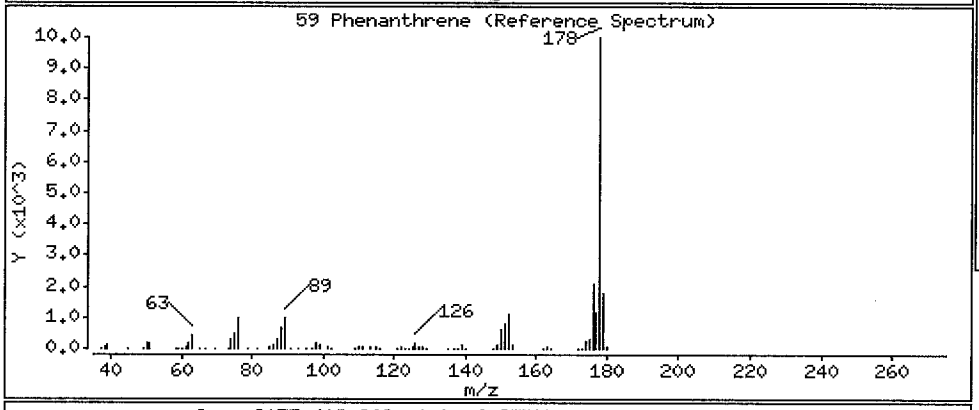
Concentration: 1900 ug/Kg

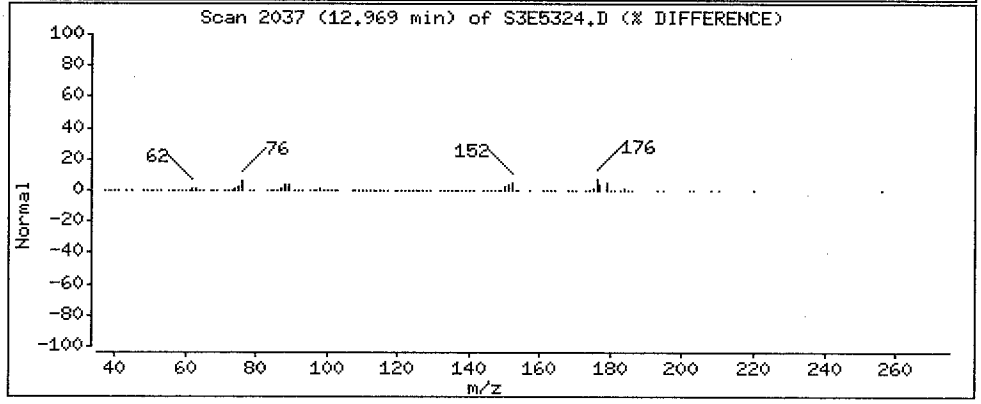












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

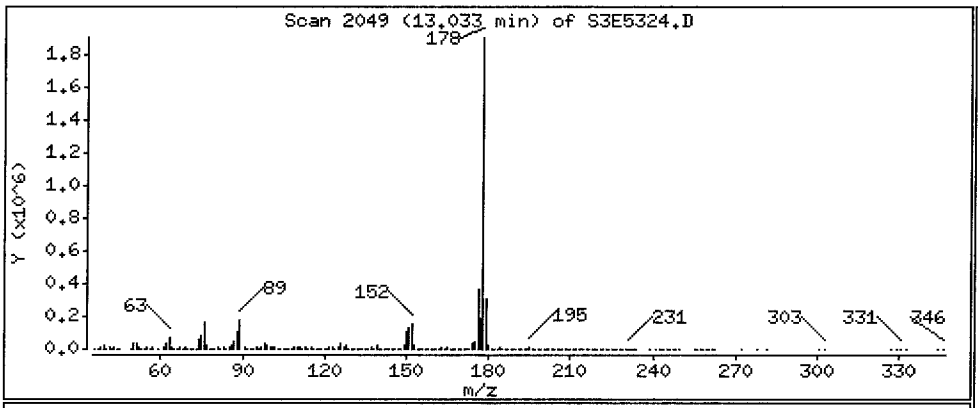
Operator: CLM SRC: LIMS

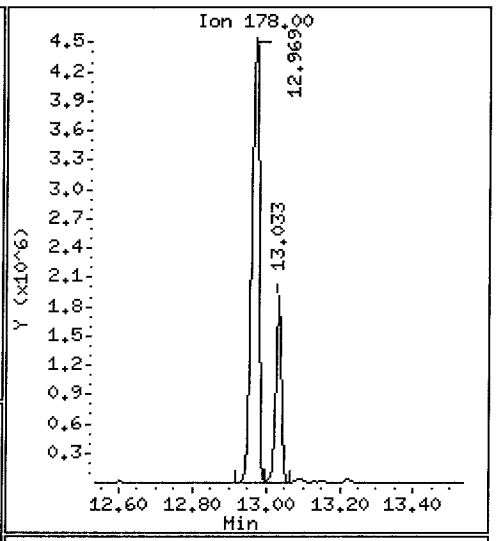
Column phase: DB-5MS

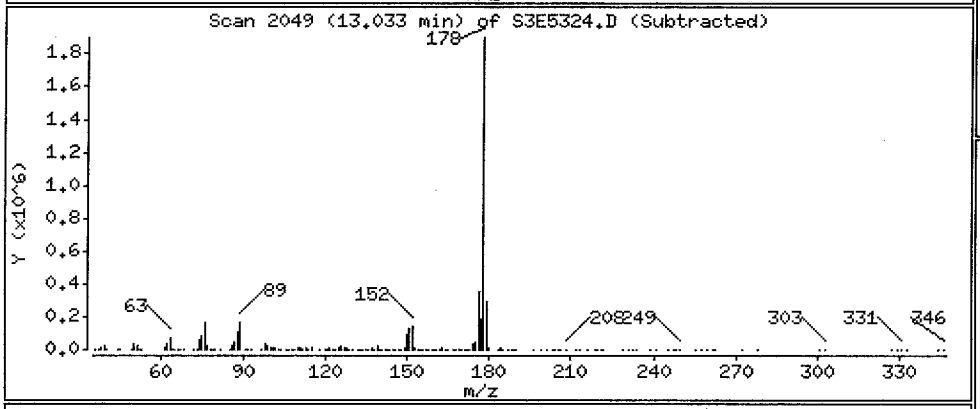
Column diameter: 0.25

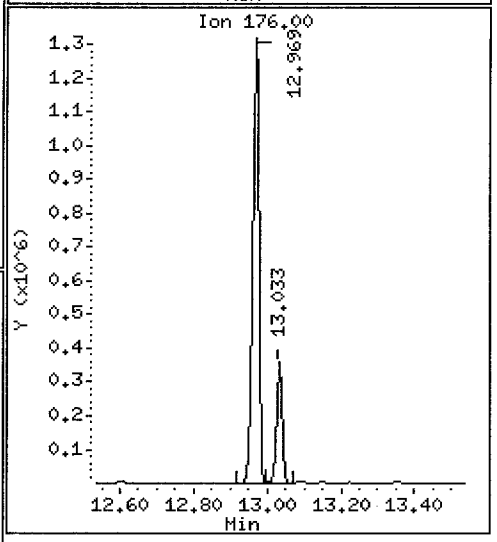
60 Anthracene

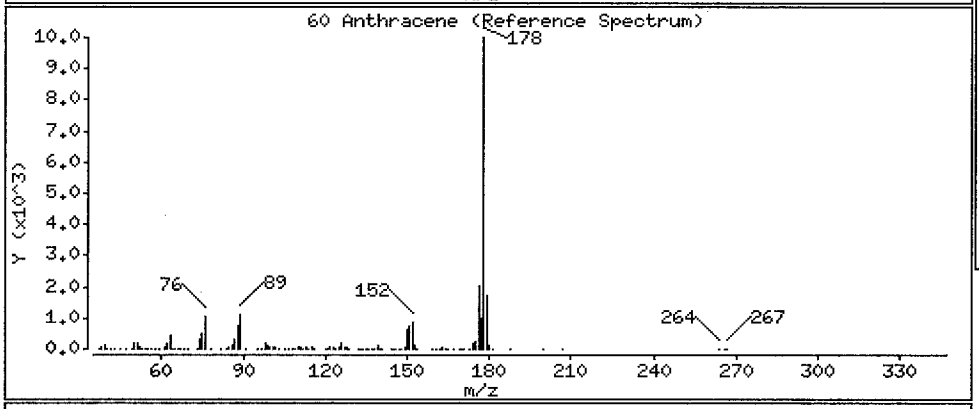
Concentration: 580 ug/Kg

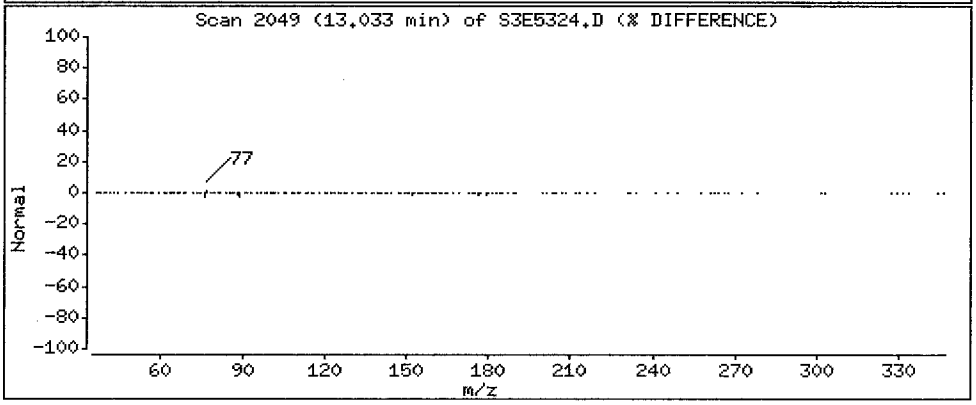












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

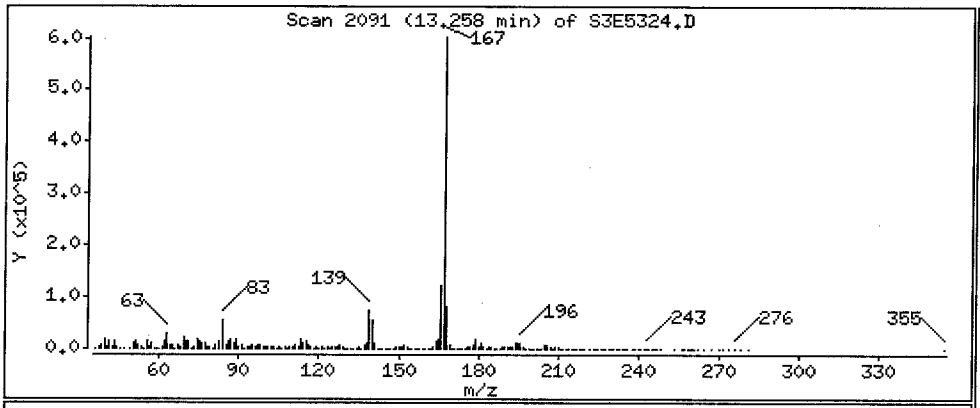
Operator: CLM SRC: LIMS

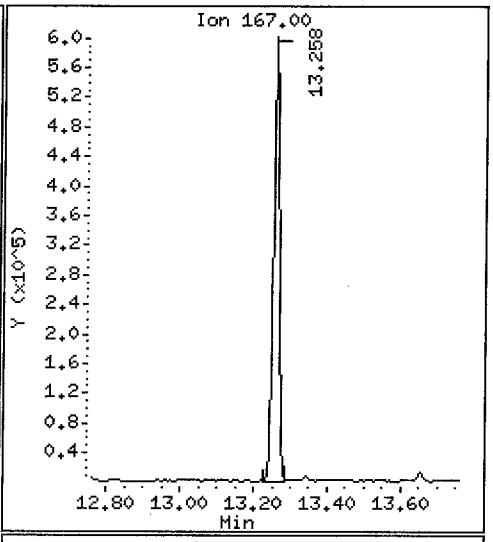
Column phase: DB-5MS

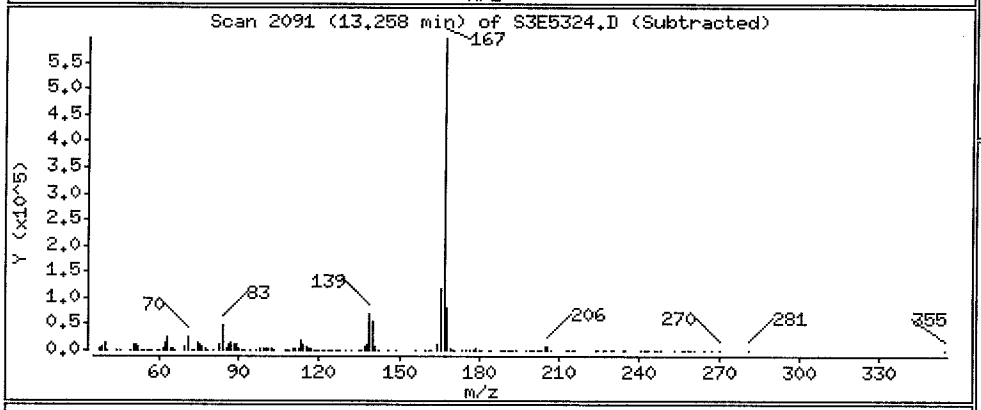
Column diameter: 0.25

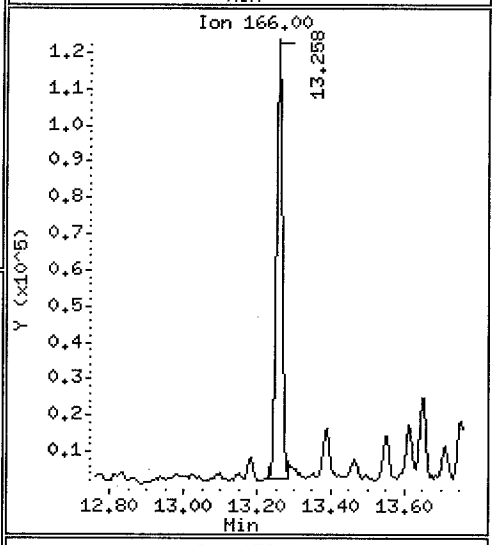
61 Carbazole

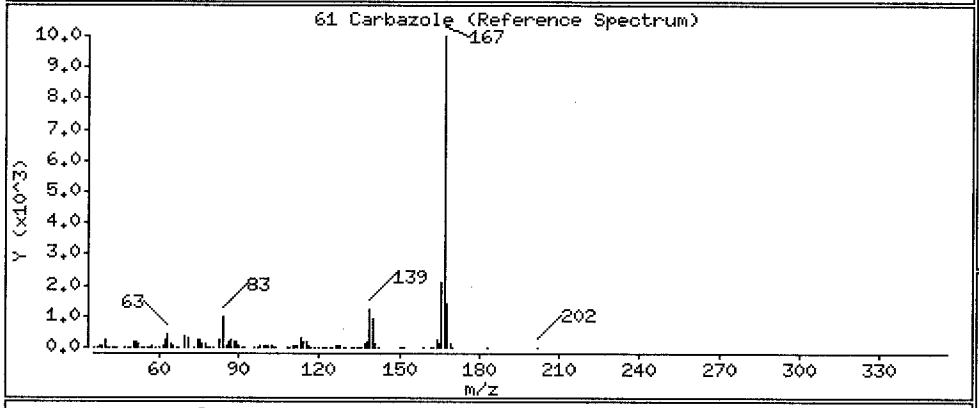
Concentration: 240 ug/Kg

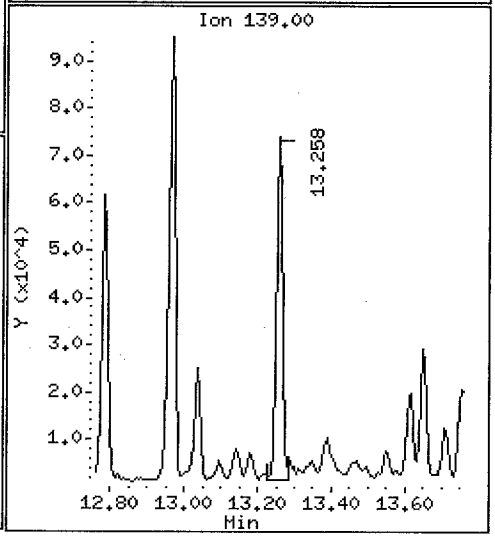


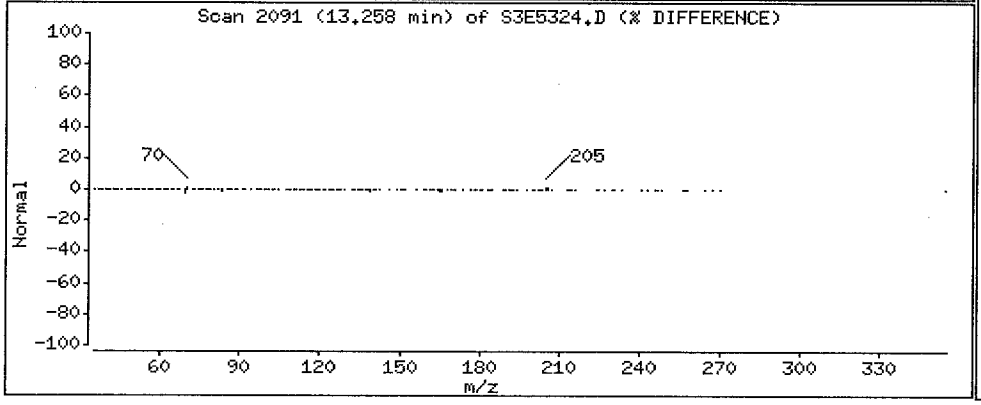












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

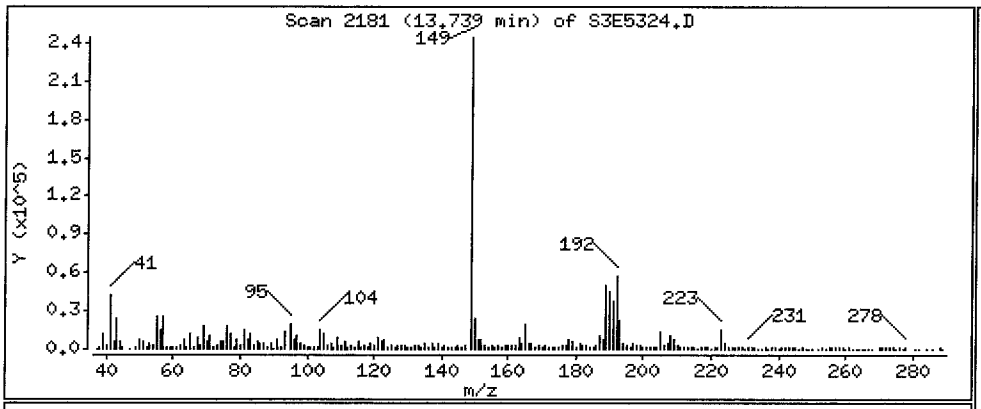
Operator: CLM SRC: LIMS

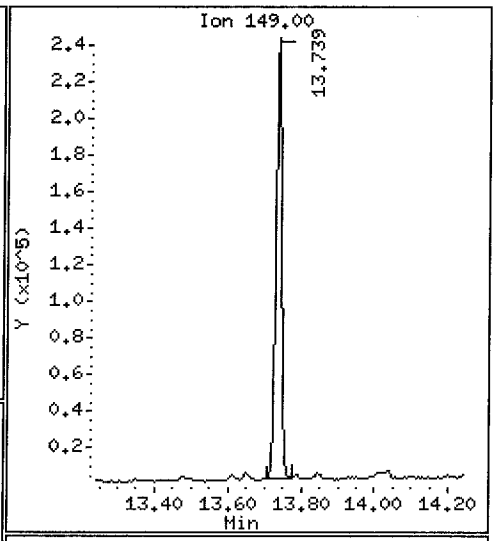
Column phase: DB-5MS

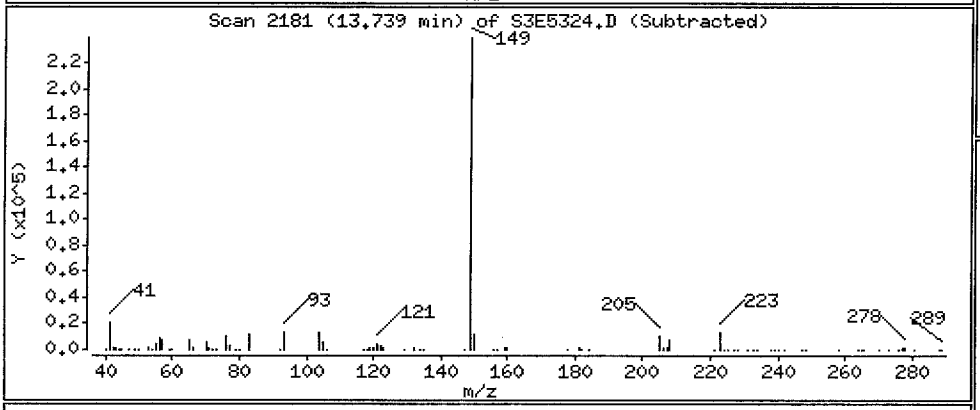
Column diameter: 0.25

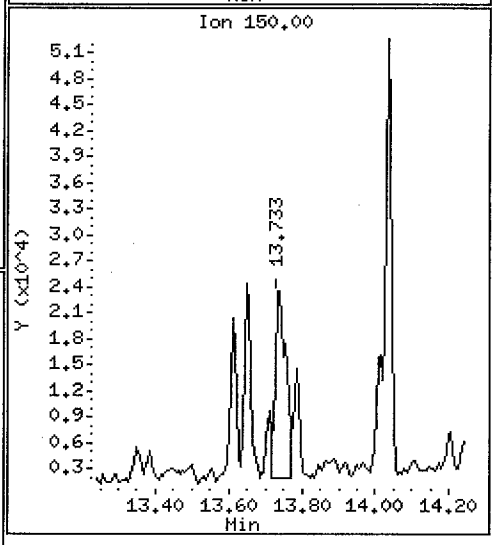
62 Di-n-butylphthalate

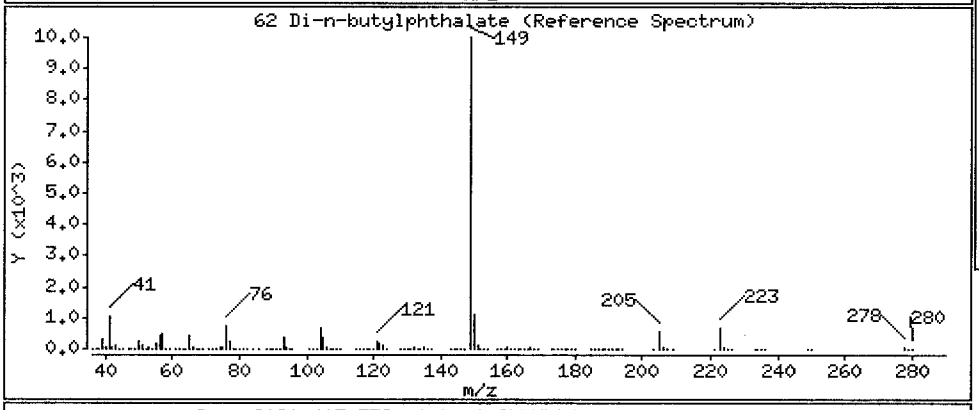
Concentration: 77 ug/Kg

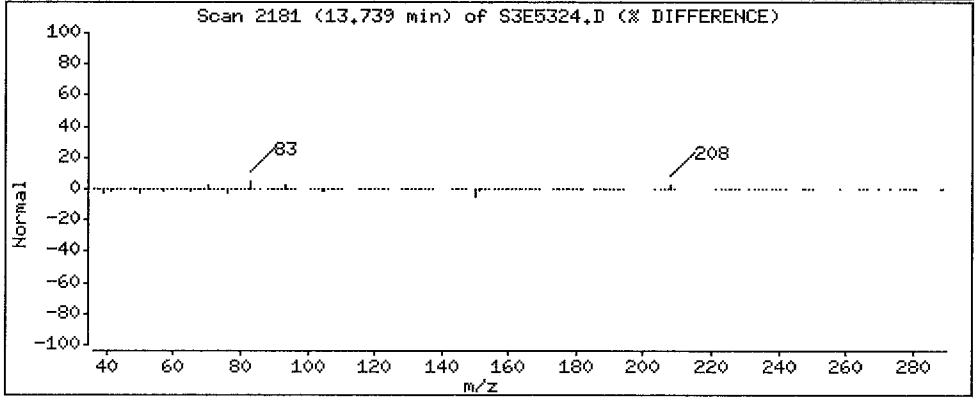












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

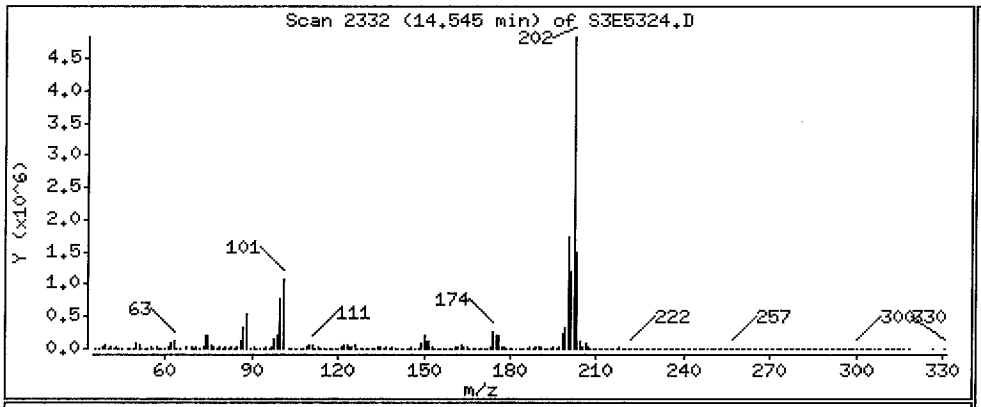
Operator: CLM SRC: LIMS

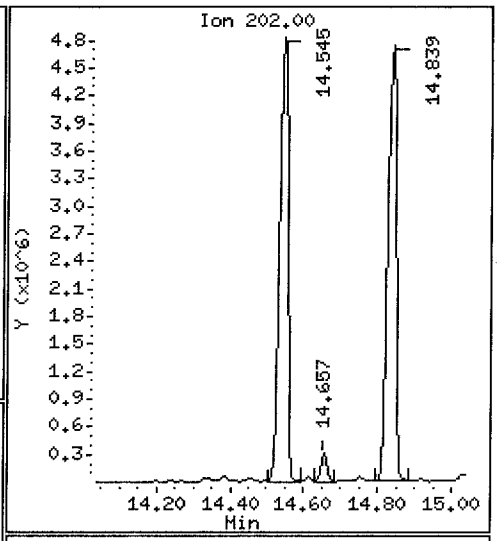
Column phase: DB-5MS

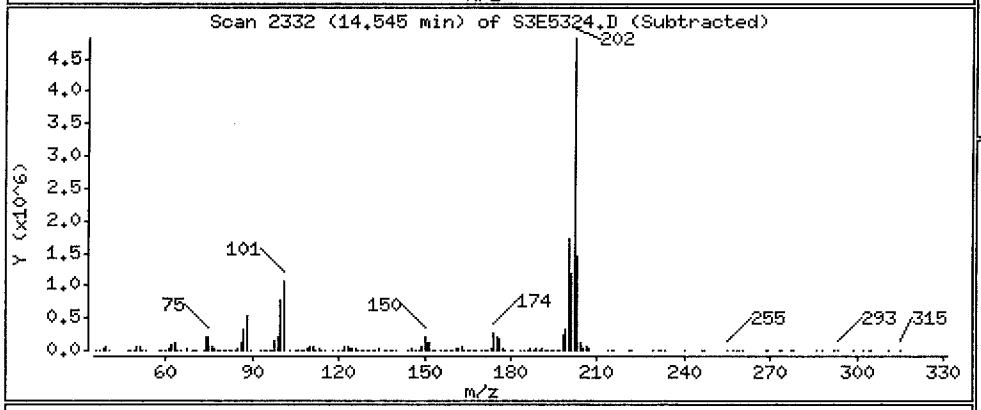
Column diameter: 0.25

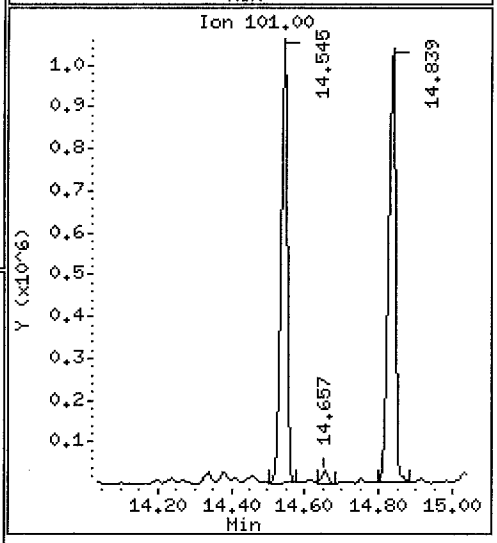
63 Fluoranthene

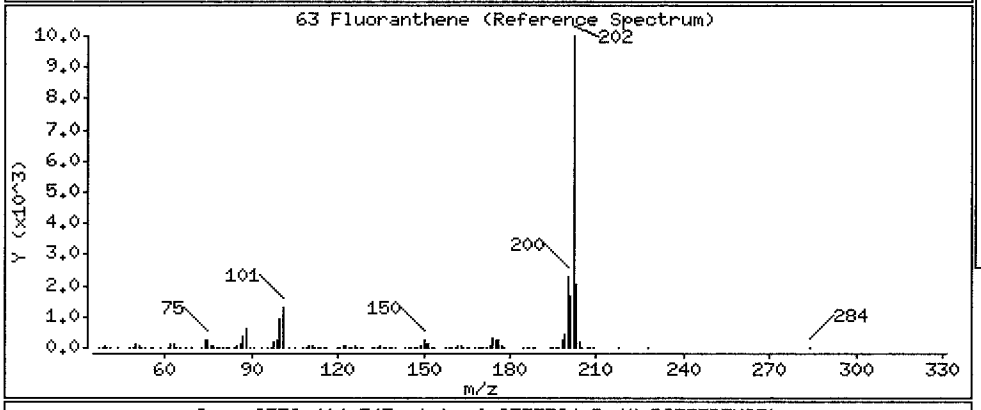
Concentration: 2100 ug/Kg

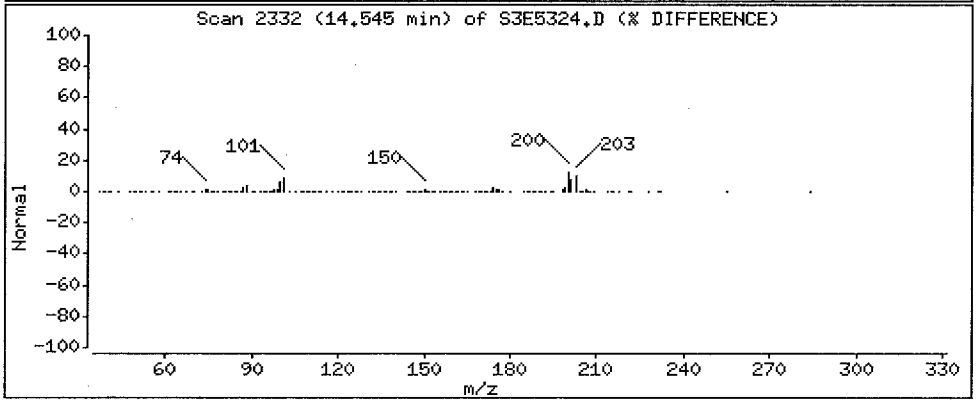












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

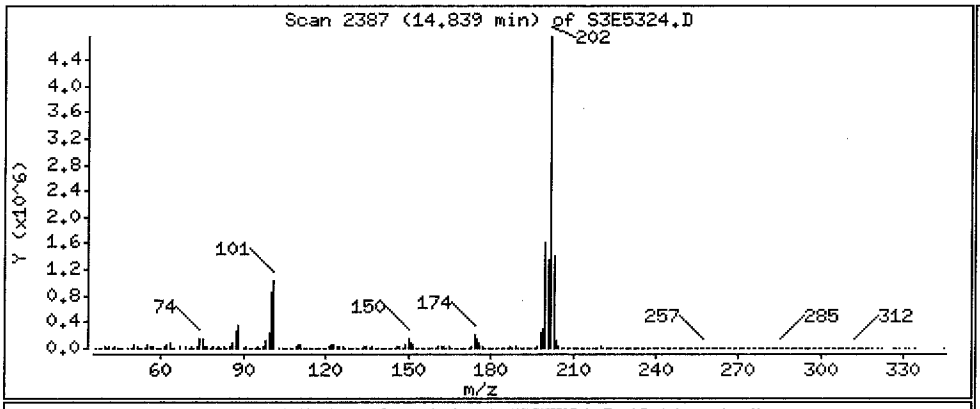
Operator: CLM SRC: LIMS

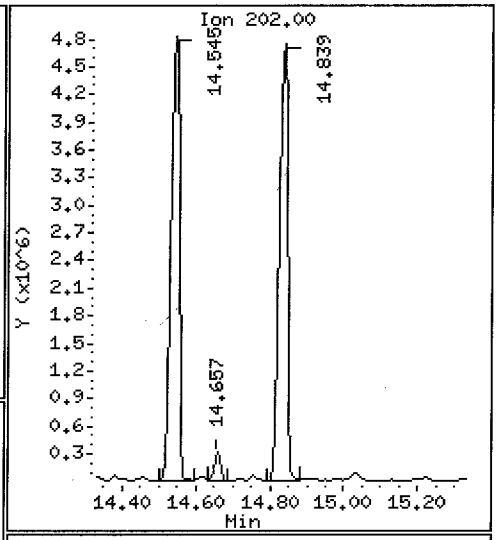
Column phase: DB-5MS

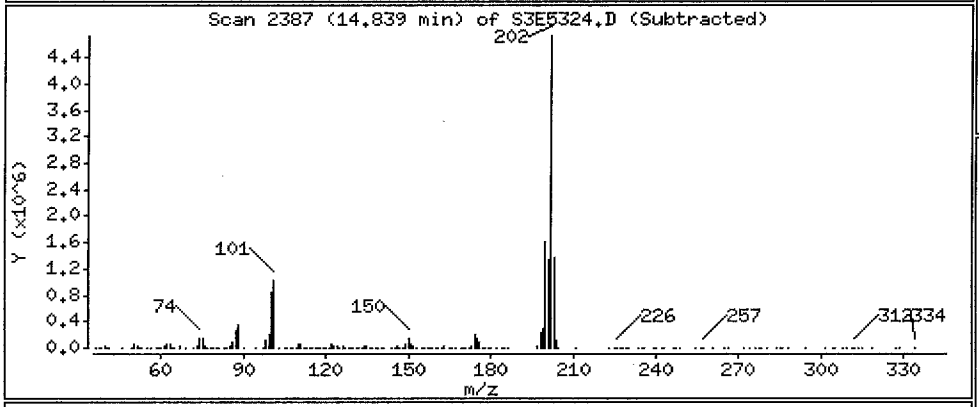
Column diameter: 0.25

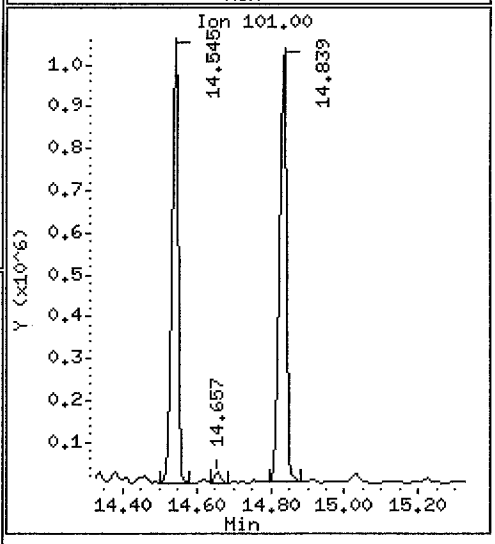
64 Pyrene

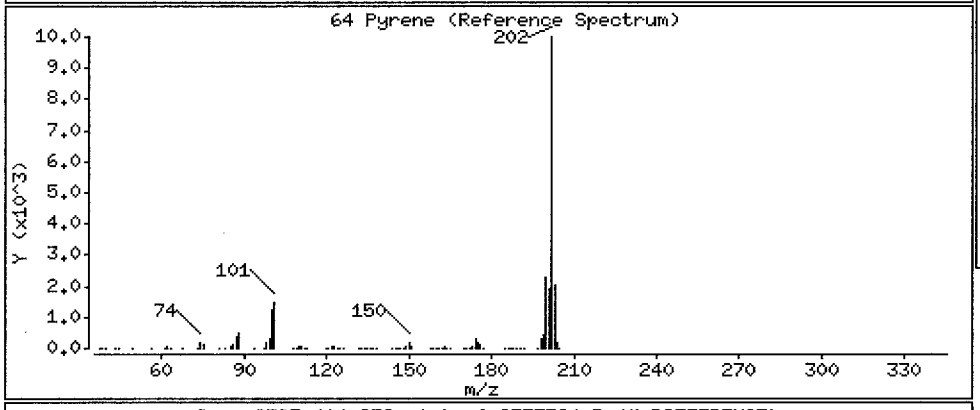
Concentration: 1900 ug/Kg

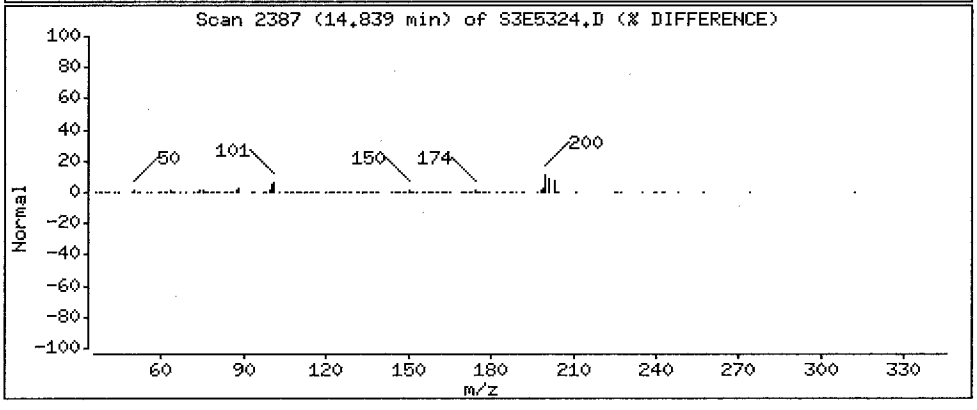












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

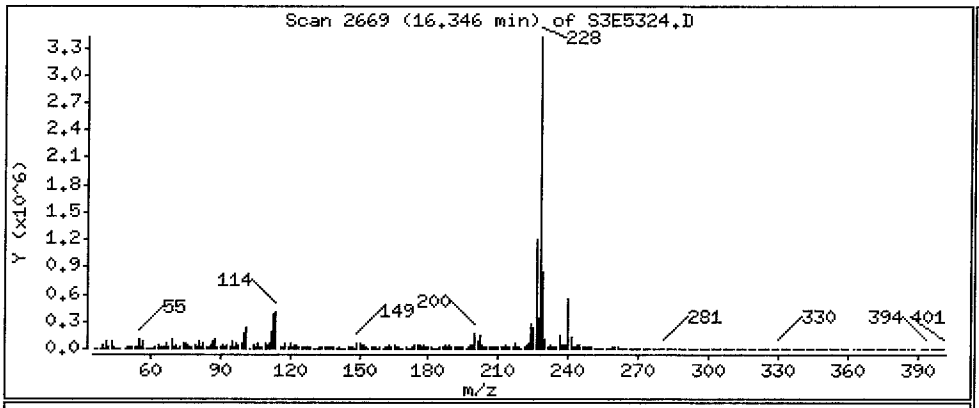
Operator: CLM SRC: LIMS

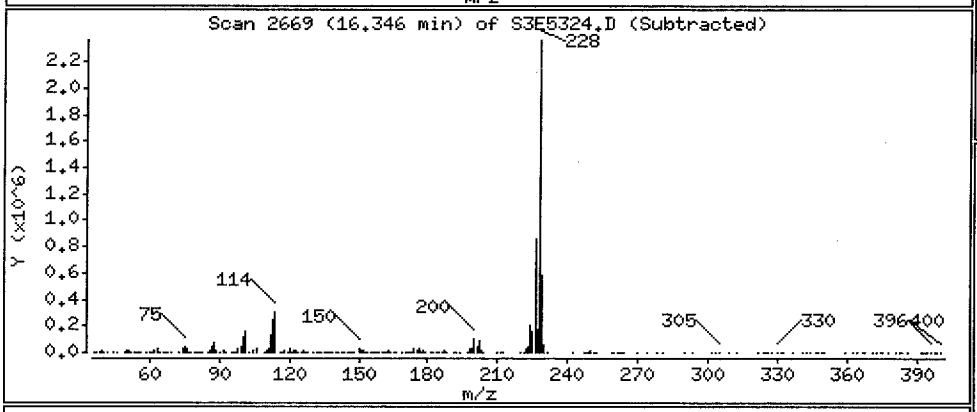
Column phase: DB-5MS

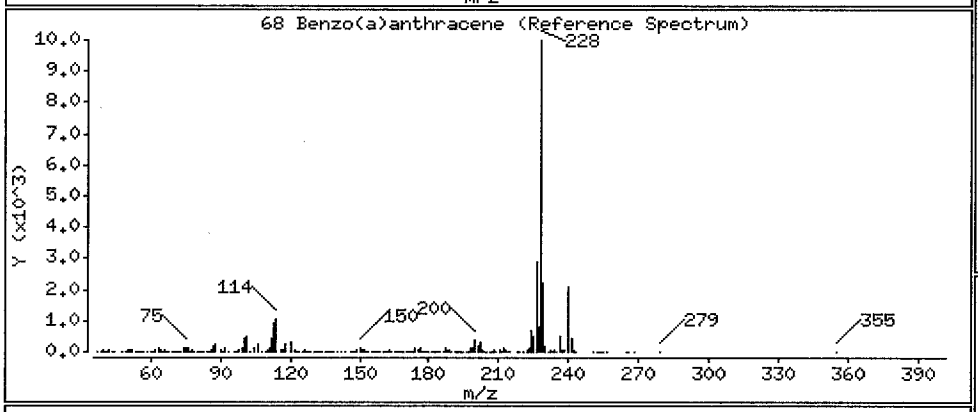
Column diameter: 0.25

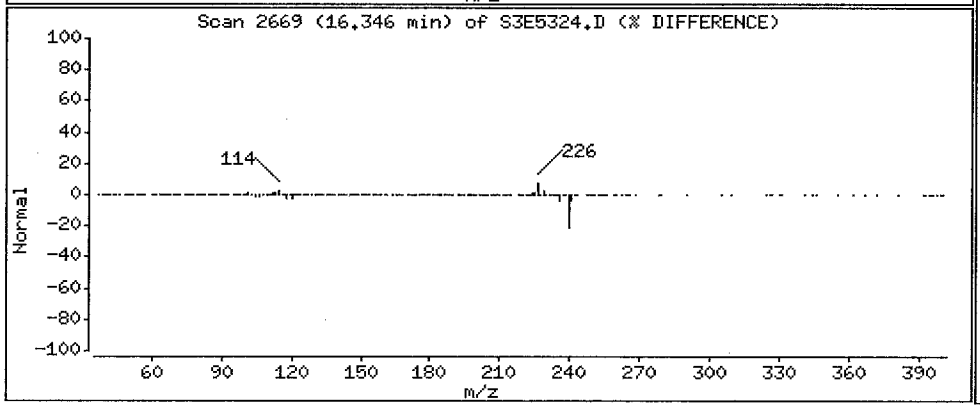
68 Benzo(a)anthracene

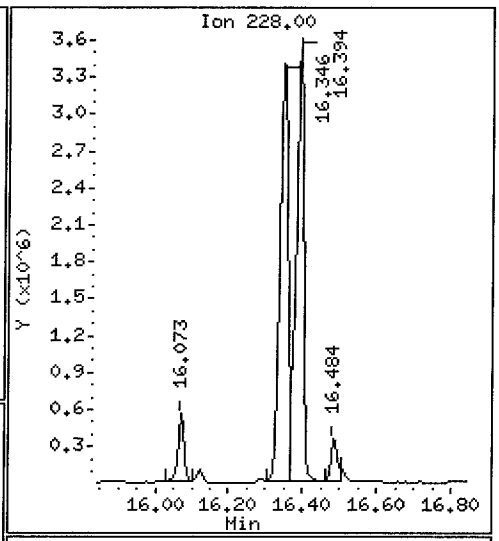
Concentration: 1300 ug/Kg

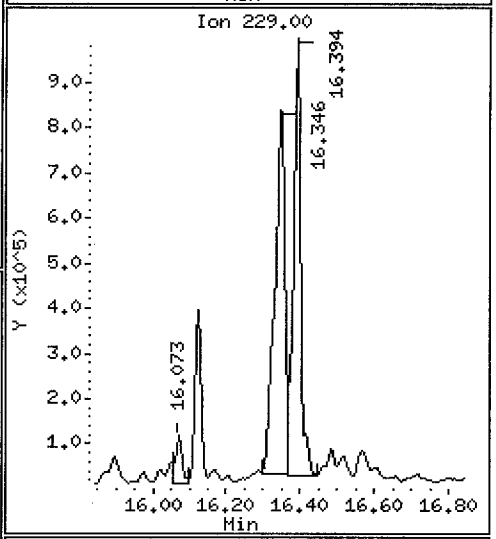


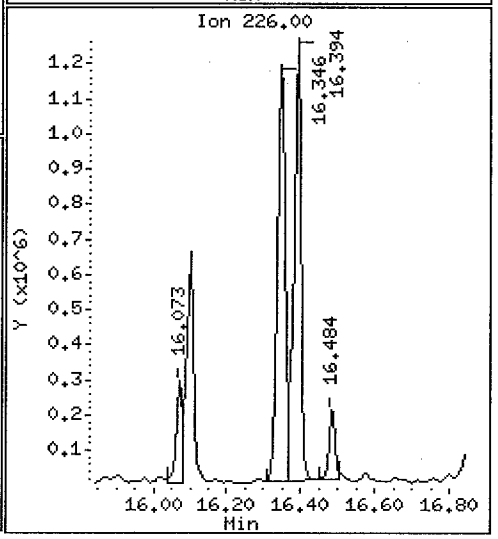












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

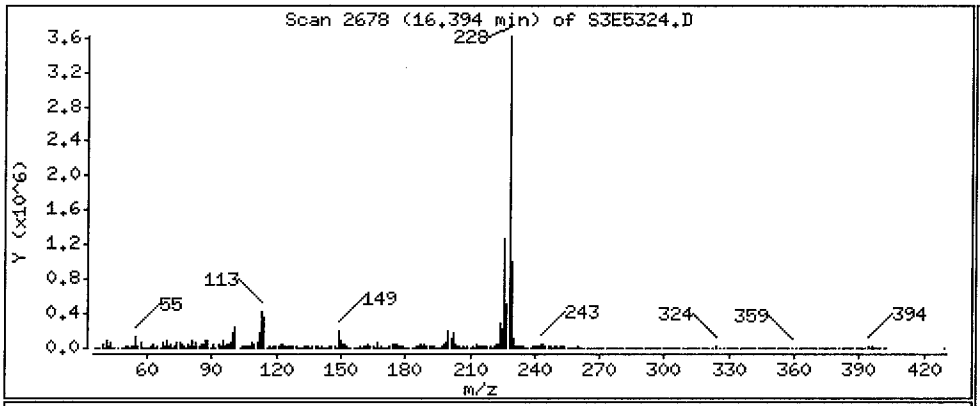
Operator: CLM SRC: LIMS

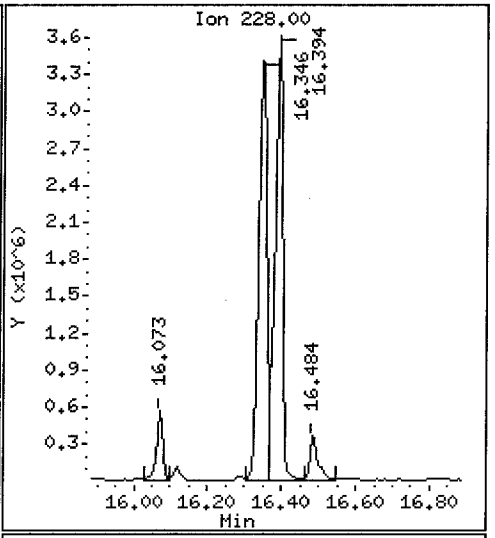
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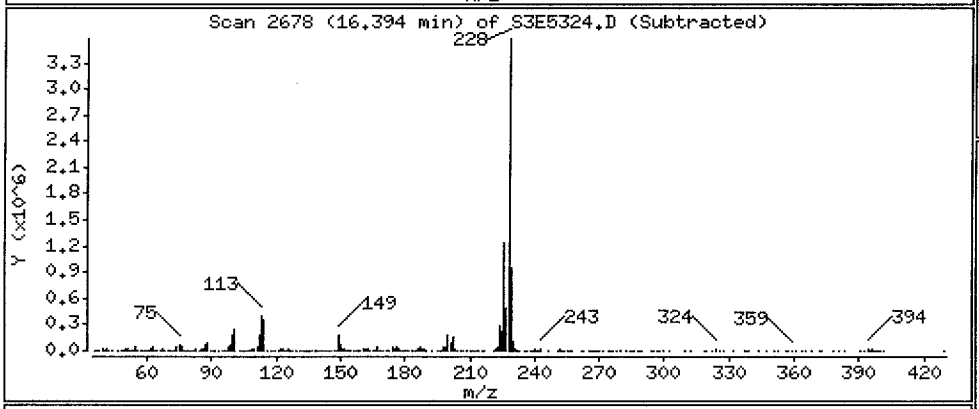
Column diameter: 0.25

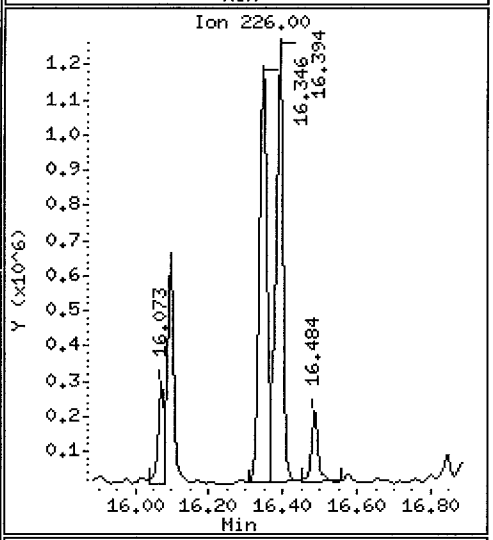
70 Chrysene

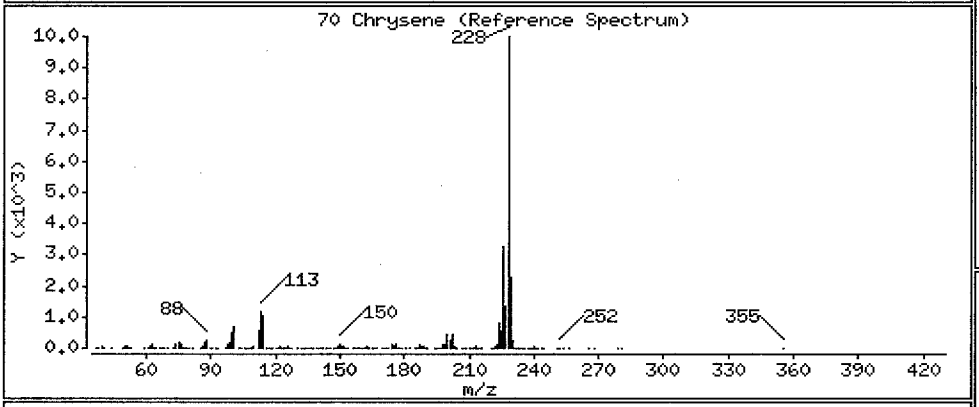
Concentration: 1400 ug/Kg

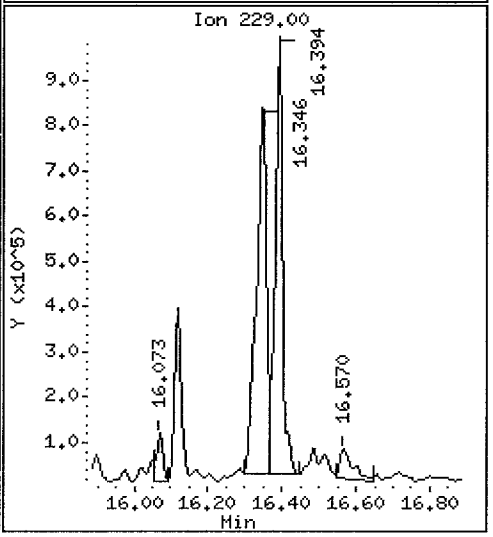


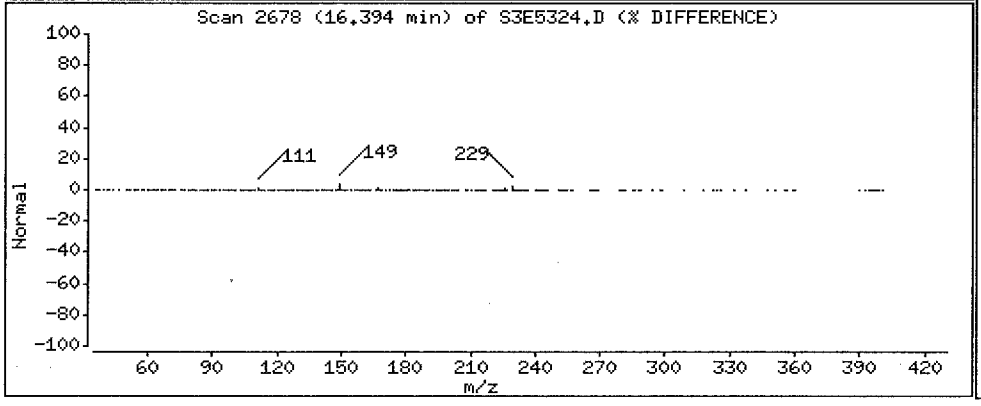












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

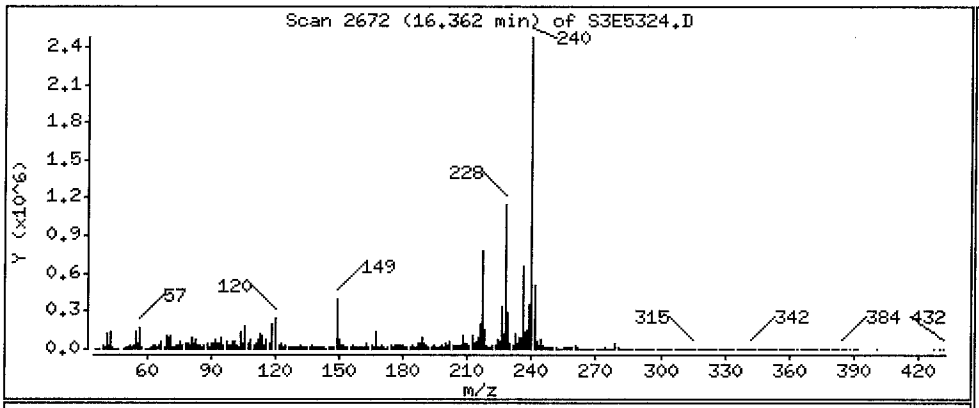
Operator: CLM SRC: LIMS

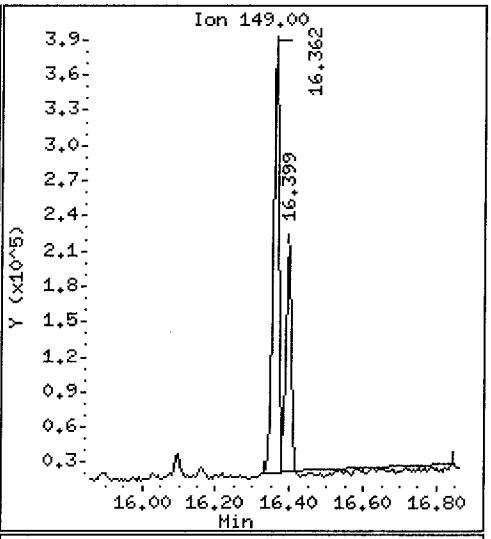
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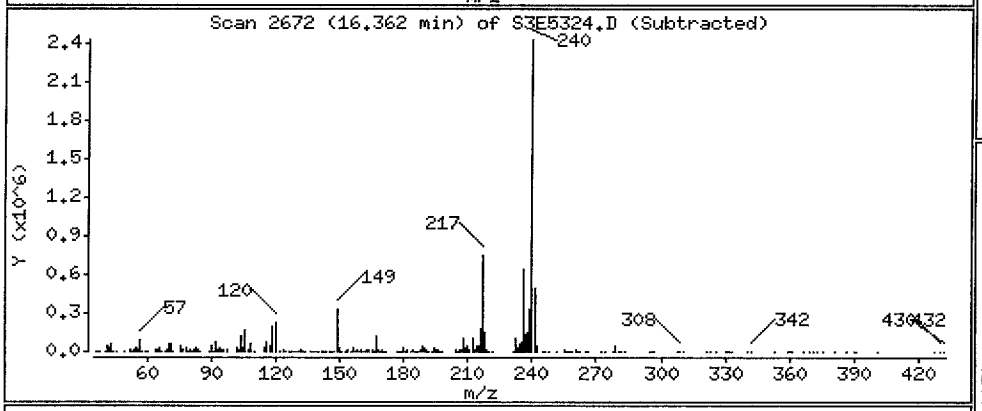
Column diameter: 0.25

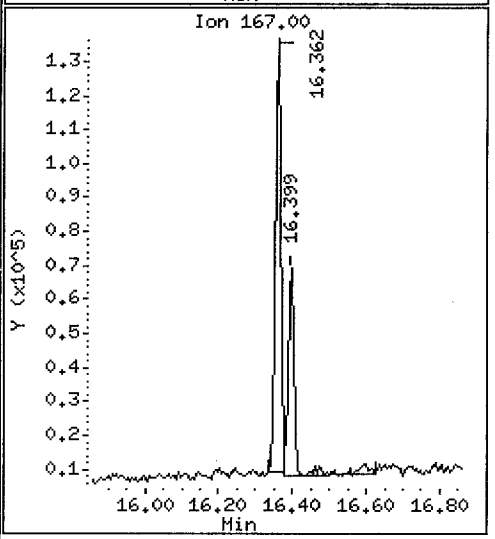
71 bis(2-Ethylhexyl)phthalate

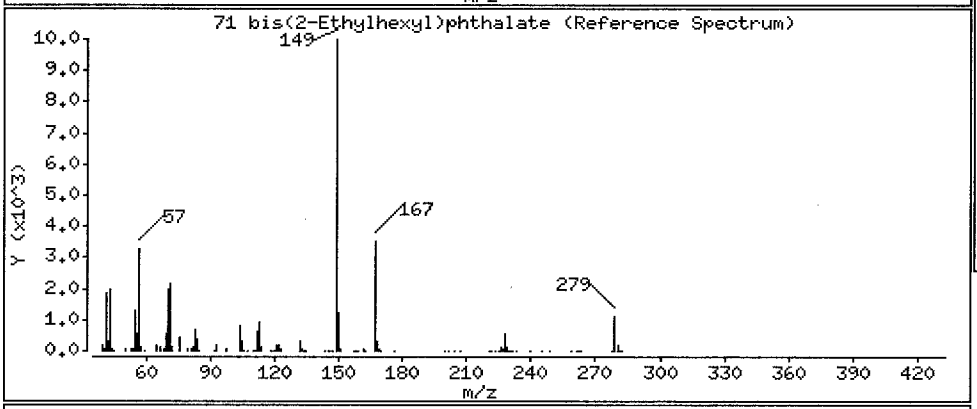
Concentration: 170 ug/Kg

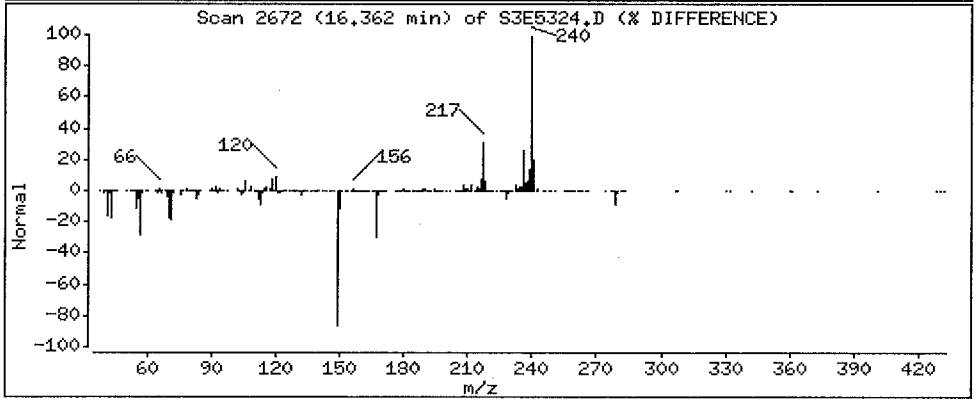












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

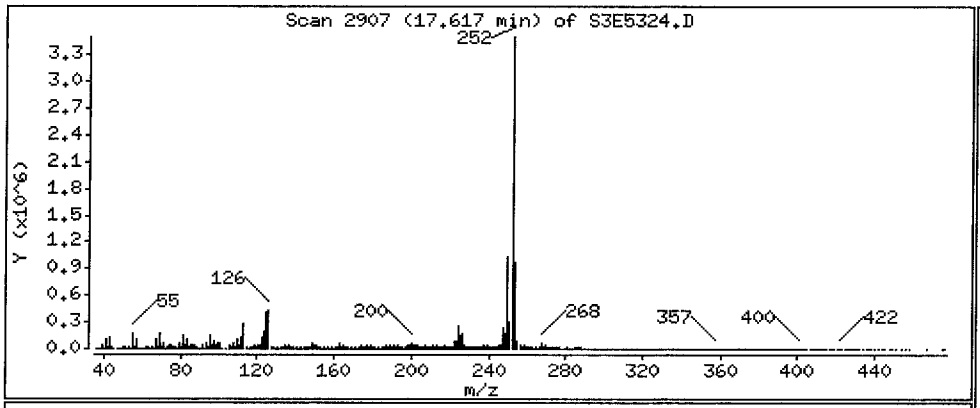
Operator: CLM SRC: LIMS

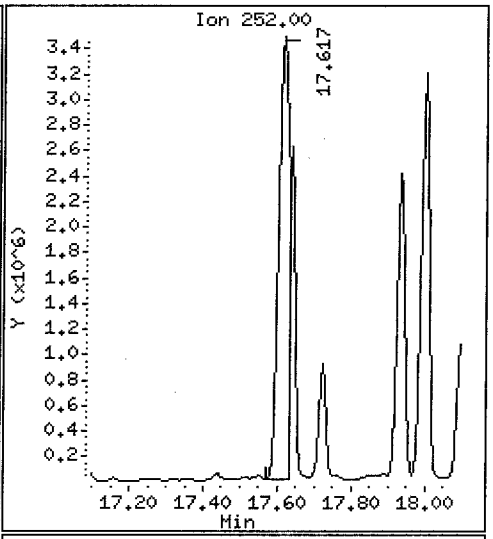
Column phase: DB-5MS

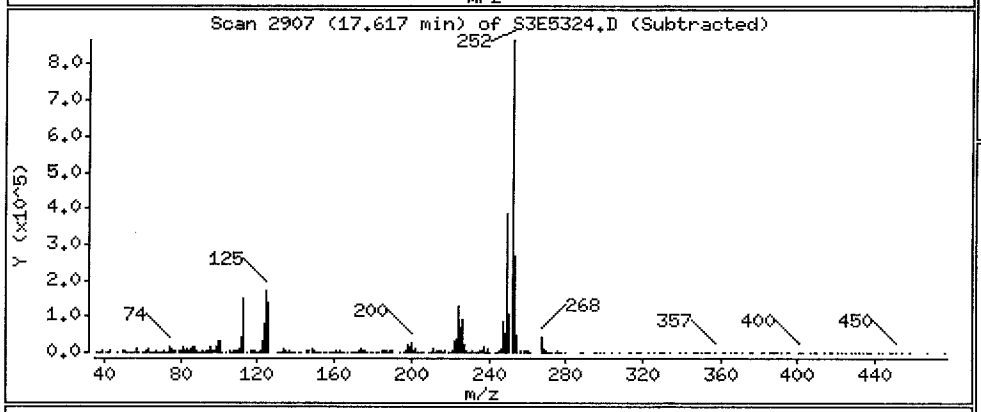
Column diameter: 0.25

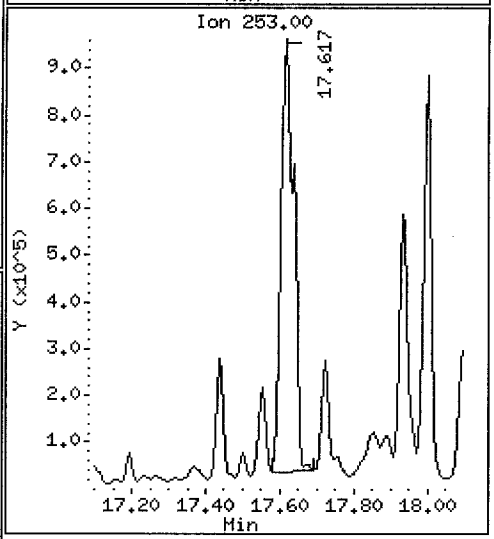
73 Benzo(b)fluoranthene

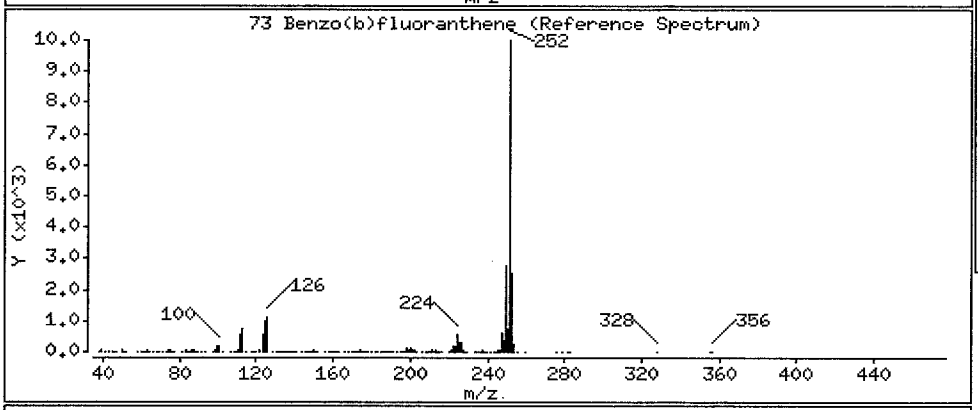
Concentration: 1500 ug/Kg

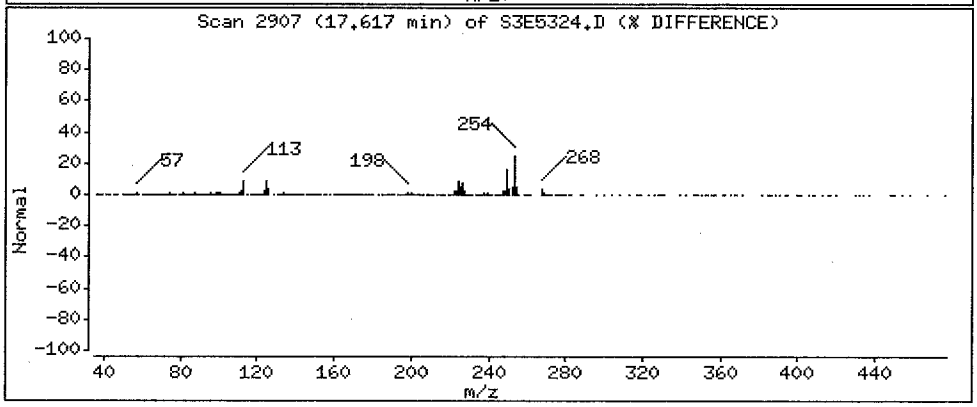












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

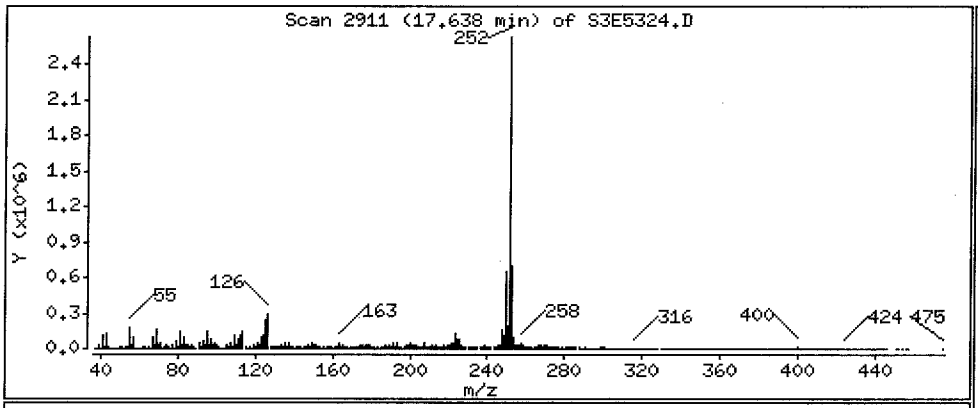
Operator: CLM SRC: LIMS

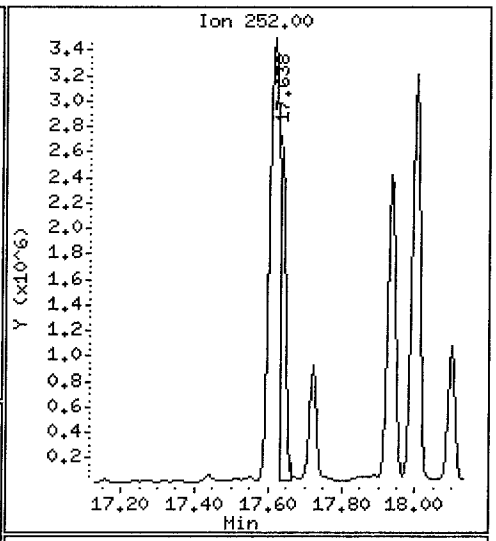
Column phase: DB-5MS

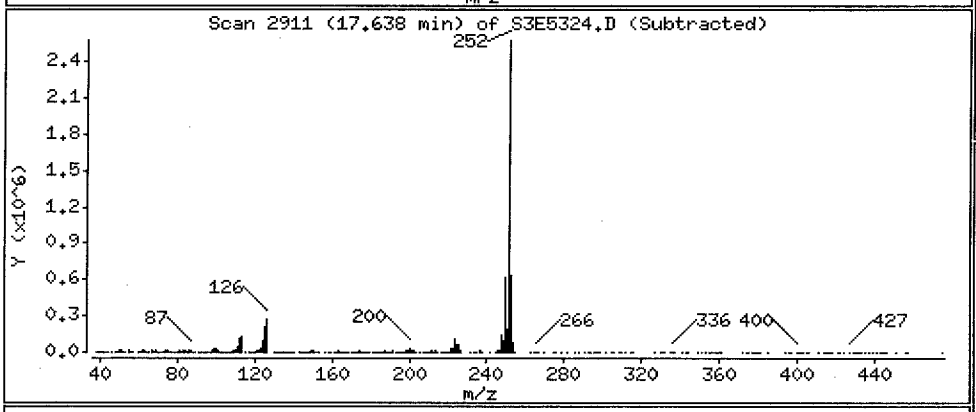
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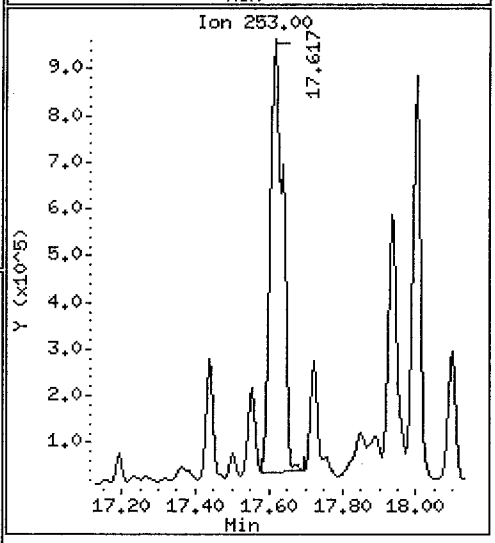
74 Benzo(k)fluoranthene

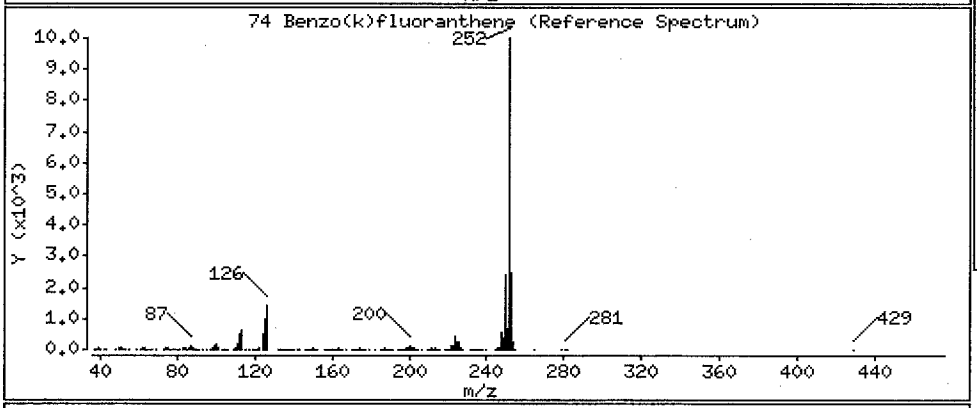
Concentration: 570 ug/Kg

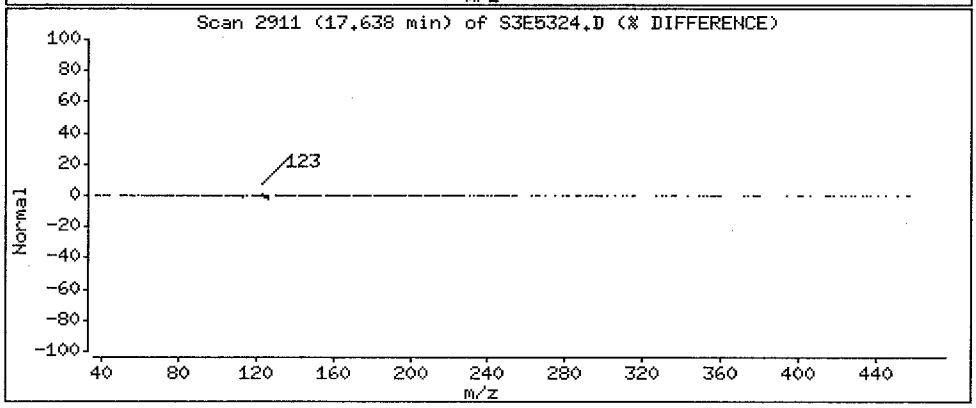












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

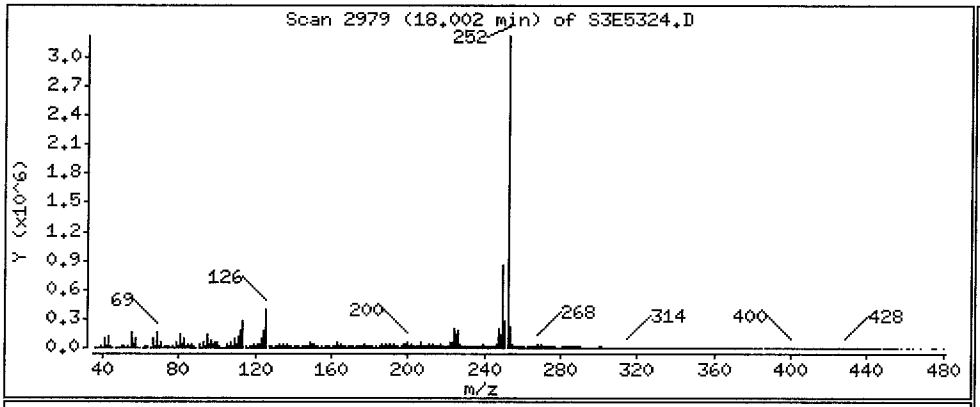
Operator: CLM SRC: LIMS

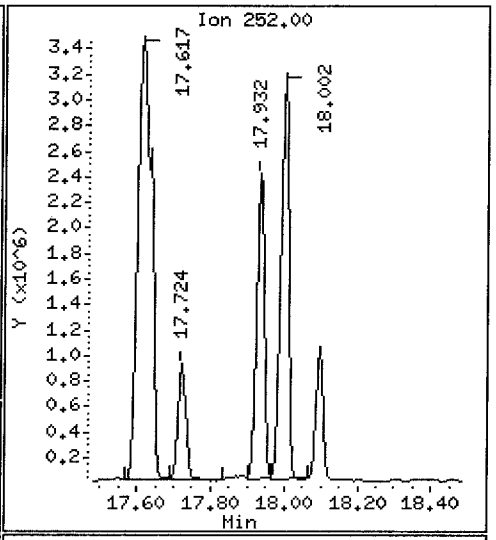
Column phase: DB-5MS

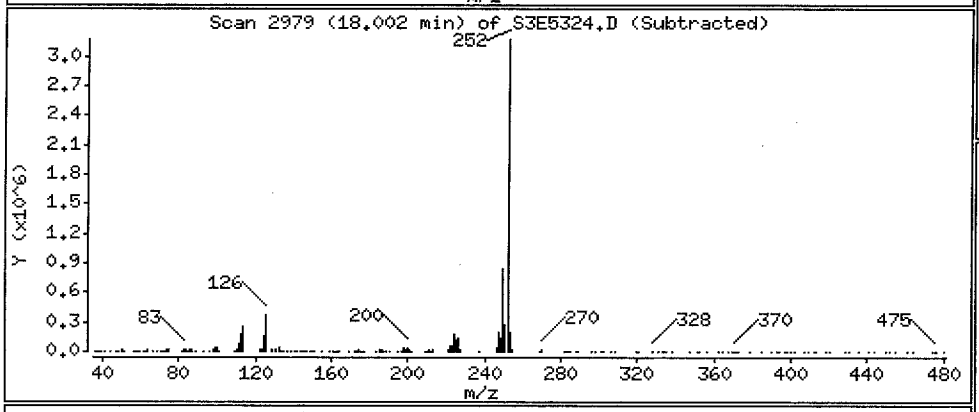
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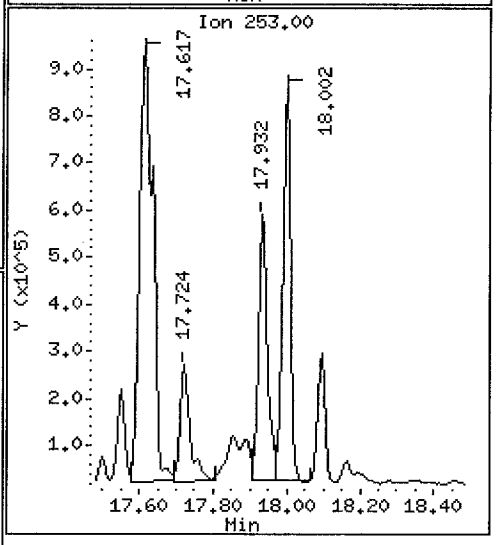
75 Benzo(a)pyrene

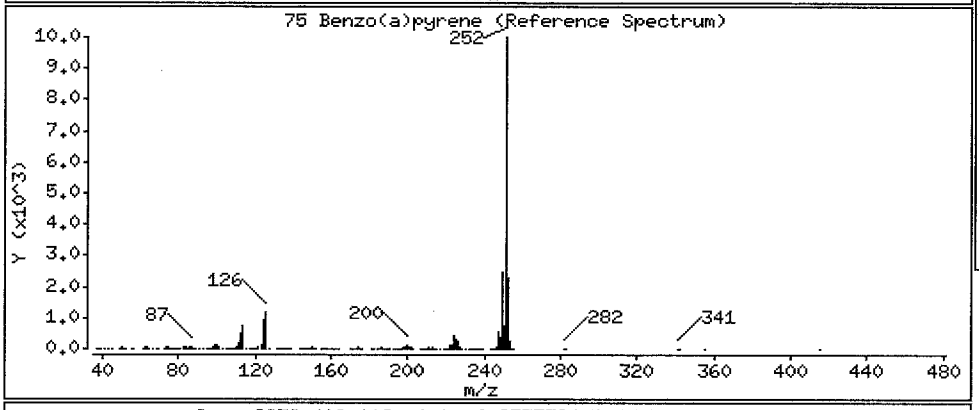
Concentration: 1100 ug/Kg

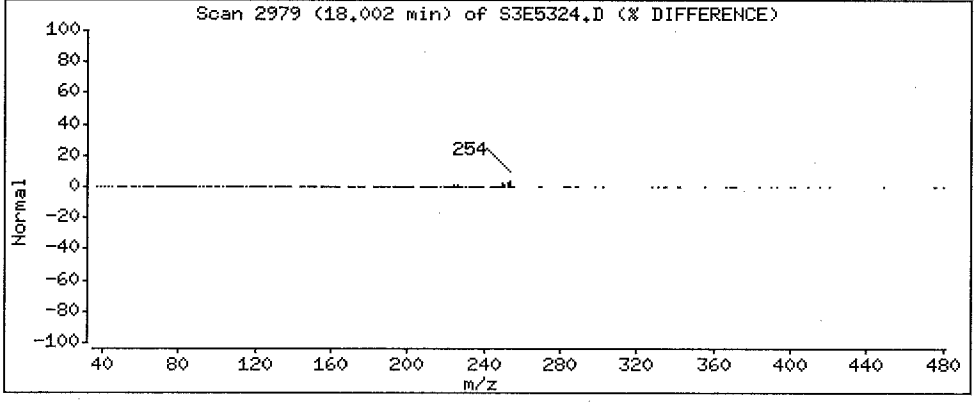












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

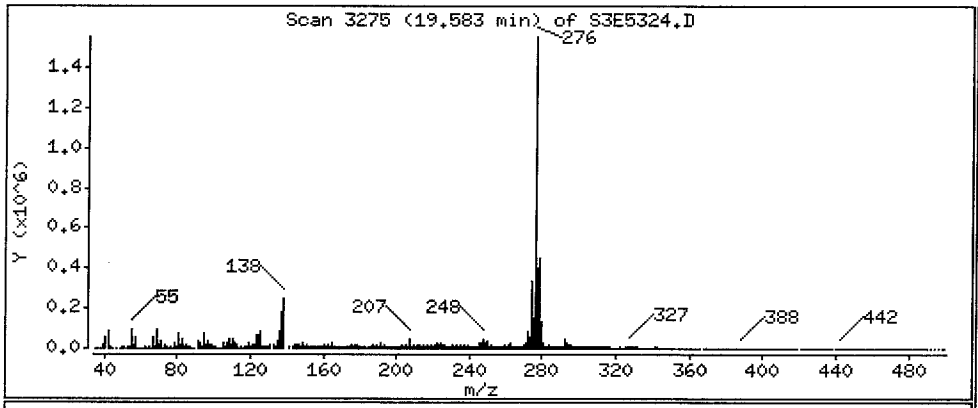
Operator: CLM SRC: LIMS

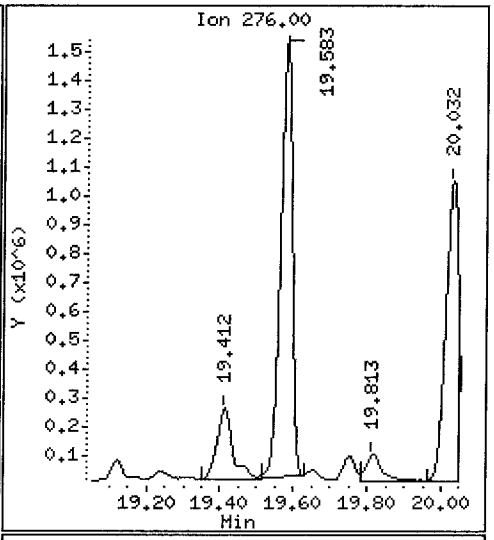
Column phase: DB-5MS

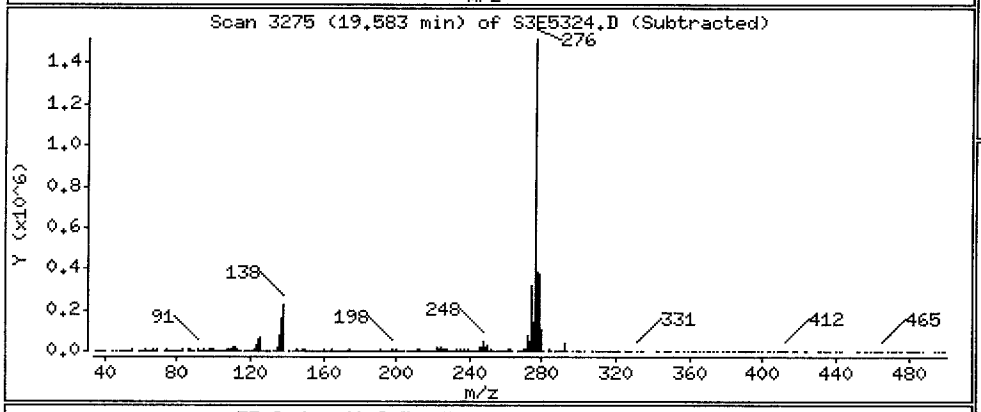
Column diameter: 0.25

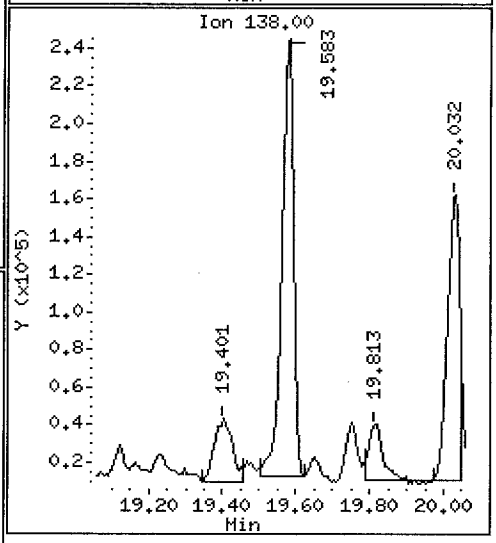
77 Indeno(1,2,3-cd)pyrene

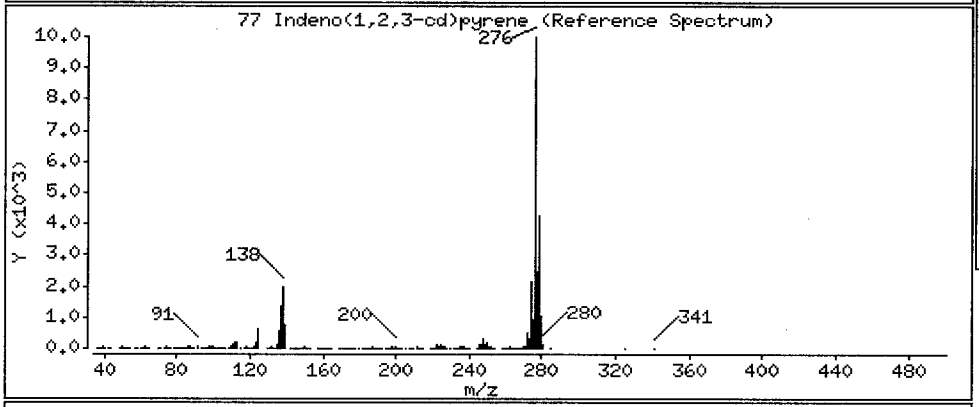
Concentration: 630 ug/Kg

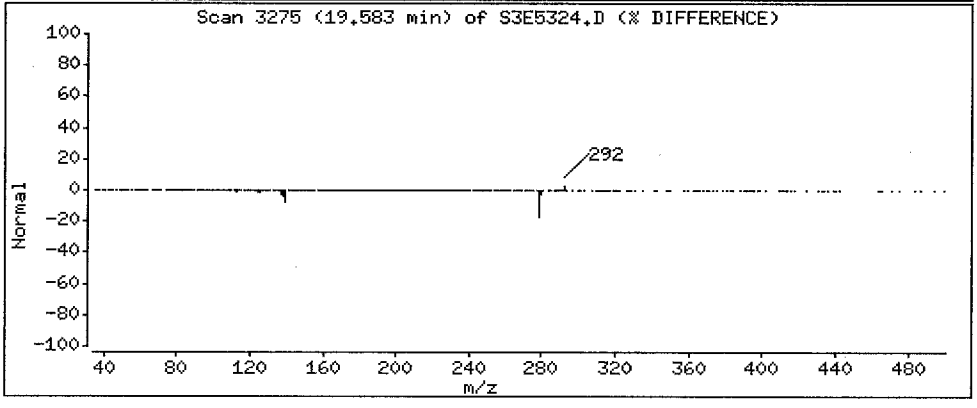












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

Volume Injected (uL): 2.0

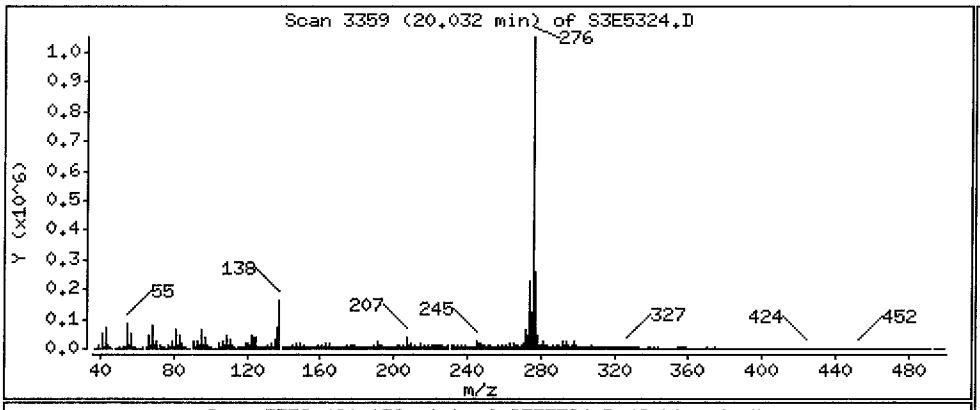
Operator: CLM SRC: LIMS

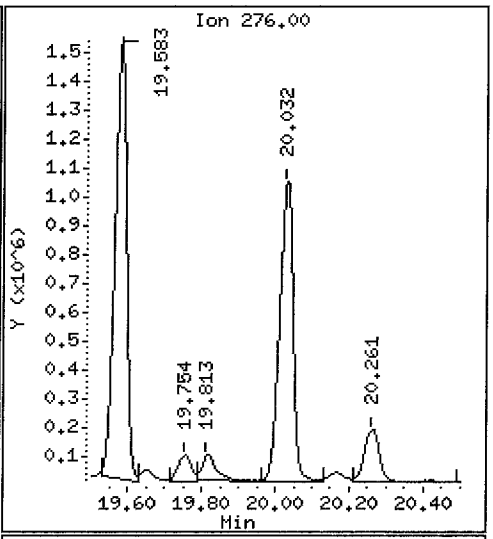
Column phase: DB-5MS

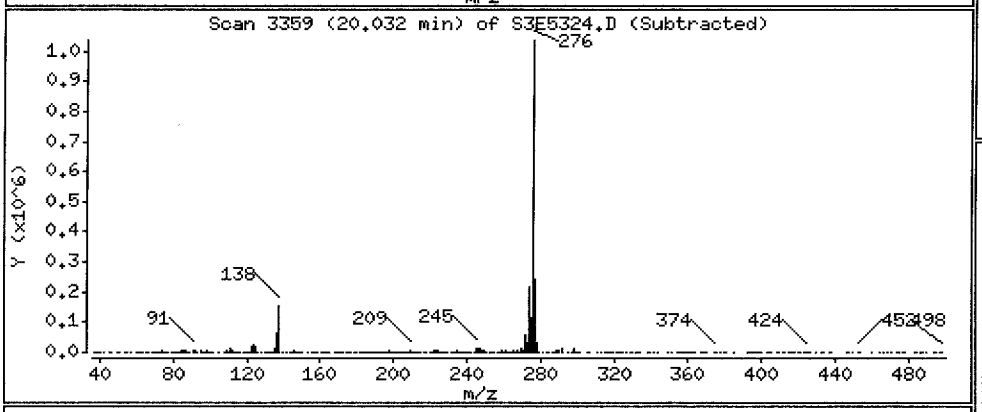
Column diameter: 0.25

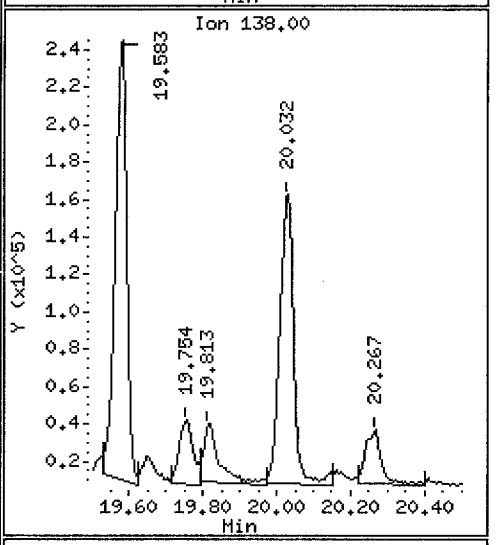
79 Benzo(g,h,i)perylene

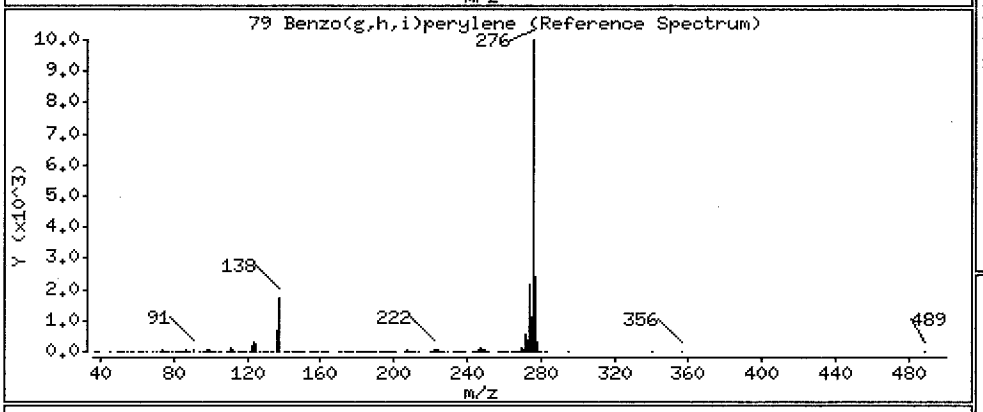
Concentration: 580 ug/Kg

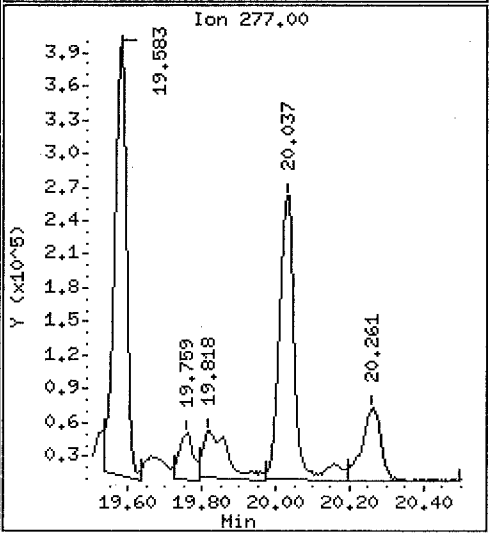


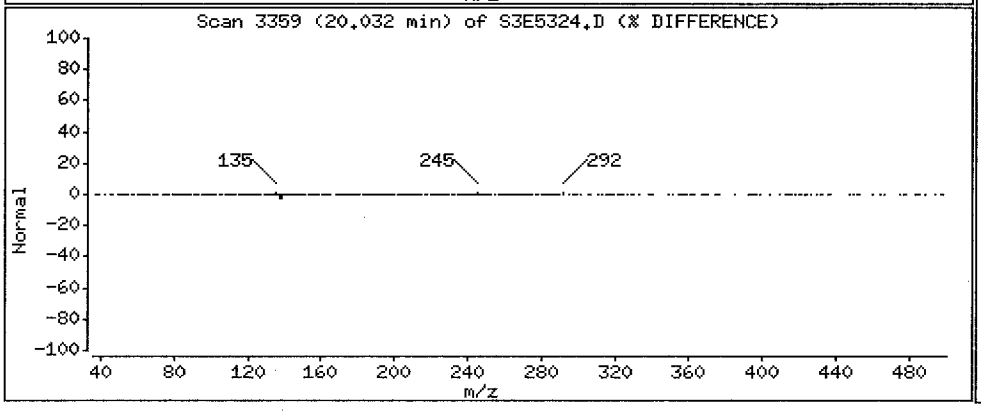












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

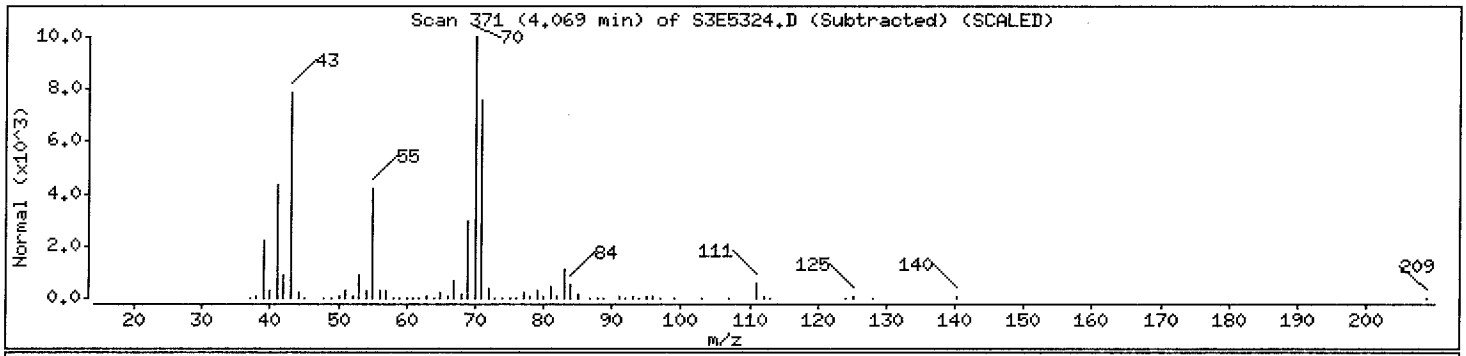
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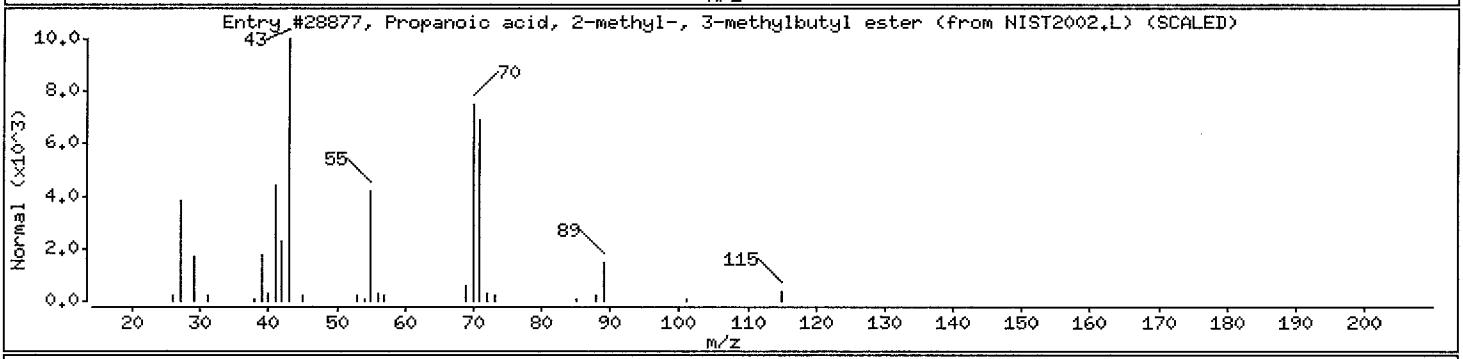
Operator: CLM SRC: LIMS

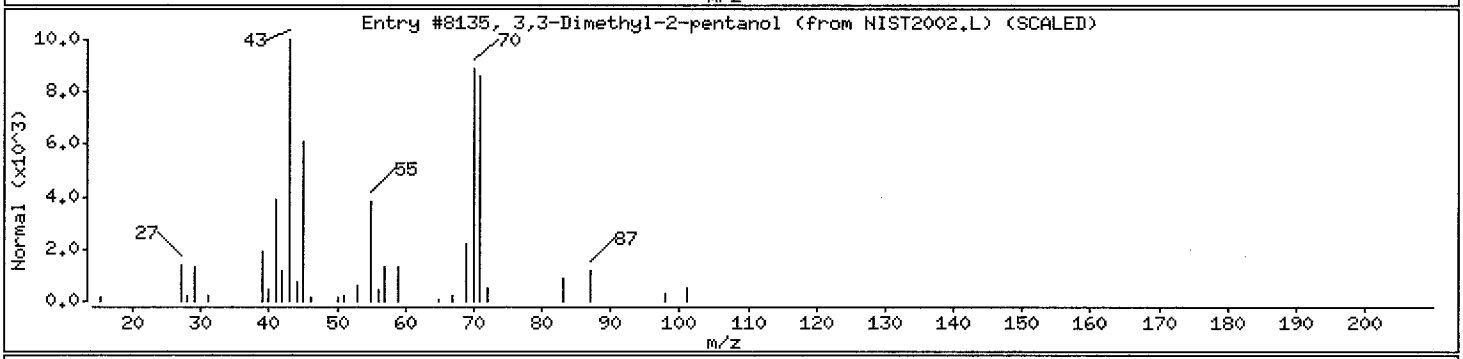
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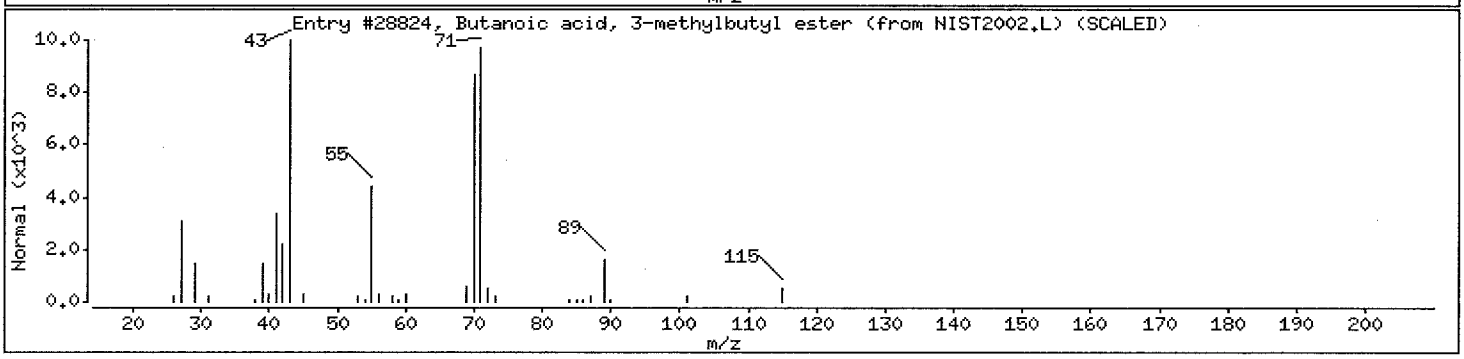
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Propanoic acid, 2-methyl-, 3-methylbutyl	2050-01-3	NIST2002.L	28877	72	C9H18O2	158
3,3-Dimethyl-2-pentanol	19781-24-9	NIST2002.L	8135	64	C7H16O	116
Butanoic acid, 3-methylbutyl ester	106-27-4	NIST2002.L	28824	56	C9H18O2	158









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

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Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

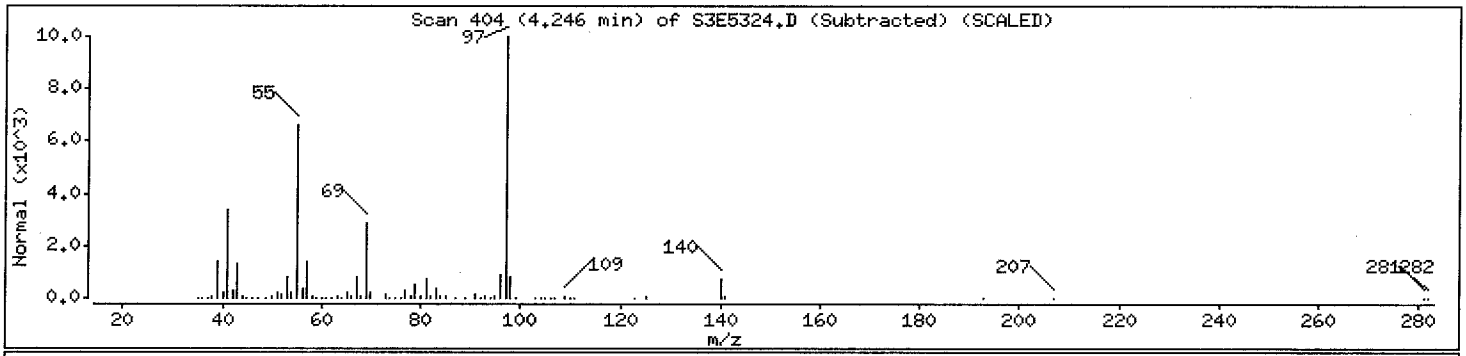
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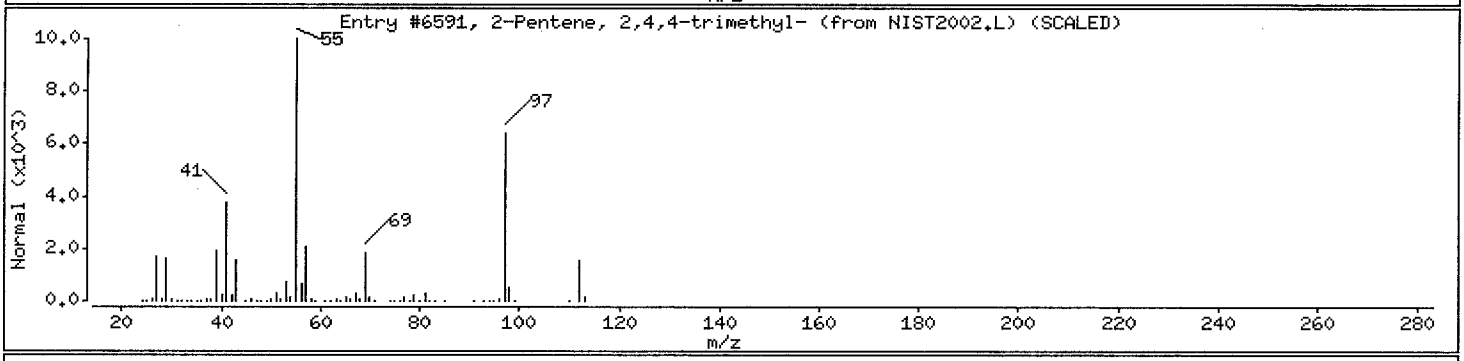
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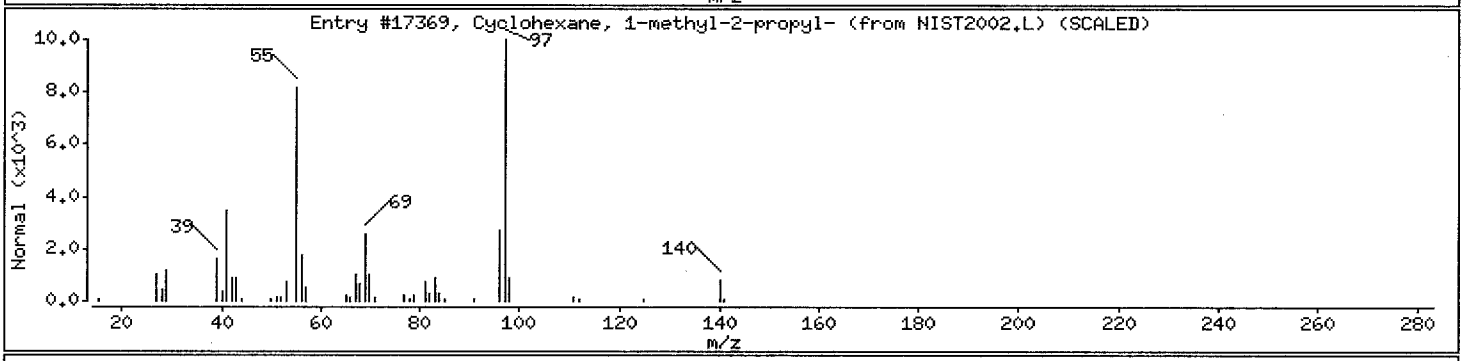
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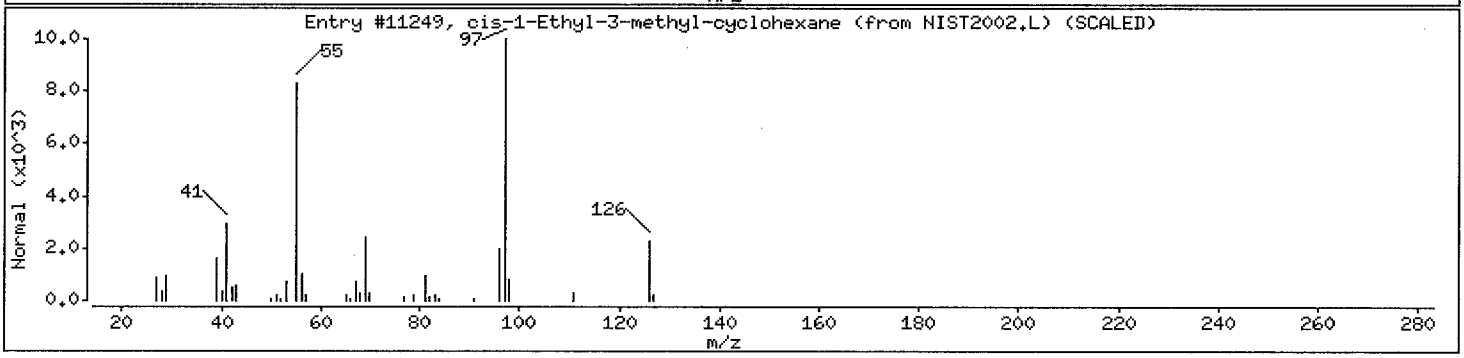
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
2-Pentene, 2,4,4-trimethyl-	107-40-4	NIST2002.L	6591	64	C8H16	112
Cyclohexane, 1-methyl-2-propyl-	4291-79-6	NIST2002.L	17369	64	C10H20	140
cis-1-Ethyl-3-methyl-cyclohexane	19489-10-2	NIST2002.L	11249	59	C9H18	126









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Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

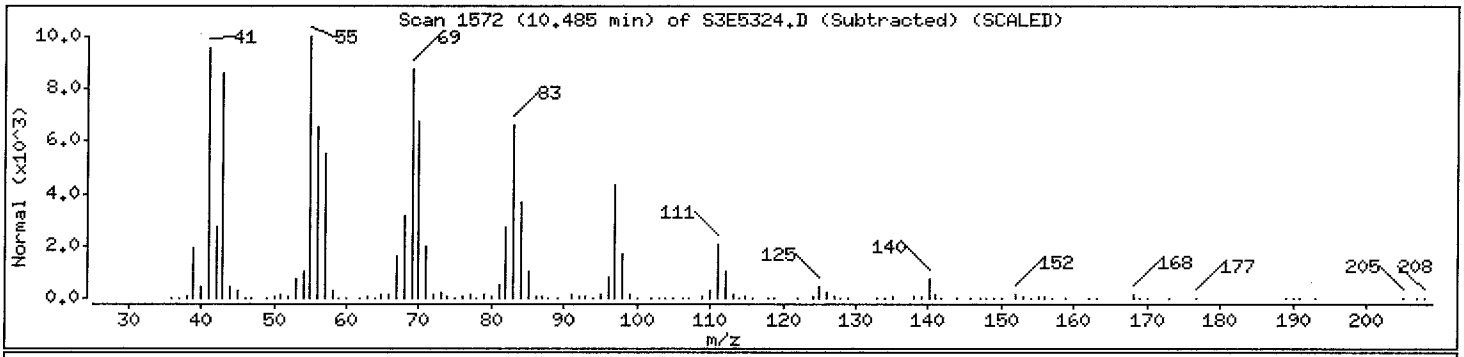
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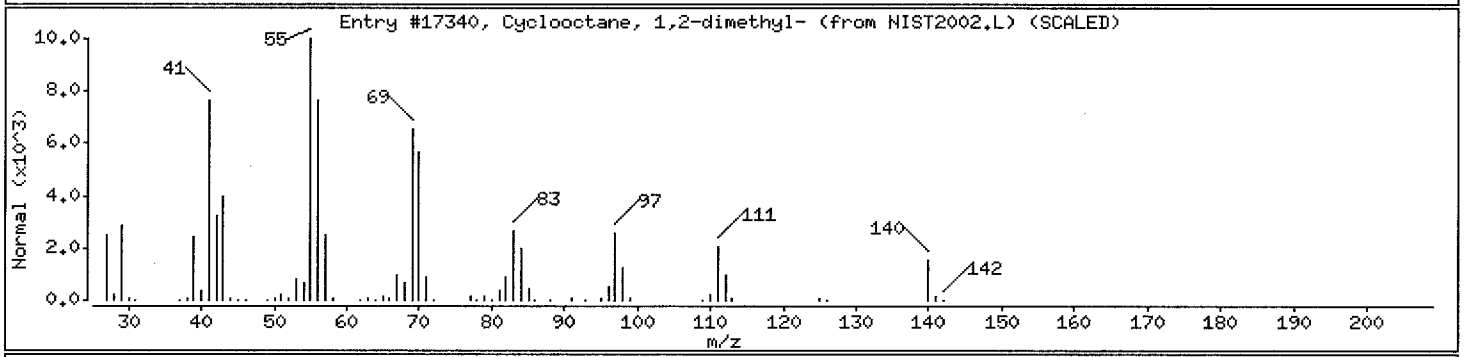
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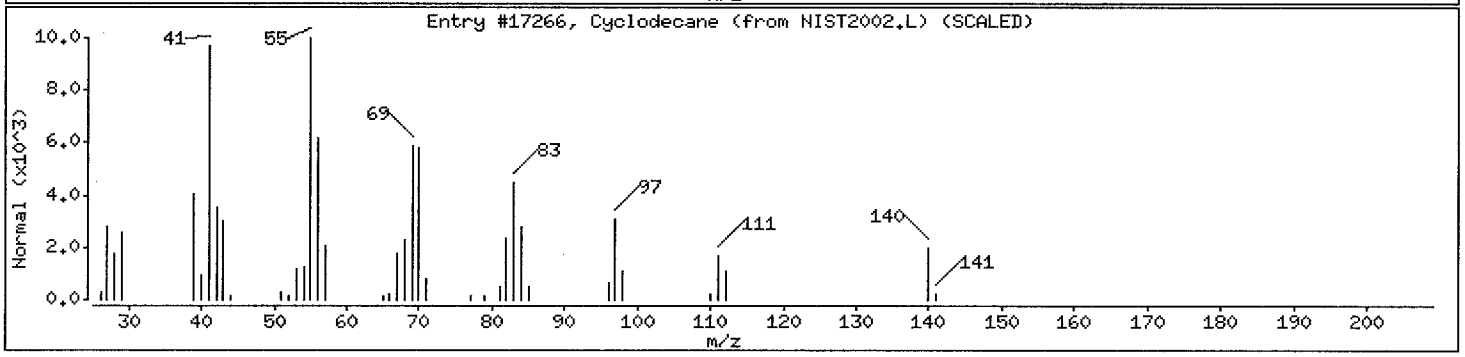
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclic Alkane			0	0		0
Cyclooctane, 1,2-dimethyl-	13151-94-5	NIST2002.L	17340	94	C10H20	140
Cyclodecane	293-96-9	NIST2002.L	17266	93	C10H20	140







Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

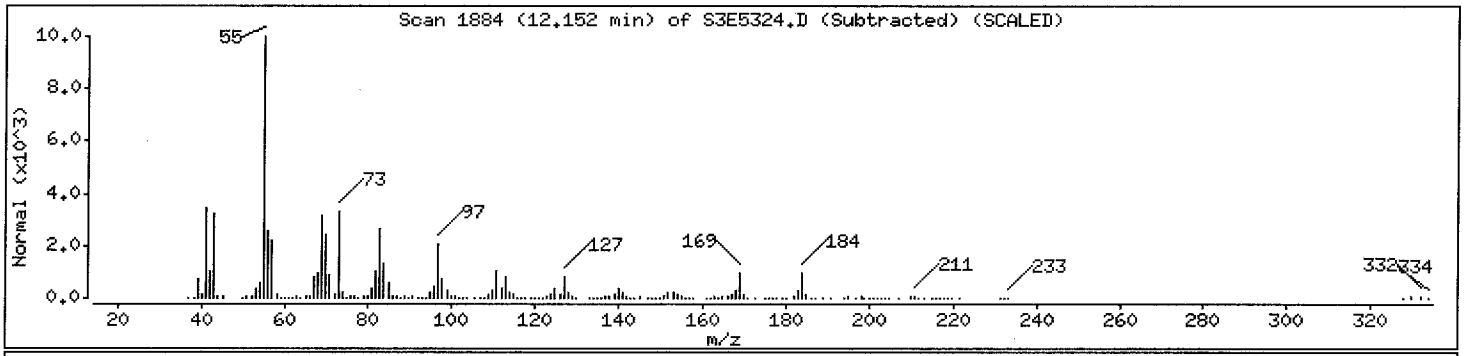
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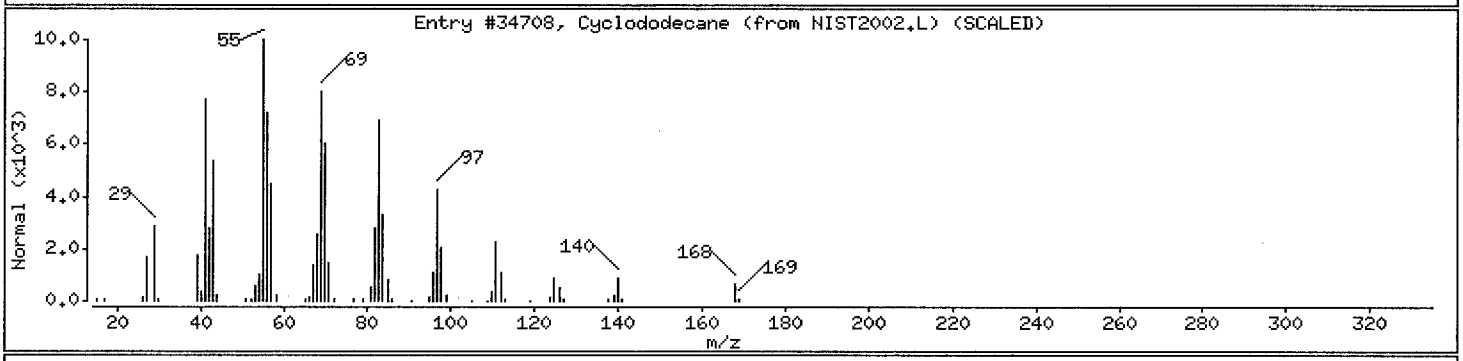
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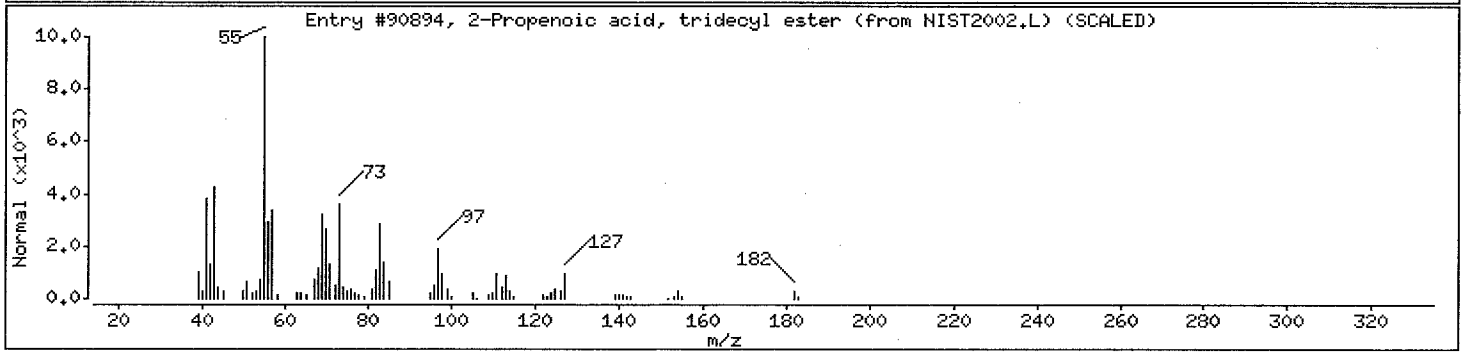
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclic Alkane			0	0		0
Cyclododecane	294-62-2	NIST2002.L	34708	96	C12H24	168
2-Propenoic acid, tridecyl ester	3076-04-8	NIST2002.L	90894	87	C16H30O2	254







Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

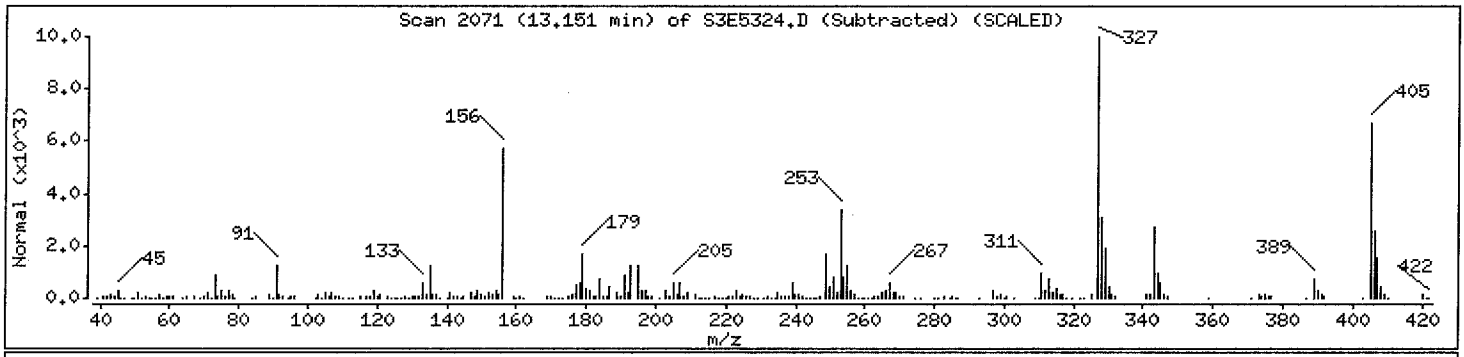
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

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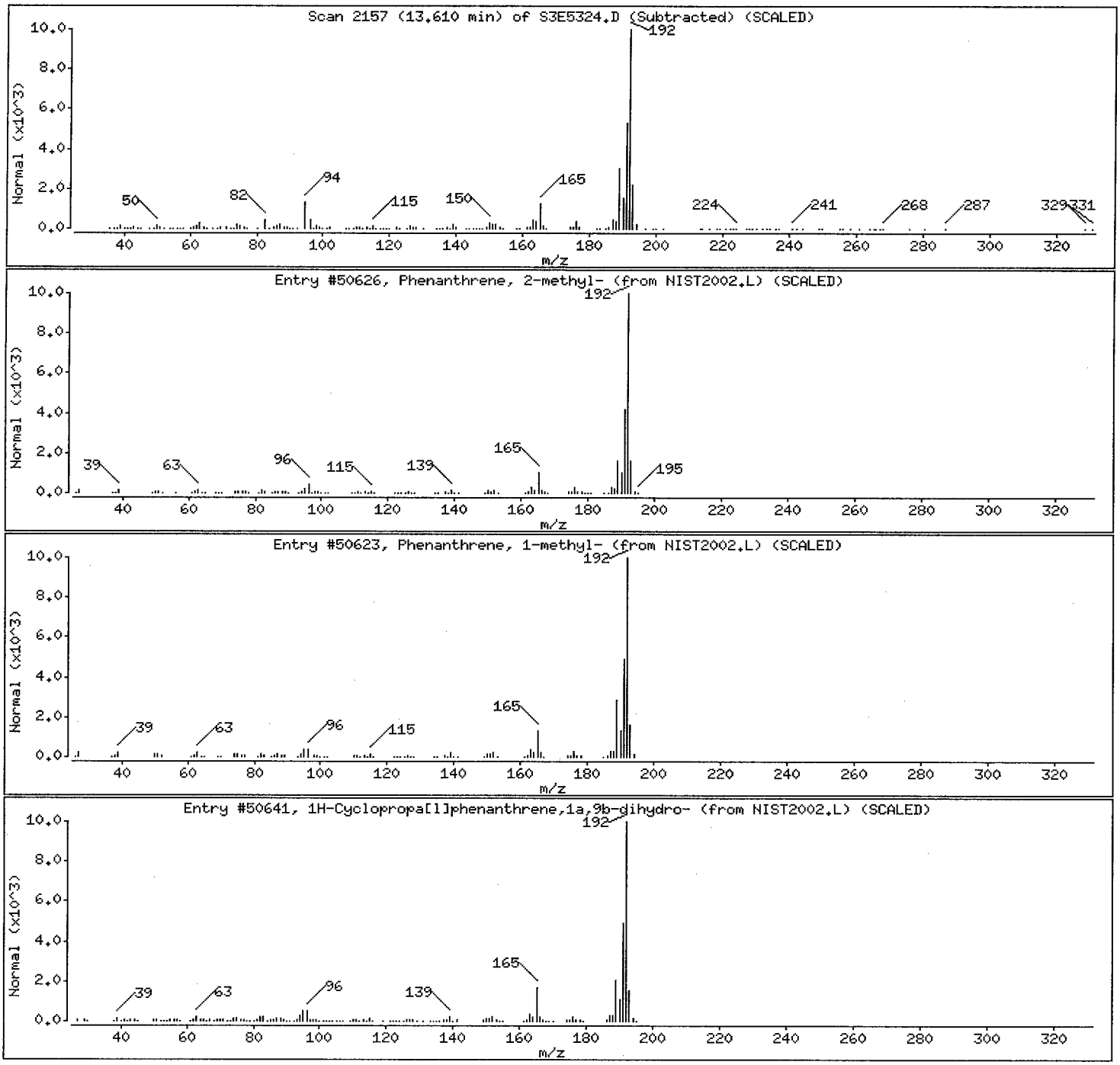
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50626	96	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST2002.L	50623	95	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST2002.L	50641	95	C15H12	192



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

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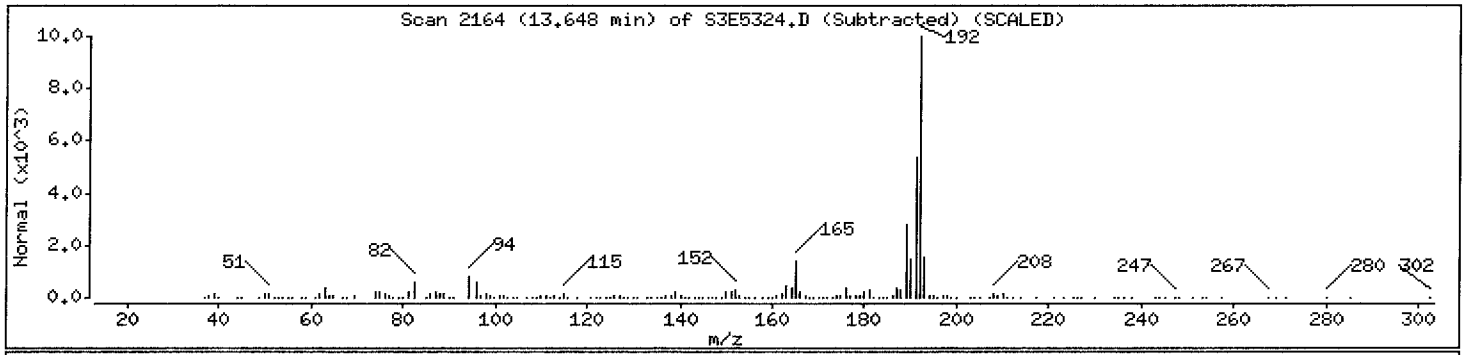
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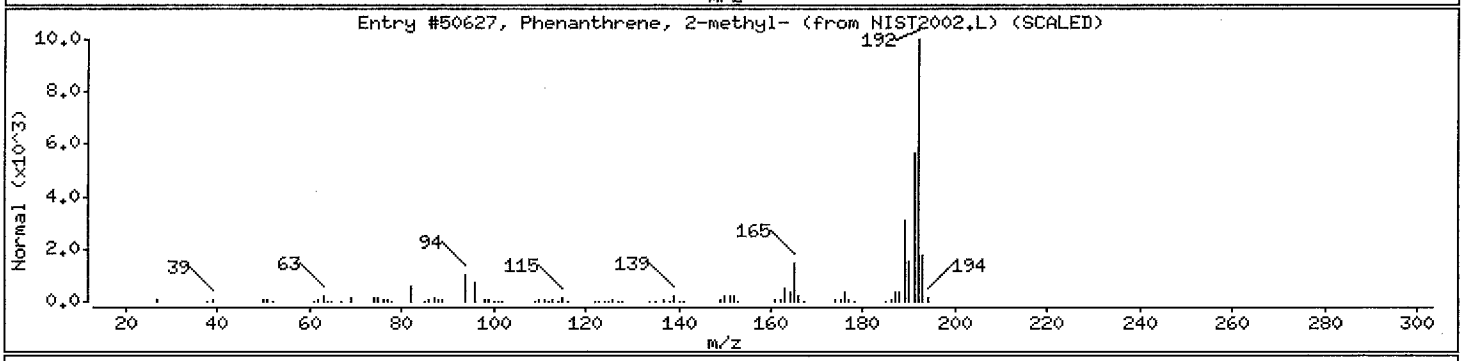
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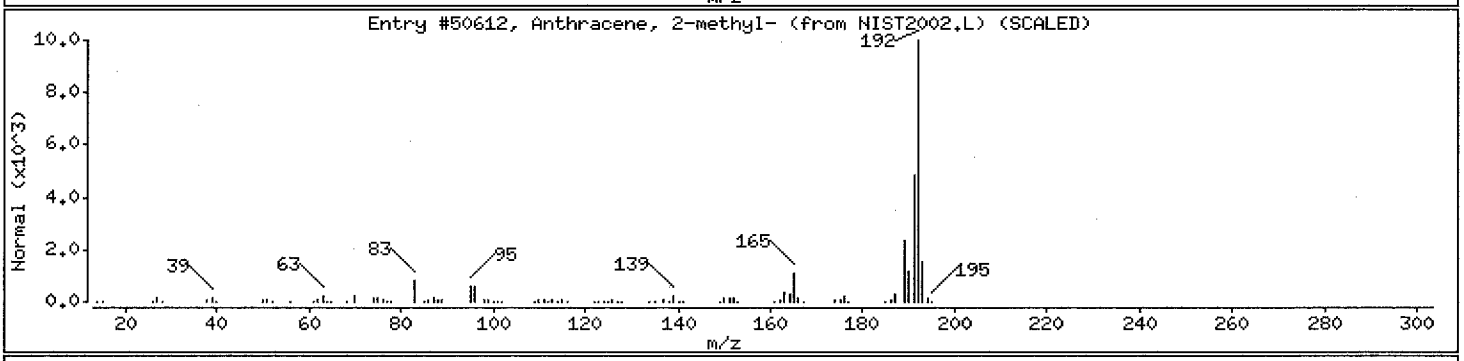
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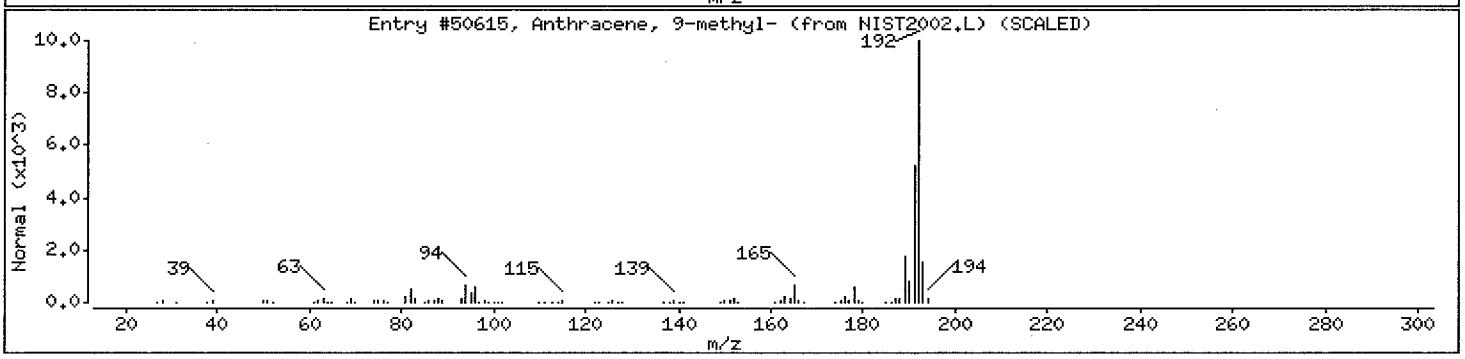
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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Anthracene, 2-methyl-	613-12-7	NIST2002.L	50612	95	C15H12	192
Anthracene, 9-methyl-	779-02-2	NIST2002.L	50615	95	C15H12	192









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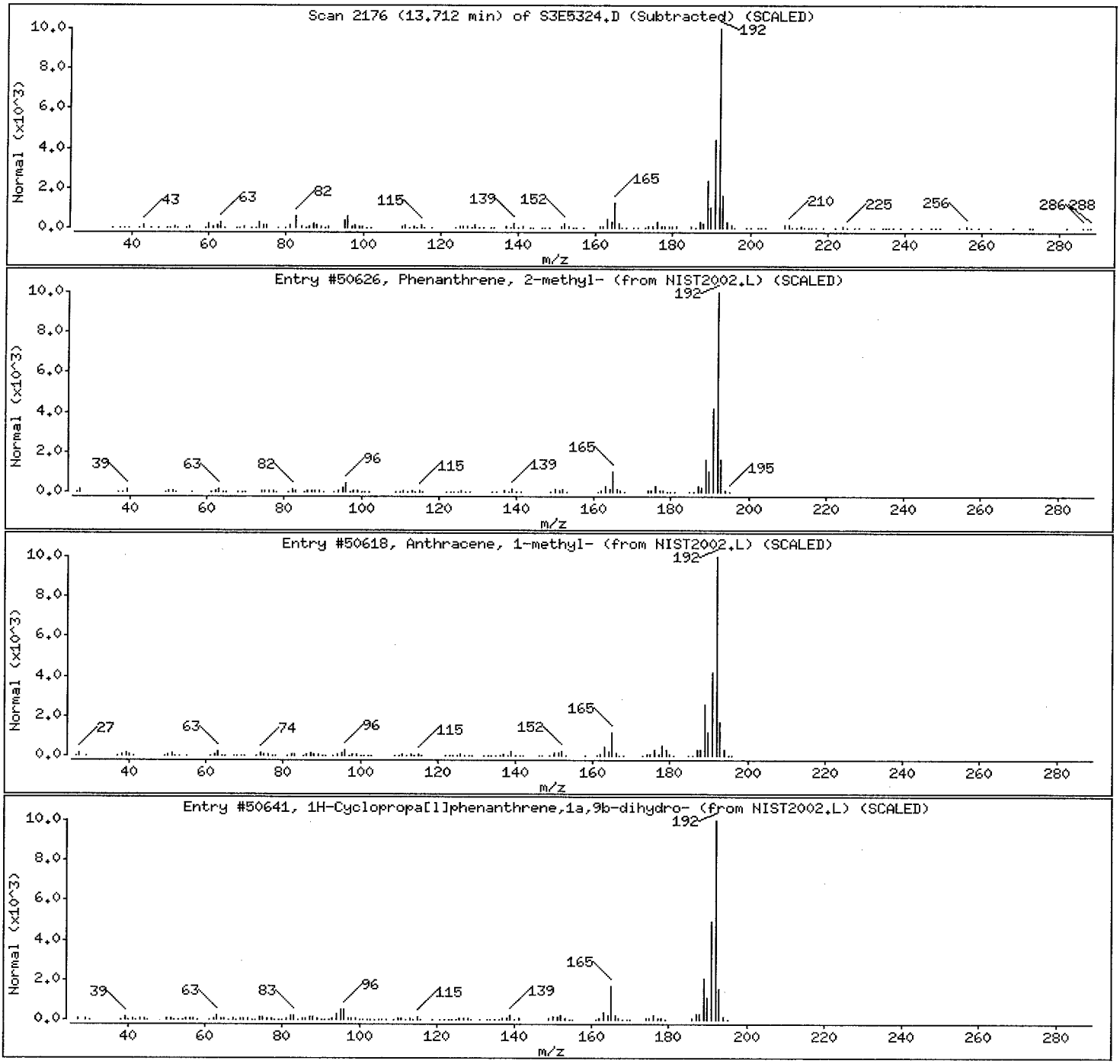
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Anthracene, 1-methyl-	610-48-0	NIST2002.L	50618	96	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST2002.L	50641	95	C15H12	192



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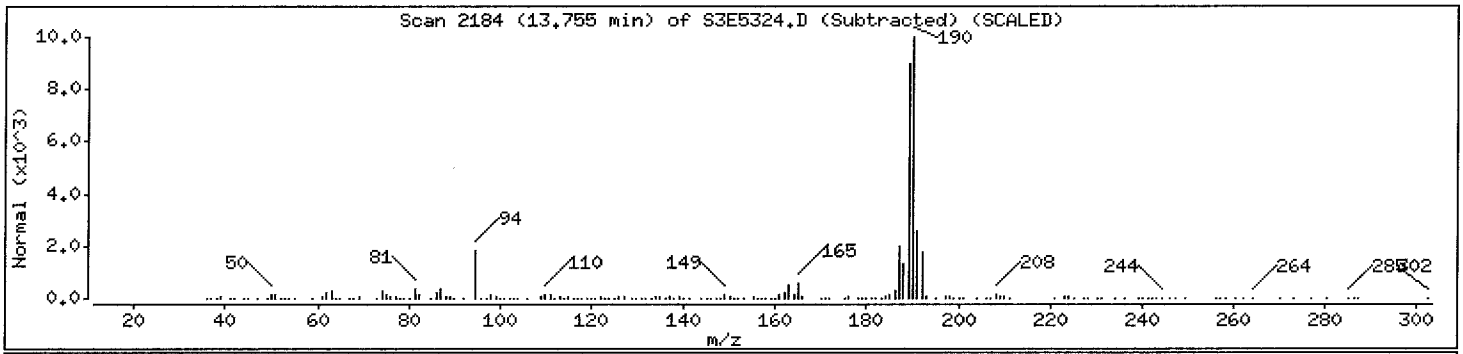
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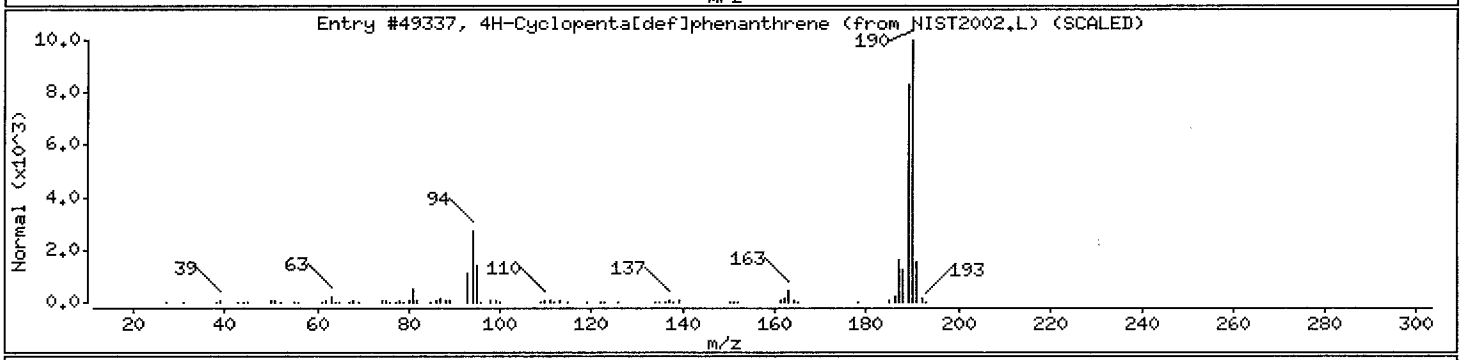
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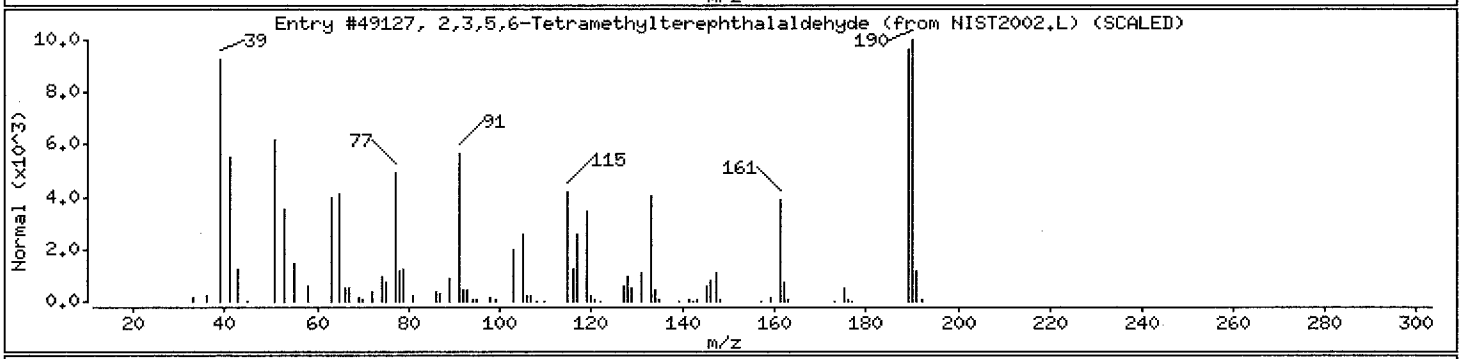
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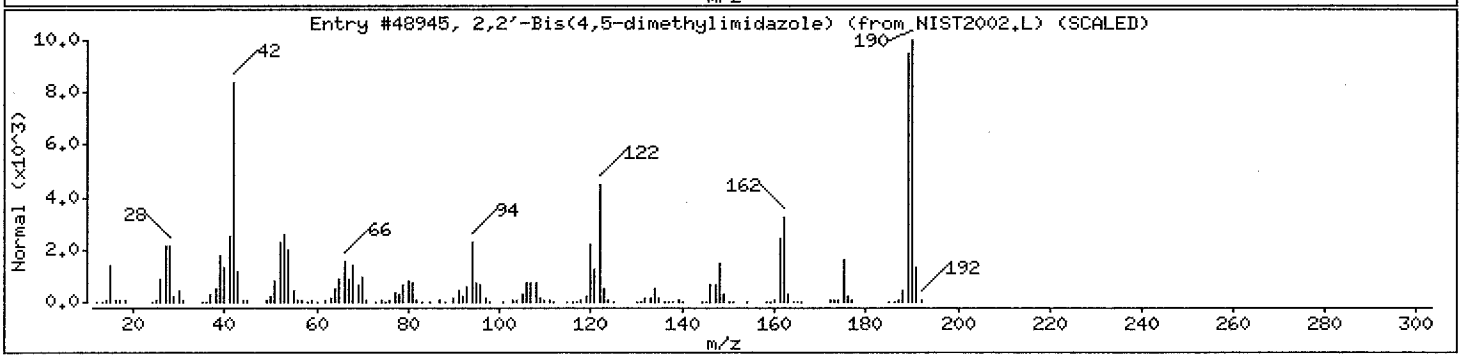
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST2002.L	49337	87	C15H10	190
2,3,5,6-Tetramethylterephthalaldehyde	7072-01-7	NIST2002.L	49127	53	C12H14O2	190
2,2'-Bis(4,5-dimethylimidazole)	69286-06-2	NIST2002.L	48945	45	C10H14N4	190









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

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Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

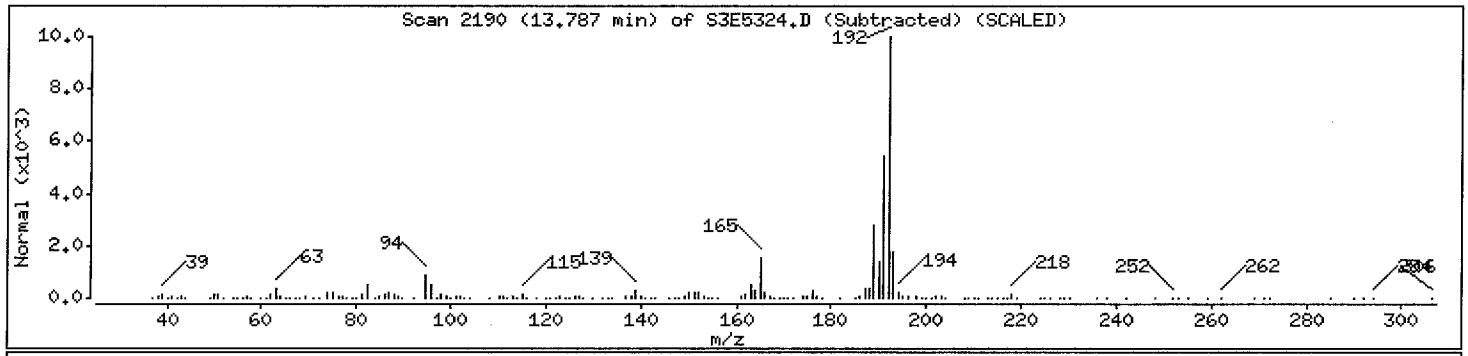
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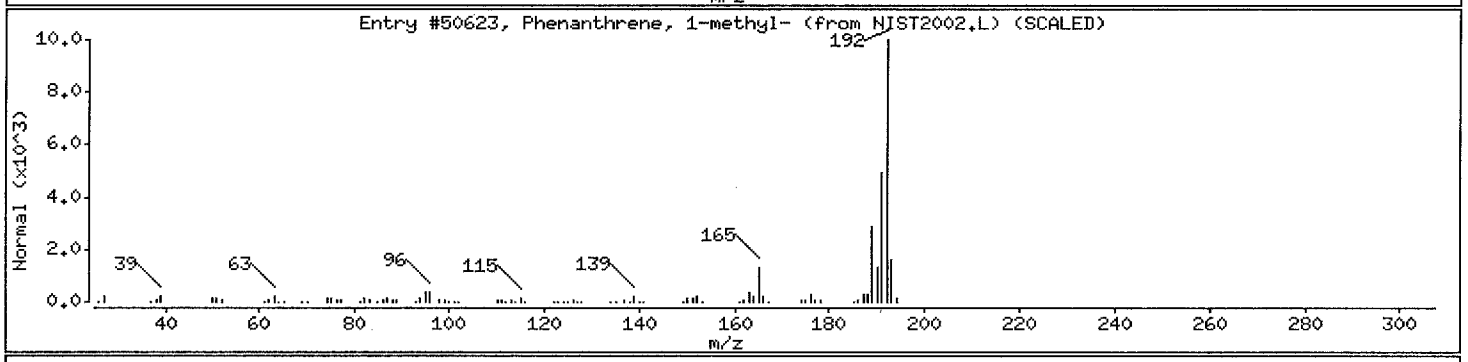
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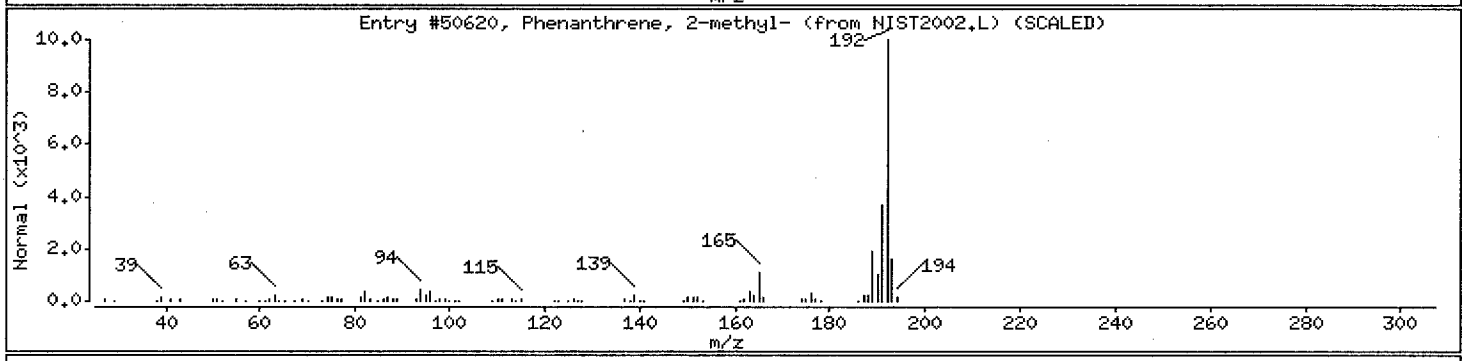
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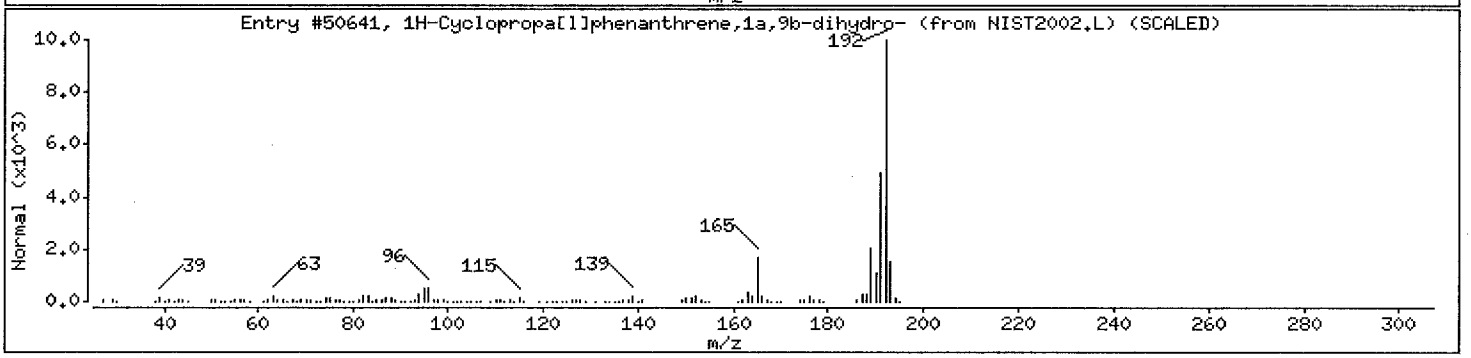
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-	832-69-9	NIST2002.L	50623	98	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50620	98	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST2002.L	50641	97	C15H12	192









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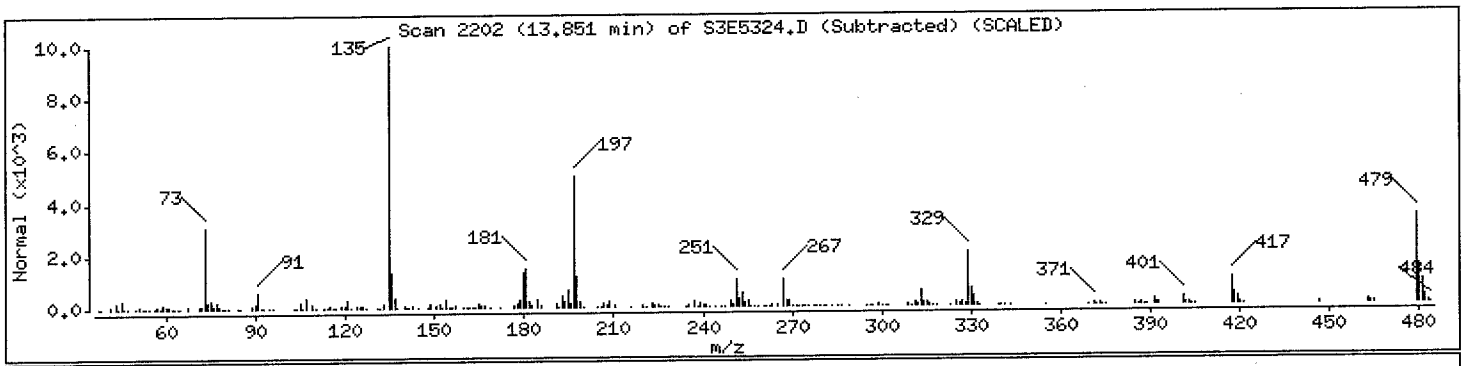
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Column phase: DB-5MS

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

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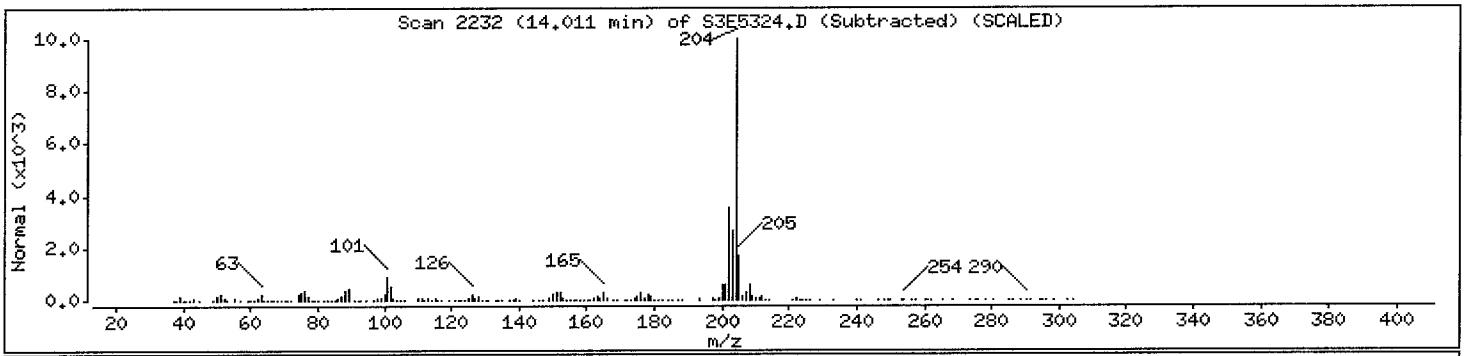
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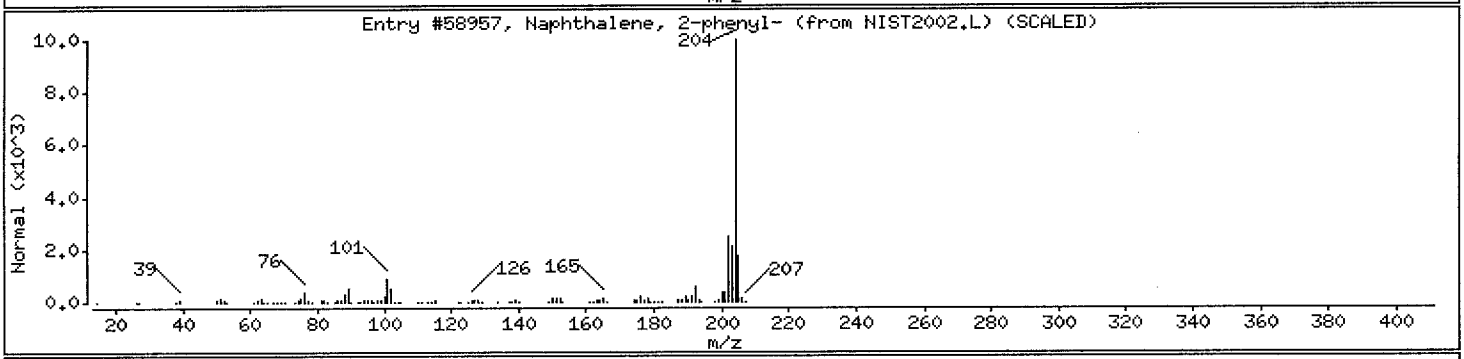
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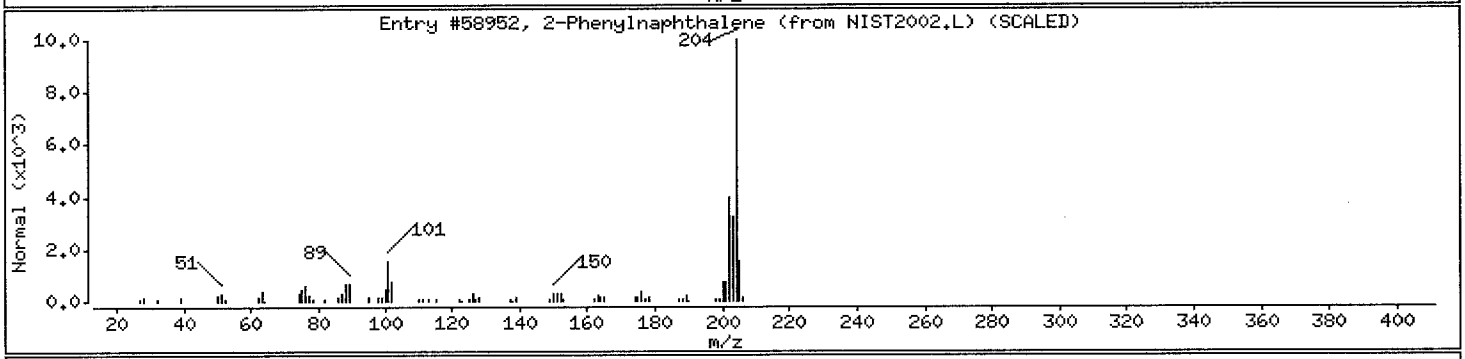
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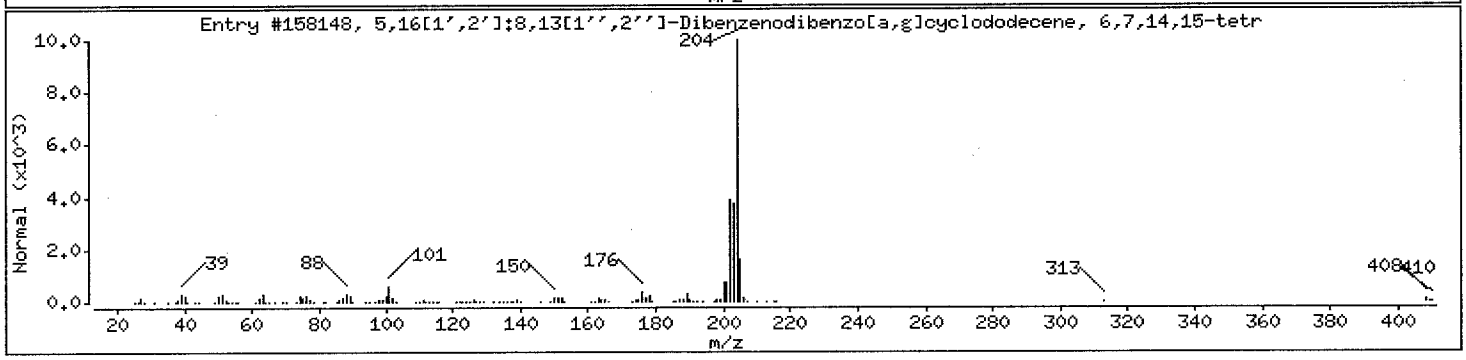
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-phenyl-	612-94-2	NIST2002.L	58957	93	C16H12	204
2-Phenylnaphthalene	35465-71-5	NIST2002.L	58952	90	C16H12	204
5,16[1',2']:8,13[1'',2'']-Dibenzenodiben	5672-97-9	NIST2002.L	158148	86	C32H24	408









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

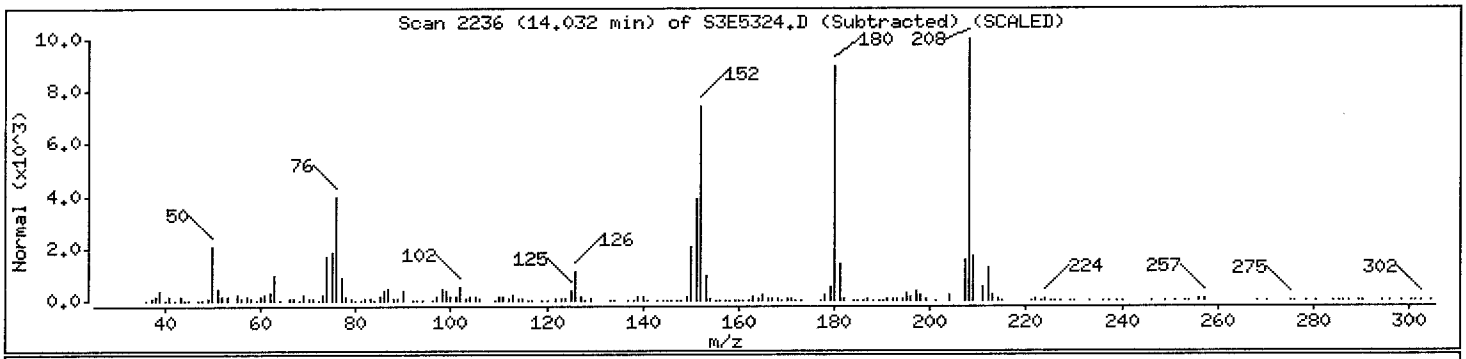
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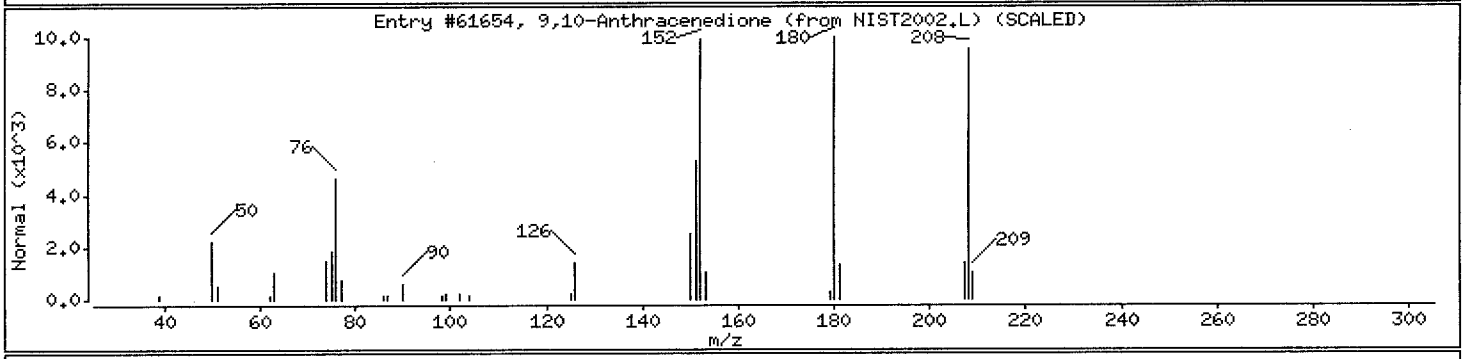
Operator: CLM SRC: LIMS

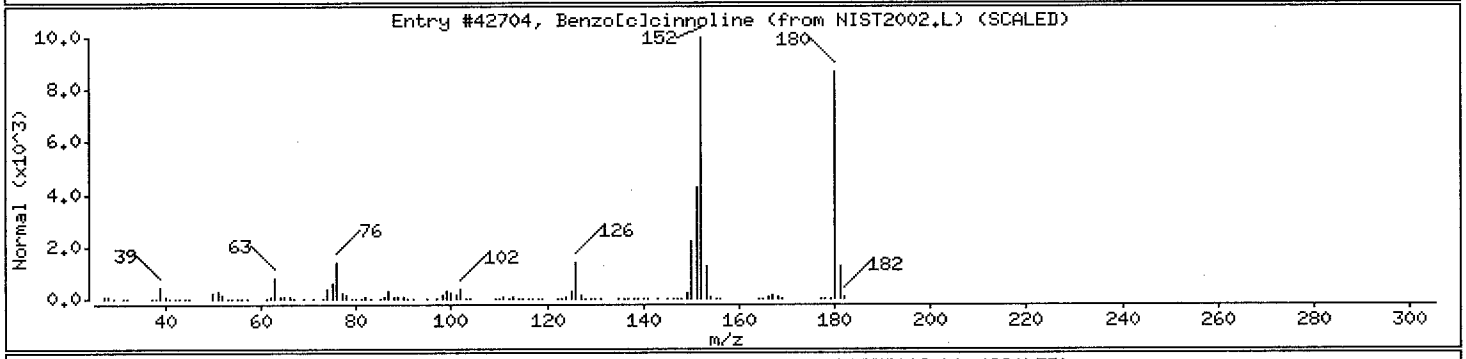
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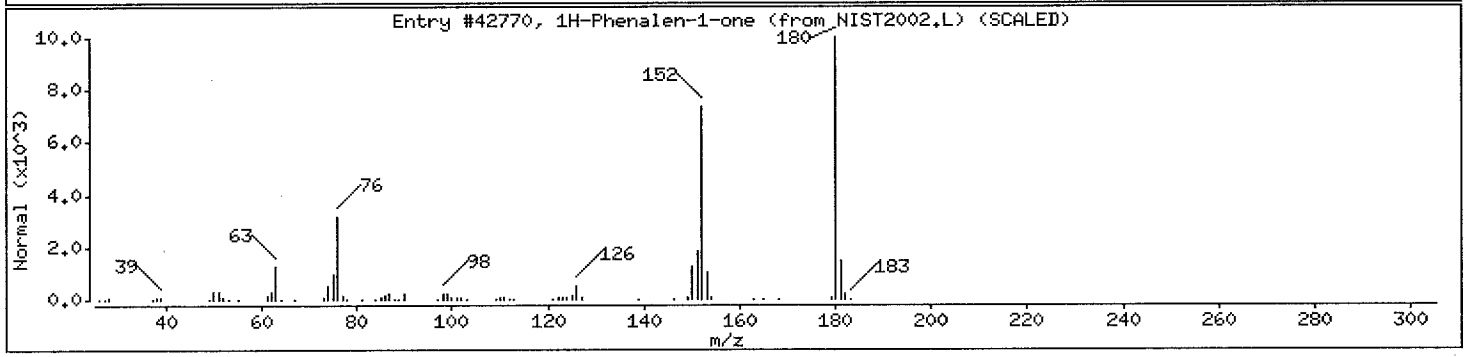
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST2002.L	61654	96	C14H8O2	208
Benzo[c]cinnoline	230-17-1	NIST2002.L	42704	95	C12H8N2	180
1H-Phenalen-1-one	548-39-0	NIST2002.L	42770	60	C13H8O	180









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

Client ID: MW-BR07RE

Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

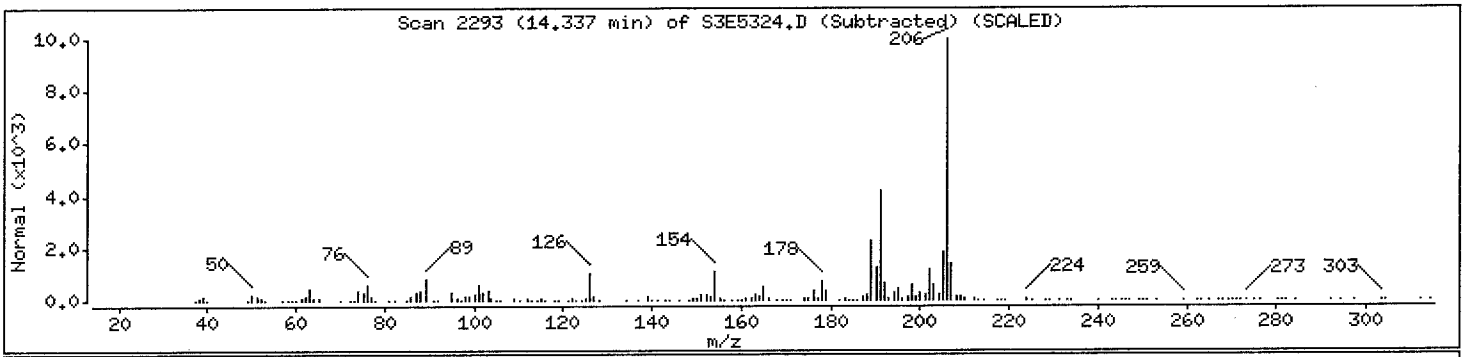
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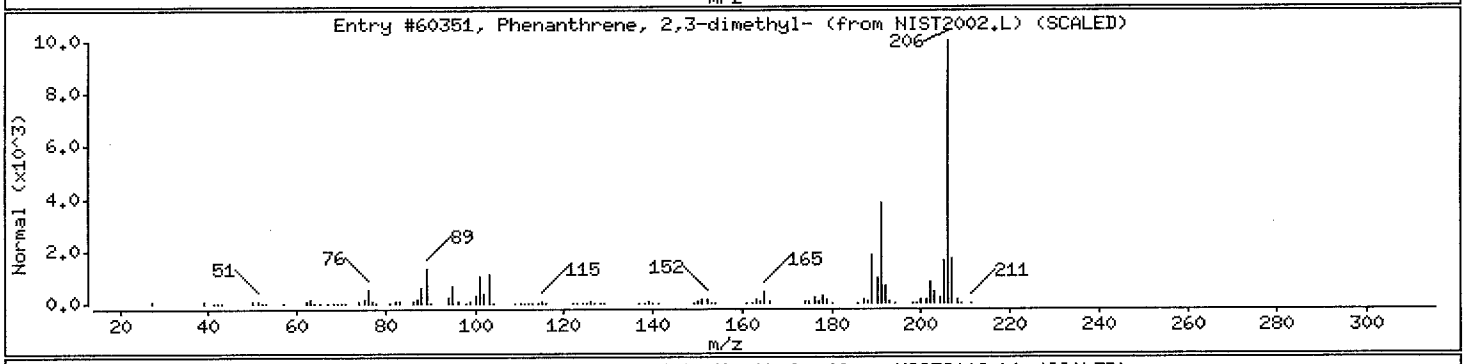
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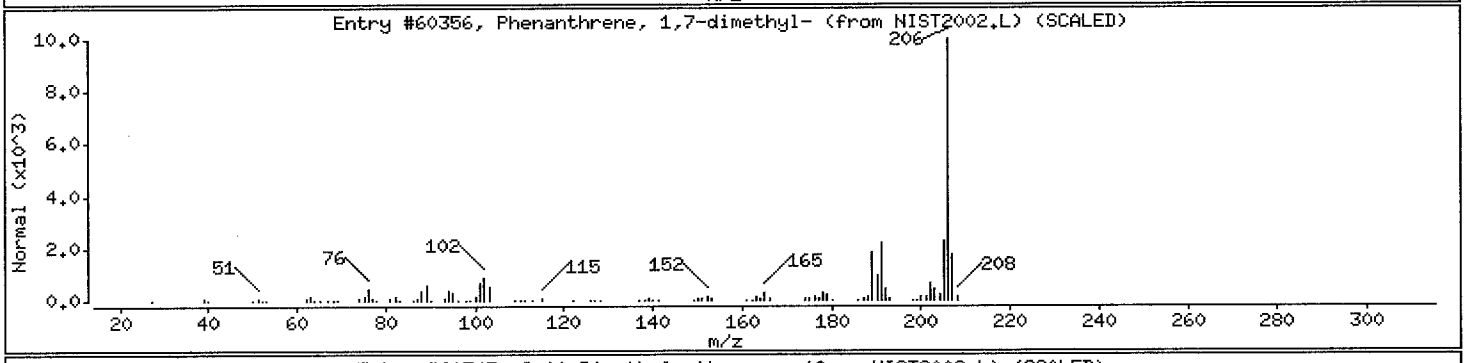
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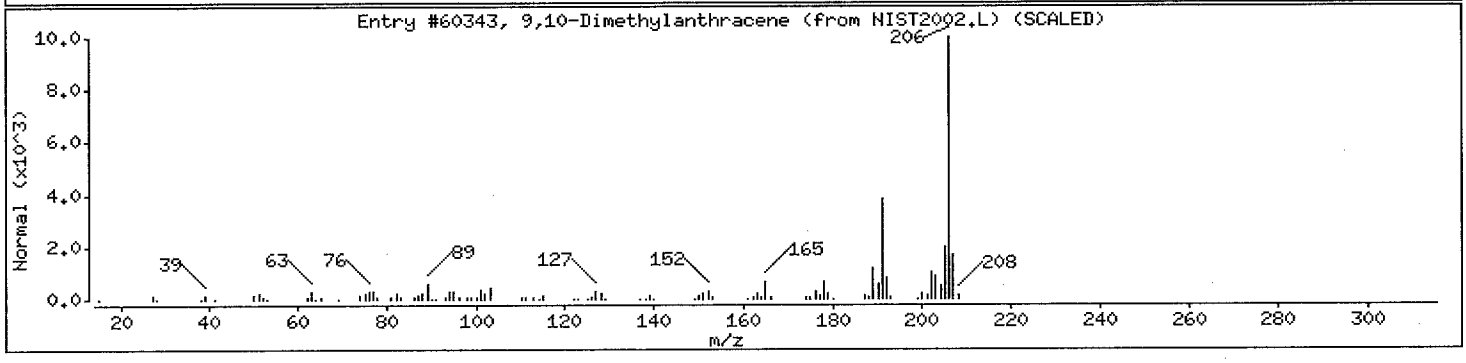
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Phenanthrene, 2,3-dimethyl-	3674-65-5	NIST2002.L	60351	91	C16H14	206
Phenanthrene, 1,7-dimethyl-	483-87-4	NIST2002.L	60356	91	C16H14	206
9,10-Dimethylanthracene	781-43-1	NIST2002.L	60343	89	C16H14	206









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

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Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

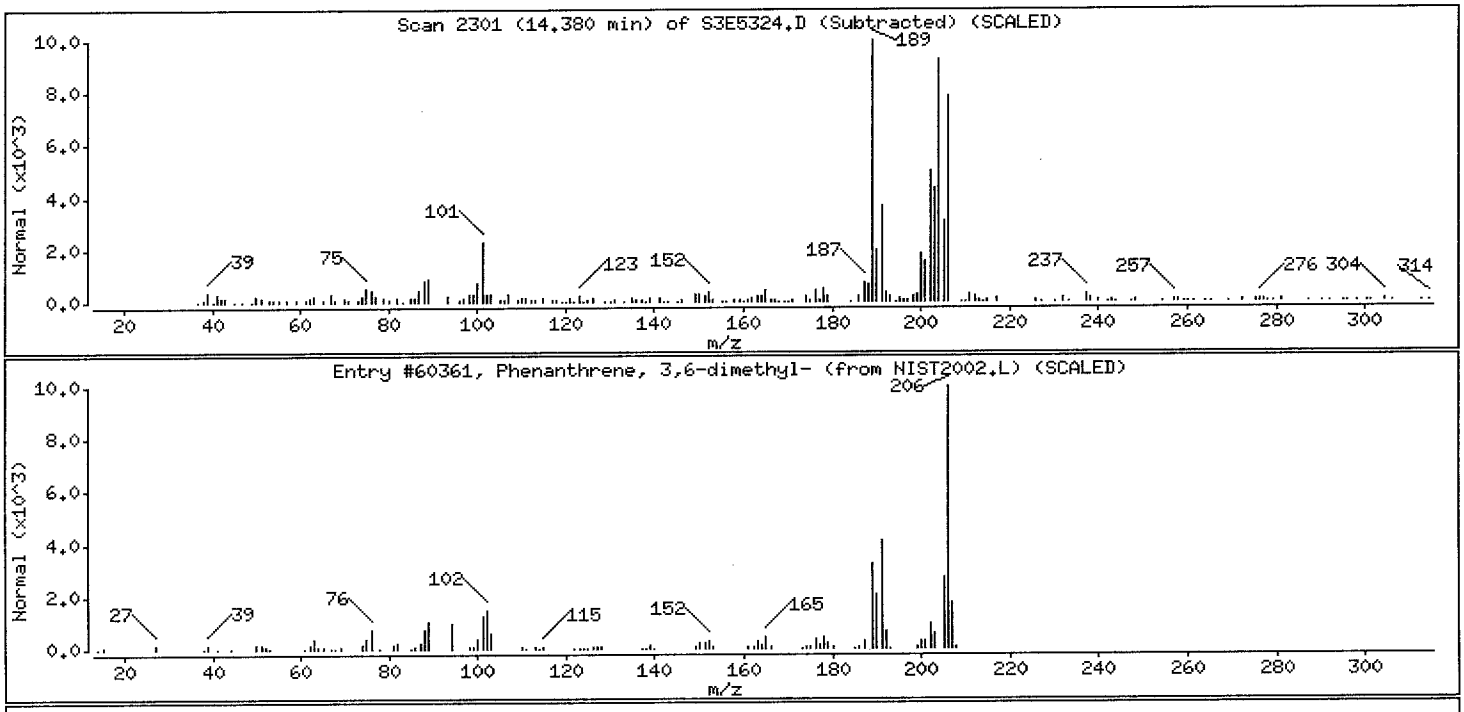
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Operator: CLM SRC: LIMS

Column phase: DB-5MS

Column diameter: 0.25

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Phenanthrene, 3,6-dimethyl-	1576-67-6	NIST2002.L	60361	42	C16H14	206



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

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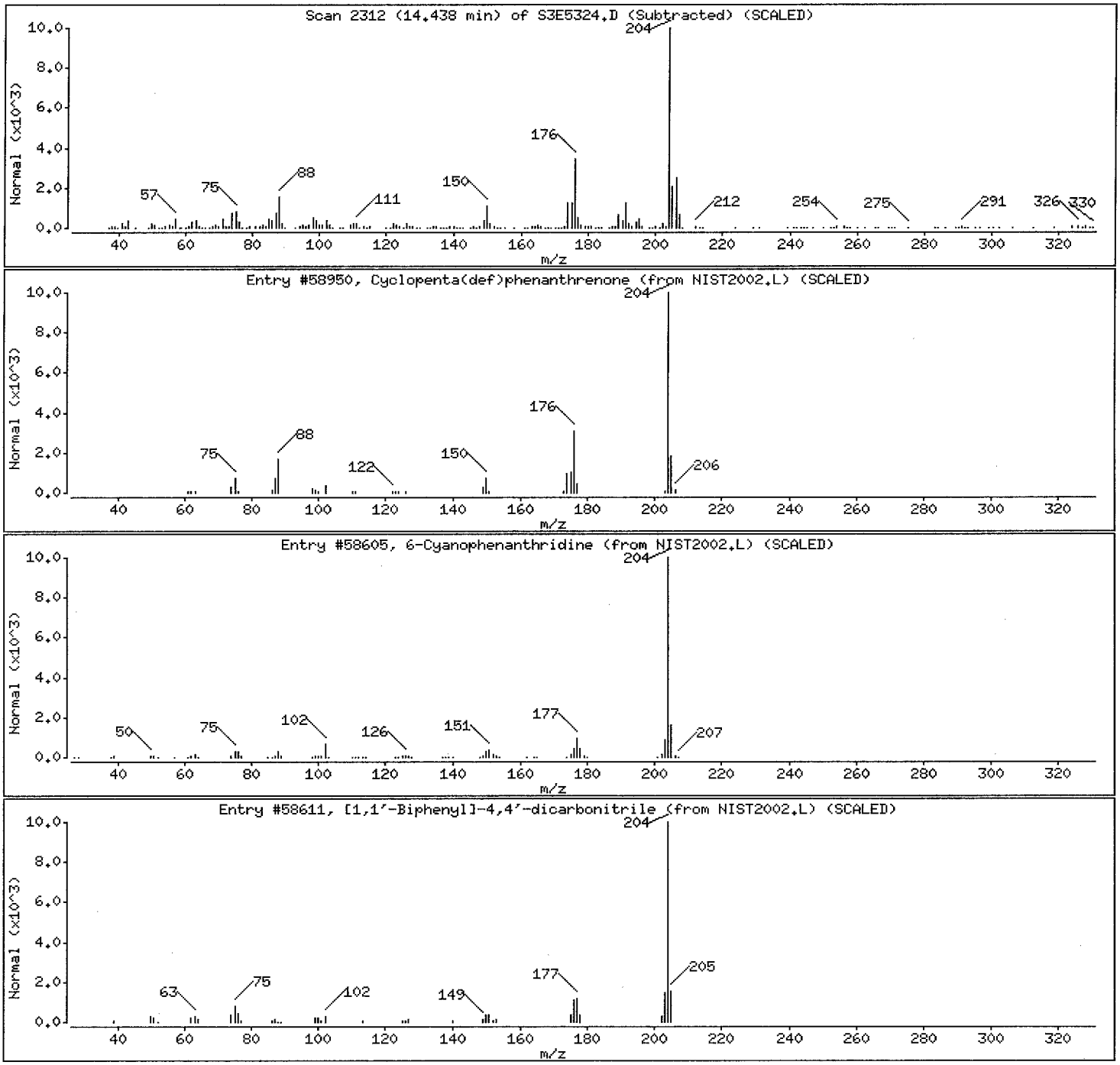
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Column phase: DB-5MS

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Cyclopenta(def)phenanthrenone	5737-13-3	NIST2002.L	58950	95	C15H8O	204
6-Cyanophenanthridine	2176-28-5	NIST2002.L	58605	53	C14H8N2	204
[1,1'-Biphenyl]-4,4'-dicarbonitrile	1591-30-6	NIST2002.L	58611	50	C14H8N2	204



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

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Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

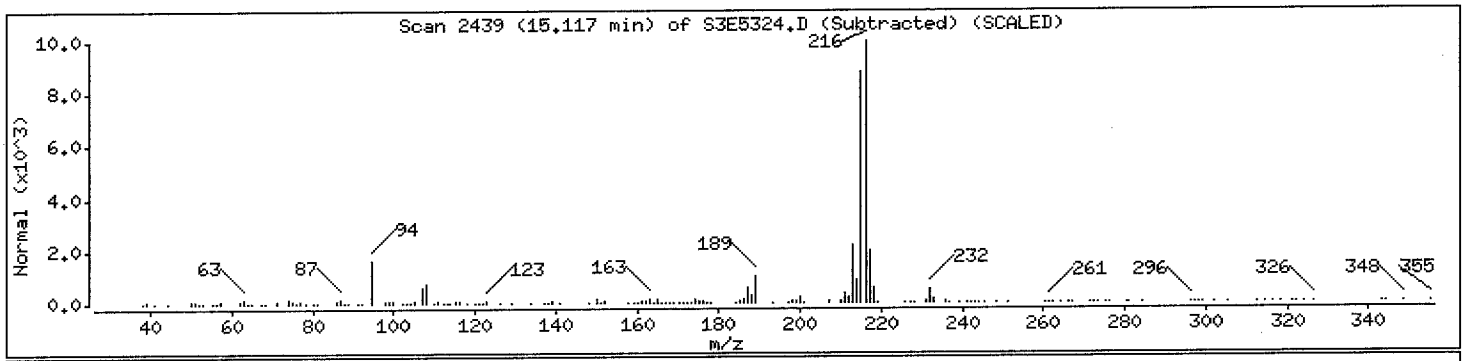
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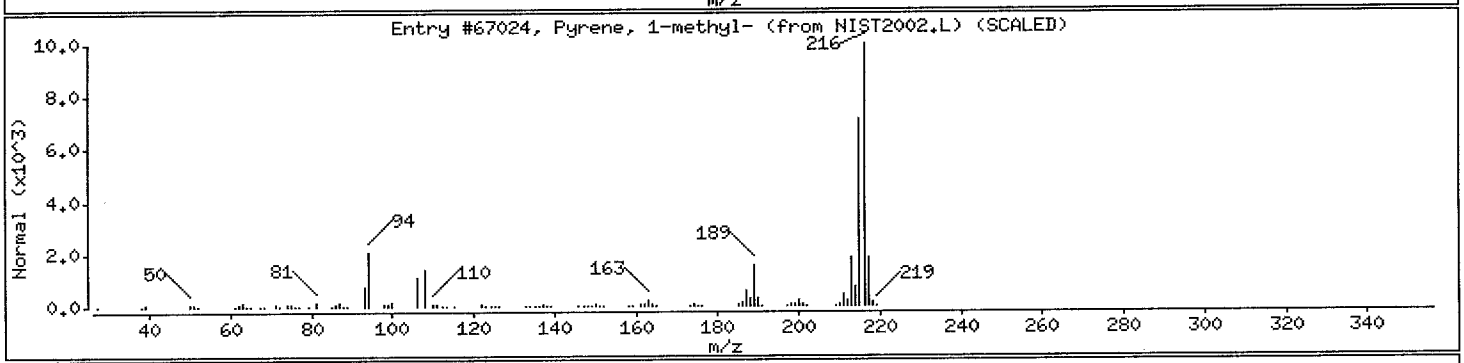
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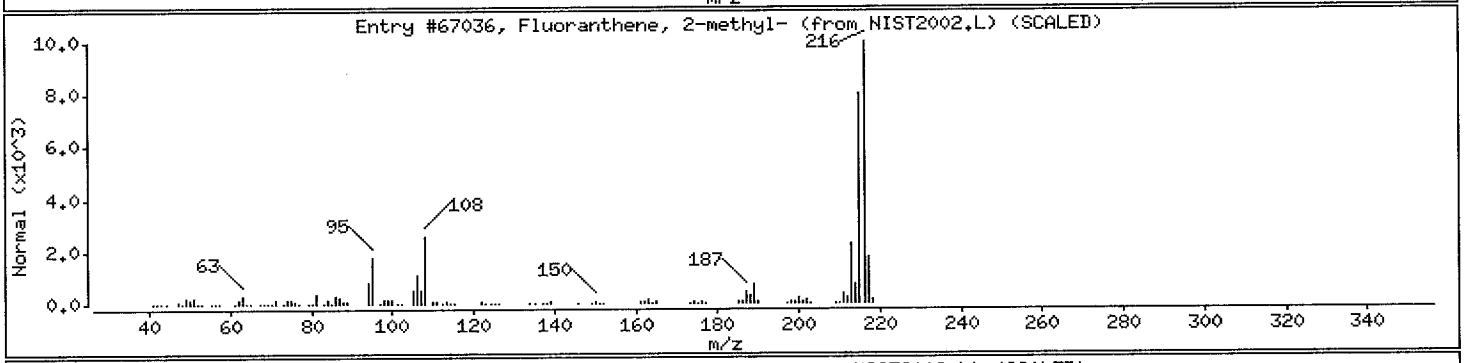
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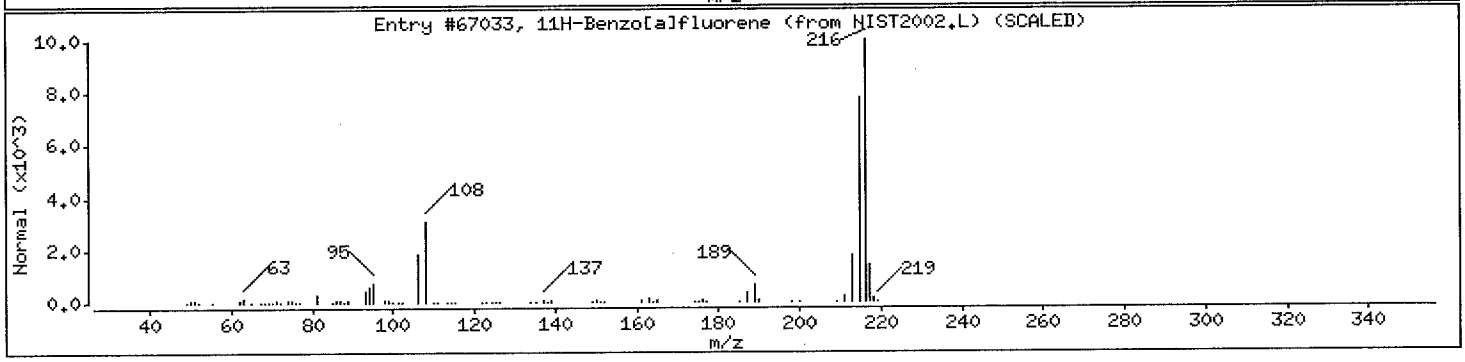
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Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67024	93	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67036	91	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST2002.L	67033	90	C17H12	216









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

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Client ID: MW-BR07RE

Instrument: S3.i

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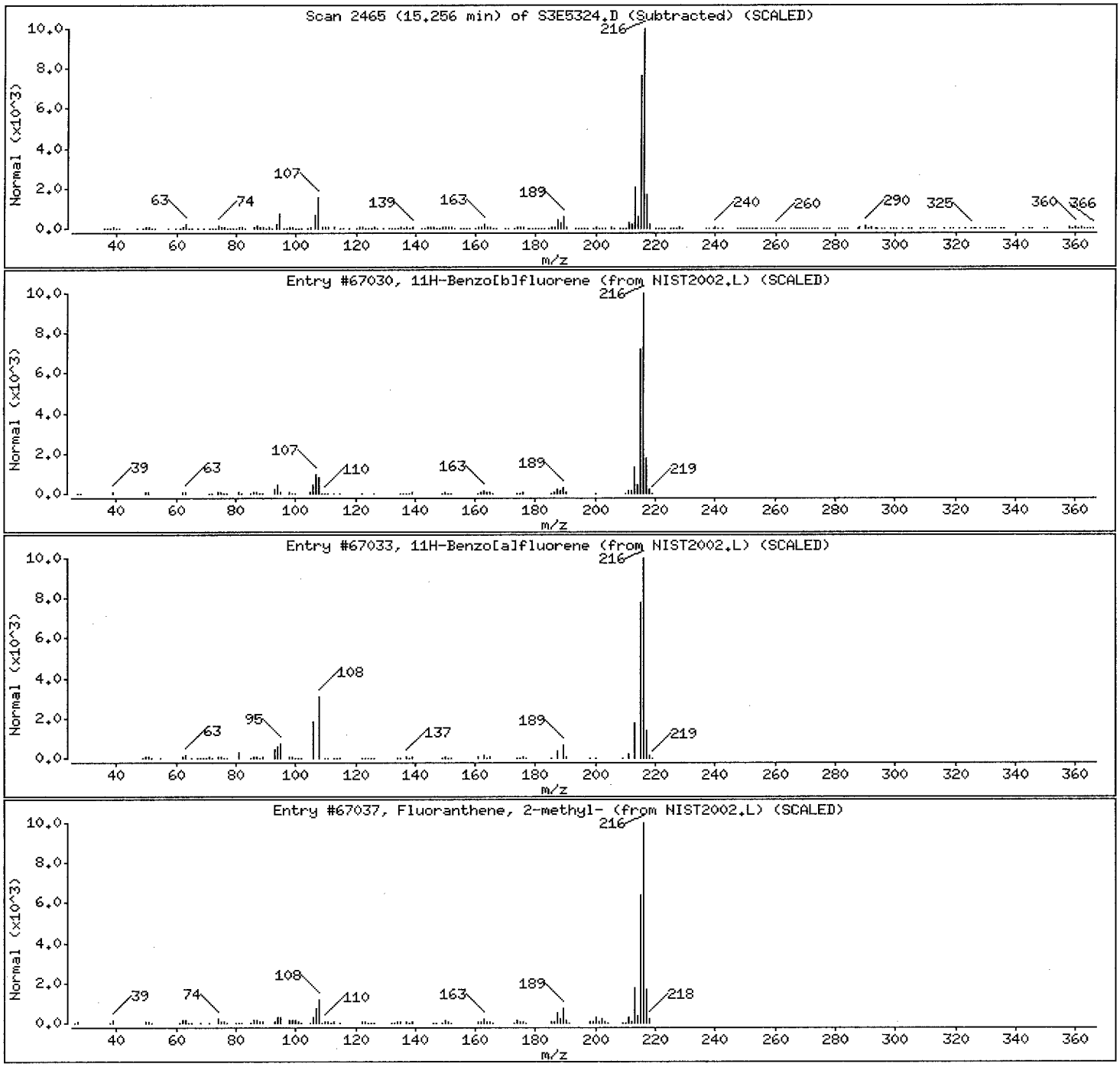
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11H-Benzo[a]fluorene	238-84-6	NIST2002.L	67033	93	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67037	91	C17H12	216



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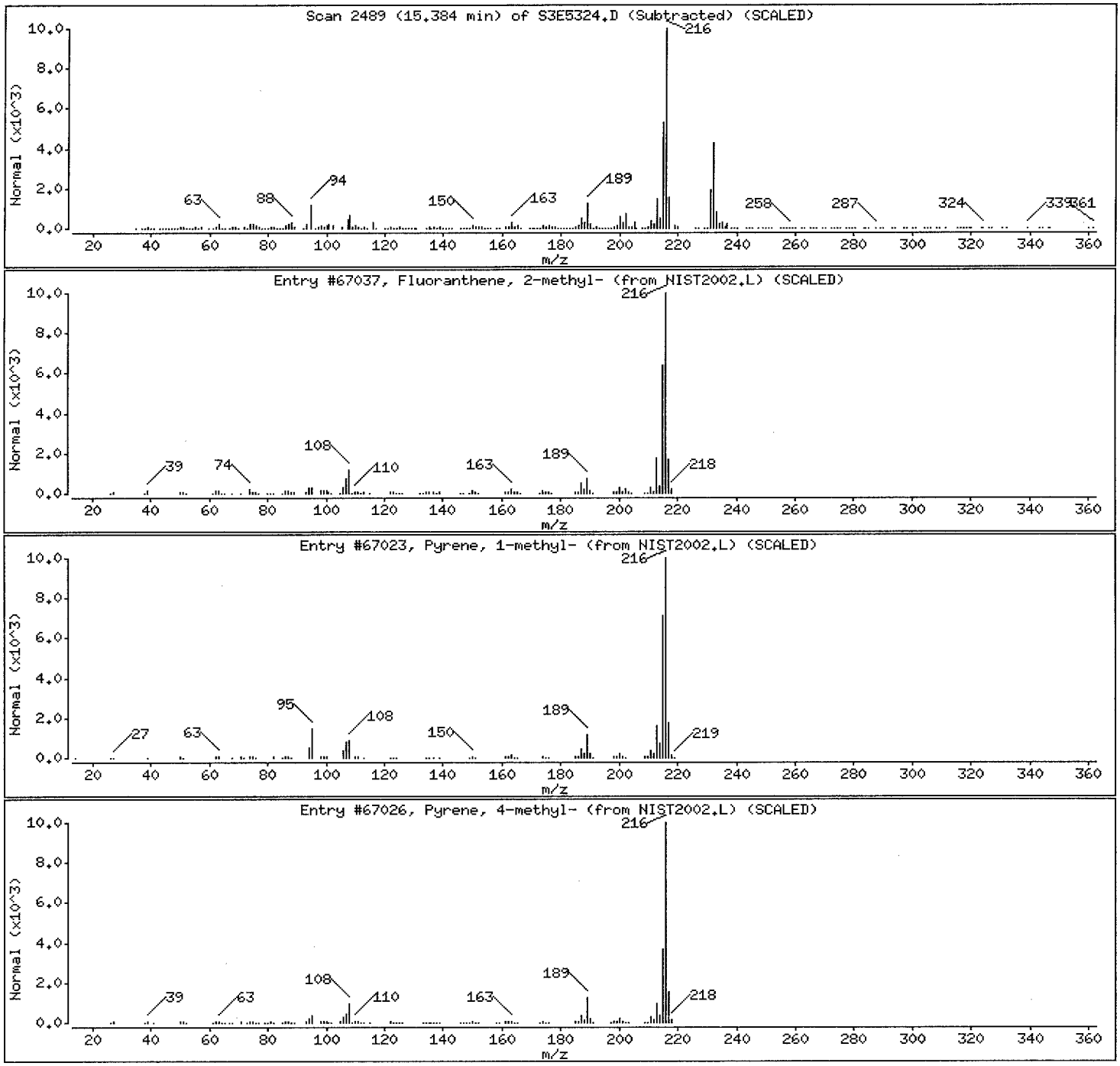
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67037	91	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67023	91	C17H12	216
Pyrene, 4-methyl-	3353-12-6	NIST2002.L	67026	87	C17H12	216



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Instrument: S3.i

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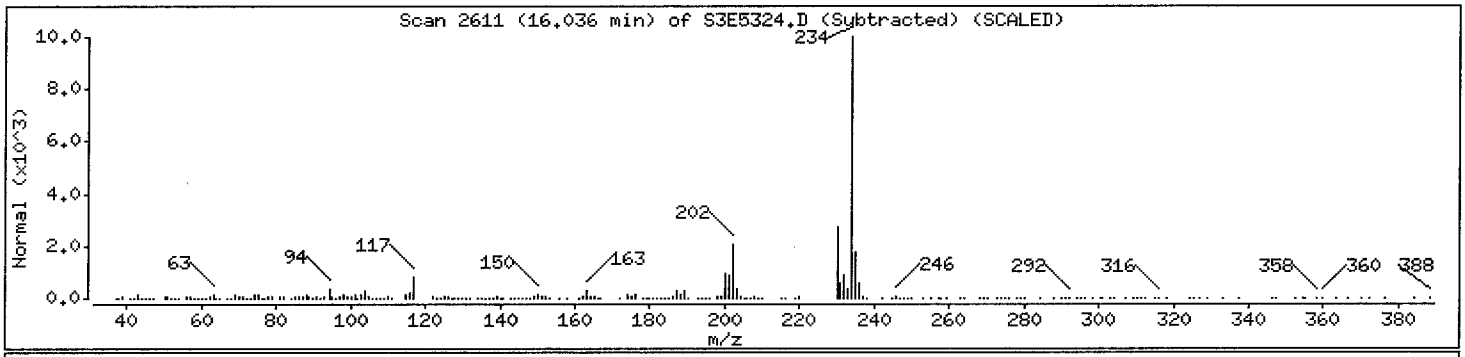
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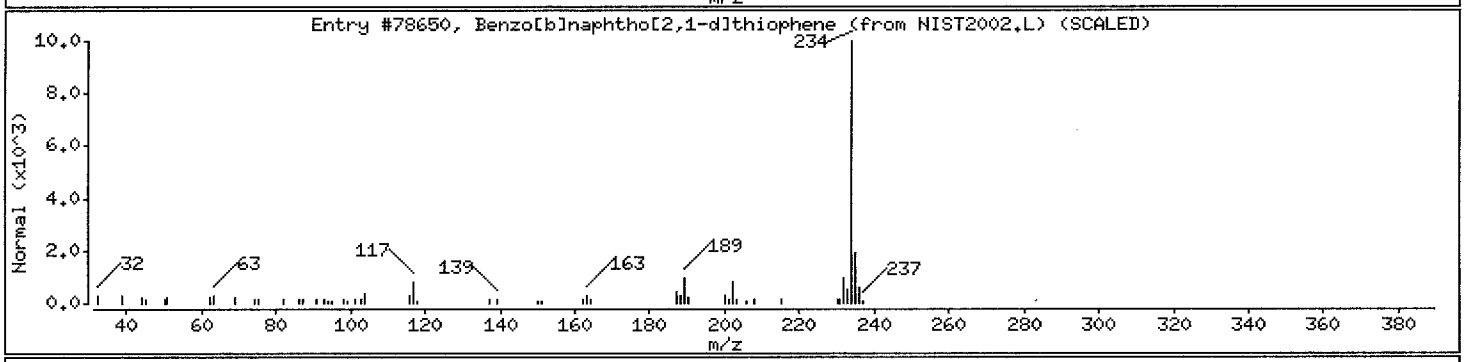
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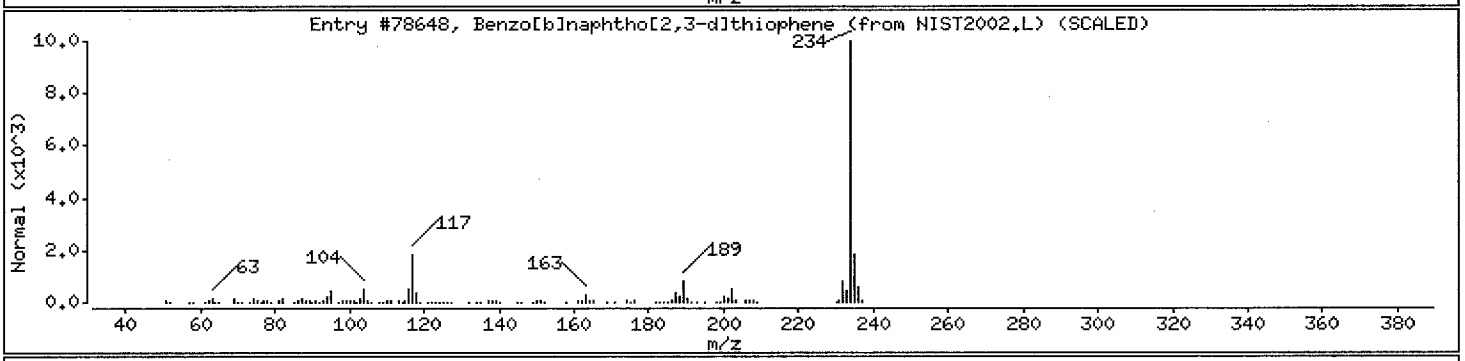
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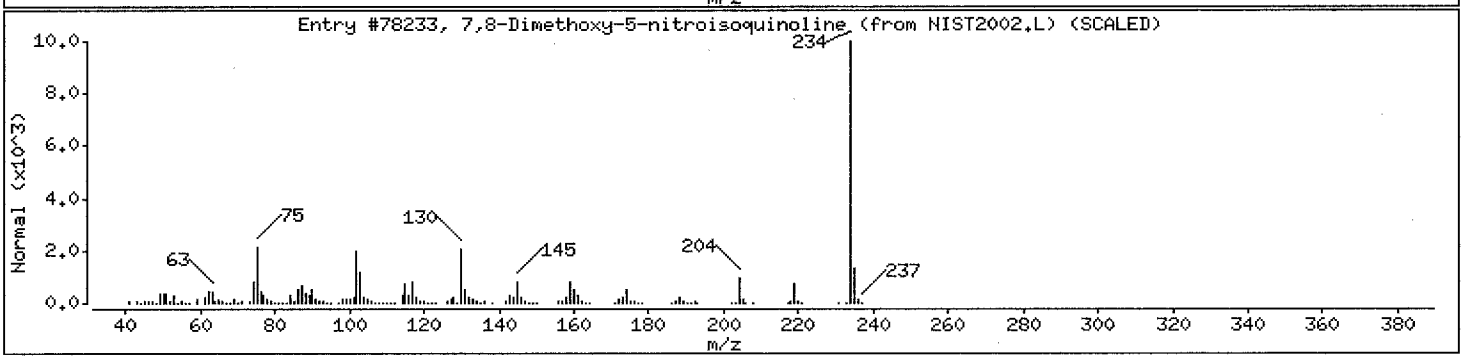
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST2002.L	78650	53	C16H10S	234
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	NIST2002.L	78648	53	C16H10S	234
7,8-Dimethoxy-5-nitroisoquinoline	1000213-88-3	NIST2002.L	78233	43	C11H10N2O4	234









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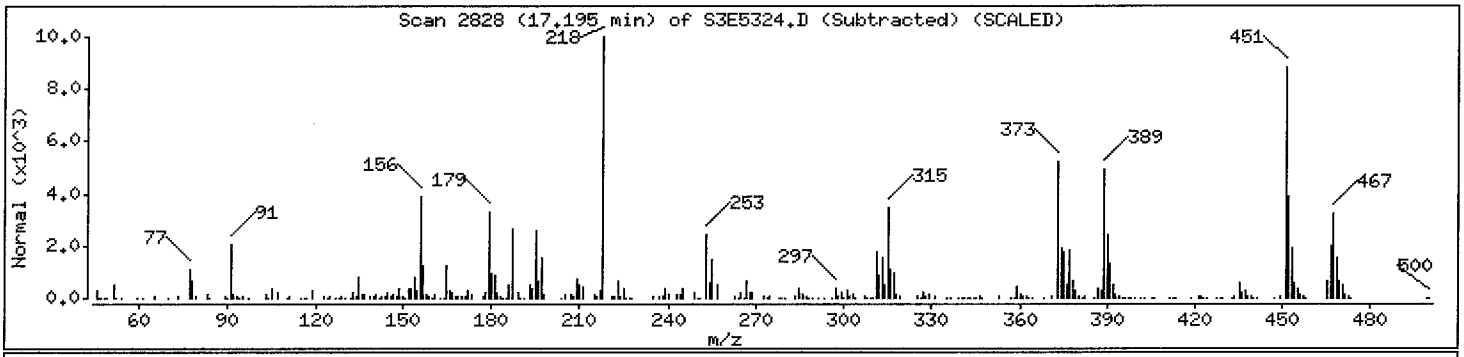
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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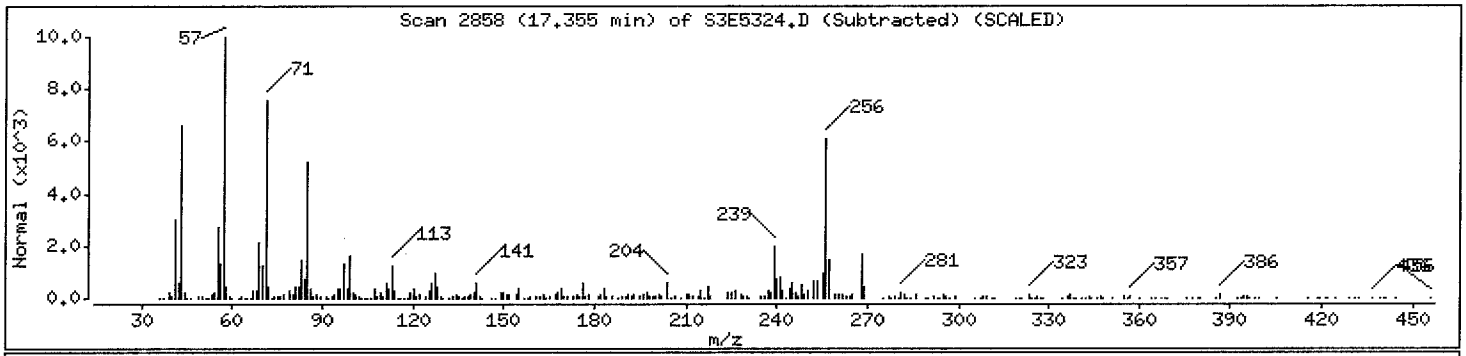
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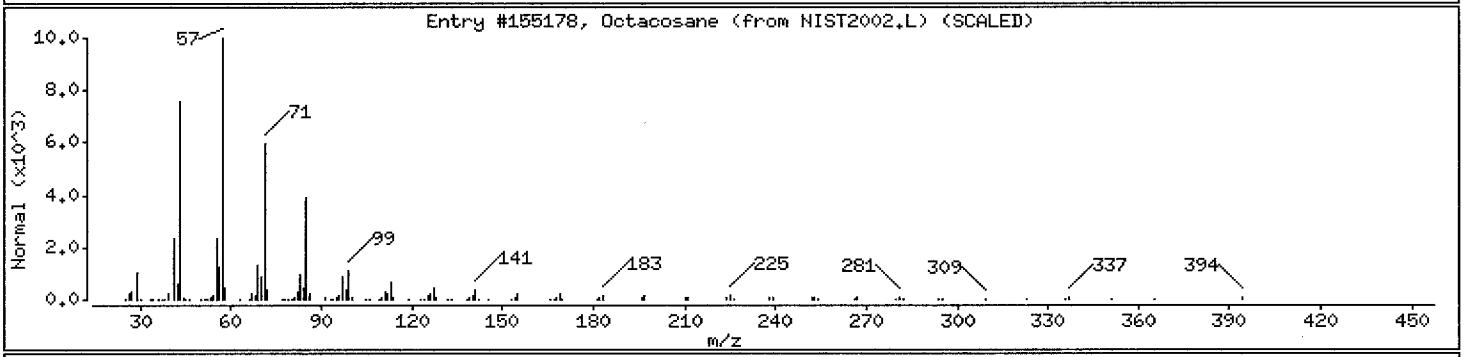
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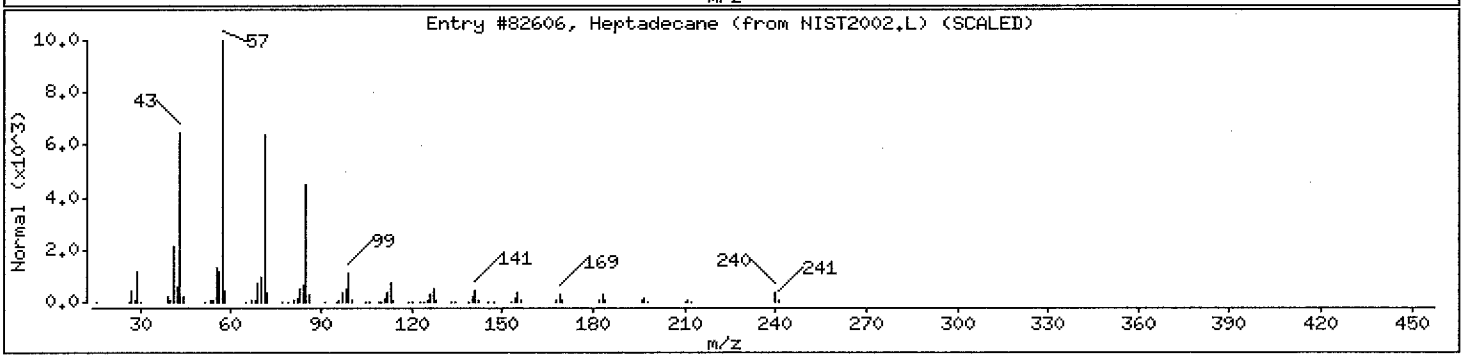
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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Octacosane	630-02-4	NIST2002.L	155178	89	C28H58	394
Heptadecane	629-78-7	NIST2002.L	82606	87	C17H36	240







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Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

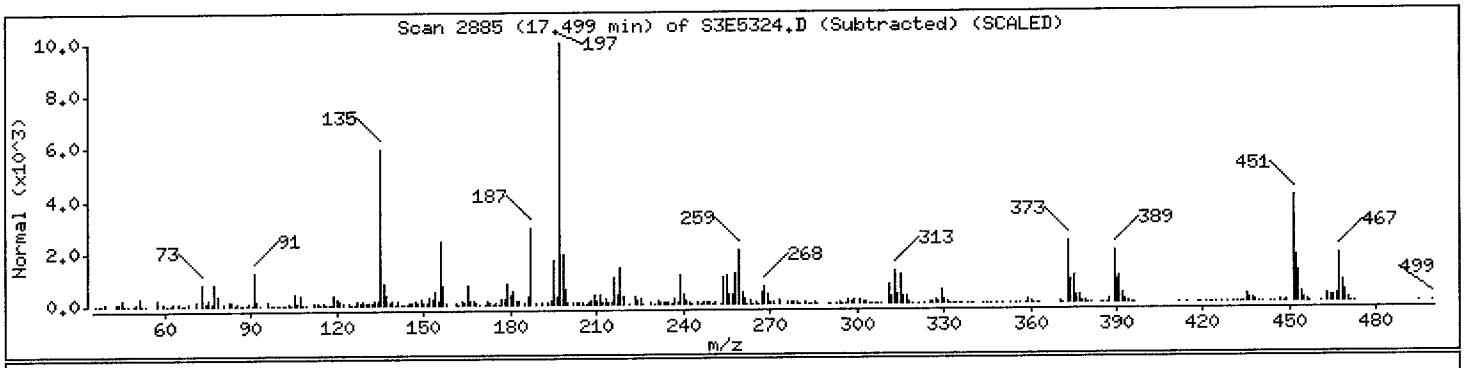
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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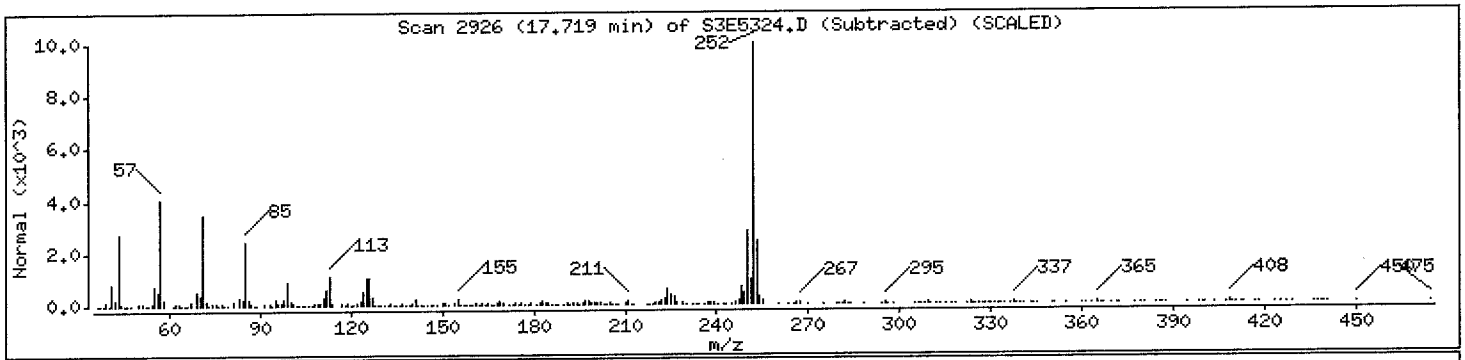
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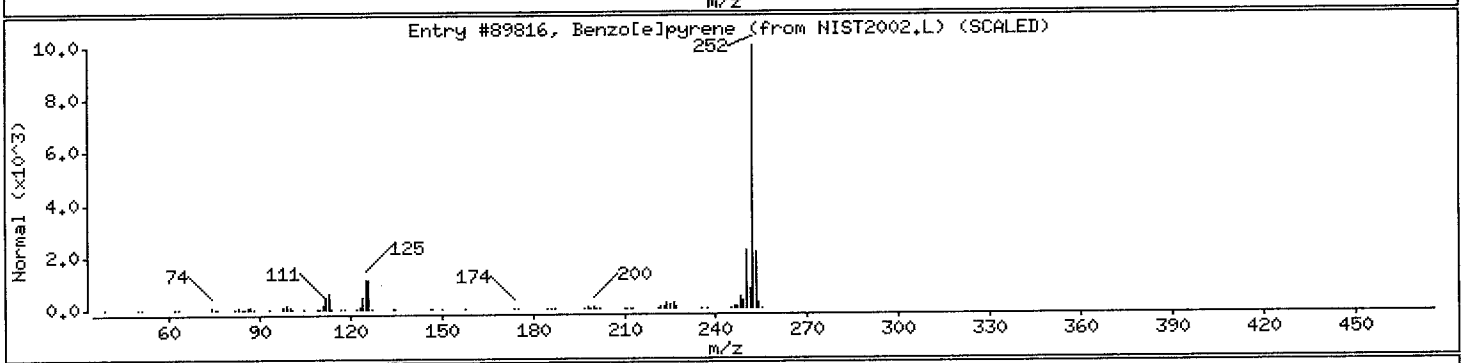
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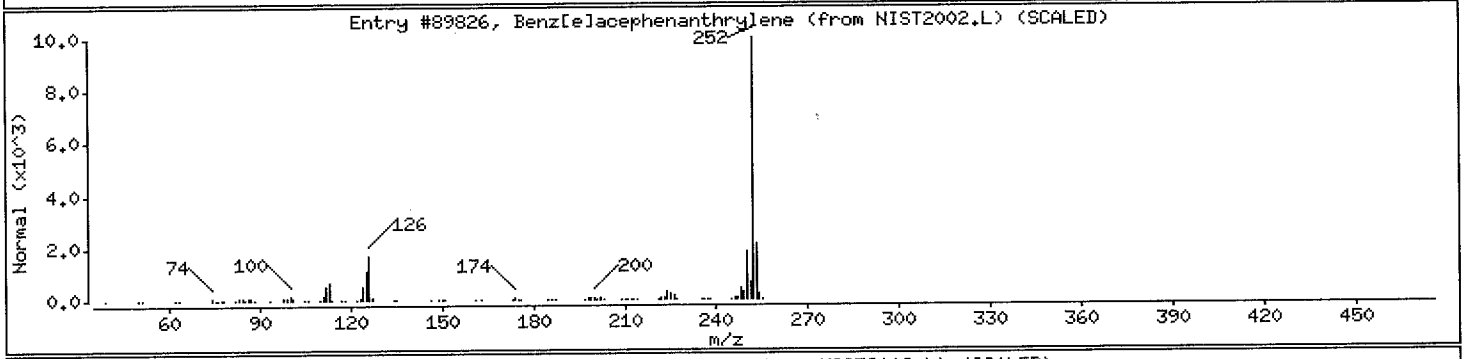
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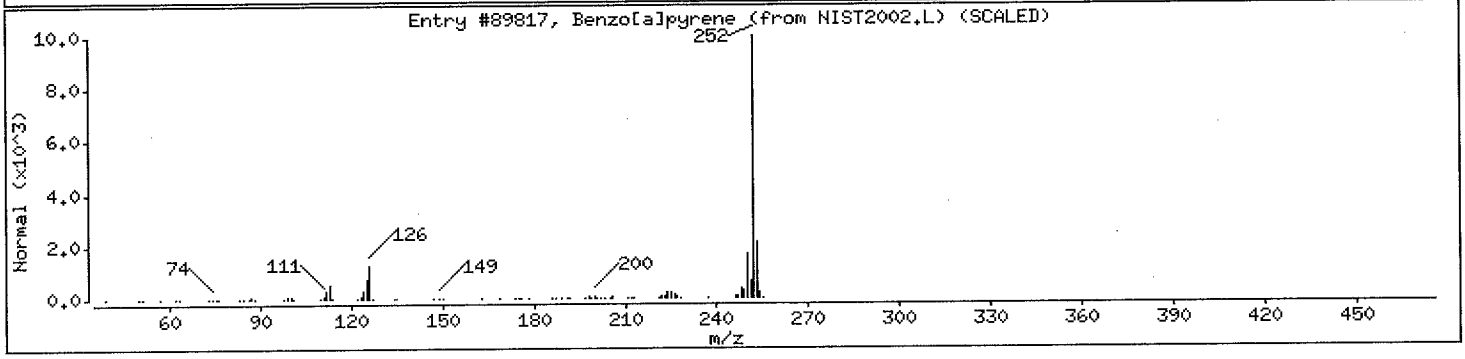
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	NIST2002.L	89816	97	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST2002.L	89826	92	C20H12	252
Benzo[a]pyrene	50-32-8	NIST2002.L	89817	87	C20H12	252









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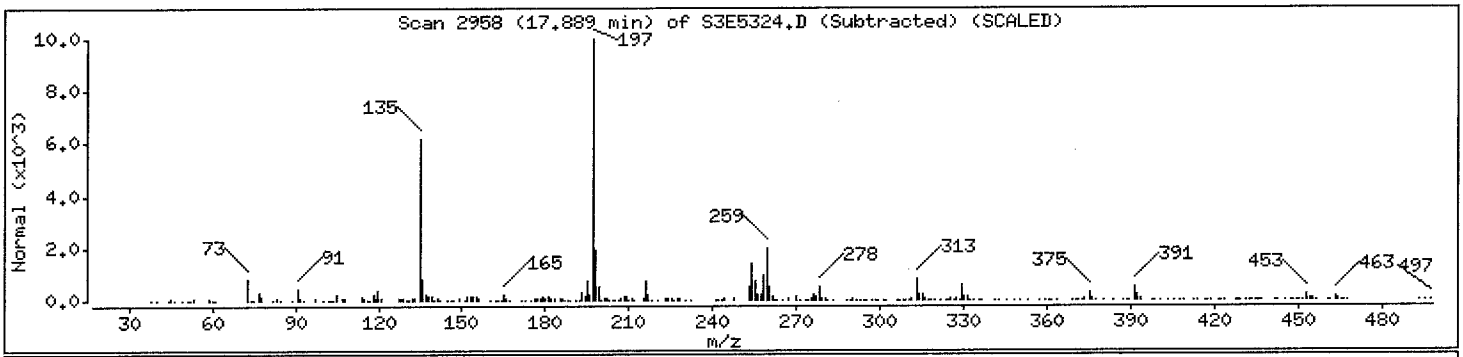
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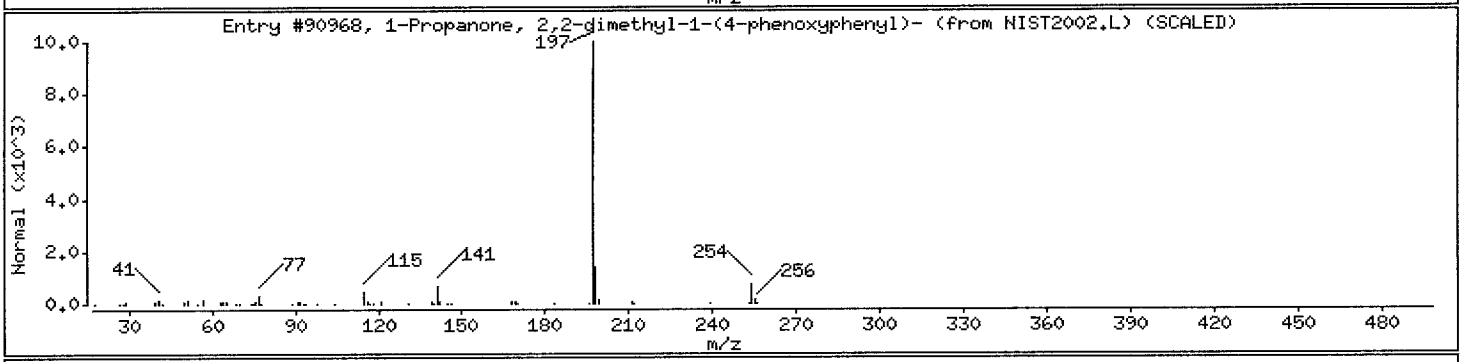
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
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Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

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Instrument: S3.i

Sample Info: F0981-07ARE,,31655,,

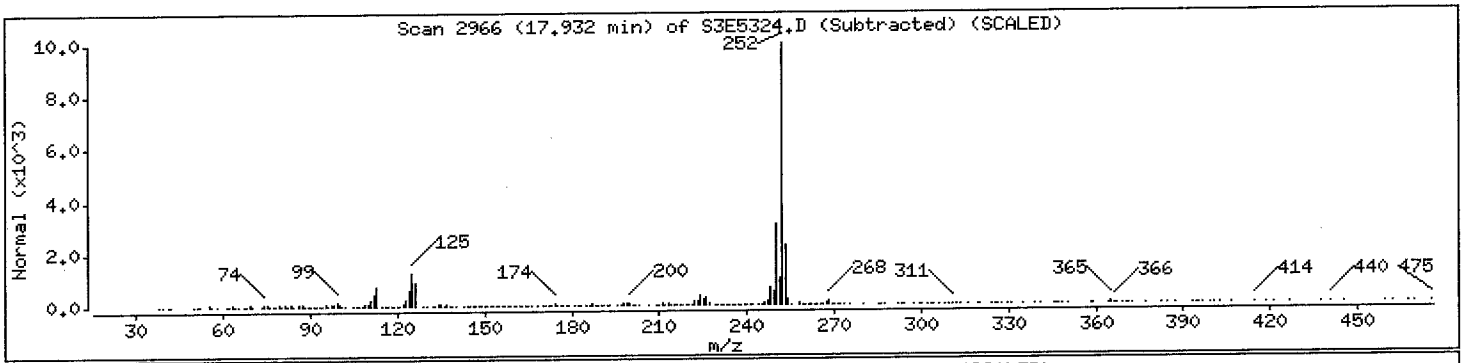
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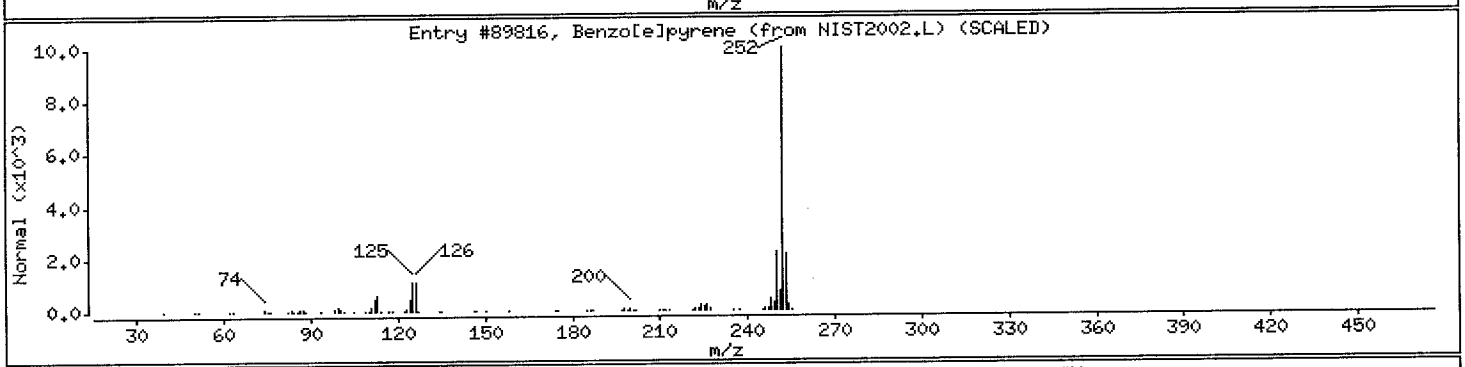
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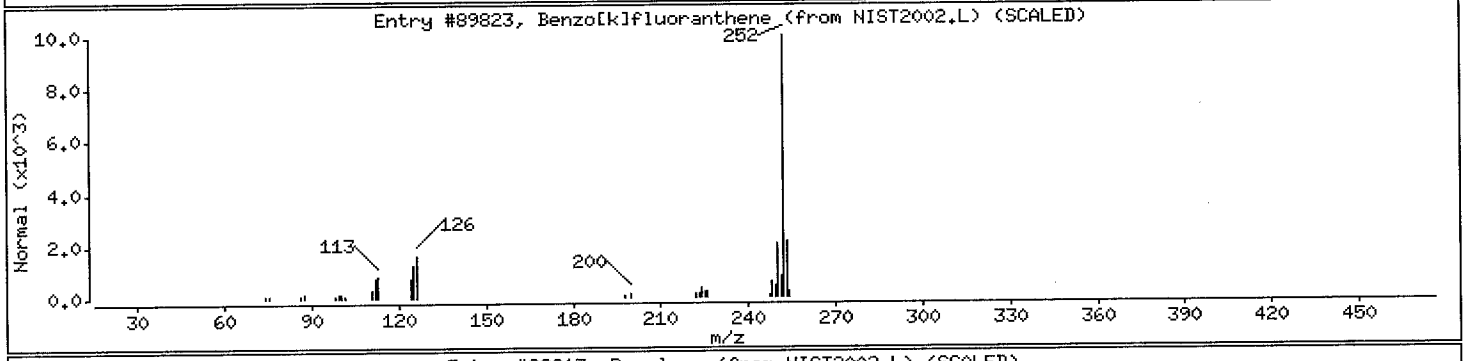
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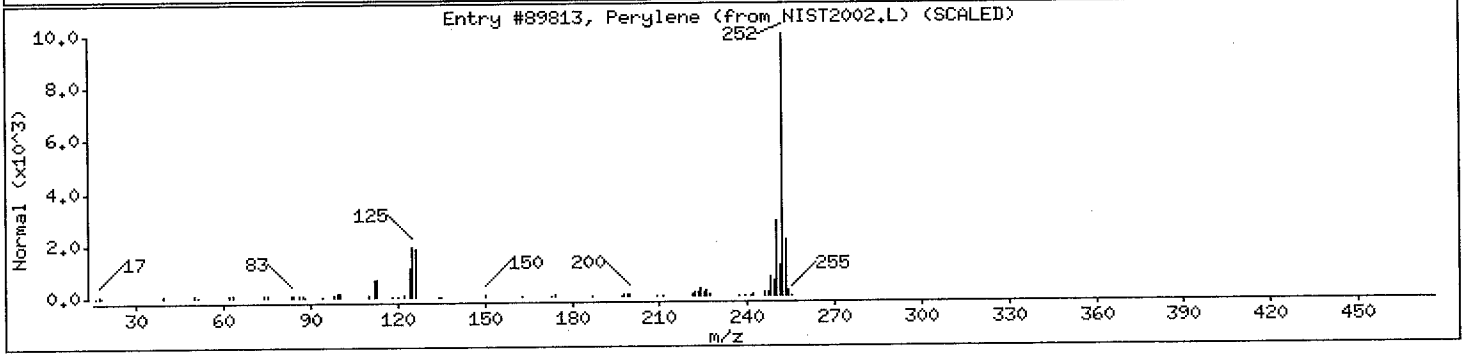
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Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	NIST2002.L	89816	99	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST2002.L	89823	98	C20H12	252
Perylene	198-55-0	NIST2002.L	89813	96	C20H12	252









0522

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5324.D

Date : 15-AUG-2007 13:09

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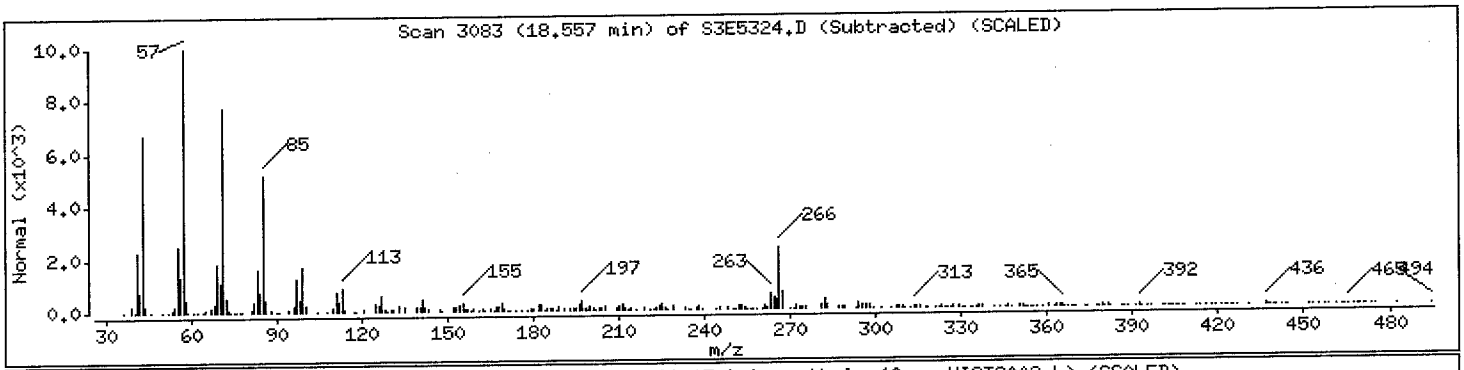
Volume Injected (uL): 2.0

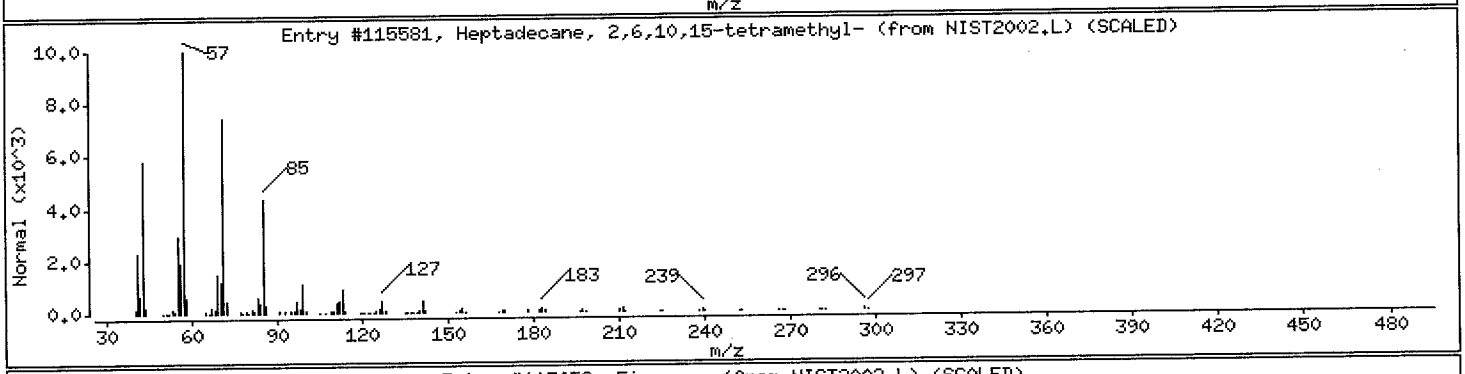
Operator: CLM SRC: LIMS

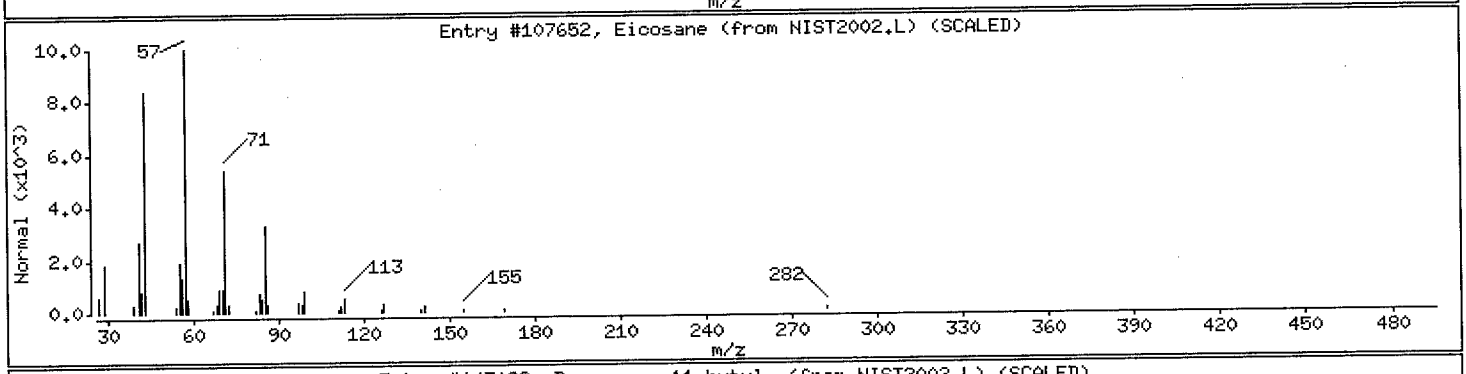
Column phase: DB-5MS

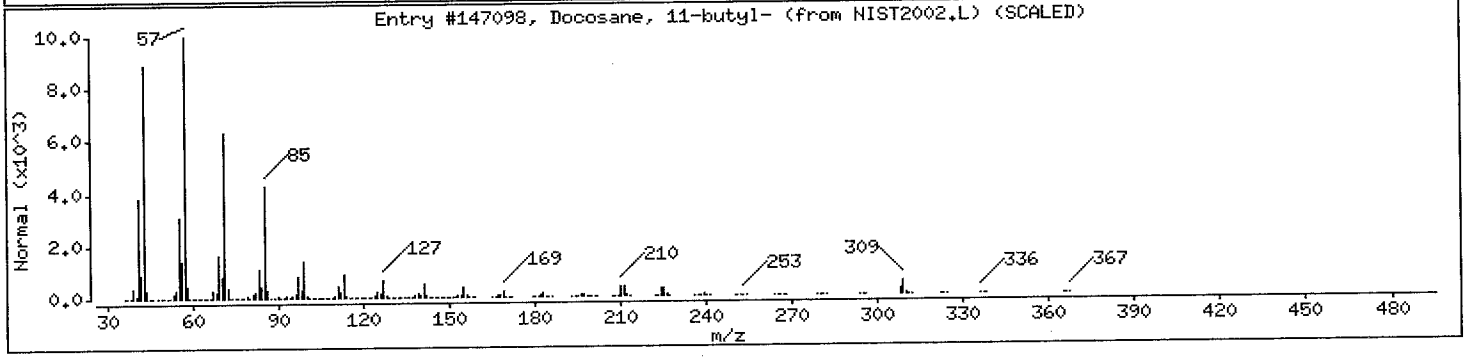
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Heptadecane, 2,6,10,15-tetramethyl-	54833-48-6	NIST2002.L	115581	93	C21H44	296
Eicosane	112-95-8	NIST2002.L	107652	91	C20H42	282
Docosane, 11-butyl-	13475-76-8	NIST2002.L	147098	76	C26H54	366









1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-09A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5195

Level: (low/med) LOW Date Received: 07/24/07

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
92-52-4	1,1'-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	390	U

0524

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

MW-BR09A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-09A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5195

Level: (low/med) LOW Date Received: 07/24/07

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR09A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-09A

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5195

Level: (low/med) LOW Date Received: 07/24/07

% Moisture: 15 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

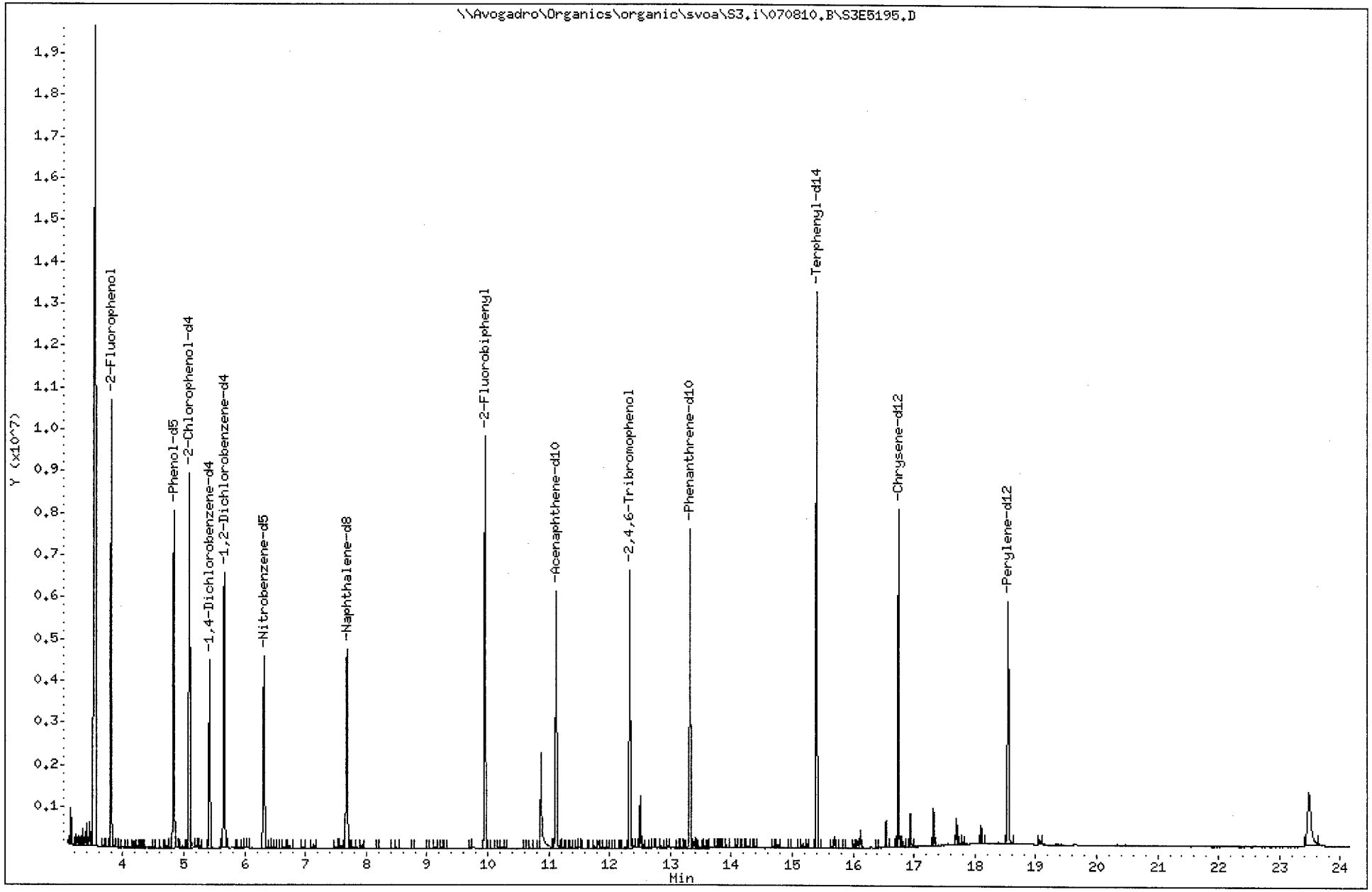
GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	872-05-9	1-DECENE	10.87	350	NJ
2.		UNKNOWN	23.48	500	J
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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26.					
27.					
28.					
29.					
30.					

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5195.D
Date : 10-AUG-2007 16:22
Client ID: MW-BR09
Instrument: S3.i
Sample Info: F0981-09A,,31474,,
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5195.D
Report Date: 15-Aug-2007 11:49

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5195.D
Lab Smp Id: F0981-09A Client Smp ID: MW-BR09
Inj Date : 10-AUG-2007 16:22
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-09A,,31474,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	15.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.809	3.793	(0.702)	2647117	103.383	2000
$	3 Phenol-d5	99	4.835	4.834	(0.892)	3495007	98.6658	1900
$	6 2-Chlorophenol-d4	132	5.091	5.091	(0.939)	2776928	105.019	2100
*	8 1,4-Dichlorobenzene-d4	152	5.422	5.422	(1.000)	853436	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.663	5.662	(1.044)	1314997	66.9757	1300
$	16 Nitrobenzene-d5	82	6.320	6.325	(0.823)	2369700	68.5004	1300
*	23 Naphthalene-d8	136	7.682	7.687	(1.000)	3157715	40.0000	
$	33 2-Fluorobiphenyl	172	9.952	9.952	(0.895)	4483966	67.2701	1300
*	41 Acenaphthene-d10	164	11.122	11.122	(1.000)	1832165	40.0000	
$	53 2,4,6-Tribromophenol	330	12.335	12.335	(0.926)	896878	88.9920	1700
*	58 Phenanthrene-d10	188	13.318	13.318	(1.000)	3153707	40.0000	
$	65 Terphenyl-d14	244	15.401	15.396	(0.920)	4773285	68.6849	1300
*	69 Chrysene-d12	240	16.742	16.742	(1.000)	3403317	40.0000	
*	76 Perylene-d12	264	18.542	18.542	(1.000)	3025273	40.0000	

8/15/07 SW

Data File: S3E5195.D
Report Date: 15-Aug-2007 11:49

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5195.D
Lab Smp Id: F0981-09A Client Smp ID: MW-BR09
Inj Date : 10-AUG-2007 16:22
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-09A,,31474,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	15.000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.123	8354329	40.000
* 58 Phenanthrene-d10	13.318	8792236	40.000
* 69 Chrysene-d12	16.743	9389259	40.000
* 76 Perylene-d12	18.543	8763026	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
1-Decene			CAS #: 872-05-9				
10.872	3735068	17.8832676	350	94	NIST2002.L	17264	41
Cyclic Alkane			CAS #:				
12.501	1225313	5.57452181	110	0		0	58
Straight-chain Alkane			CAS #:				
17.320	985138	4.19687021	82	0		0	69

Data File: S3E5195.D
Report Date: 15-Aug-2007 11:49

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown				CAS #:			
23.479	5585054	25.4937205	500	0		0	76

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5195.D

Date : 10-AUG-2007 16:22

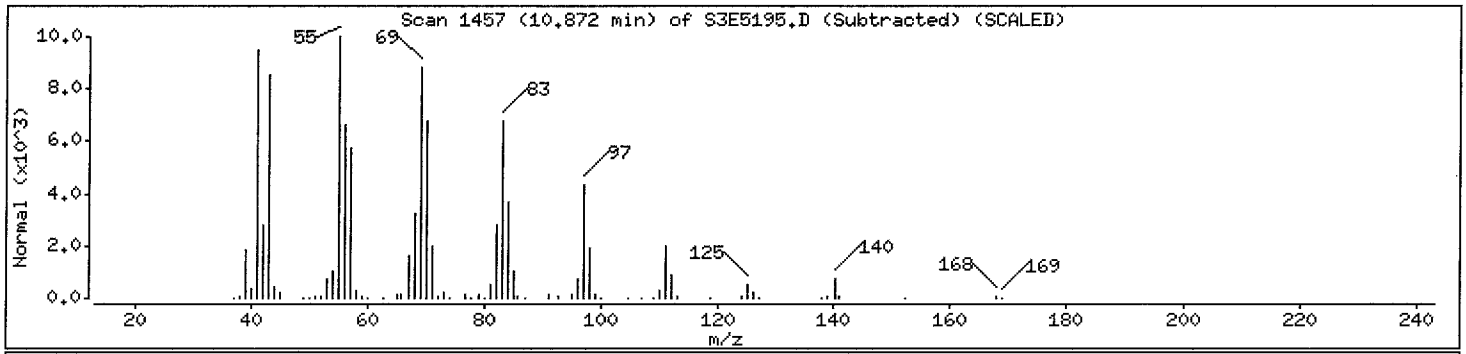
Client ID: MW-BR09 Instrument: S3.i

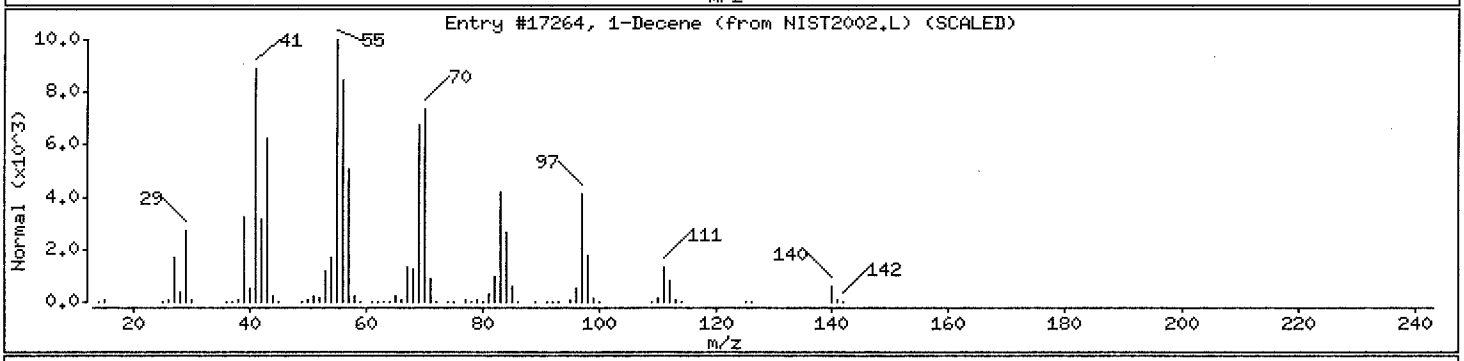
Sample Info: F0981-09A,,31474,,

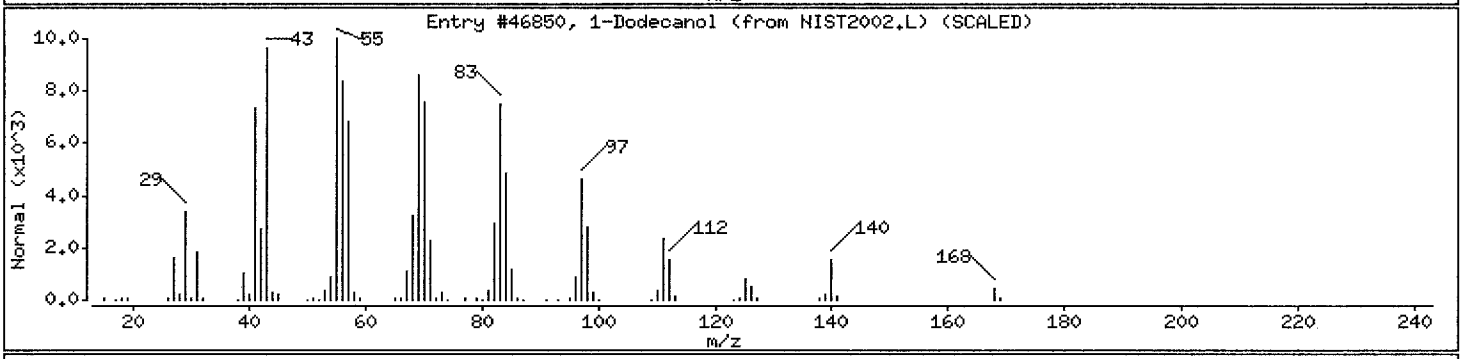
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

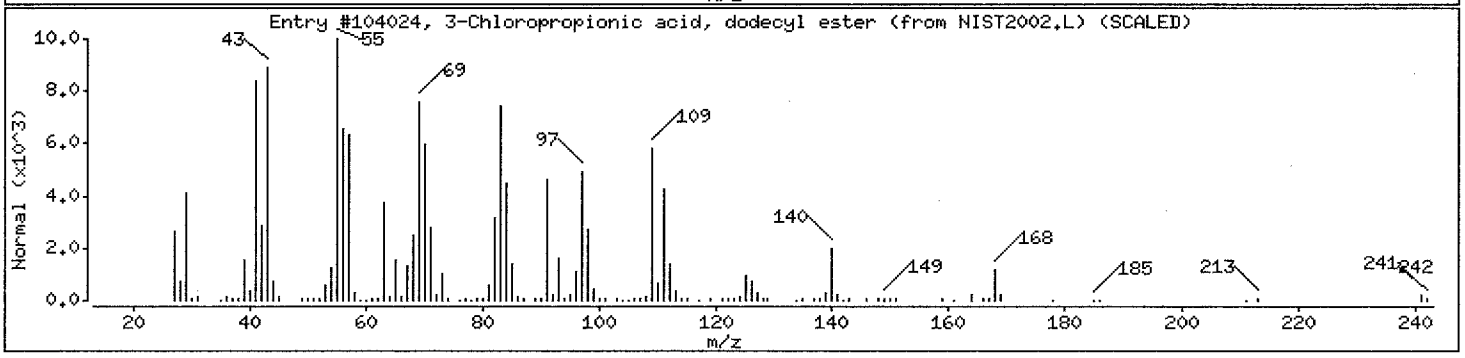
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Decene	872-05-9	NIST2002.L	17264	94	C10H20	140
1-Dodecanol	112-53-8	NIST2002.L	46850	91	C12H26O	186
3-Chloropropionic acid, dodecyl ester	74316-16-8	NIST2002.L	104024	91	C15H29ClO2	276









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5195.D

Date : 10-AUG-2007 16:22

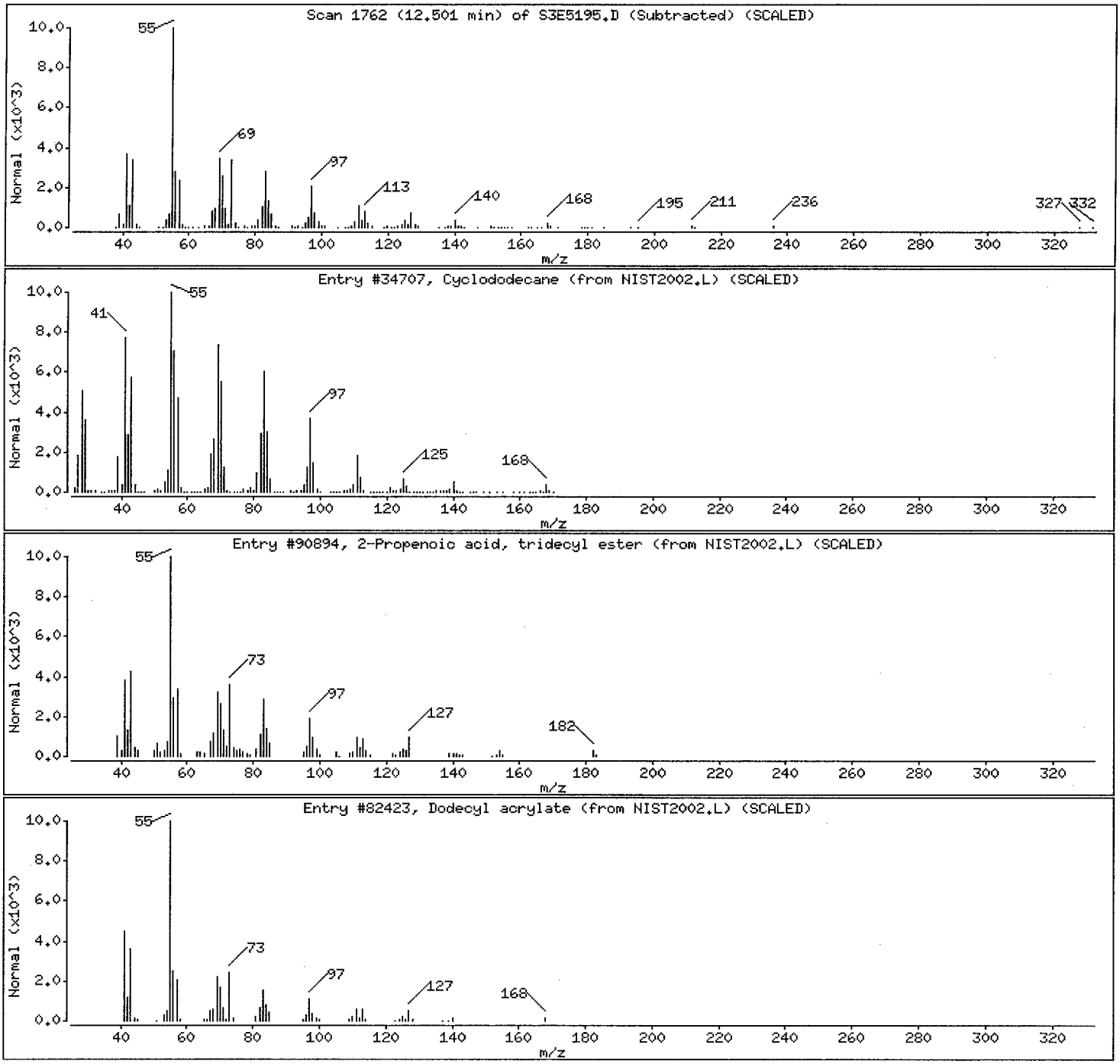
Client ID: MW-BR09 Instrument: S3.i

Sample Info: F0981-09A,,31474,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST2002.L	34707	92	C12H24	168
2-Propenoic acid, tridecyl ester	3076-04-8	NIST2002.L	90894	91	C16H30O2	254
Dodecyl acrylate	2156-97-0	NIST2002.L	82423	91	C15H28O2	240



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5195.D

Date : 10-AUG-2007 16:22

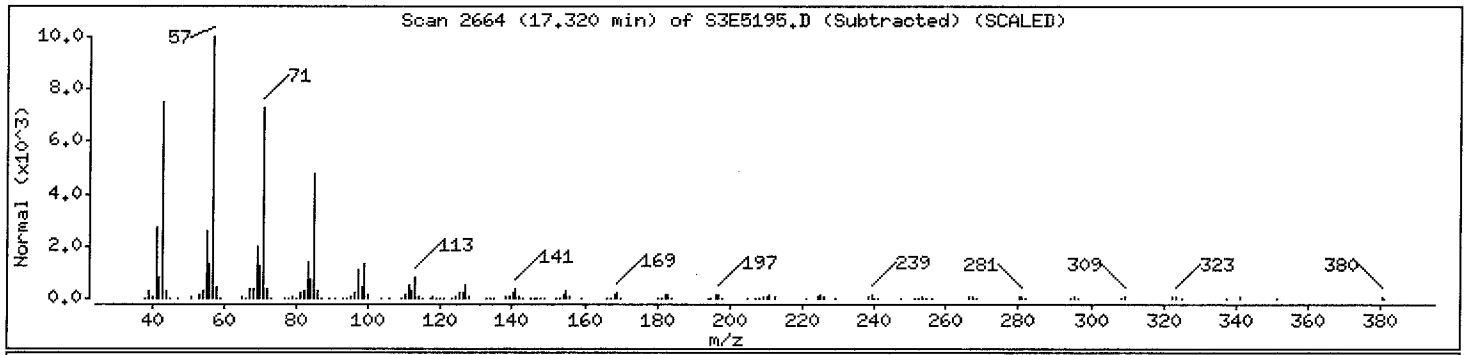
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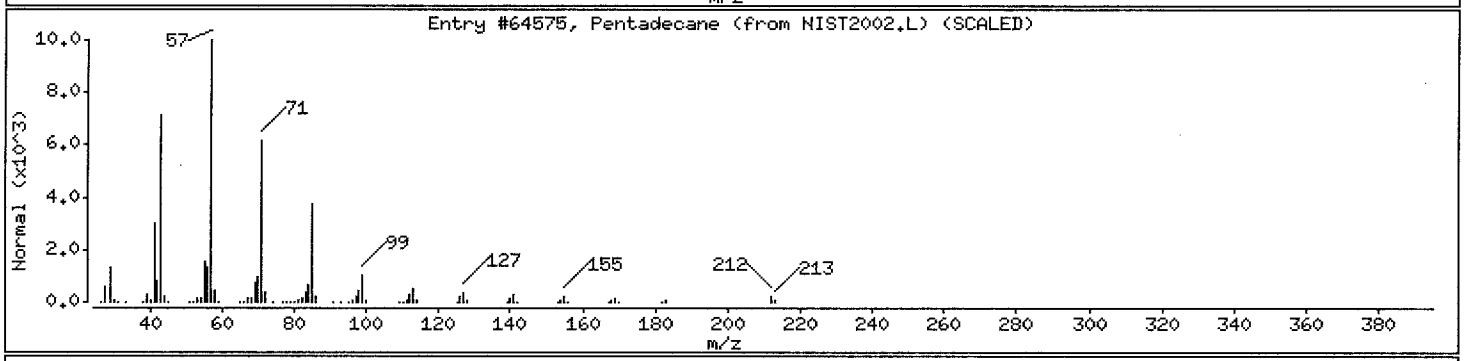
Sample Info: F0981-09A,,31474,,

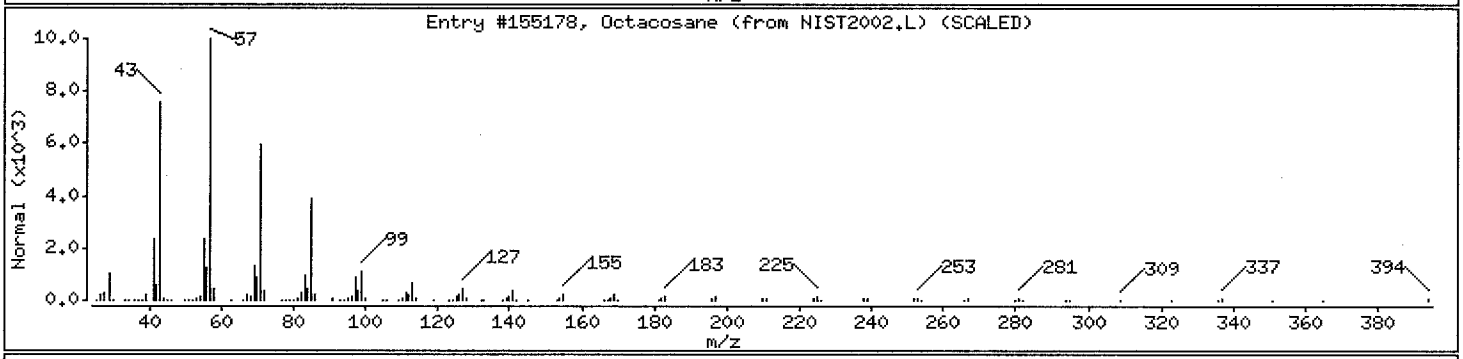
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

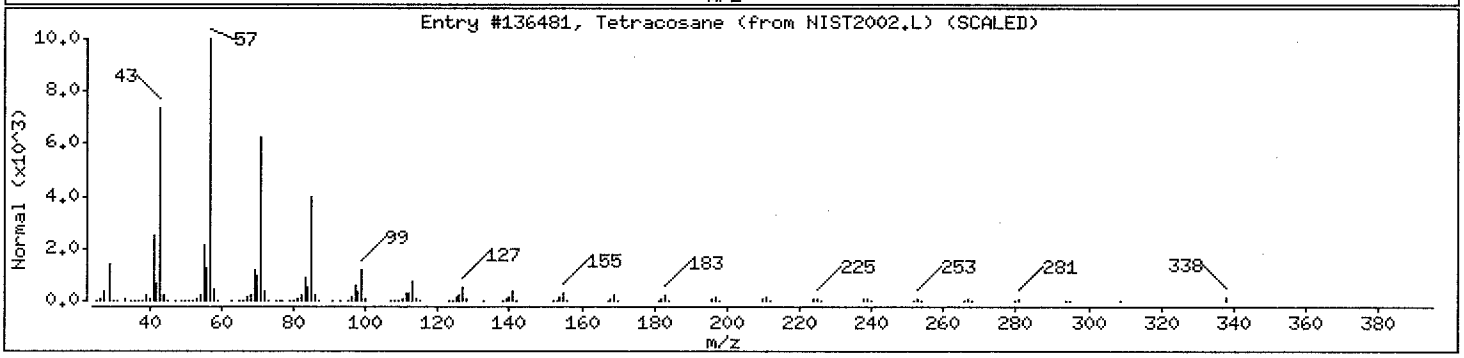
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-chain Alkane						
Pentadecane	629-62-9	NIST2002.L	64575	94	C15H32	212
Octacosane	630-02-4	NIST2002.L	155178	91	C28H58	394
Tetracosane	646-31-1	NIST2002.L	136481	91	C24H50	338









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5195.D

Date : 10-AUG-2007 16:22

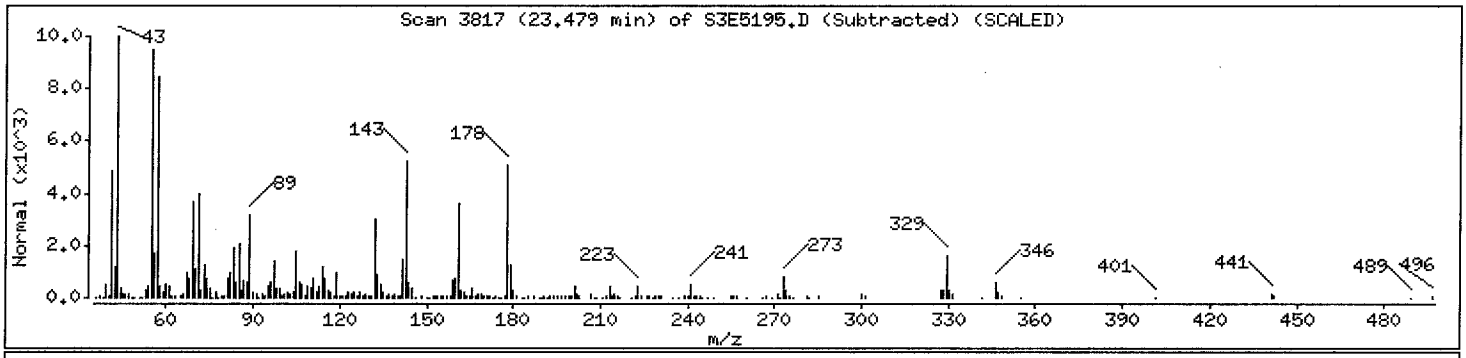
Client ID: MW-BR09 Instrument: S3.i

Sample Info: F0981-09A,,31474,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-08A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E5206

Level: (low/med) LOW Date Received: 07/20/07

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	360	U
108-95-2	Phenol	360	U
111-44-4	bis(2-Chloroethyl)Ether	360	U
95-57-8	2-Chlorophenol	360	U
95-48-7	2-Methylphenol	360	U
108-60-1	2,2'-oxybis(1-Chloropropane)	360	U
98-86-2	Acetophenone	360	U
106-44-5	4-Methylphenol	360	U
621-64-7	N-Nitroso-di-n-propylamine	360	U
67-72-1	Hexachloroethane	360	U
98-95-3	Nitrobenzene	360	U
78-59-1	Isophorone	360	U
88-75-5	2-Nitrophenol	360	U
105-67-9	2,4-Dimethylphenol	360	U
111-91-1	bis(2-Chloroethoxy)methane	360	U
120-83-2	2,4-Dichlorophenol	360	U
91-20-3	Naphthalene	360	U
106-47-8	4-Chloroaniline	360	U
87-68-3	Hexachlorobutadiene	360	U
105-60-2	Caprolactam	98	J
59-50-7	4-Chloro-3-Methylphenol	360	U
91-57-6	2-Methylnaphthalene	360	U
77-47-4	Hexachlorocyclopentadiene	360	U
88-06-2	2,4,6-Trichlorophenol	360	U
95-95-4	2,4,5-Trichlorophenol	910	U
92-52-4	1,1'-Biphenyl	360	U
91-58-7	2-Chloronaphthalene	360	U
88-74-4	2-Nitroaniline	910	U
131-11-3	Dimethylphthalate	360	U
606-20-2	2,6-Dinitrotoluene	360	U
208-96-8	Acenaphthylene	360	U
99-09-2	3-Nitroaniline	910	U
83-32-9	Acenaphthene	360	U

0535

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-08A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E5206

Level: (low/med) LOW Date Received: 07/20/07

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	910	U
100-02-7	4-Nitrophenol	910	U
132-64-9	Dibenzofuran	360	U
121-14-2	2,4-Dinitrotoluene	360	U
84-66-2	Diethylphthalate	360	U
86-73-7	Fluorene	360	U
7005-72-3	4-Chlorophenyl-phenylether	360	U
100-01-6	4-Nitroaniline	910	U
534-52-1	4,6-Dinitro-2-methylphenol	910	U
86-30-6	N-Nitrosodiphenylamine (1)	360	U
101-55-3	4-Bromophenyl-phenylether	360	U
118-74-1	Hexachlorobenzene	360	U
1912-24-9	Atrazine	360	U
87-86-5	Pentachlorophenol	910	U
85-01-8	Phenanthrene	360	U
120-12-7	Anthracene	360	U
86-74-8	Carbazole	360	U
84-74-2	Di-n-butylphthalate	360	U
206-44-0	Fluoranthene	360	U
129-00-0	Pyrene	360	U
85-68-7	Butylbenzylphthalate	360	U
91-94-1	3,3'-Dichlorobenzidine	360	U
56-55-3	Benzo(a)anthracene	360	U
218-01-9	Chrysene	360	U
117-81-7	bis(2-Ethylhexyl)phthalate	61	J
117-84-0	Di-n-octylphthalate	360	U
205-99-2	Benzo(b)fluoranthene	360	U
207-08-9	Benzo(k)fluoranthene	360	U
50-32-8	Benzo(a)pyrene	360	U
193-39-5	Indeno(1,2,3-cd)pyrene	360	U
53-70-3	Dibenzo(a,h)anthracene	360	U
191-24-2	Benzo(g,h,i)perylene	360	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

MW-BR09B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-08A

Sample wt/vol: 30.3 (g/mL) G Lab File ID: S3E5206

Level: (low/med) LOW Date Received: 07/20/07

% Moisture: 10 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2 Extraction: (Type) SONC

Number TICs found: 3

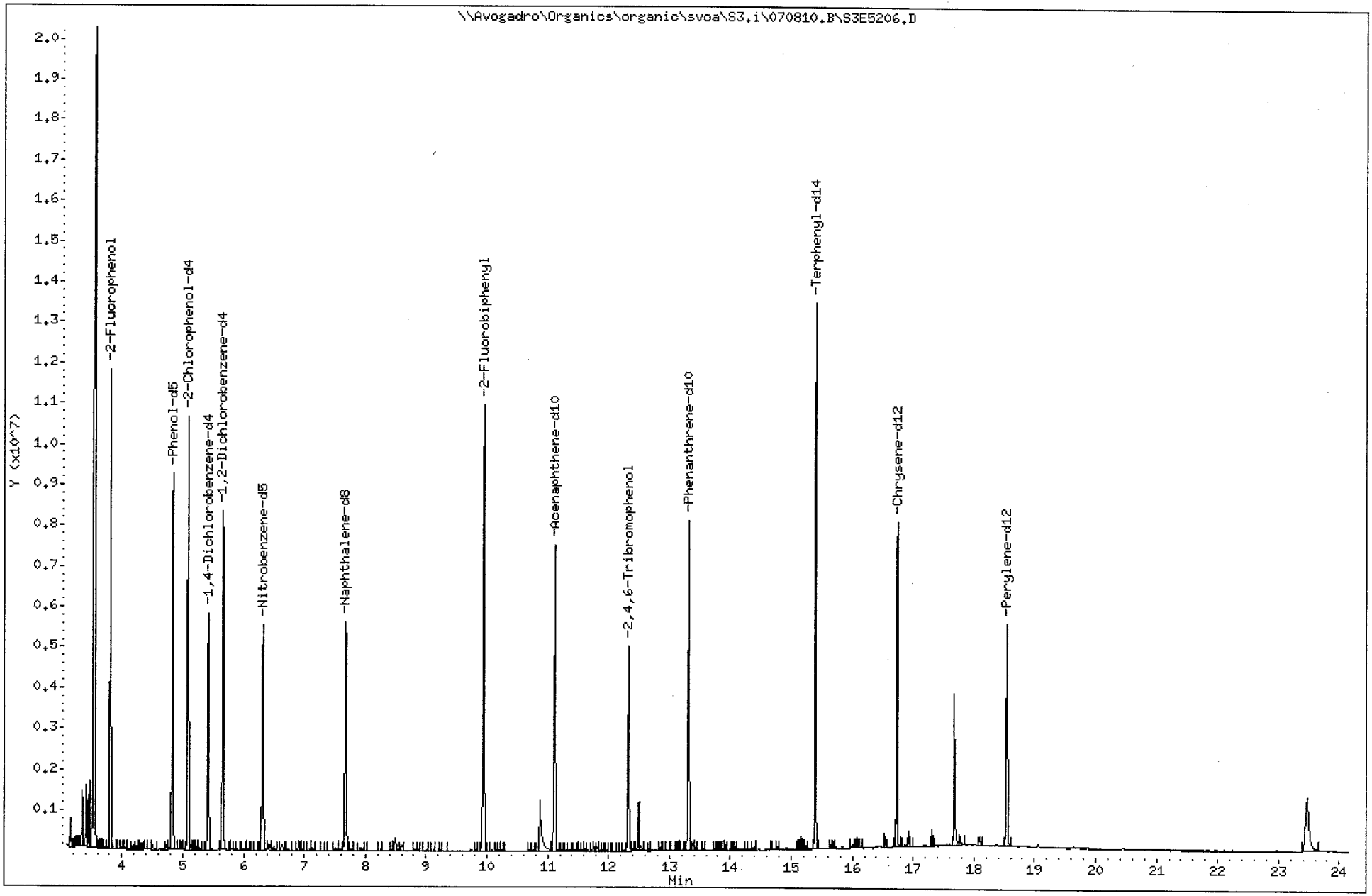
CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/Kg

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	872-05-9	1-DECENE	10.87	220	NJ
2.	301-02-0	9-OCTADECENAMIDE, (Z)-	17.67	470	NJ
3.		UNKNOWN	23.47	510	J
4.					
5.					
6.					
7.					
8.					
9.					
10.					
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26.					
27.					
28.					
29.					
30.					

0557

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5206.D
Date : 10-AUG-2007 22:02
Client ID: MW-BR09
Sample Info: F0981-08A,,31309,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: LIMS
Column diameter: 0.25



6559

Data File: S3E5206.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5206.D
Lab Smp Id: F0981-08A Client Smp ID: MW-BR09
Inj Date : 10-AUG-2007 22:02
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-08A,,31309,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	10.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.815	3.793	(0.704)	3072228	85.2003	1600
$	3 Phenol-d5	99	4.835	4.834	(0.893)	4272055	85.6386	1600
$	6 2-Chlorophenol-d4	132	5.087	5.091	(0.939)	3310846	88.9110	1600
*	8 1,4-Dichlorobenzene-d4	152	5.418	5.422	(1.000)	1201869	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.658	5.662	(1.044)	1807206	65.3603	1200
$	16 Nitrobenzene-d5	82	6.315	6.325	(0.823)	3102115	68.7131	1300
*	23 Naphthalene-d8	136	7.677	7.687	(1.000)	4120888	40.0000	
	27 Caprolactam	113	8.495	8.579	(1.106)	61744	5.34800	98(a)
$	33 2-Fluorobiphenyl	172	9.948	9.952	(0.895)	5604018	67.7864	1200
*	41 Acenaphthene-d10	164	11.118	11.122	(1.000)	2272380	40.0000	
$	53 2,4,6-Tribromophenol	330	12.330	12.335	(0.926)	702546	62.0274	1100
*	58 Phenanthrene-d10	188	13.313	13.318	(1.000)	3544298	40.0000	
$	65 Terphenyl-d14	244	15.397	15.396	(0.920)	4922669	72.0162	1300
*	69 Chrysene-d12	240	16.738	16.742	(1.000)	3347473	40.0000	
	71 bis(2-Ethylhexyl)phthalate	149	16.706	16.705	(0.998)	169980	3.32187	61(a)
*	76 Perylene-d12	264	18.538	18.542	(1.000)	2909305	40.0000	

8/15/07 SW

Data File: S3E5206.D
Report Date: 15-Aug-2007 11:50

QC Flag Legend

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

Data File: S3E5206.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5206.D
Lab Smp Id: F0981-08A Client Smp ID: MW-BR09
Inj Date : 10-AUG-2007 22:02
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-08A,,31309,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	10.000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.118	10295777	40.000
* 58 Phenanthrene-d10	13.314	9910162	40.000
* 76 Perylene-d12	18.539	8088728	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
1-Decene				CAS #: 872-05-9			
10.873	3072286	11.9361026	220	95	NIST2002.L	17264	41
Cyclic Alkane				CAS #:			
12.502	1311945	5.29535191	97	0		0	58
9-Octadecenamide, (Z)-				CAS #: 301-02-0			
17.673	5213105	25.7796010	470	91	NIST2002.L	106874	76

Data File: S3E5206.D
Report Date: 15-Aug-2007 11:50

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown				CAS #:			
23.469	5626291	27.8228683	510	0		0	76

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5206.D

Date : 10-AUG-2007 22:02

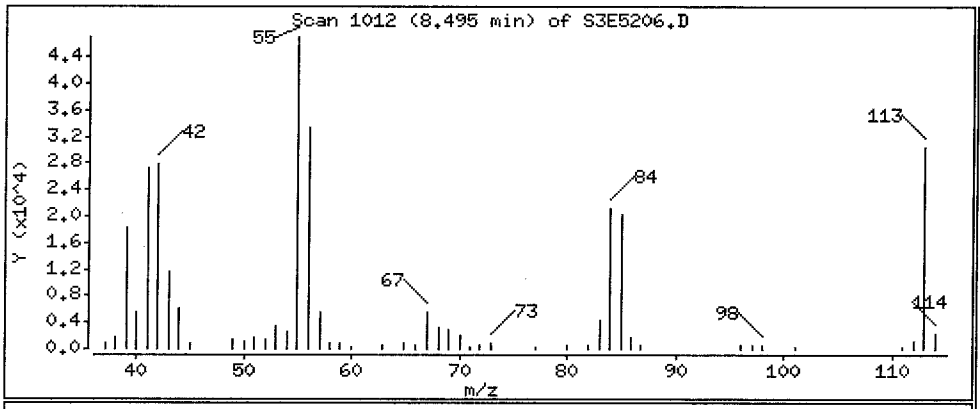
Client ID: MW-BR09 Instrument: S3.i

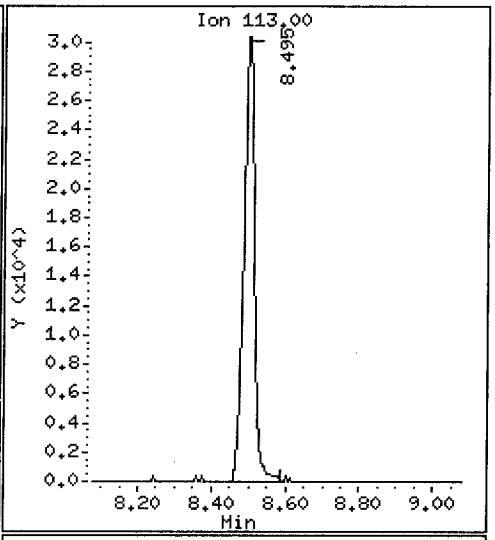
Sample Info: F0981-08A,,31309,,

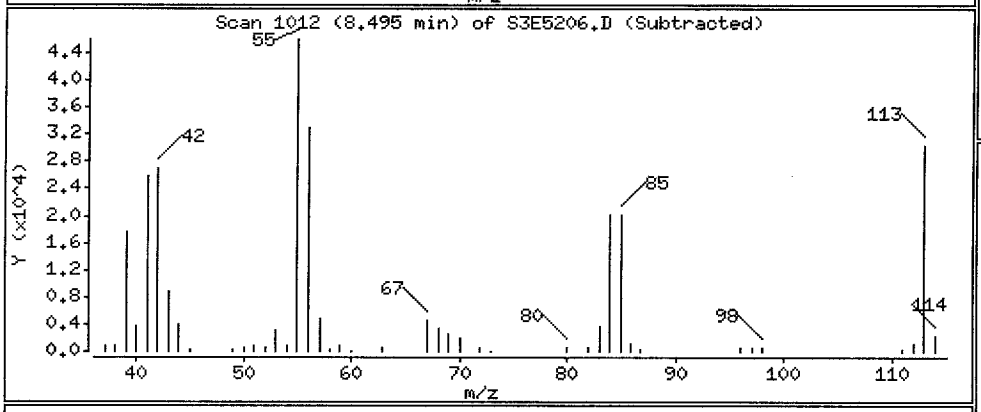
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

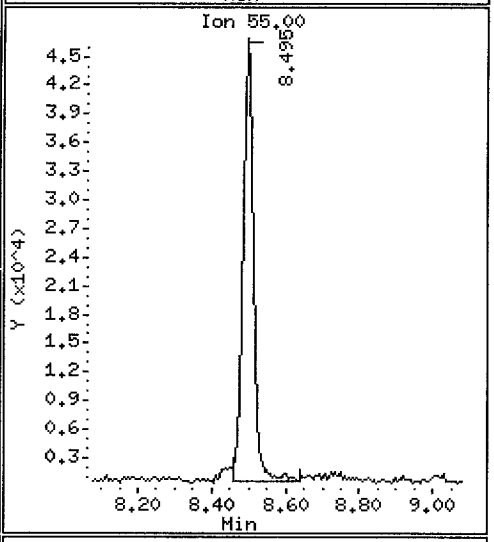
Column phase: DB-5MS Column diameter: 0.25

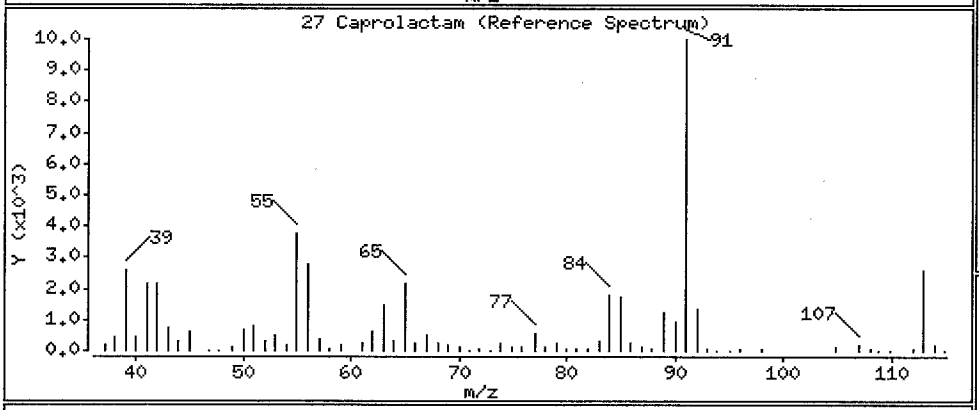
27 Caprolactam Concentration: 98 ug/Kg

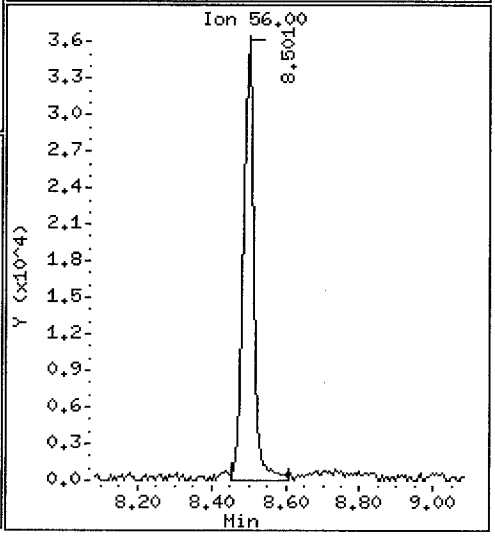


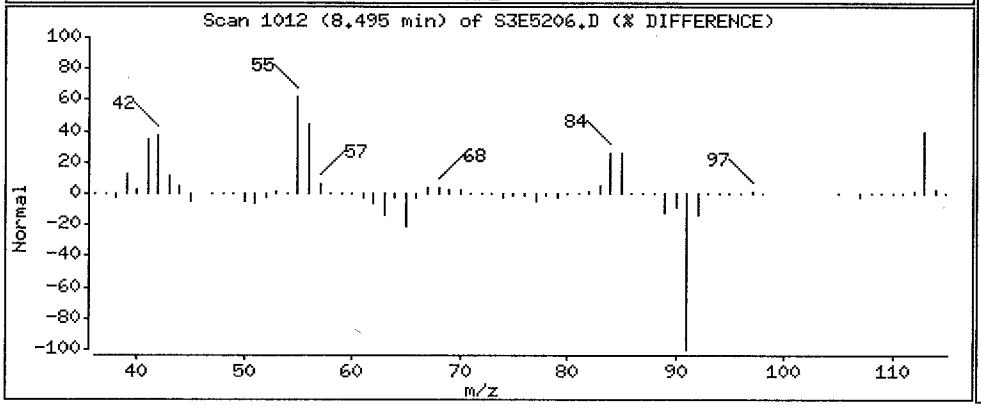












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Date : 10-AUG-2007 22:02

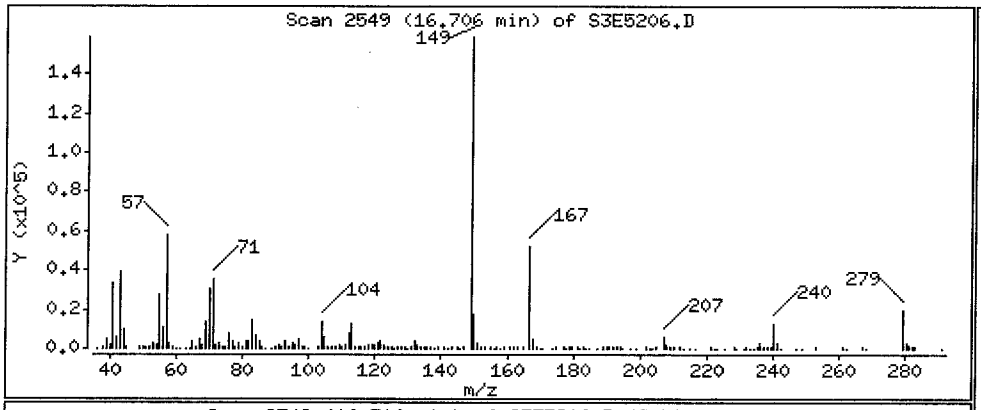
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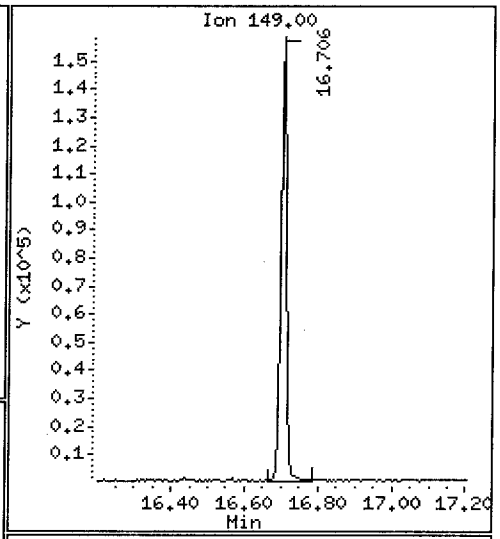
Sample Info: F0981-08A,,31309,,

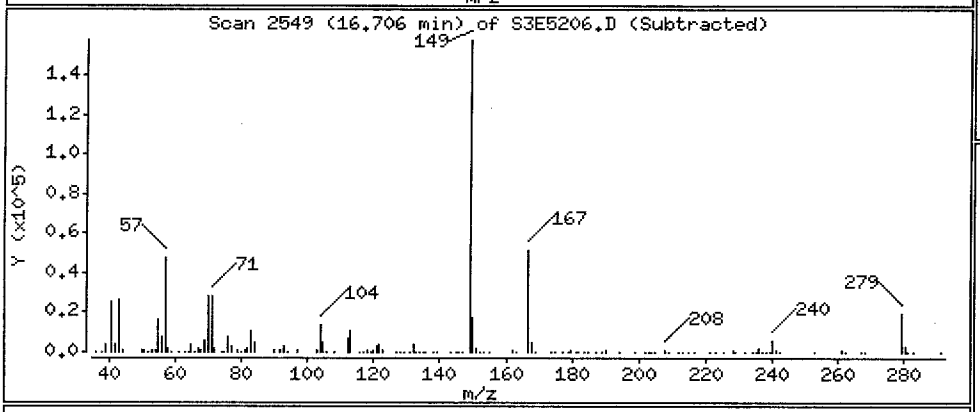
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

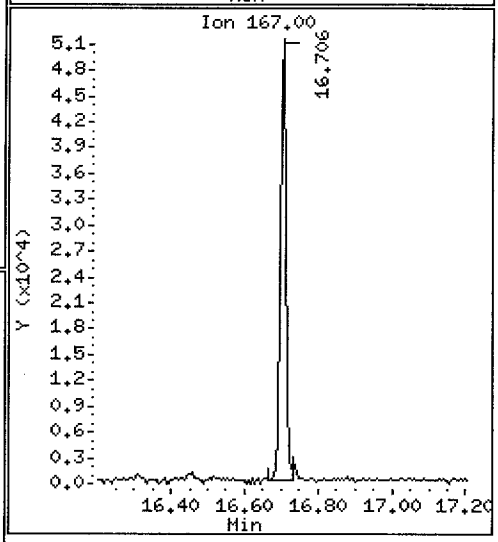
Column phase: DB-5MS Column diameter: 0.25

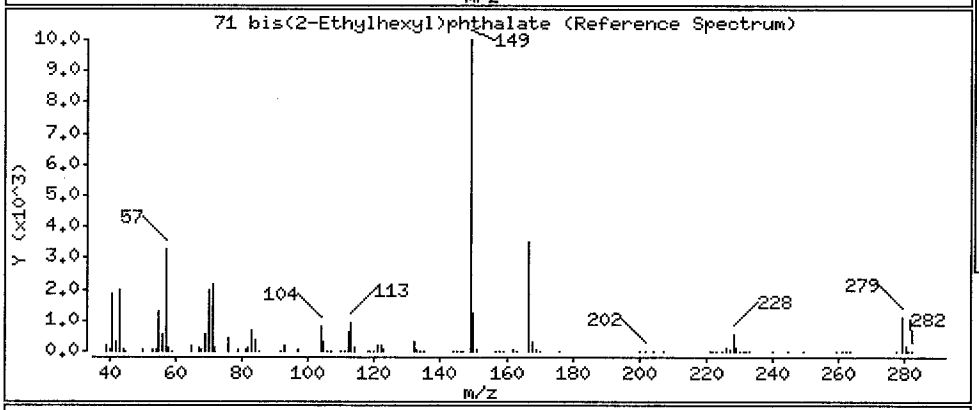
71 bis(2-Ethylhexyl)phthalate Concentration: 61 ug/Kg

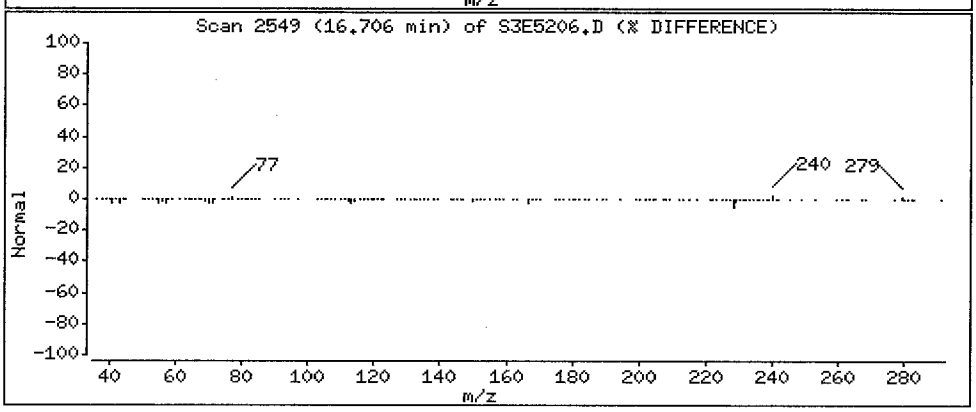












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5206.D

Date : 10-AUG-2007 22:02

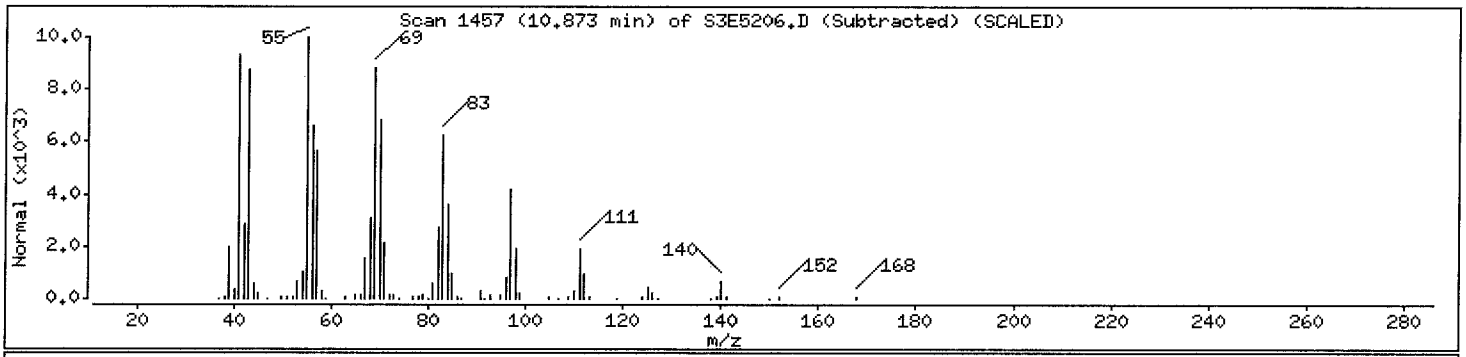
Client ID: MW-BR09 Instrument: S3.i

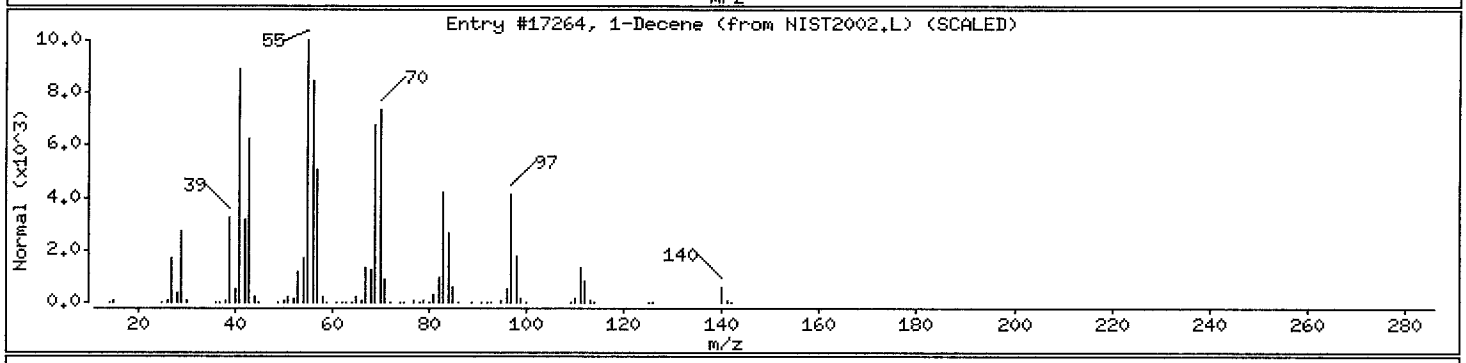
Sample Info: F0981-08A,,31309,,

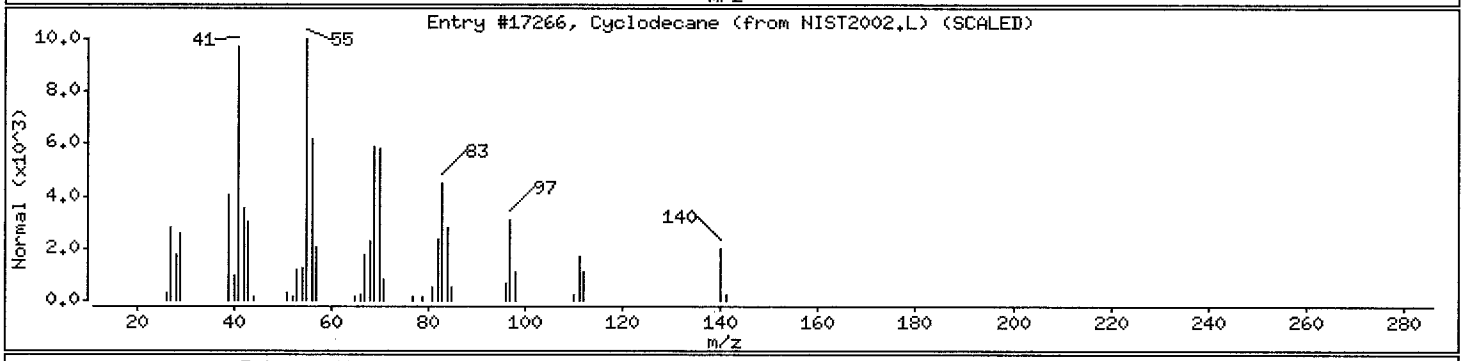
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

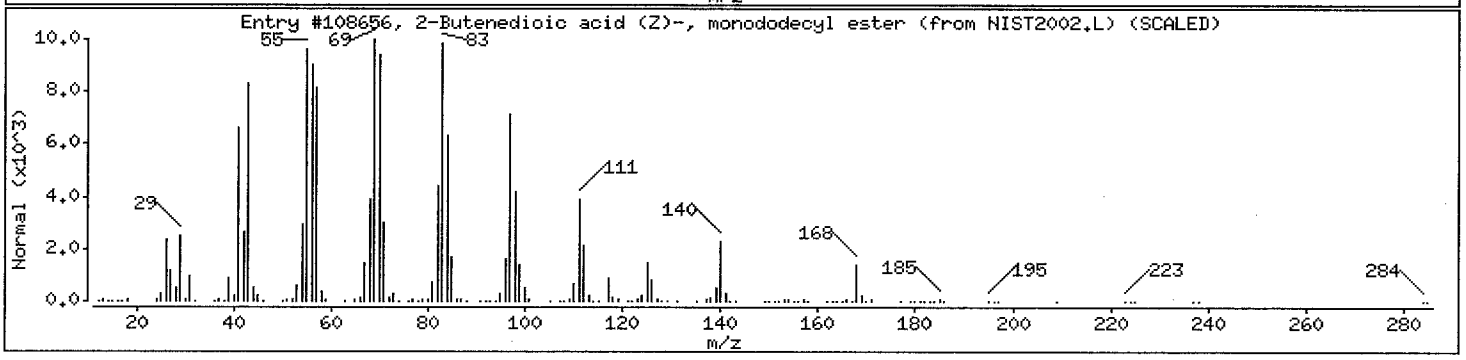
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Decene	872-05-9	NIST2002.L	17264	95	C10H20	140
Cyclodecane	293-96-9	NIST2002.L	17266	91	C10H20	140
2-Butenedioic acid (Z)-, monododecyl est	2424-61-5	NIST2002.L	108656	91	C16H2804	284









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5206.D

Date : 10-AUG-2007 22:02

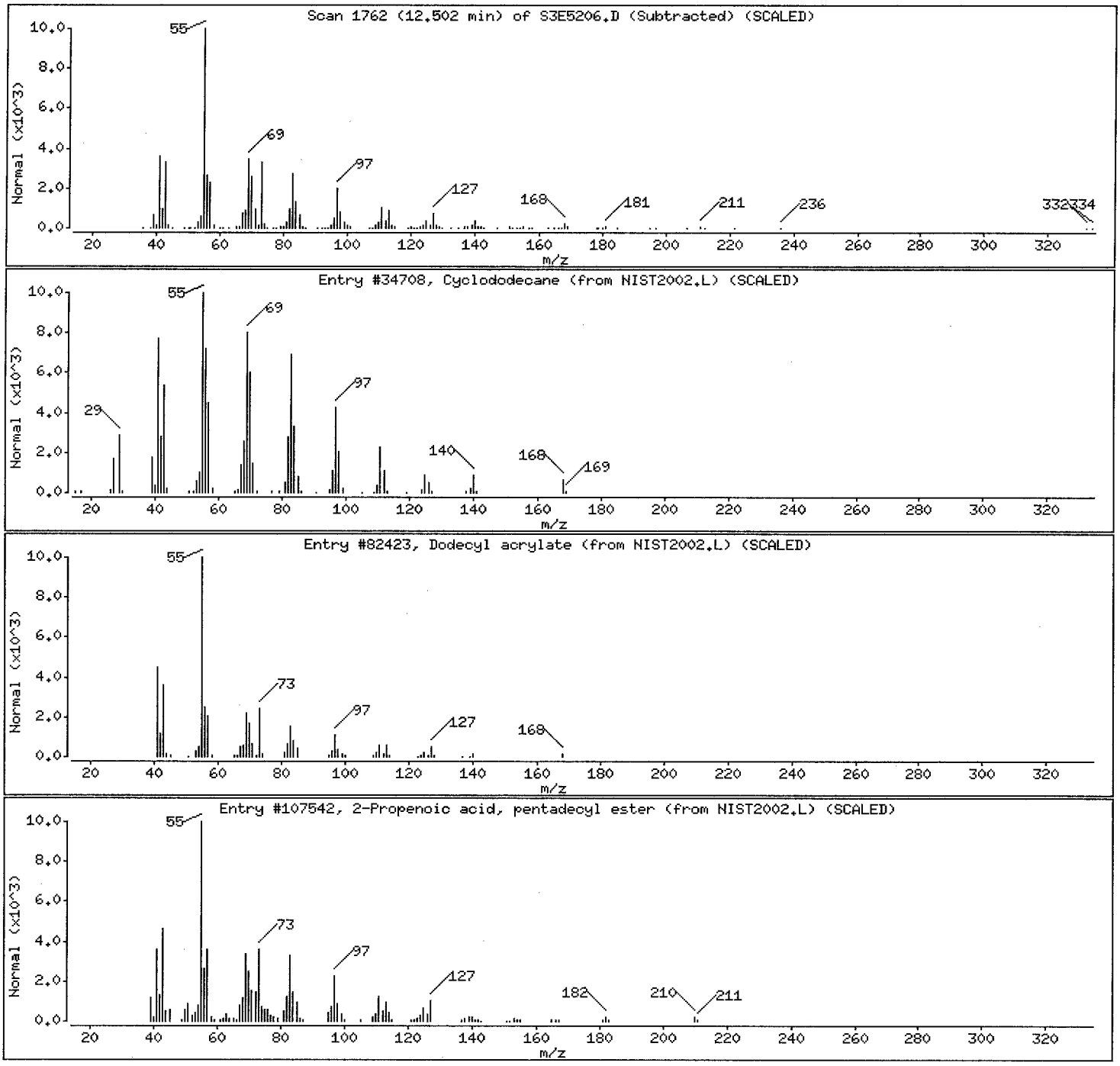
Client ID: MW-BR09 Instrument: S3.i

Sample Info: F0981-08A,,31309,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST2002.L	34708	96	C12H24	168
Dodecyl acrylate	2156-97-0	NIST2002.L	82423	91	C15H28O2	240
2-Propenoic acid, pentadecyl ester	43080-23-5	NIST2002.L	107542	90	C18H34O2	282



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5206.D

Date : 10-AUG-2007 22:02

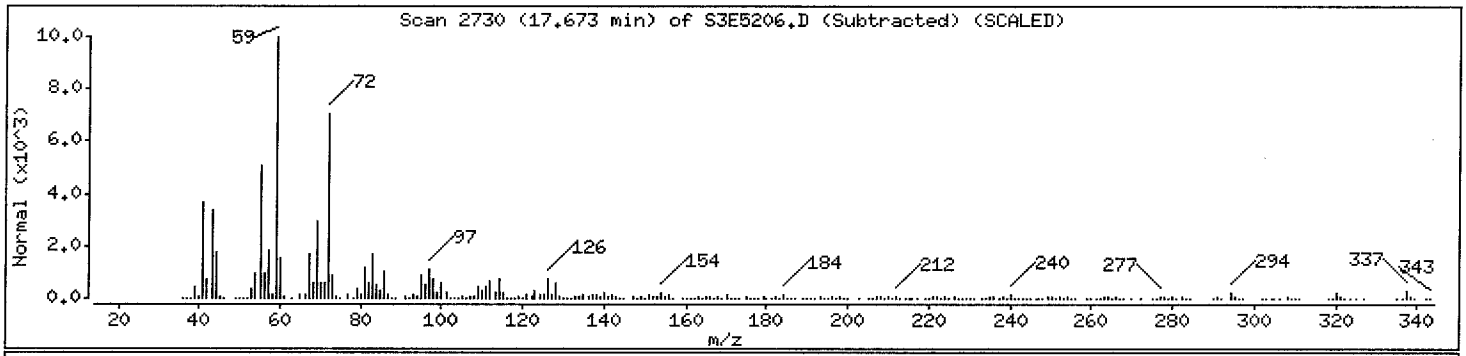
Client ID: MW-BR09 Instrument: S3.i

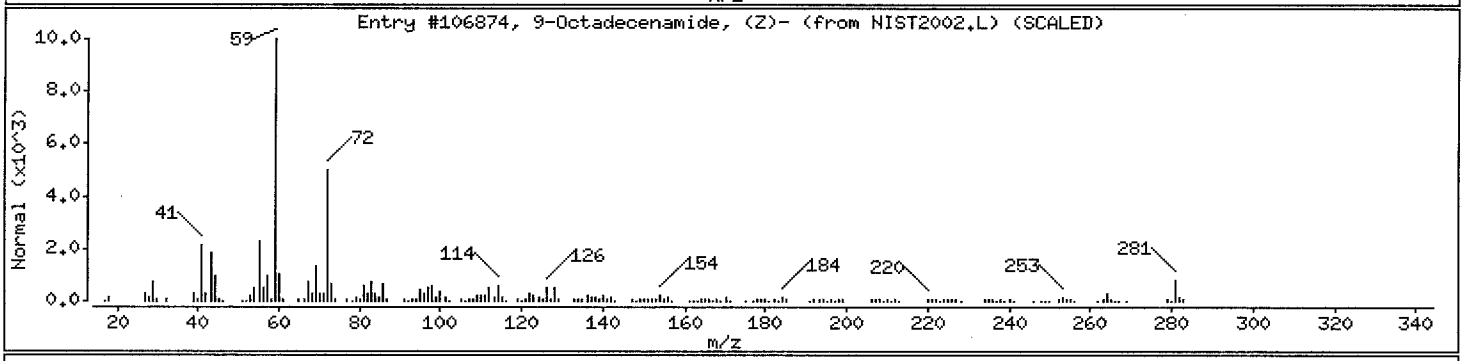
Sample Info: F0981-08A,,31309,,

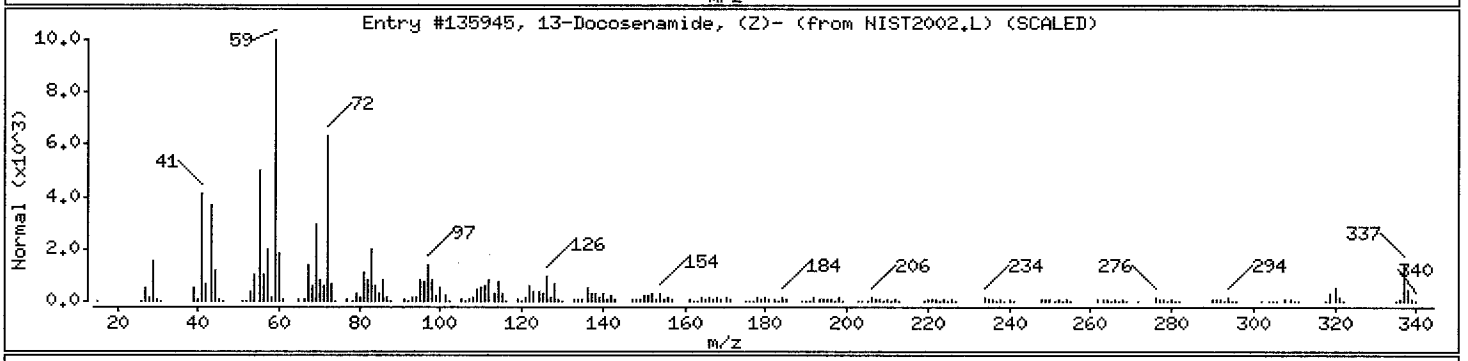
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

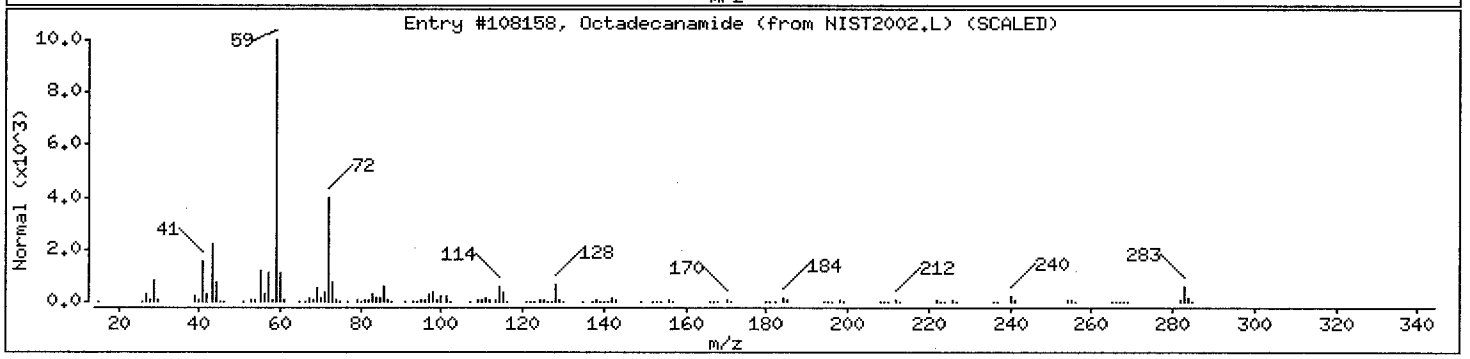
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9-Octadecenamide, (Z)-	301-02-0	NIST2002.L	106874	91	C18H35NO	281
13-Docosenamide, (Z)-	112-84-5	NIST2002.L	135945	87	C22H43NO	337
Octadecanamide	124-26-5	NIST2002.L	108158	72	C18H37NO	283









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5206.D

Date : 10-AUG-2007 22:02

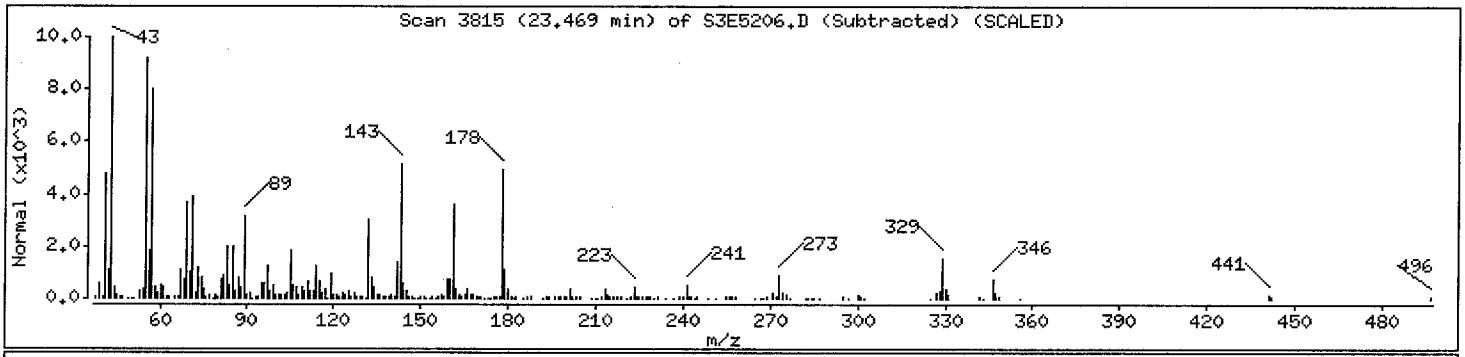
Client ID: MW-BR09 Instrument: S3.i

Sample Info: F0981-08A,,31309,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-10A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E5200

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	390	U
108-95-2	Phenol	390	U
111-44-4	bis(2-Chloroethyl)Ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2'-oxybis(1-Chloropropane)	390	U
98-86-2	Acetophenone	390	U
106-44-5	4-Methylphenol	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
111-91-1	bis(2-Chloroethoxy)methane	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
87-68-3	Hexachlorobutadiene	390	U
105-60-2	Caprolactam	390	U
59-50-7	4-Chloro-3-Methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	980	U
92-52-4	1,1'-Biphenyl	390	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	390	U
606-20-2	2,6-Dinitrotoluene	390	U
208-96-8	Acenaphthylene	390	U
99-09-2	3-Nitroaniline	980	U
83-32-9	Acenaphthene	390	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-10A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E5200

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	980	U
100-02-7	4-Nitrophenol	980	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
86-73-7	Fluorene	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	N-Nitrosodiphenylamine (1)	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
1912-24-9	Atrazine	390	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	390	U
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3'-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	bis(2-Ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

MW-BR10

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-10A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: S3E5200

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 16 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

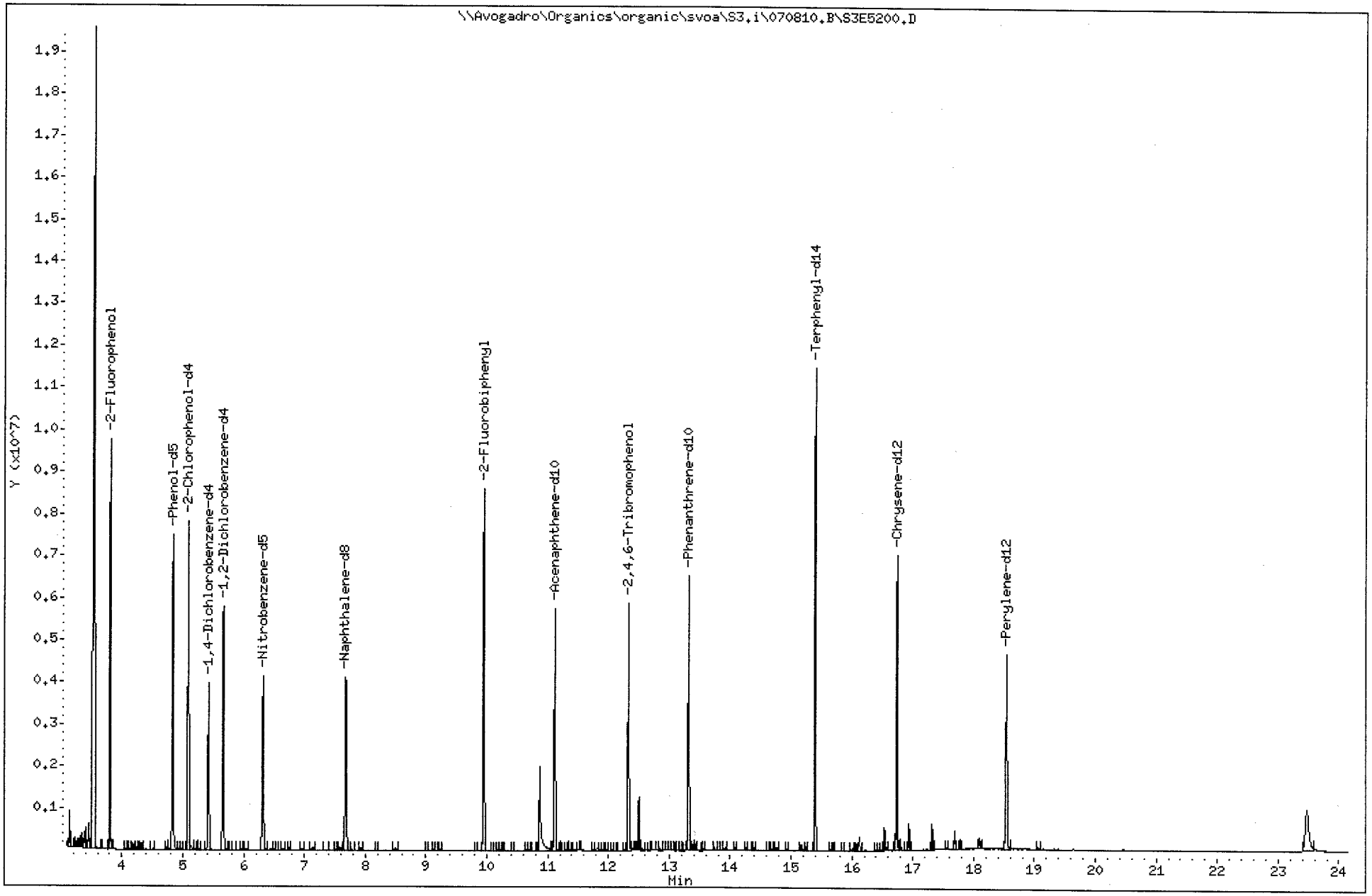
Number TICs found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	23.47	480	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\S3.i\070810.B\S3E5200.D
Date : 10-AUG-2007 19:12
Client ID: MW-BR10
Sample Info: F0981-10A,,31474,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: LIMS
Column diameter: 0.25



2559

Data File: S3E5200.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5200.D
Lab Smp Id: F0981-10A Client Smp ID: MW-BR10
Inj Date : 10-AUG-2007 19:12
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-10A,,31474,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	16.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.804	3.793	(0.702)	2352281	104.396	2000
$	3 Phenol-d5	99	4.835	4.834	(0.892)	3047489	97.7642	1900
$	6 2-Chlorophenol-d4	132	5.091	5.091	(0.939)	2425301	104.229	2000
*	8 1,4-Dichlorobenzene-d4	152	5.423	5.422	(1.000)	751021	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.663	5.662	(1.044)	1153722	66.7748	1300
$	16 Nitrobenzene-d5	82	6.315	6.325	(0.823)	2056322	68.5709	1300
*	23 Naphthalene-d8	136	7.677	7.687	(1.000)	2737310	40.0000	
$	33 2-Fluorobiphenyl	172	9.947	9.952	(0.895)	3929449	68.7255	1300
*	41 Acenaphthene-d10	164	11.117	11.122	(1.000)	1571586	40.0000	
$	53 2,4,6-Tribromophenol	330	12.335	12.335	(0.927)	778418	90.5860	1800
*	58 Phenanthrene-d10	188	13.313	13.318	(1.000)	2689000	40.0000	
$	65 Terphenyl-d14	244	15.396	15.396	(0.920)	4259638	72.1128	1400
*	69 Chrysene-d12	240	16.737	16.742	(1.000)	2892723	40.0000	
*	76 Perylene-d12	264	18.537	18.542	(1.000)	2517411	40.0000	

8/15/07 SW

HP

Data File: S3E5200.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5200.D
Lab Smp Id: F0981-10A Client Smp ID: MW-BR10
Inj Date : 10-AUG-2007 19:12
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-10A,,31474,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	16.000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.118	7187962	40.000
* 58 Phenanthrene-d10	13.313	7423696	40.000
* 76 Perylene-d12	18.538	7116409	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane				CAS #:			
10.872	3575907	19.8994184	390	0	0		41(L)
Cyclic Alkane				CAS #:			
12.501	1218611	6.56606347	130	0	0		58
Unknown				CAS #:			
23.474	4320769	24.2862295	480	0	0		76

Data File: S3E5200.D
Report Date: 15-Aug-2007 11:50

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5200.D

Date : 10-AUG-2007 19:12

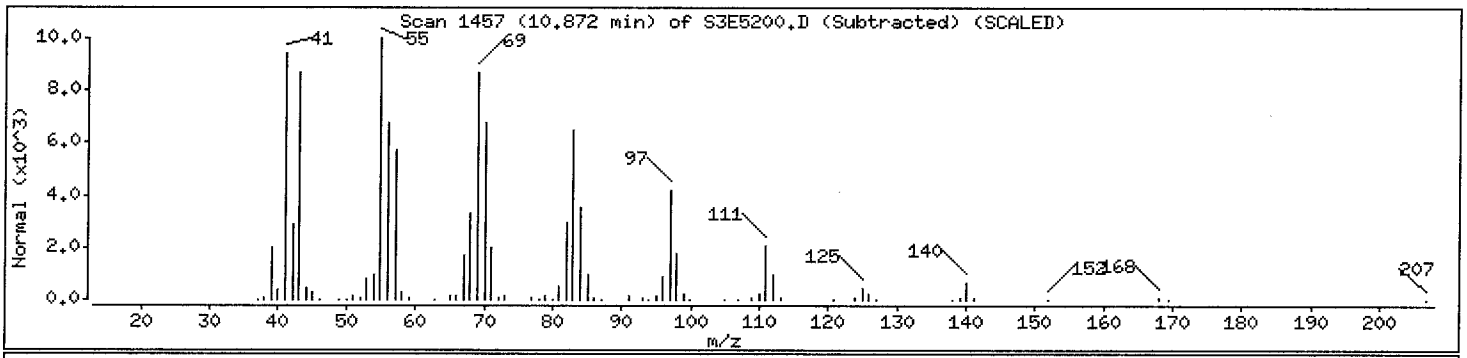
Client ID: MW-BR10 Instrument: S3.i

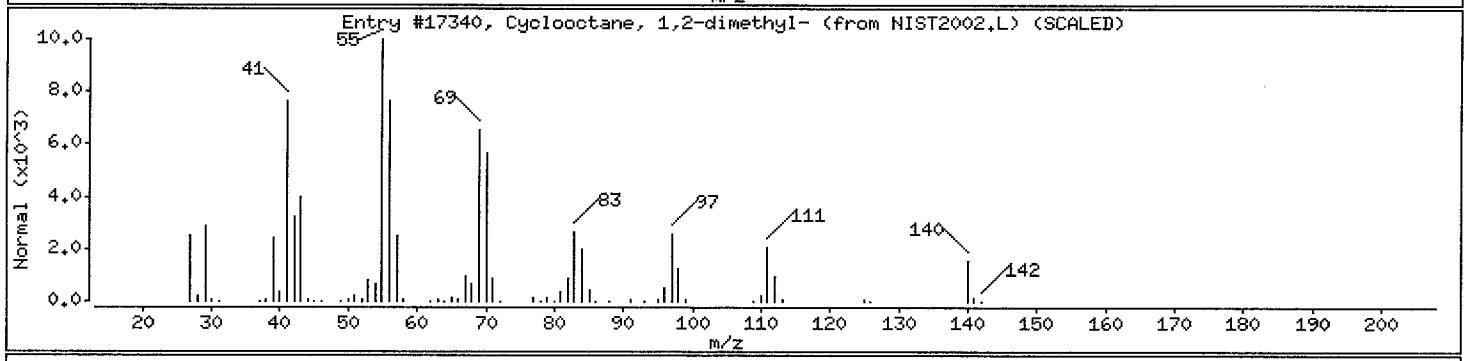
Sample Info: F0981-10A,,31474,,

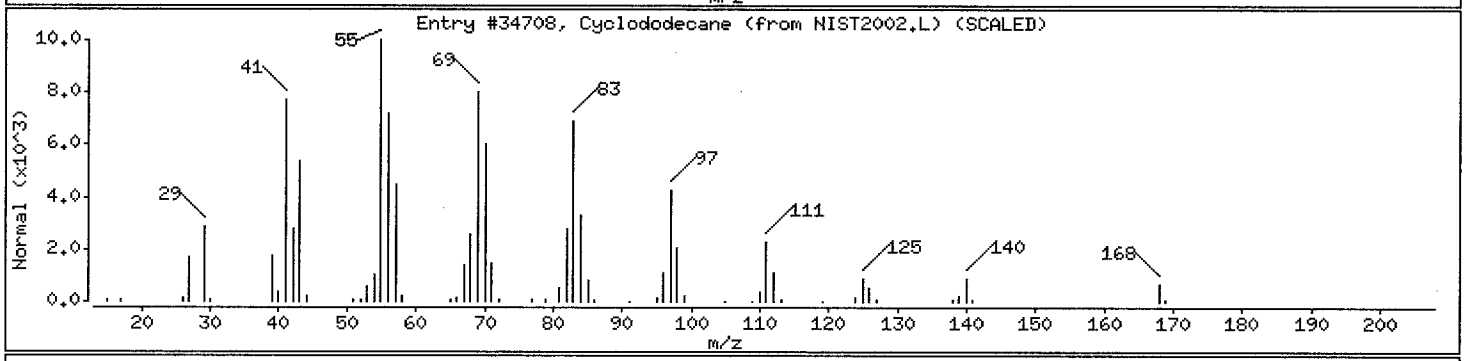
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

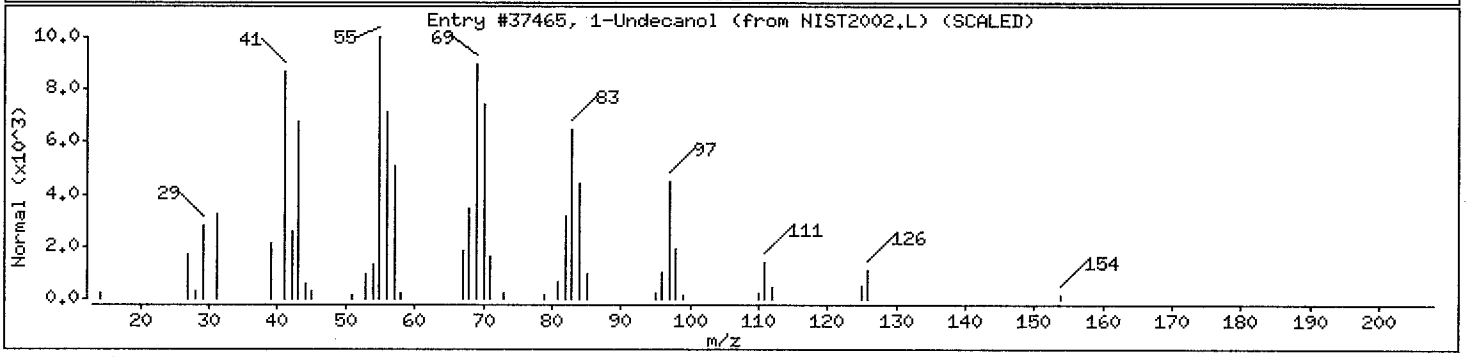
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclooctane, 1,2-dimethyl-	13151-94-5	NIST2002.L	17340	94	C10H20	140
Cyclododecane	294-62-2	NIST2002.L	34708	91	C12H24	168
1-Undecanol	112-42-5	NIST2002.L	37465	91	C11H24O	172









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5200.D

Date : 10-AUG-2007 19:12

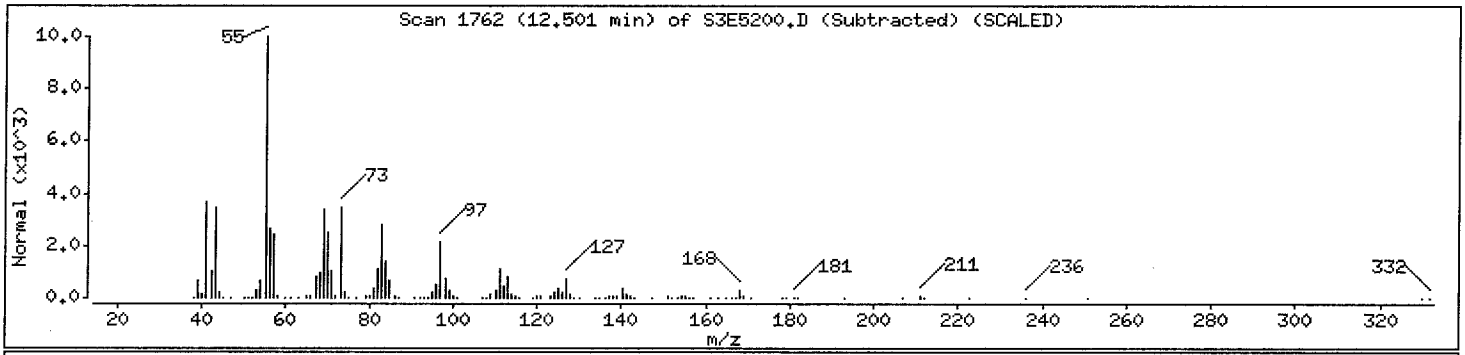
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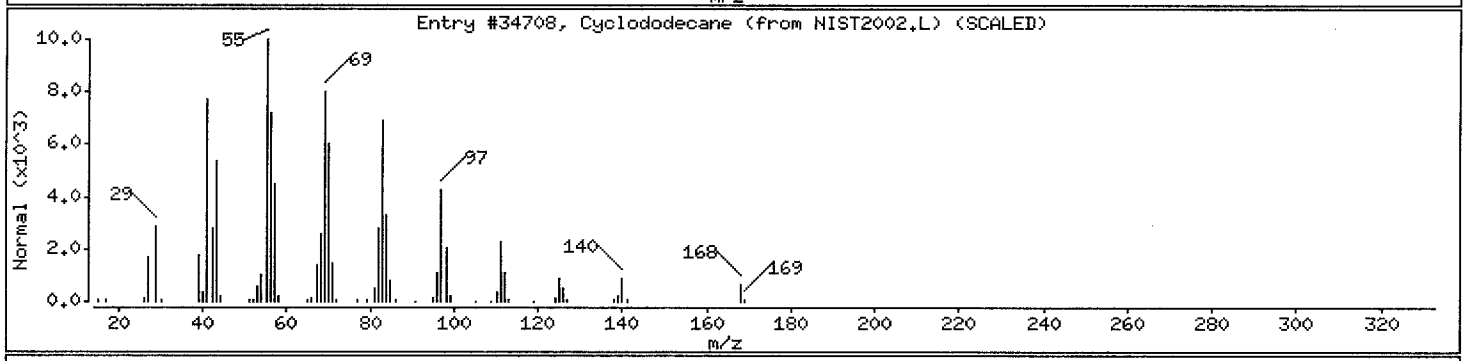
Sample Info: F0981-10A,,31474,,

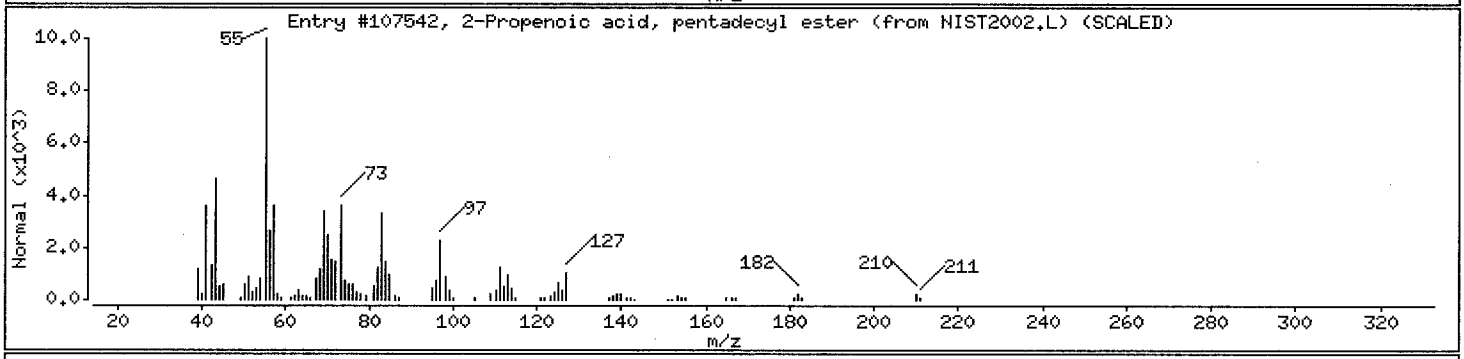
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

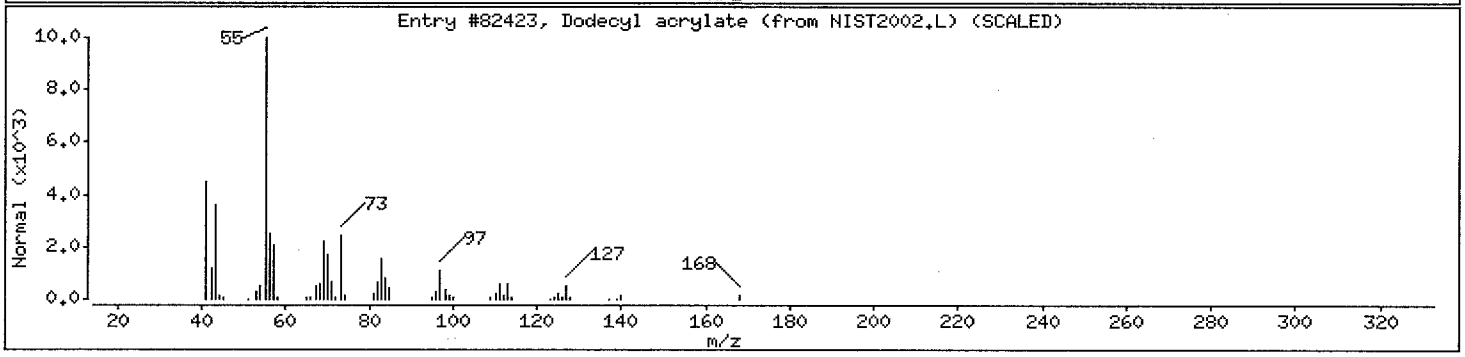
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST2002.L	34708	96	C12H24	168
2-Propenoic acid, pentadecyl ester	43080-23-5	NIST2002.L	107542	91	C18H3402	282
Dodecyl acrylate	2156-97-0	NIST2002.L	82423	91	C15H2802	240









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5200.D

Date : 10-AUG-2007 19:12

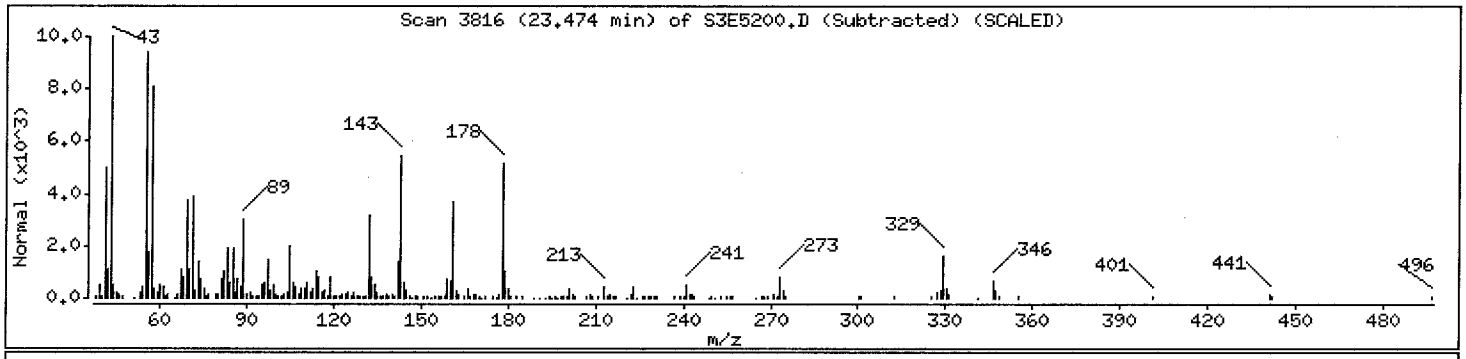
Client ID: MW-BR10 Instrument: S3.i

Sample Info: F0981-10A,,31474,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5201

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	380	U
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	960	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	960	U
83-32-9	Acenaphthene	380	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5201

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	960	U
100-02-7	4-Nitrophenol	960	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	39	J
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

MW-BR12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5201

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

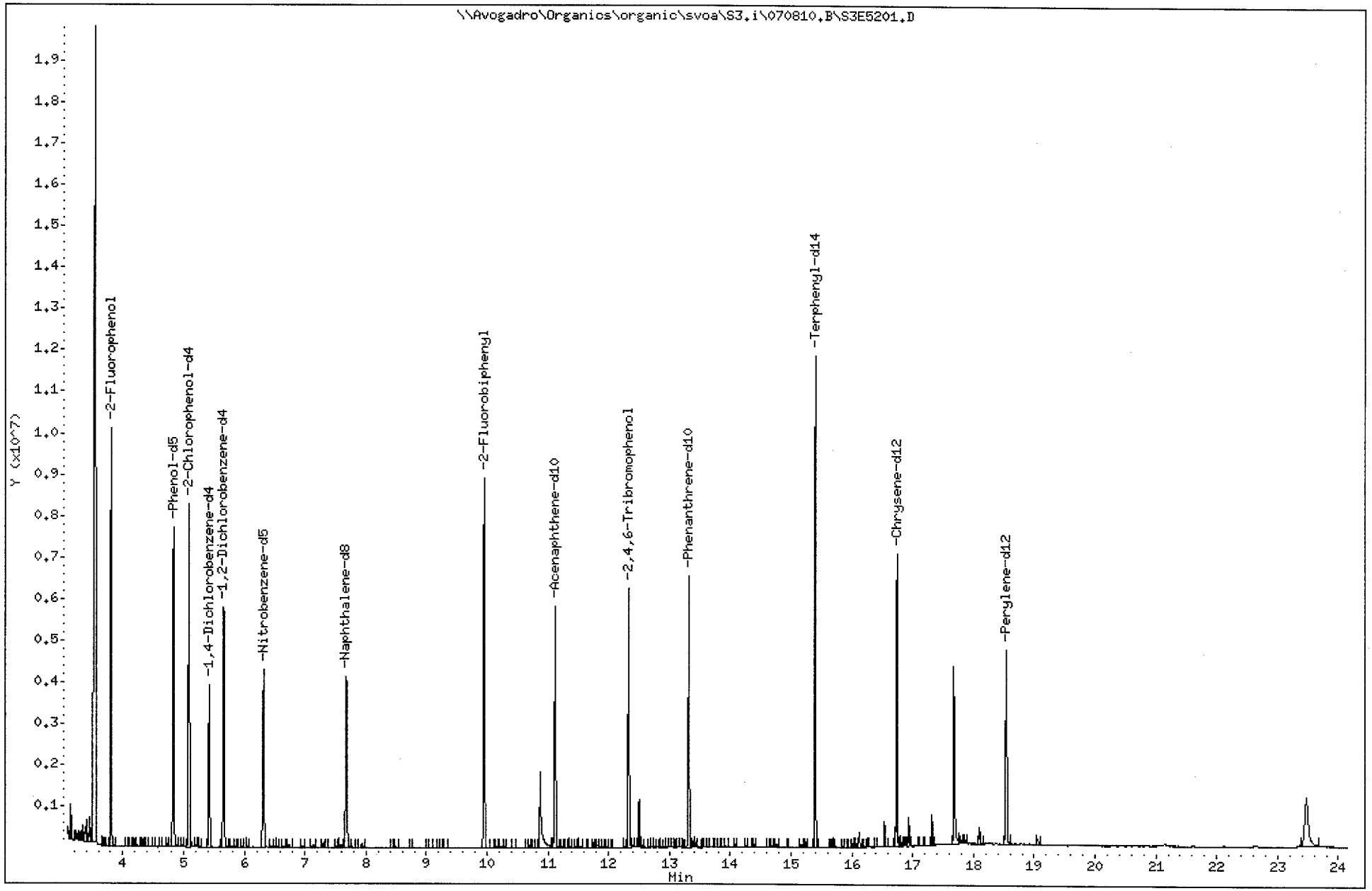
GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	112-84-5	13-DOCOSENAMIDE, (Z)-	17.68	670	NJ
2.		UNKNOWN	23.47	560	J
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\S3.i\070810.B\S3E5201.D
Date : 10-AUG-2007 19:46
Client ID: MW-BR12
Instrument: S3.i
Sample Info: F0981-11A,,31474,,
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5201.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5201.D
Lab Smp Id: F0981-11A Client Smp ID: MW-BR12
Inj Date : 10-AUG-2007 19:46
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-11A,,31474,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.804	3.793	(0.702)	2454667	107.387	2100
$	3 Phenol-d5	99	4.835	4.834	(0.892)	3189927	100.875	1900
$	6 2-Chlorophenol-d4	132	5.086	5.091	(0.938)	2541597	107.670	2100
*	8 1,4-Dichlorobenzene-d4	152	5.422	5.422	(1.000)	761877	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.658	5.662	(1.043)	1174854	67.0290	1300
$	16 Nitrobenzene-d5	82	6.315	6.325	(0.823)	2144307	69.9935	1300
*	23 Naphthalene-d8	136	7.677	7.687	(1.000)	2796414	40.0000	
$	33 2-Fluorobiphenyl	172	9.947	9.952	(0.895)	4063612	69.6950	1300
*	41 Acenaphthene-d10	164	11.117	11.122	(1.000)	1602637	40.0000	
$	53 2,4,6-Tribromophenol	330	12.335	12.335	(0.927)	823767	95.2497	1800
*	58 Phenanthrene-d10	188	13.313	13.318	(1.000)	2706323	40.0000	
$	65 Terphenyl-d14	244	15.396	15.396	(0.920)	4342702	73.3080	1400
*	69 Chrysene-d12	240	16.737	16.742	(1.000)	2901047	40.0000	
	71 bis(2-Ethylhexyl)phthalate	149	16.705	16.705	(0.998)	89917	2.02763	39(a)
*	76 Perylene-d12	264	18.537	18.542	(1.000)	2529508	40.0000	

8/15/07 SW

QC Flag Legend

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

9563

Data File: S3E5201.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5201.D
Lab Smp Id: F0981-11A Client Smp ID: MW-BR12
Inj Date : 10-AUG-2007 19:46
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-11A,,31474,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.118	7309951	40.000
* 58 Phenanthrene-d10	13.313	7535462	40.000
* 69 Chrysene-d12	16.738	7923255	40.000
* 76 Perylene-d12	18.538	7143392	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane				CAS #:			
10.872	3552088	19.4370004	370	0		0	41
Cyclic Alkane				CAS #:			
12.501	1166709	6.19316342	120	0		0	58
Straight-chain Alkane				CAS #:			
17.320	819927	4.13934485	80	0		0	69

Data File: S3E5201.D
Report Date: 15-Aug-2007 11:50

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
13-Docosenamide, (Z)-				CAS #: 112-84-5			
17.678	6194093	34.6843196	670	94	NIST2002.L	135945	76
Unknown				CAS #:			
23.474	5166284	28.9290199	560	0		0	76

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5201.D

Date : 10-AUG-2007 19:46

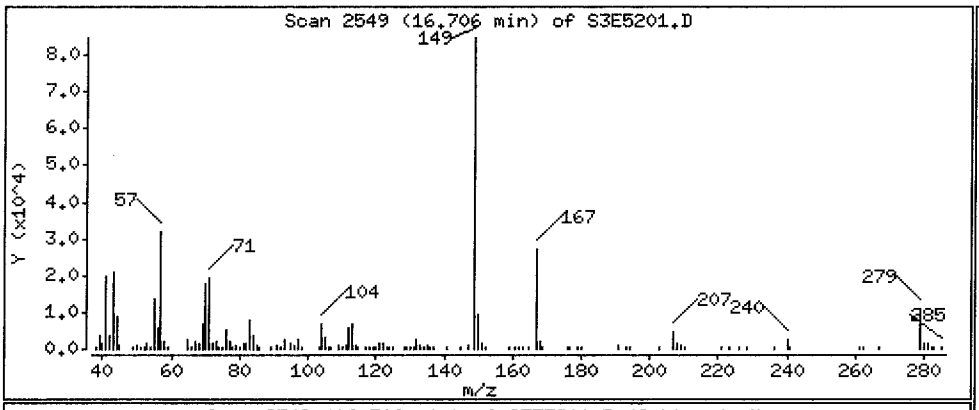
Client ID: MW-BR12 Instrument: S3.i

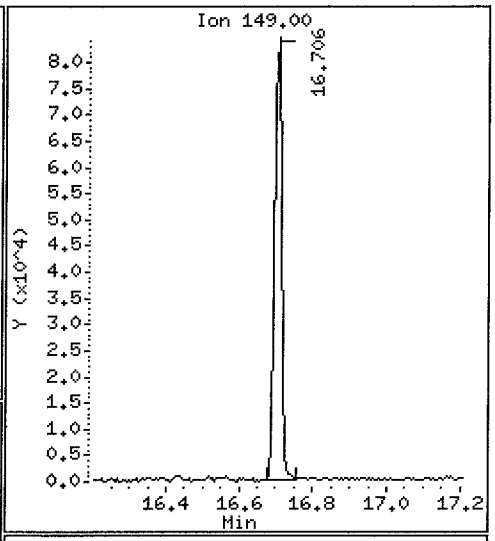
Sample Info: F0981-11A,,31474,,

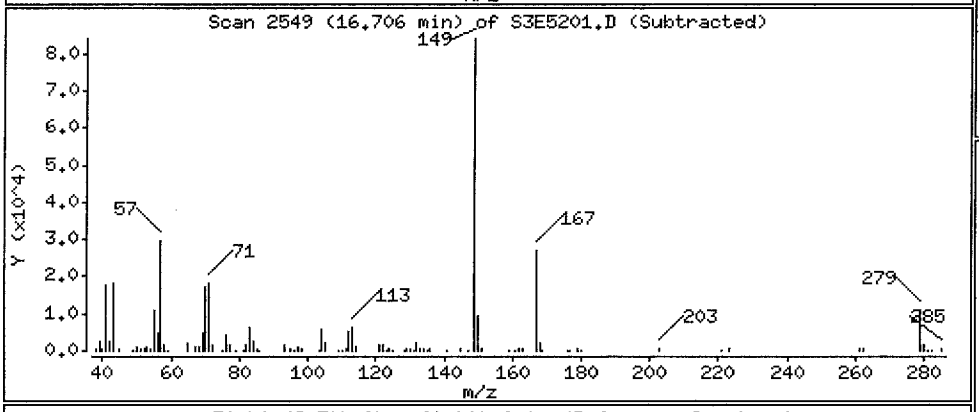
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

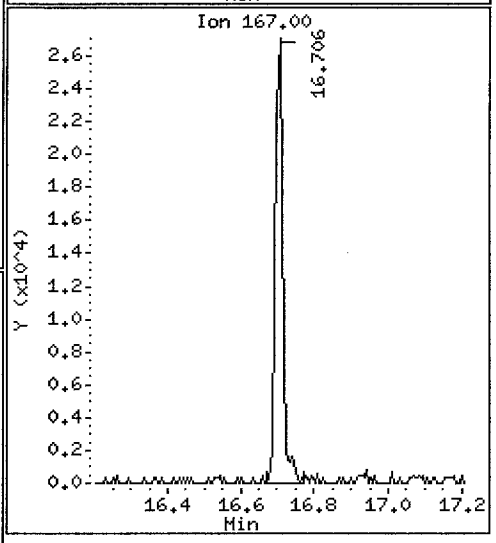
Column phase: DB-5MS Column diameter: 0.25

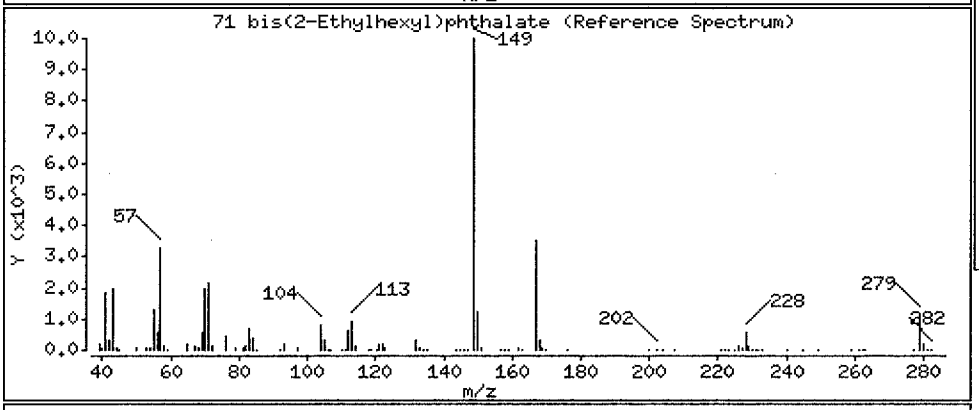
71 bis(2-Ethylhexyl)phthalate Concentration: 39 ug/Kg

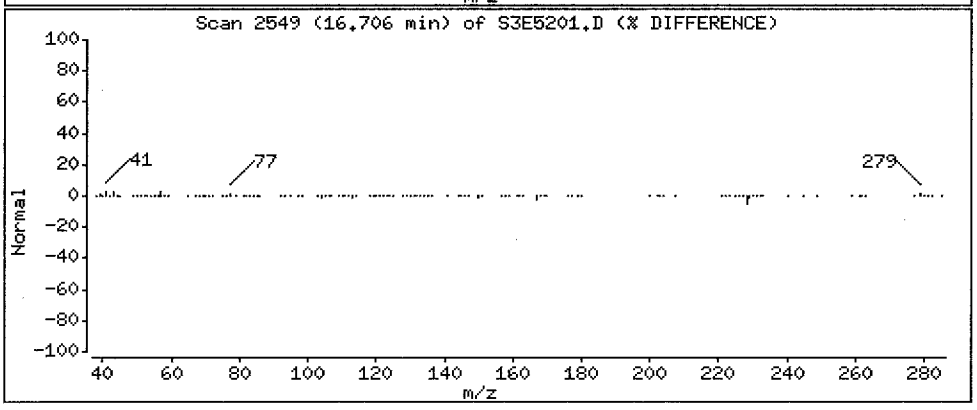












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5201.D

Date : 10-AUG-2007 19:46

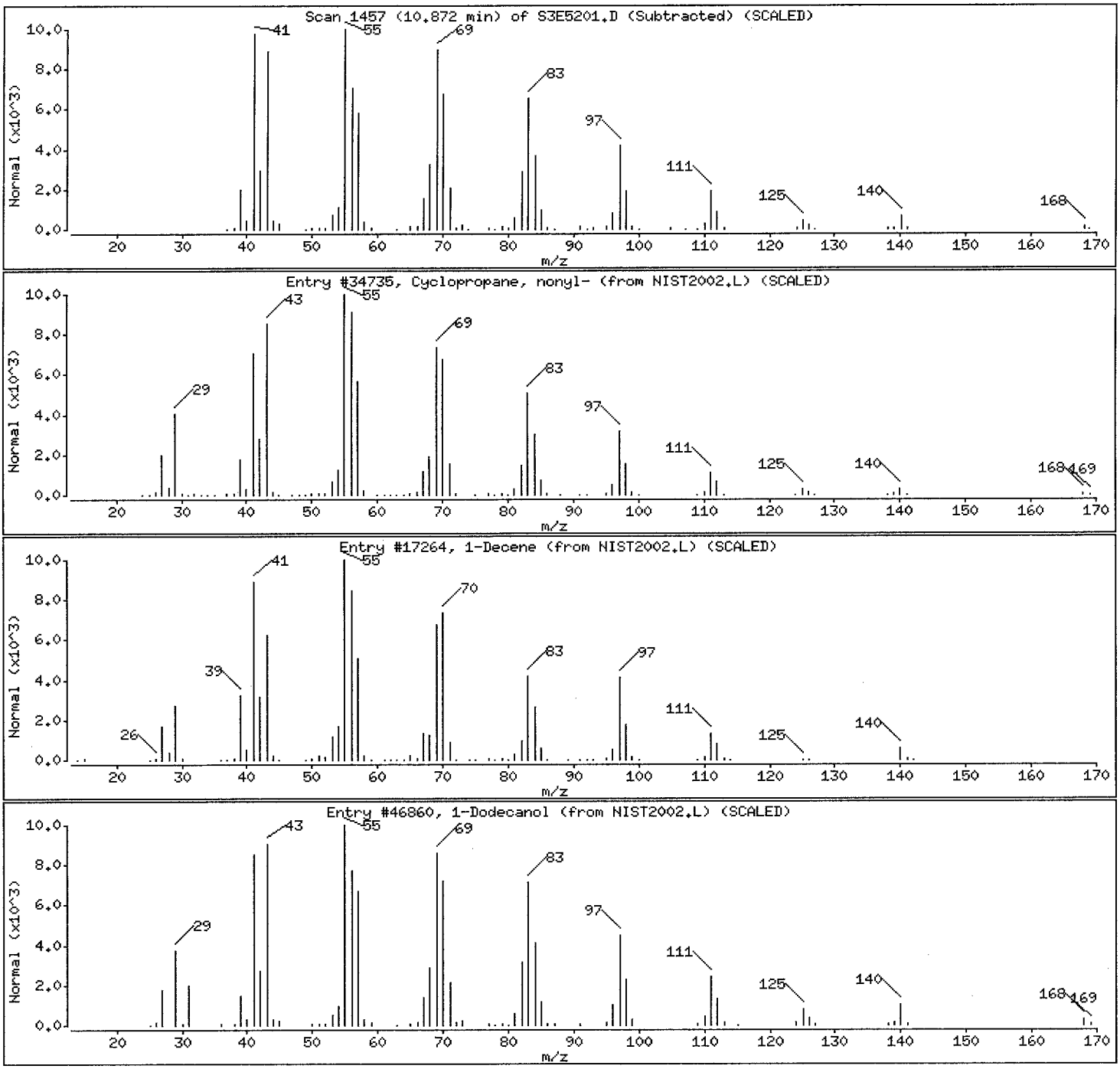
Client ID: MW-BR12 Instrument: S3.i

Sample Info: F0981-11A,,31474,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclopropane, nonyl-	74663-85-7	NIST2002.L	34735	94	C12H24	168
1-Decene	872-05-9	NIST2002.L	17264	94	C10H20	140
1-Dodecanol	112-53-8	NIST2002.L	46860	91	C12H26O	186



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5201.D

Date : 10-AUG-2007 19:46

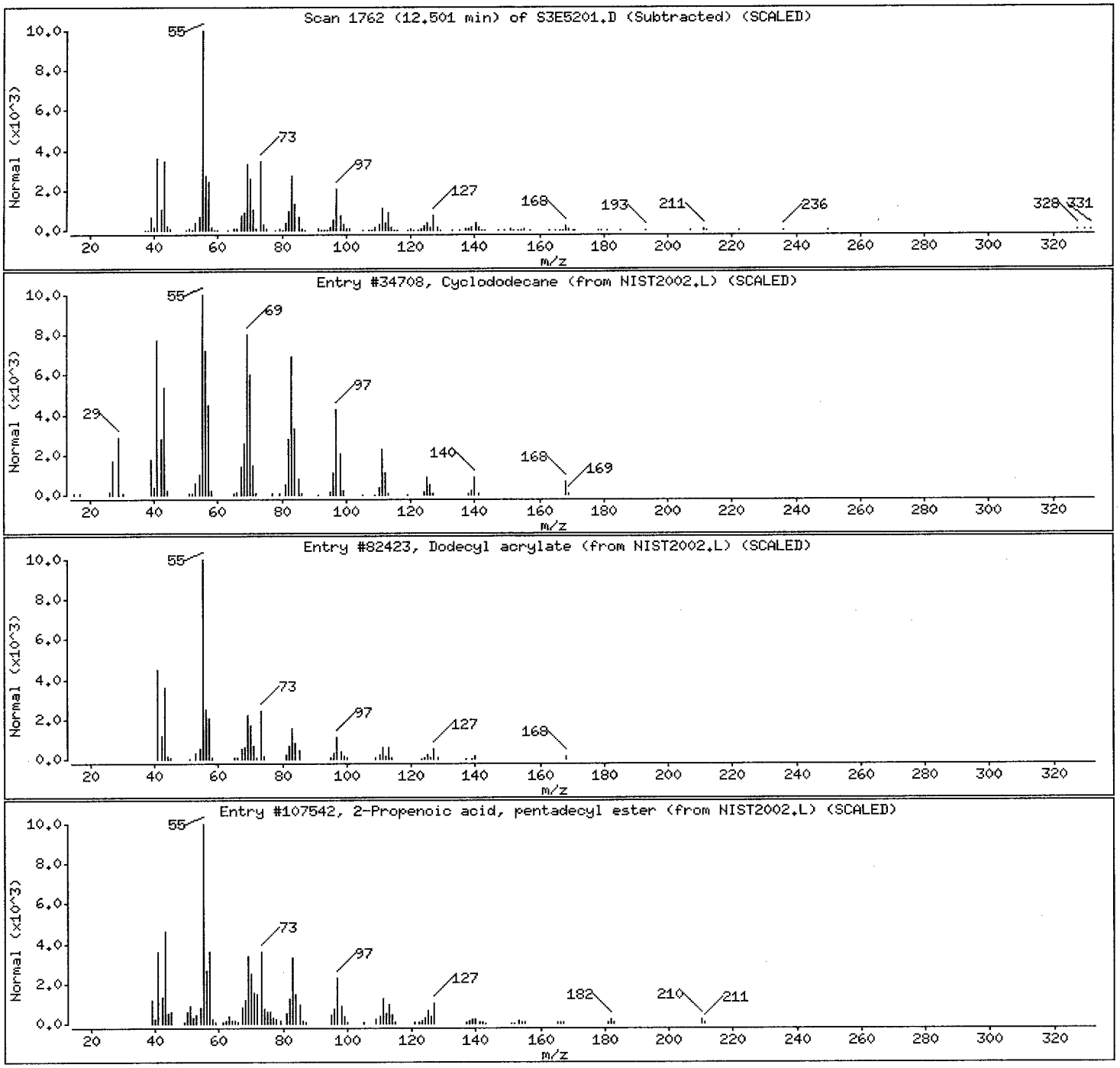
Client ID: MW-BR12 Instrument: S3.i

Sample Info: F0981-11A,,31474,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST2002.L	34708	96	C12H24	168
Dodecyl acrylate	2156-97-0	NIST2002.L	82423	91	C15H28O2	240
2-Propenoic acid, pentadecyl ester	43080-23-5	NIST2002.L	107542	90	C18H34O2	282



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5201.D

Date : 10-AUG-2007 19:46

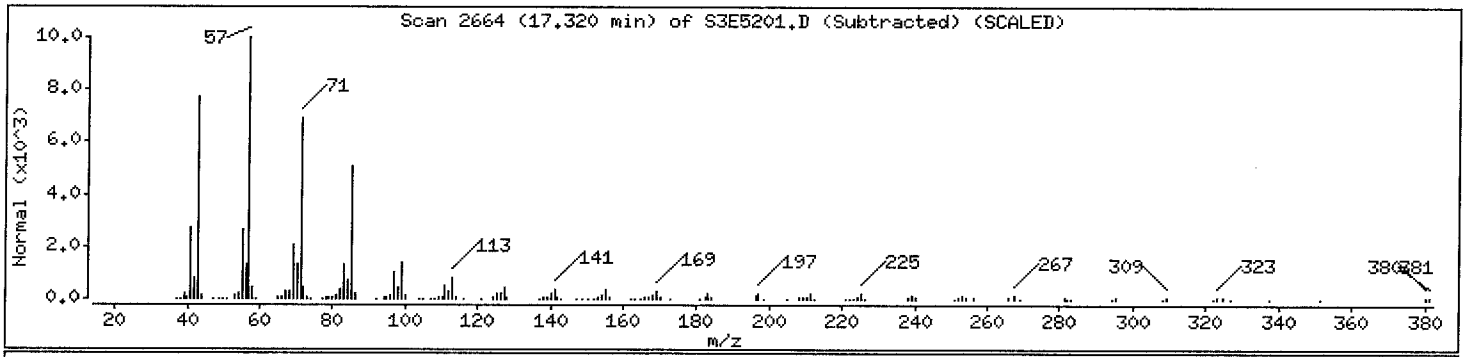
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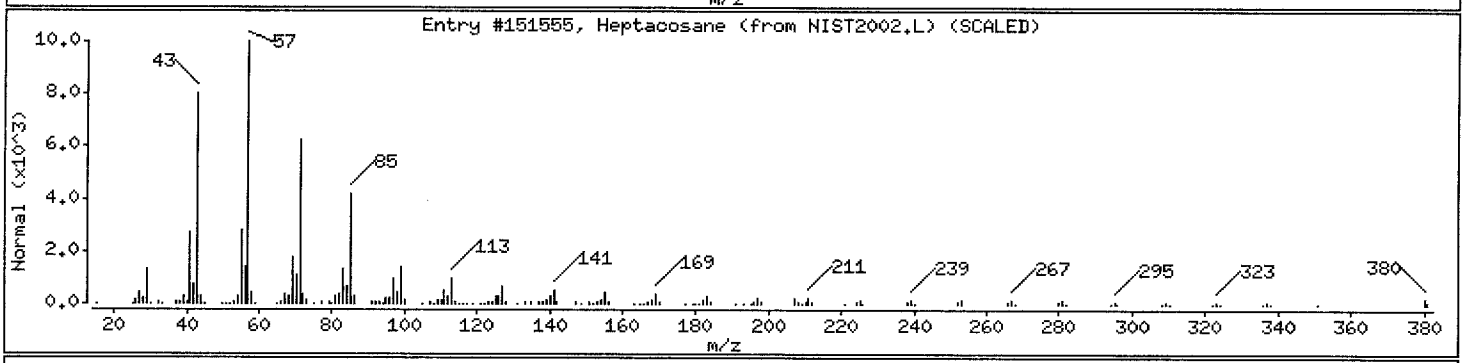
Sample Info: F0981-11A,,31474,,

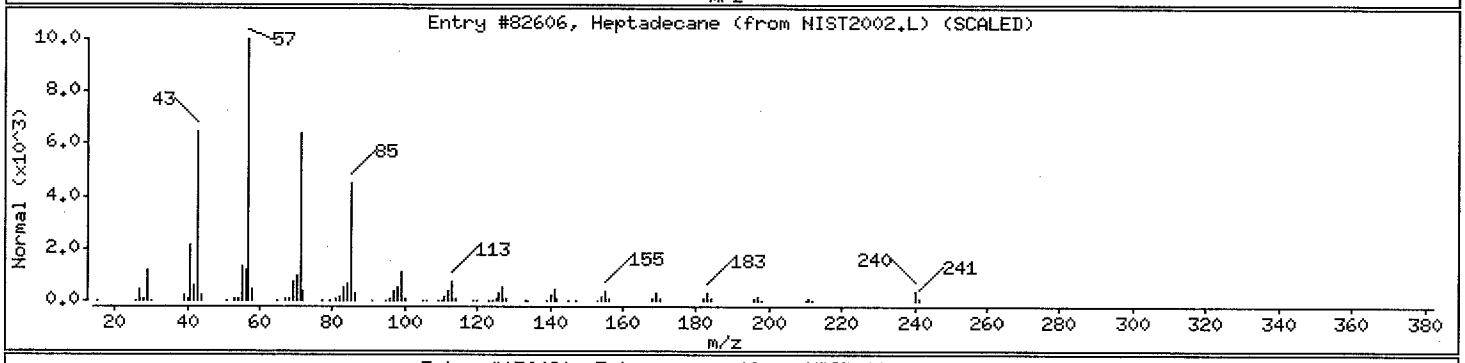
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

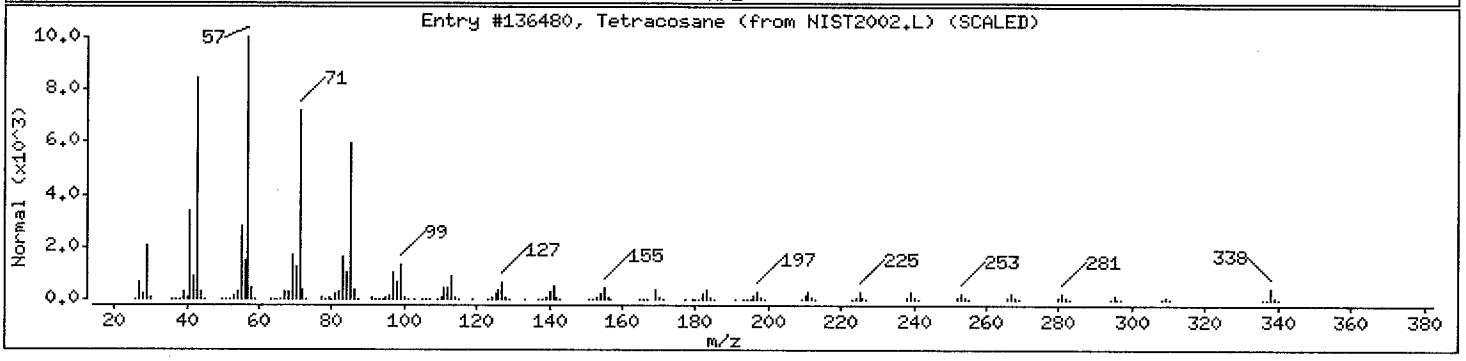
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Straight-chain Alkane						
Heptacosane	593-49-7	NIST2002.L	151555	95	C27H56	380
Heptadecane	629-78-7	NIST2002.L	82606	93	C17H36	240
Tetracosane	646-31-1	NIST2002.L	136480	91	C24H50	338









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5201.D

Date : 10-AUG-2007 19:46

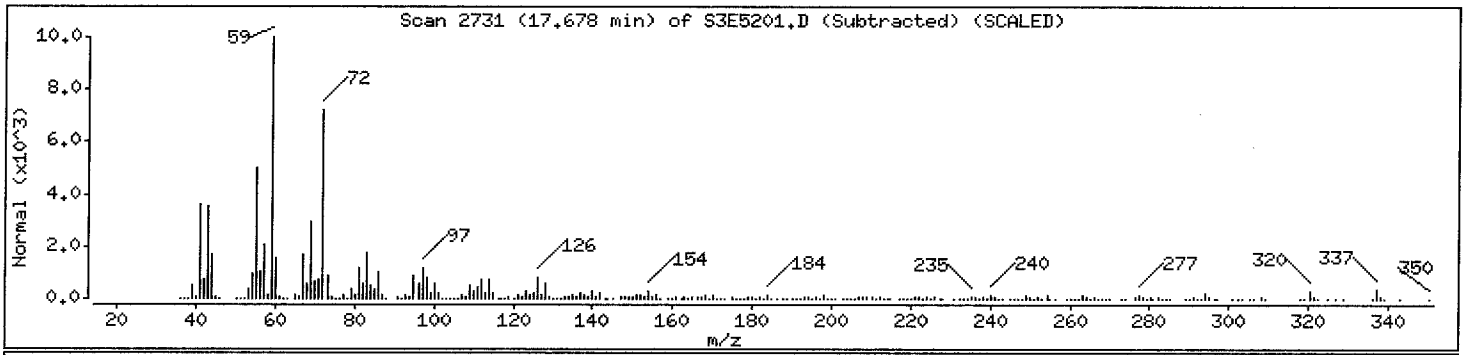
Client ID: MW-BR12 Instrument: S3.i

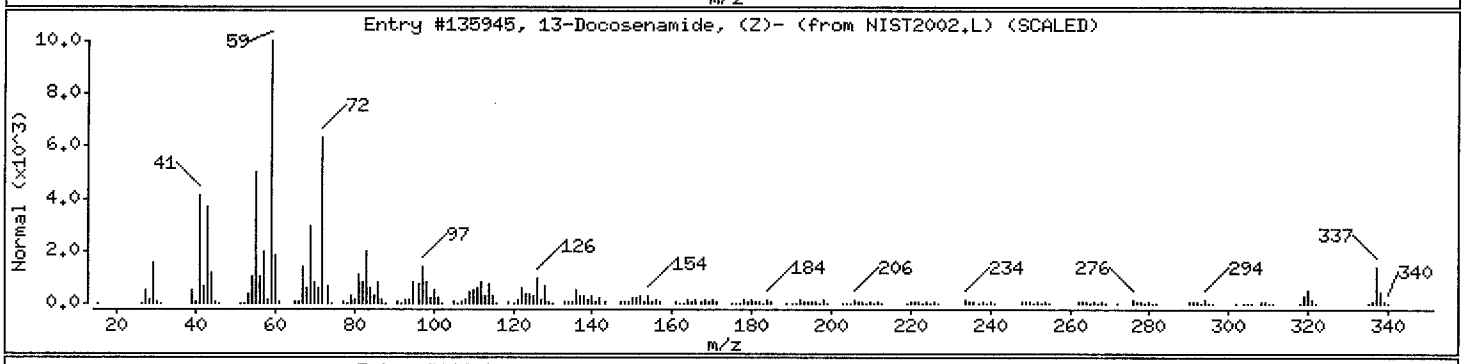
Sample Info: F0981-11A,,31474,,

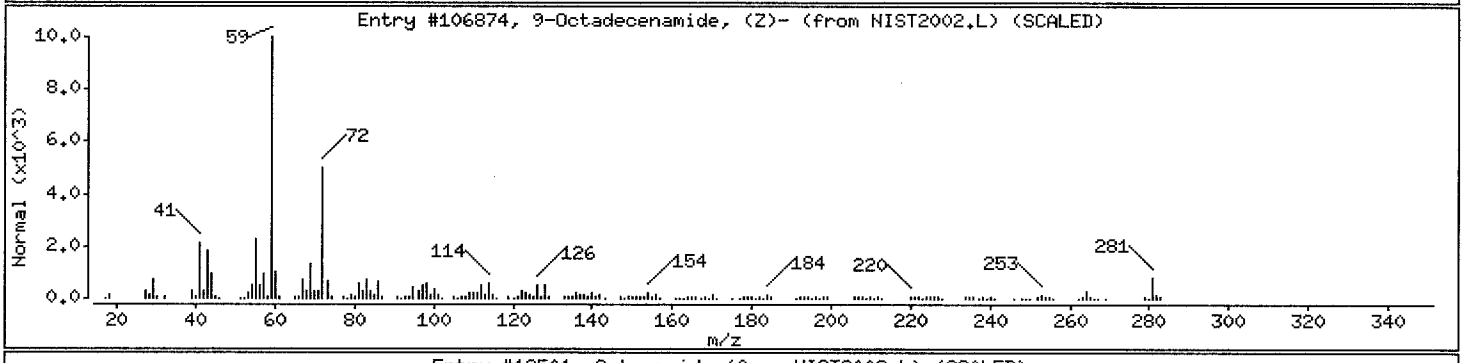
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

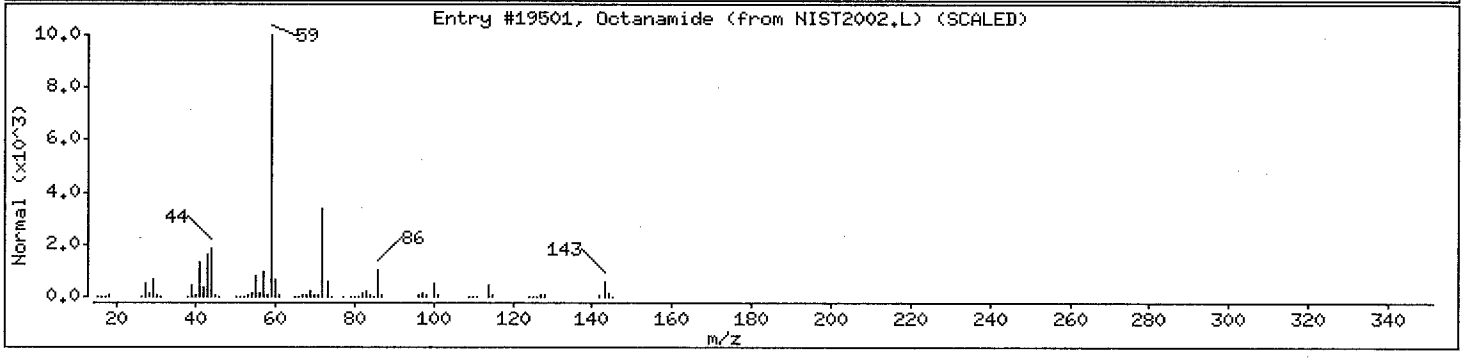
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
13-Docosenamide, (Z)-	112-84-5	NIST2002.L	135945	94	C22H43NO	337
9-Octadecenamide, (Z)-	301-02-0	NIST2002.L	106874	80	C18H35NO	281
Octanamide	629-01-6	NIST2002.L	19501	53	C8H17NO	143









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5201.D

Date : 10-AUG-2007 19:46

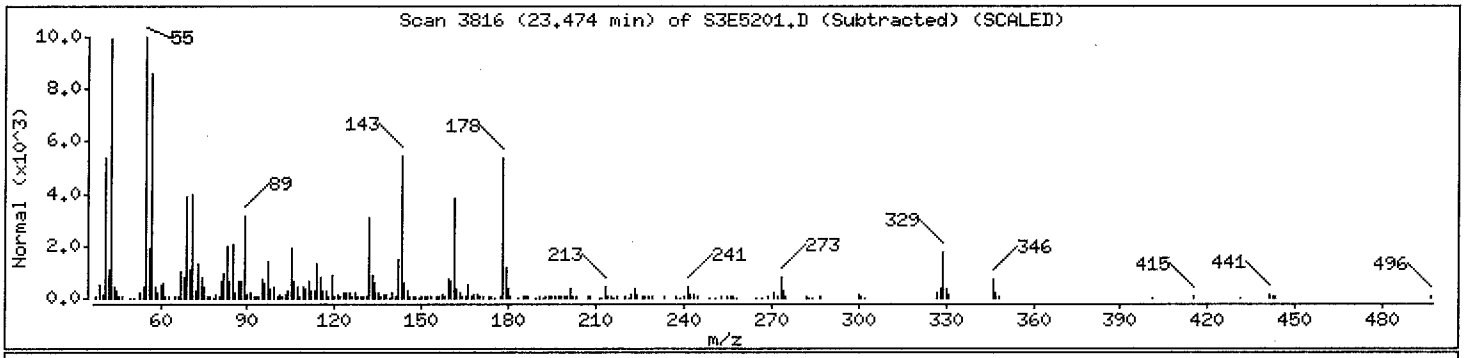
Client ID: MW-BR12 Instrument: S3.i

Sample Info: F0981-11A,,31474,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB06

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E5205

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

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

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	79	J
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	370	U
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	370	U

0572

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB06

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E5205

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	370	U
120-12-7	Anthracene	370	U
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	370	U
129-00-0	Pyrene	370	U
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	370	U
218-01-9	Chrysene	370	U
117-81-7	bis(2-Ethylhexyl)phthalate	48	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	370	U
207-08-9	Benzo(k)fluoranthene	370	U
50-32-8	Benzo(a)pyrene	370	U
193-39-5	Indeno(1,2,3-cd)pyrene	370	U
53-70-3	Dibenzo(a,h)anthracene	370	U
191-24-2	Benzo(g,h,i)perylene	370	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SB06

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03A

Sample wt/vol: 30.5 (g/mL) G Lab File ID: S3E5205

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: 13 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Extraction: (Type) SONC

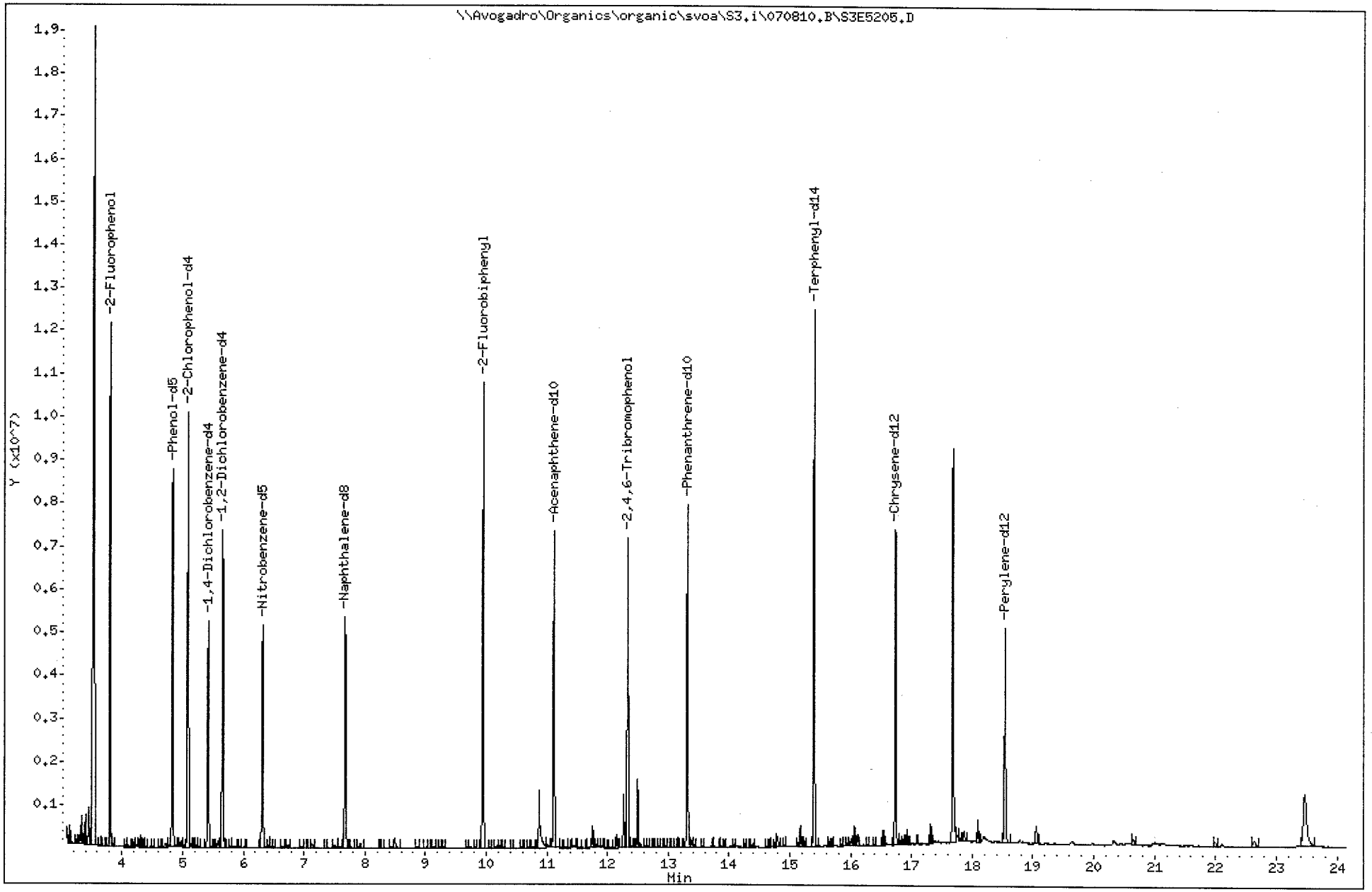
Number TICs found: 3

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	12.27	100	J
2.	112-84-5	13-DOCOSENAMIDE, (Z)-	17.68	1100	NJ
3.		UNKNOWN	23.47	500	J
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
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20.					
21.					
22.					
23.					
24.					
25.					
26.					
27.					
28.					
29.					
30.					

057H

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5205.D
Date : 10-AUG-2007 21:28
Client ID: SB06
Instrument: S3.i
Sample Info: F0981-03A,,31231,,
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5205.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5205.D
Lab Smp Id: F0981-03A Client Smp ID: SB06
Inj Date : 10-AUG-2007 21:28
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-03A,,31231,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	13.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.807	3.793	(0.702)	2958671	95.6201	1800
$	3 Phenol-d5	99	4.838	4.834	(0.893)	3866913	90.3362	1700
$	6 2-Chlorophenol-d4	132	5.089	5.091	(0.939)	3108629	97.2860	1800
*	8 1,4-Dichlorobenzene-d4	152	5.420	5.422	(1.000)	1031317	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.660	5.662	(1.044)	1504907	63.4280	1200
$	16 Nitrobenzene-d5	82	6.318	6.325	(0.823)	2644693	66.2082	1200
*	23 Naphthalene-d8	136	7.680	7.687	(1.000)	3646160	40.0000	
	27 Caprolactam	113	8.497	8.579	(1.106)	42615	4.17171	79(a)
$	33 2-Fluorobiphenyl	172	9.950	9.952	(0.895)	4860015	65.2130	1200
*	41 Acenaphthene-d10	164	11.120	11.122	(1.000)	2048460	40.0000	
$	53 2,4,6-Tribromophenol	330	12.333	12.335	(0.926)	970030	91.5375	1700
*	58 Phenanthrene-d10	188	13.316	13.318	(1.000)	3316080	40.0000	
$	65 Terphenyl-d14	244	15.399	15.396	(0.920)	4576749	68.6230	1300
*	69 Chrysene-d12	240	16.740	16.742	(1.000)	3266132	40.0000	
	71 bis(2-Ethylhexyl)phthalate	149	16.703	16.705	(0.998)	127854	2.56084	48(a)
*	76 Perylene-d12	264	18.540	18.542	(1.000)	2758493	40.0000	

8/15/07 SW

OSTS

Data File: S3E5205.D
Report Date: 15-Aug-2007 11:50

QC Flag Legend

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

Data File: S3E5205.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5205.D
Lab Smp Id: F0981-03A Client Smp ID: SB06
Inj Date : 10-AUG-2007 21:28
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-03A,,31231,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	13.000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 41 Acenaphthene-d10	11.121	9209148	40.000
* 58 Phenanthrene-d10	13.316	9354698	40.000
* 76 Perylene-d12	18.541	7764829	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane					CAS #:		
10.875	2727229	11.8457377	220	0		0	41
Unknown					CAS #:		
12.269	1287891	5.50692683	100	0		0	58
13-Docosenamide, (Z)-					CAS #: 112-84-5		
17.681	11591881	59.7148003	1100	93	NIST2002.L	135944	76

Data File: S3E5205.D
Report Date: 15-Aug-2007 11:50

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
====	====	==========	==========	====	=======	=========	======
Unknown				CAS #:			
23.472	5108720	26.3172299	500	0		0	76

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5205.D

Date : 10-AUG-2007 21:28

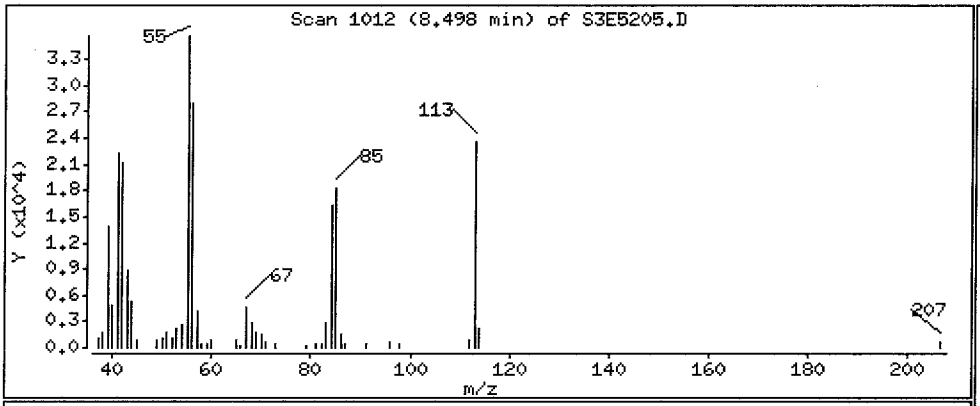
Client ID: SB06 Instrument: S3.i

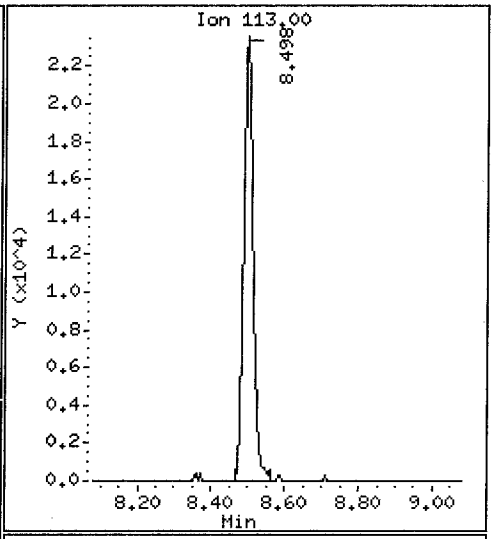
Sample Info: F0981-03A,,31231,,

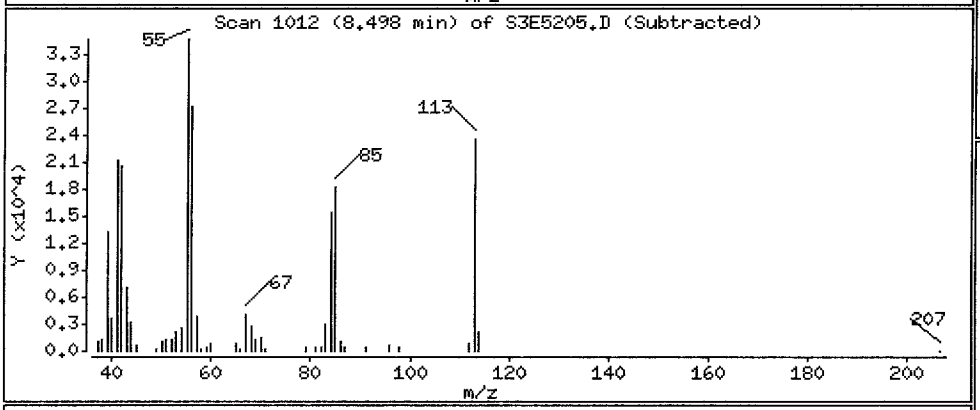
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

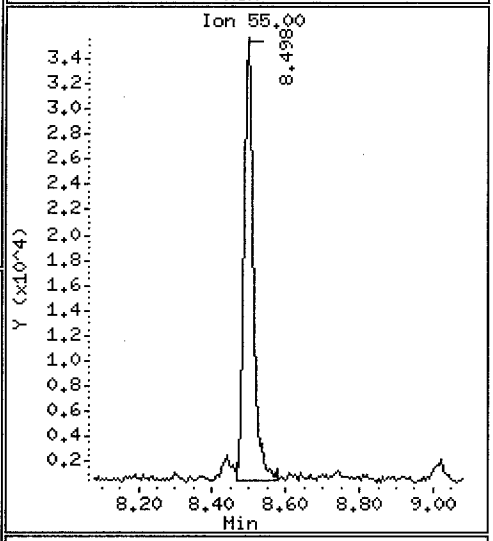
Column phase: DB-5MS Column diameter: 0.25

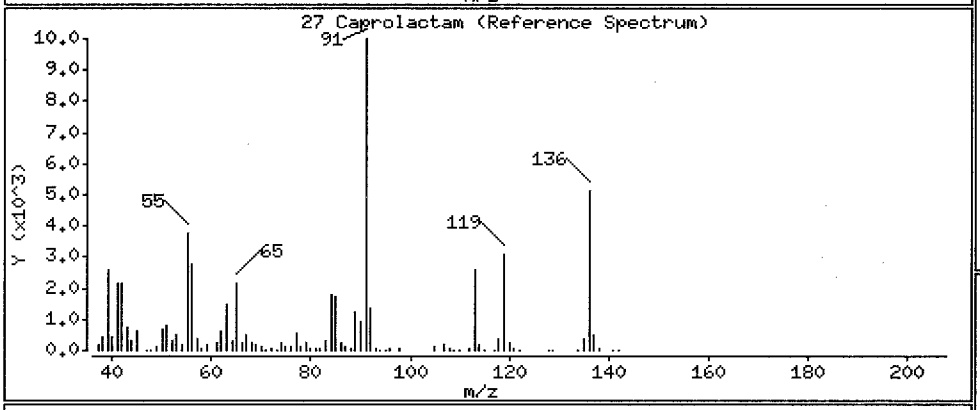
27 Caprolactam Concentration: 79 ug/Kg

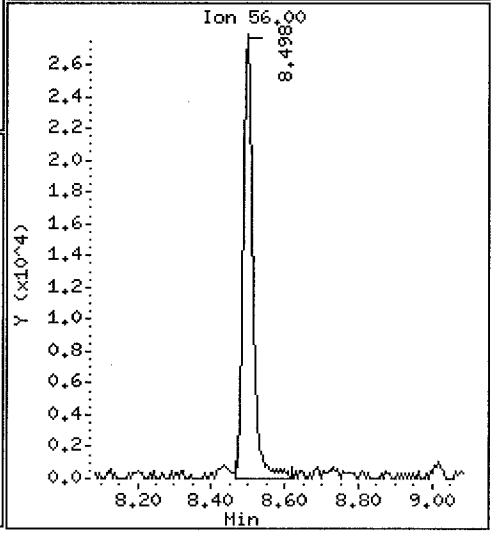


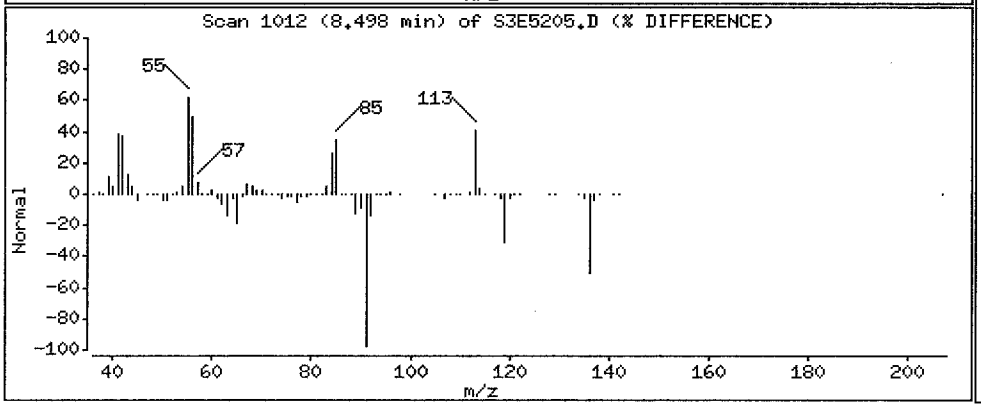












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5205.D

Date : 10-AUG-2007 21:28

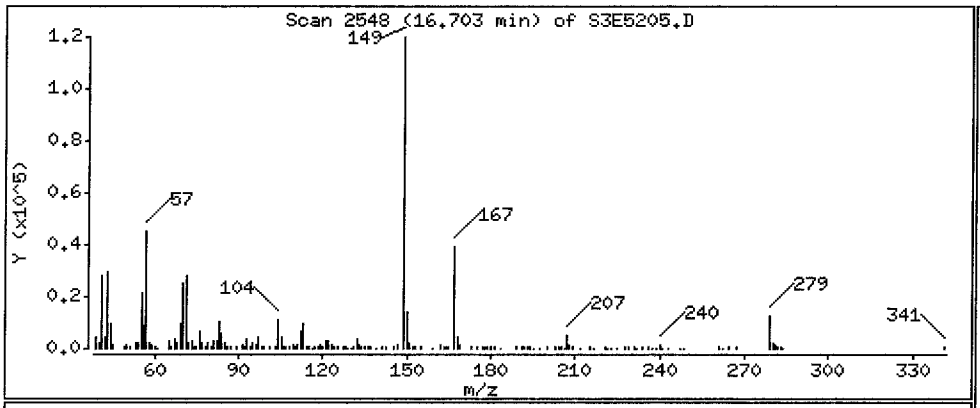
Client ID: SB06 Instrument: S3.i

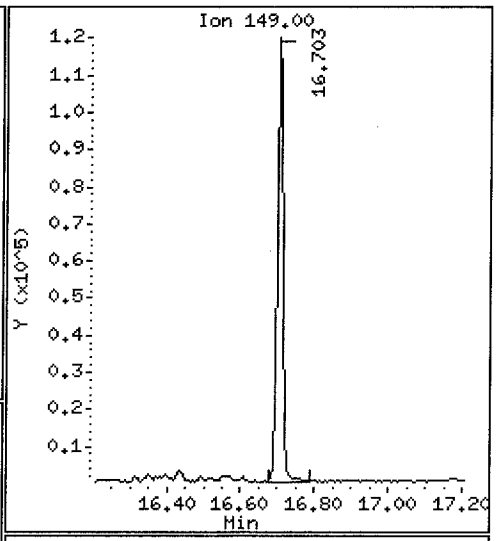
Sample Info: F0981-03A,,31231,,

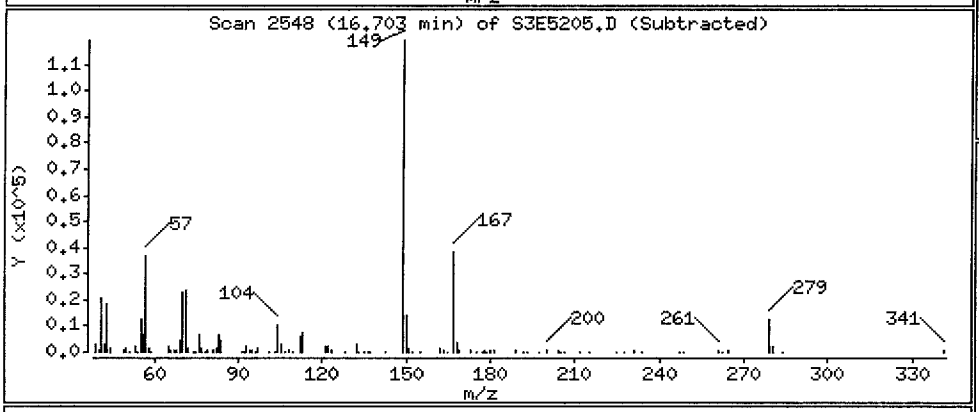
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

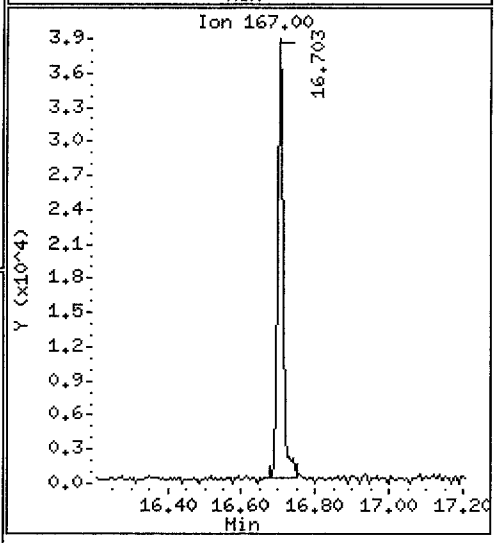
Column phase: DB-5MS Column diameter: 0.25

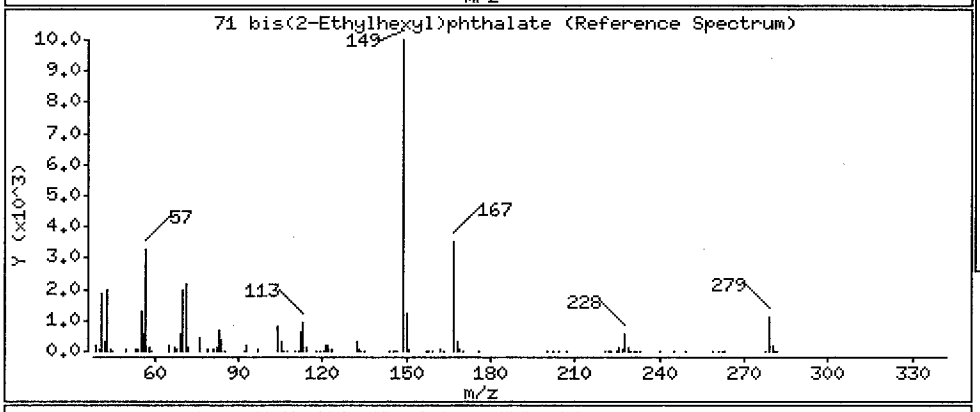
71 bis(2-Ethylhexyl)phthalate Concentration: 48 ug/Kg

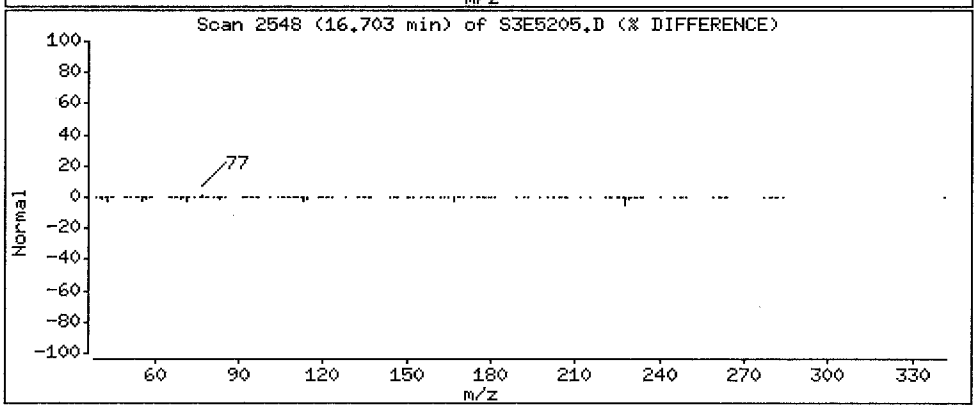












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5205.D

Date : 10-AUG-2007 21:28

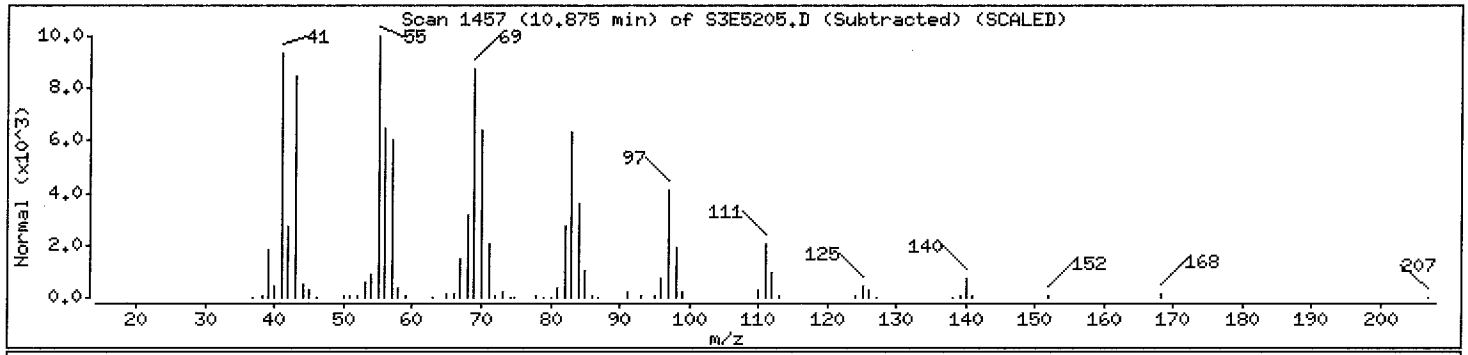
Client ID: SB06 Instrument: S3.i

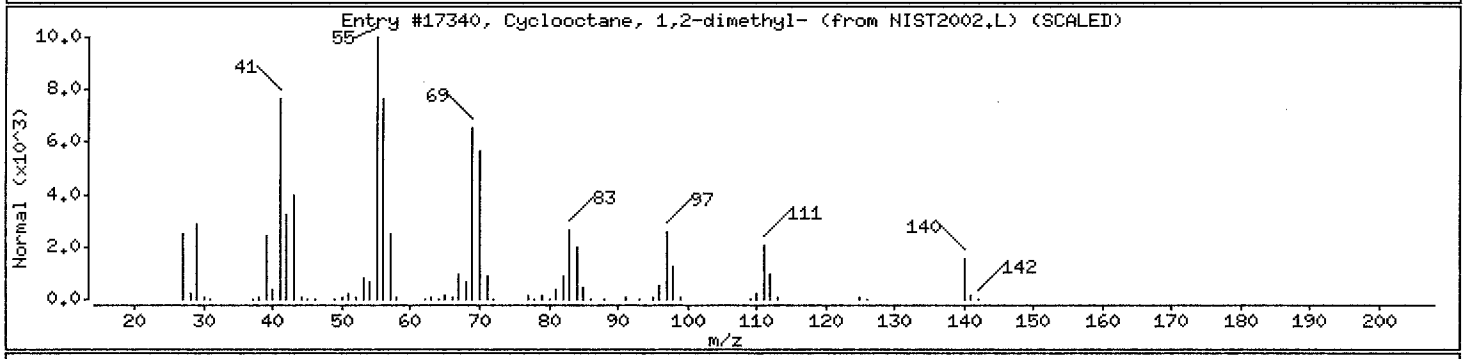
Sample Info: F0981-03A,,31231,,

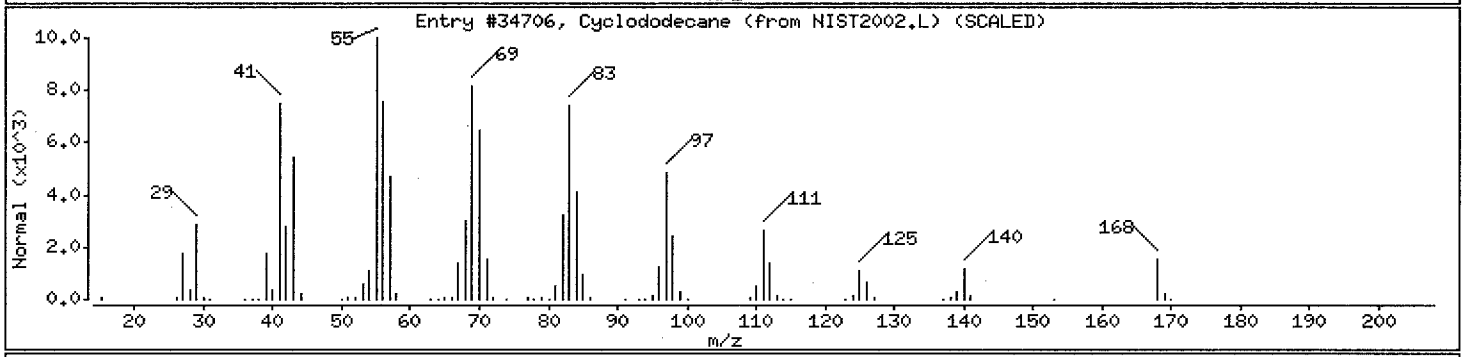
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

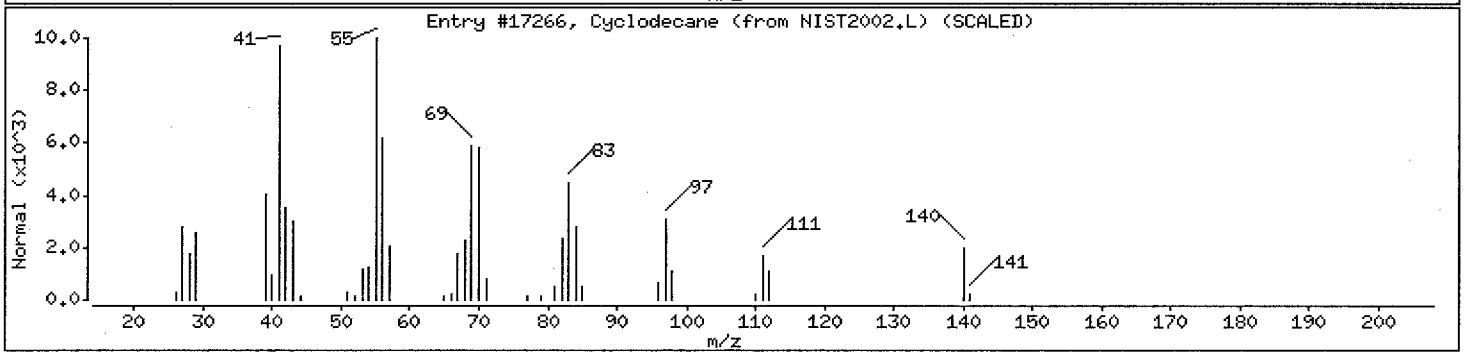
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclooctane, 1,2-dimethyl-	13151-94-5	NIST2002.L	17340	94	C10H20	140
Cyclododecane	294-62-2	NIST2002.L	34706	94	C12H24	168
Cyclodecane	293-96-9	NIST2002.L	17266	93	C10H20	140









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5205.D

Date : 10-AUG-2007 21:28

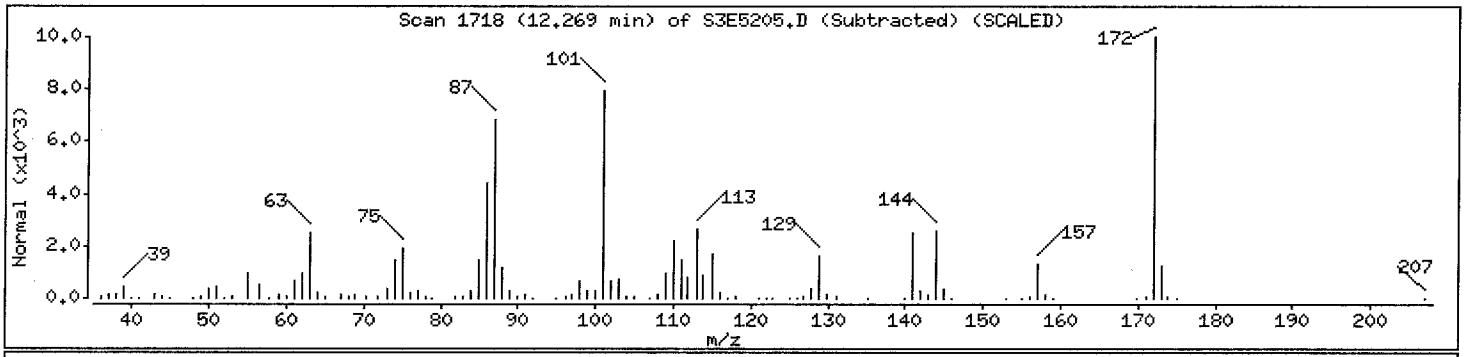
Client ID: SB06 Instrument: S3.i

Sample Info: F0981-03A,,31231,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5205.D

Date : 10-AUG-2007 21:28

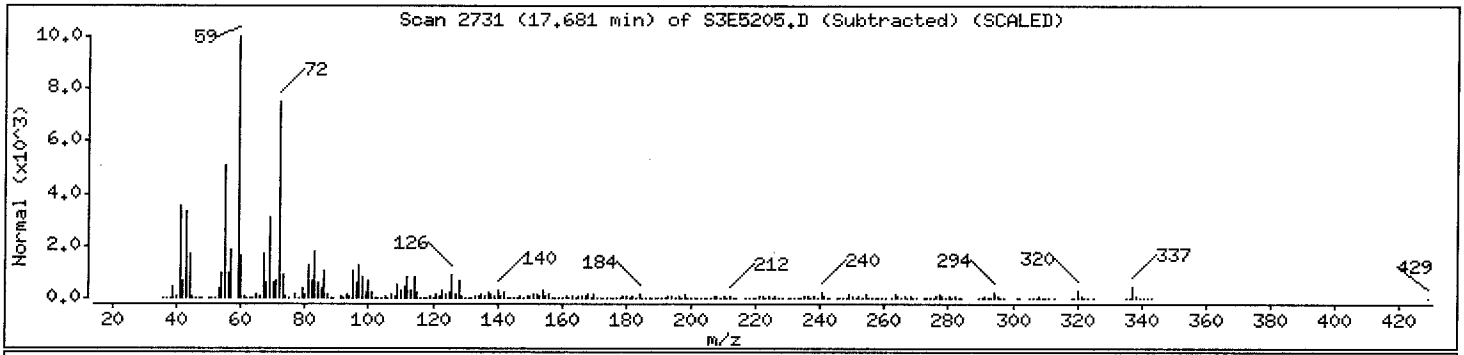
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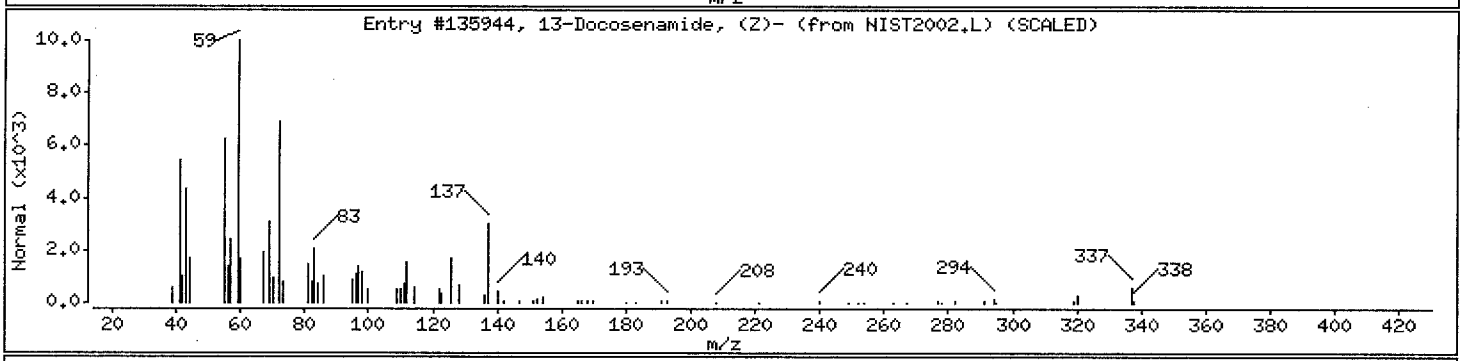
Sample Info: F0981-03A,,31231,,

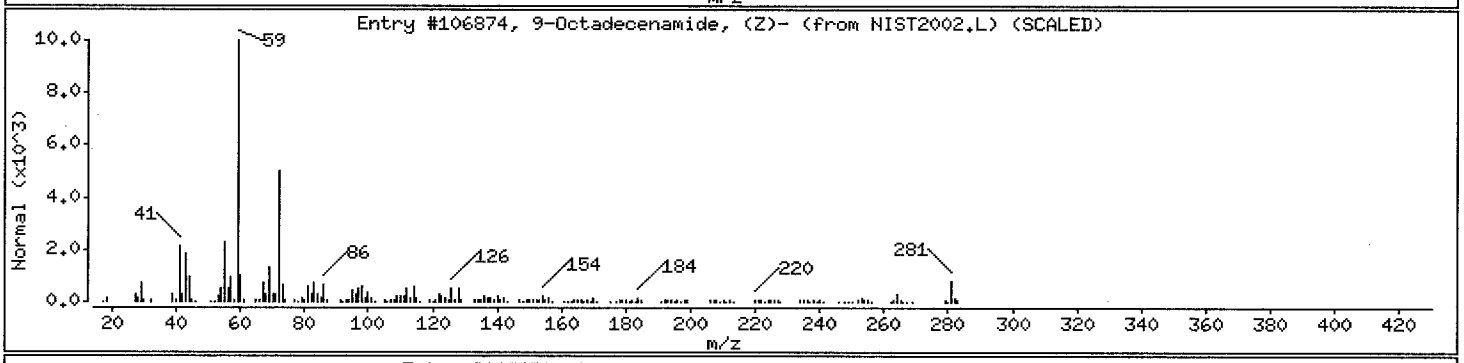
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

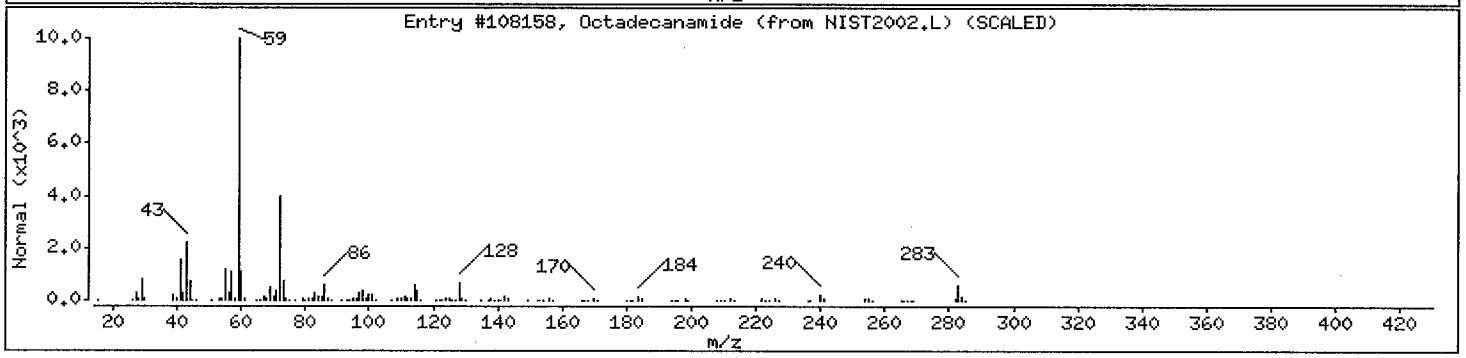
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
13-Docosenamide, (Z)-	112-84-5	NIST2002.L	135944	93	C22H43NO	337
9-Octadecenamide, (Z)-	301-02-0	NIST2002.L	106874	49	C18H35NO	281
Octadecanamide	124-26-5	NIST2002.L	108158	47	C18H37NO	283









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5205.D

Date : 10-AUG-2007 21:28

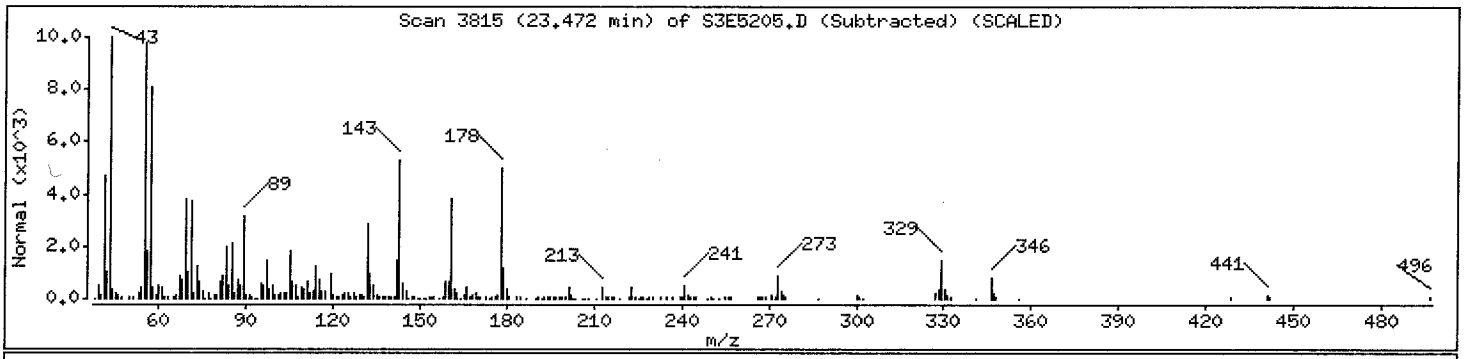
Client ID: SB06 Instrument: S3.i

Sample Info: F0981-03A,,31231,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SB12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5208

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	94	J
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5208

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	250	J
120-12-7	Anthracene	89	J
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	370	U
206-44-0	Fluoranthene	640	
129-00-0	Pyrene	560	
85-68-7	Butylbenzylphthalate	370	U
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	440	
218-01-9	Chrysene	410	
117-81-7	bis(2-Ethylhexyl)phthalate	52	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	560	
207-08-9	Benzo(k)fluoranthene	240	J
50-32-8	Benzo(a)pyrene	440	
193-39-5	Indeno(1,2,3-cd)pyrene	230	J
53-70-3	Dibenzo(a,h)anthracene	84	J
191-24-2	Benzo(g,h,i)perylene	230	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SB12

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5208

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

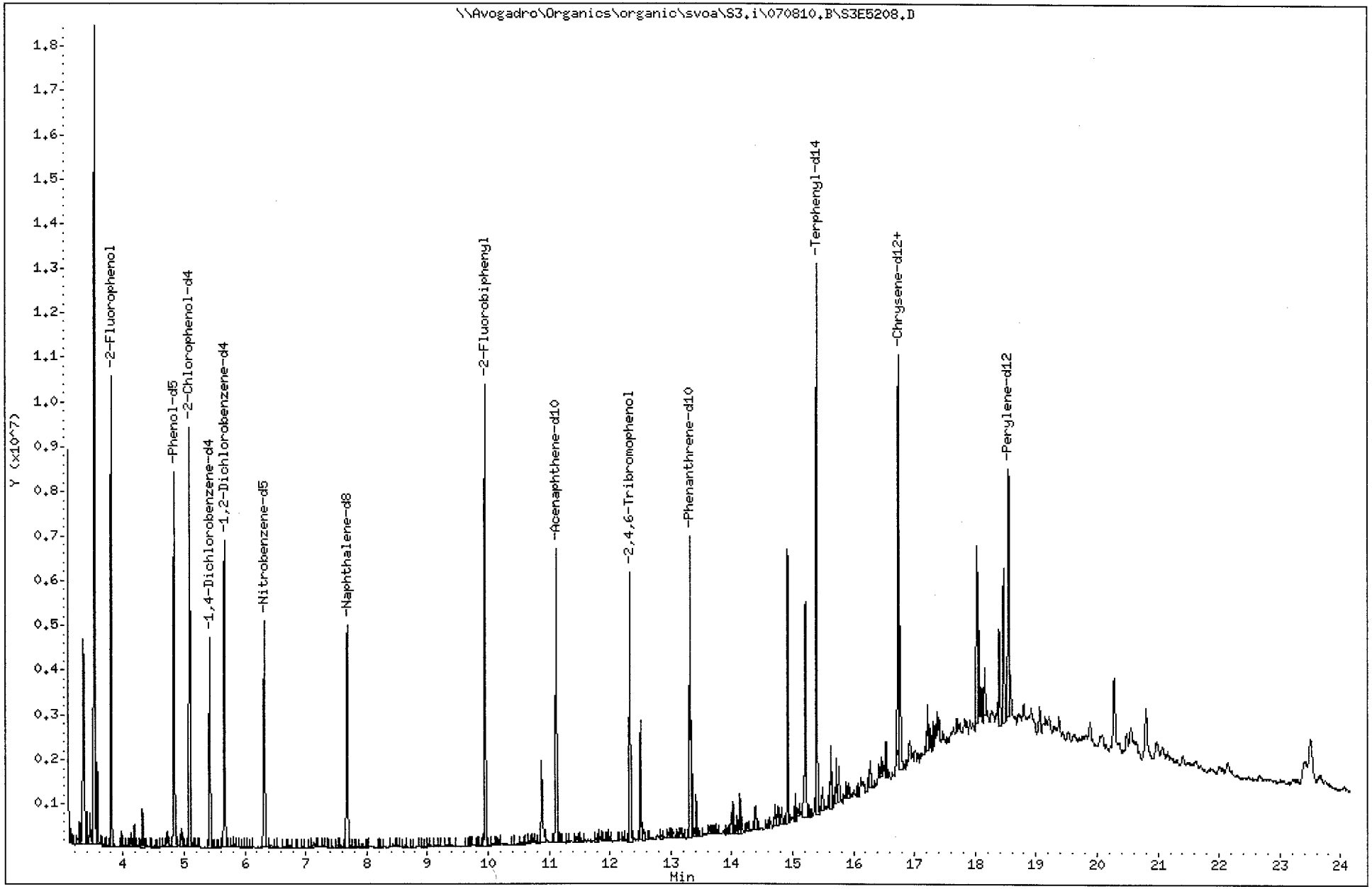
GPC Cleanup: (Y/N) Y pH: 7.6 Extraction: (Type) SONC

Number TICs found: 6

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	613-12-7	ANTHRACENE, 2-METHYL-	14.02	76	NJ
2.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	14.14	110	NJ
3.		UNKNOWN	14.39	93	J
4.	243-17-4	11H-BENZO[B]FLUORENE	15.63	96	NJ
5.	205-99-2	BENZ[E]ACEPHENANTHRYLENE	18.16	120	NJ
6.	192-97-2	BENZO[E]PYRENE	18.39	290	NJ
7.					
8.					
9.					
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29.					
30.					

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D
Date : 10-AUG-2007 23:12
Client ID: SB12 Instrument: S3.i
Sample Info: F0981-04A,,31231,,
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS
Column phase: DB-5MS Column diameter: 0.25



GS59

Data File: S3E5208.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D
Lab Smp Id: F0981-04A Client Smp ID: SB12
Inj Date : 10-AUG-2007 23:12
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-04A,,31231,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	12.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.805	3.793	(0.702)	2647906	98.6040	1900
$	3 Phenol-d5	99	4.841	4.834	(0.893)	3562404	95.8914	1800
$	6 2-Chlorophenol-d4	132	5.092	5.091	(0.939)	2802183	101.046	1900
*	8 1,4-Dichlorobenzene-d4	152	5.424	5.422	(1.000)	895062	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.664	5.662	(1.044)	1360744	66.0826	1200
$	16 Nitrobenzene-d5	82	6.321	6.325	(0.823)	2437492	69.2186	1300
*	23 Naphthalene-d8	136	7.683	7.687	(1.000)	3214346	40.0000	
$	33 2-Fluorobiphenyl	172	9.954	9.952	(0.895)	4665716	69.8353	1300
	39 Acenaphthylene	152	10.883	10.887	(0.979)	389827	4.99407	94(a)
*	41 Acenaphthene-d10	164	11.118	11.122	(1.000)	1836402	40.0000	
$	53 2,4,6-Tribromophenol	330	12.336	12.335	(0.927)	806204	85.8867	1600
*	58 Phenanthrene-d10	188	13.314	13.318	(1.000)	2937367	40.0000	
	59 Phenanthrene	178	13.346	13.350	(1.002)	1107166	13.2778	250(a)
	60 Anthracene	178	13.415	13.419	(1.008)	395598	4.71647	89(a)
	63 Fluoranthene	202	14.917	14.920	(1.120)	3025998	33.8904	640
	64 Pyrene	202	15.216	15.214	(0.909)	2531665	29.6381	560
$	65 Terphenyl-d14	244	15.403	15.396	(0.920)	4453106	69.2439	1300
	68 Benzo(a)anthracene	228	16.728	16.731	(0.999)	2047517	23.4601	440
*	69 Chrysene-d12	240	16.744	16.742	(1.000)	3149399	40.0000	
	70 Chrysene	228	16.776	16.774	(1.002)	1756765	21.9211	410

Data File: S3E5208.D
Report Date: 15-Aug-2007 11:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	71 bis(2-Ethylhexyl)phthalate	149	16.706	16.705	(0.998)	131853	2.73882	52(a)
	73 Benzo(b)fluoranthene	252	18.031	18.024	(0.972)	2811388	29.5380	560(M)
	74 Benzo(k)fluoranthene	252	18.058	18.061	(0.974)	1196018	12.6016	240(aQM)
	75 Benzo(a)pyrene	252	18.474	18.467	(0.996)	2029108	23.3416	440
*	76 Perylene-d12	264	18.549	18.542	(1.000)	3113793	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.285	20.273	(1.094)	1300494	12.4762	230(a)
	78 Dibenzo(a,h)anthracene	278	20.291	20.294	(1.094)	406020	4.46923	84(a)
	79 Benzo(g,h,i)perylene	276	20.809	20.802	(1.122)	1087902	12.1784	230(a)

> m2 8/15/07 SW

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

8/15/07 SW

Data File: S3E5208.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D
Lab Smp Id: F0981-04A Client Smp ID: SB12
Inj Date : 10-AUG-2007 23:12
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-04A,,31231,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	12.000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 58 Phenanthrene-d10	13.314	8390612	40.000
* 69 Chrysene-d12	16.744	13752088	40.000
* 76 Perylene-d12	18.550	9145748	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cyclic Alkane					CAS #:		
12.502	2845039	13.5629609	260	0		0	58
Anthracene, 2-methyl-					CAS #: 613-12-7		
14.025	845931	4.03275172	76	98	NIST2002.L	50612	58
4H-Cyclopenta[def]phenanthrene					CAS #: 203-64-5		
14.137	1223379	5.83213129	110	97	NIST2002.L	49337	58

Data File: S3E5208.D
Report Date: 15-Aug-2007 11:50

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
14.388	1040082	4.95831353	93	0		0	58
11H-Benzo[b]fluorene				CAS #: 243-17-4			
15.633	1748133	5.08470668	96	97	NIST2002.L	67030	69
Benz[e]acephenanthrylene				CAS #: 205-99-2			
18.160	1442872	6.31056956	120	93	NIST2002.L	89826	76(L)
Benzo[e]pyrene				CAS #: 192-97-2			
18.395	3506151	15.3345587	290	99	NIST2002.L	89816	76

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

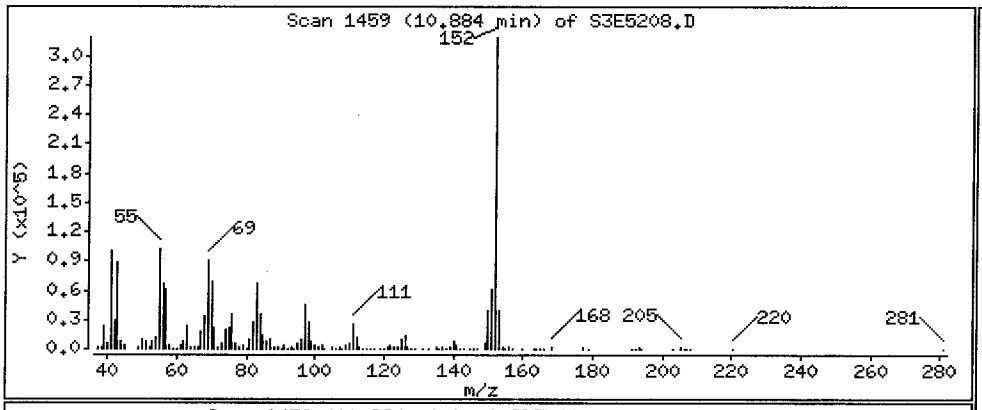
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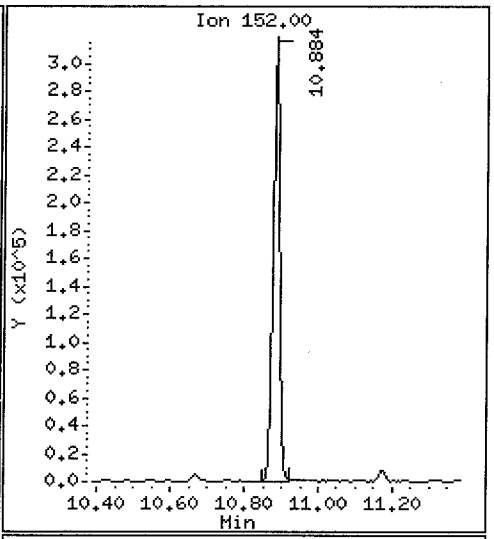
Sample Info: F0981-04A,,31231,,

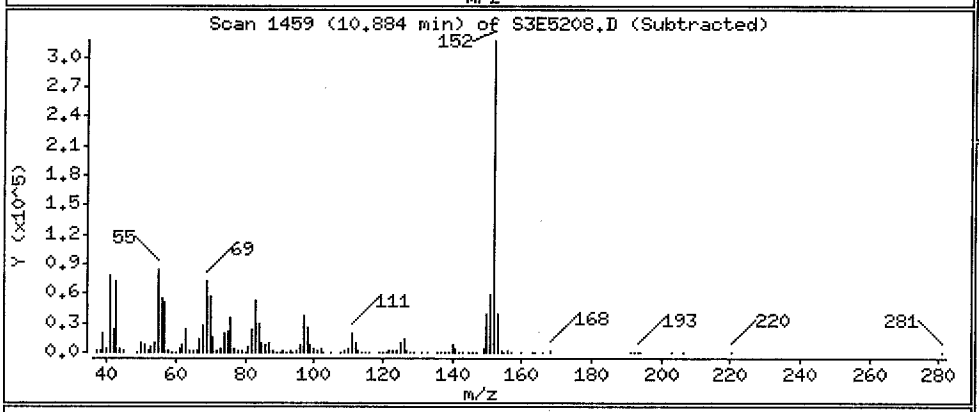
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

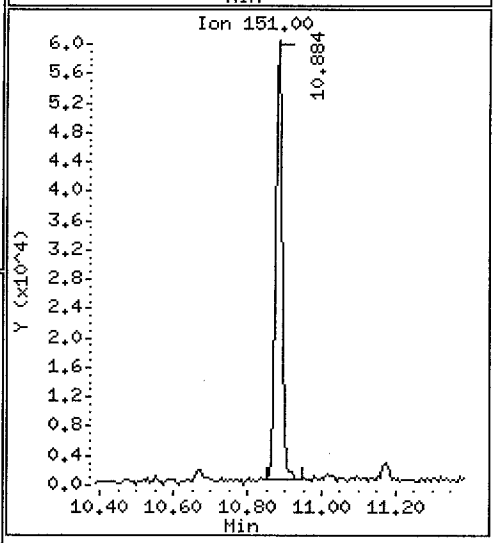
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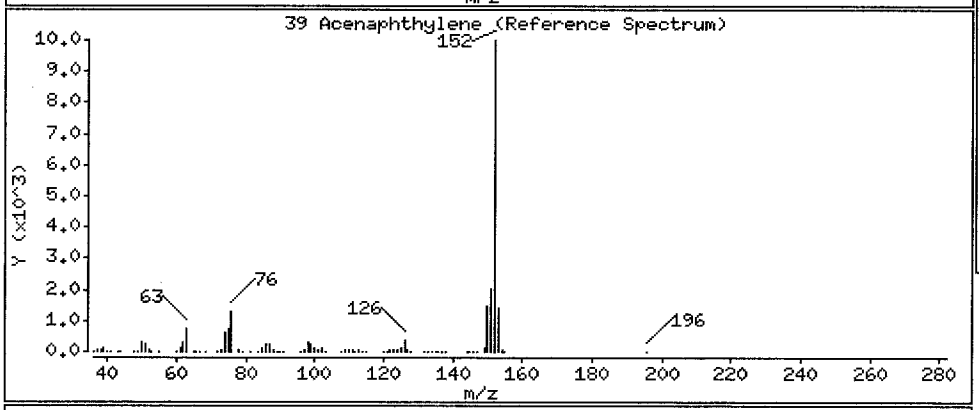
39 Acenaphthylene Concentration: 94 ug/Kg

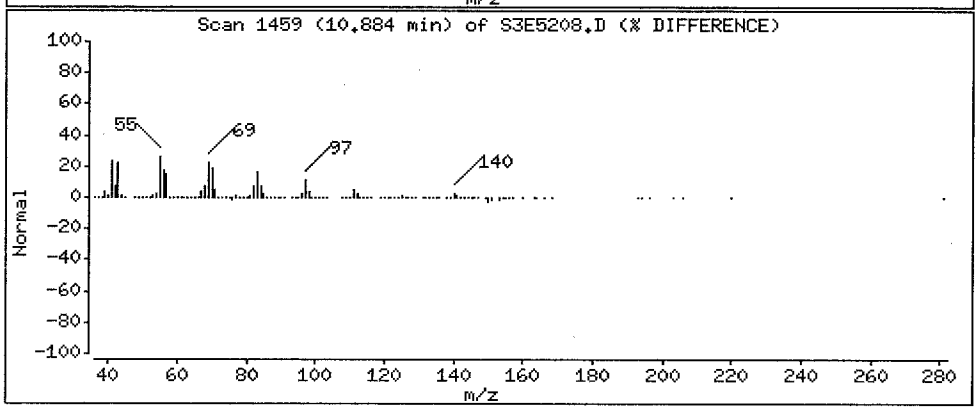












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

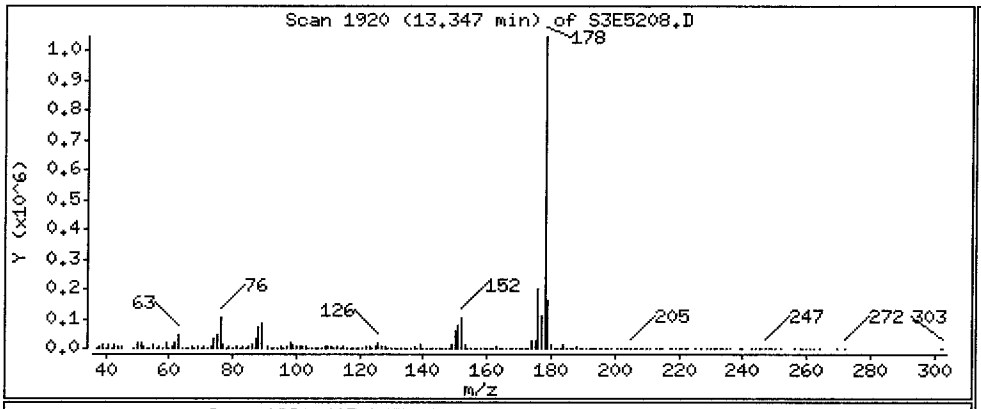
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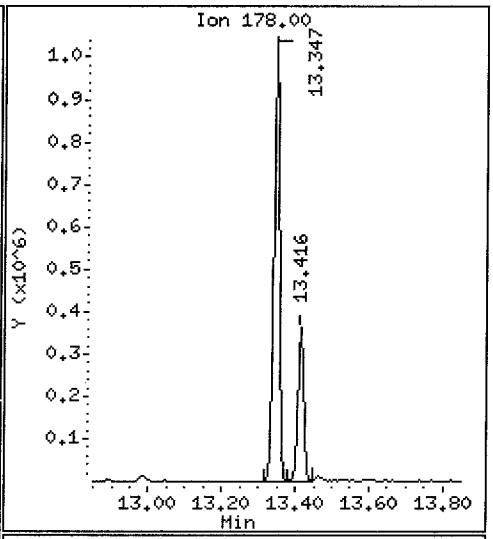
Sample Info: F0981-04A,,31231,,

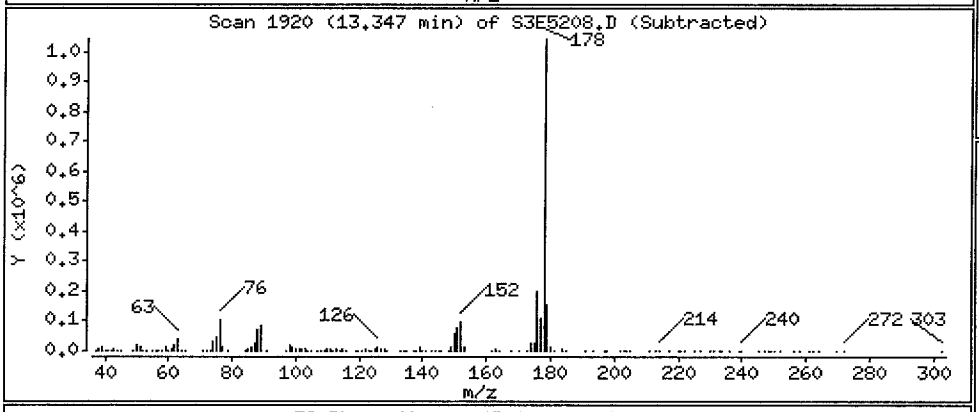
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

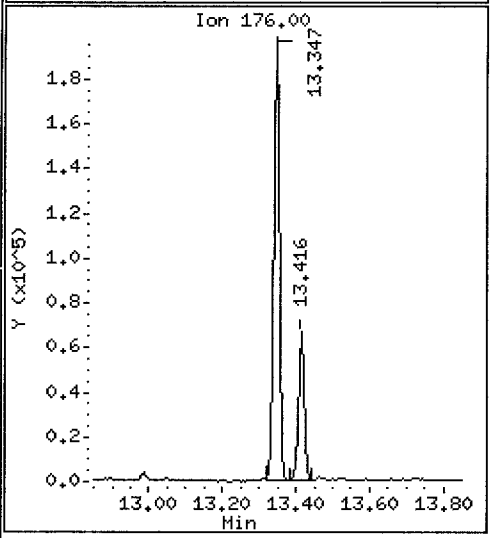
Column phase: DB-5MS Column diameter: 0.25

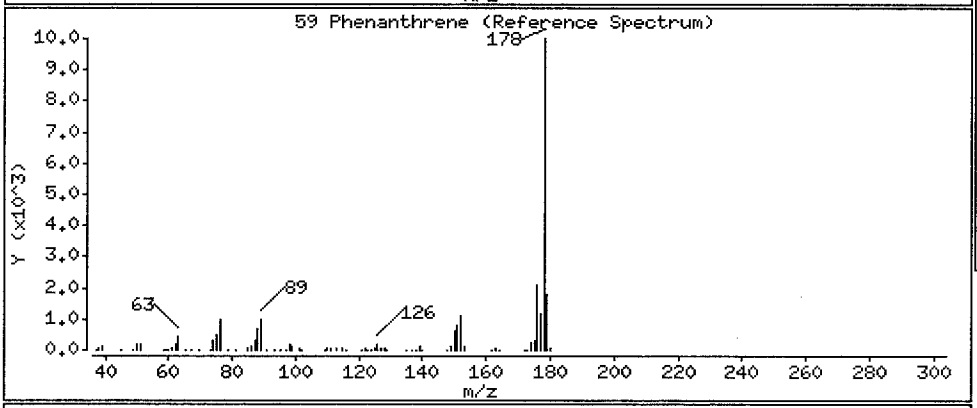
59 Phenanthrene Concentration: 250 ug/Kg

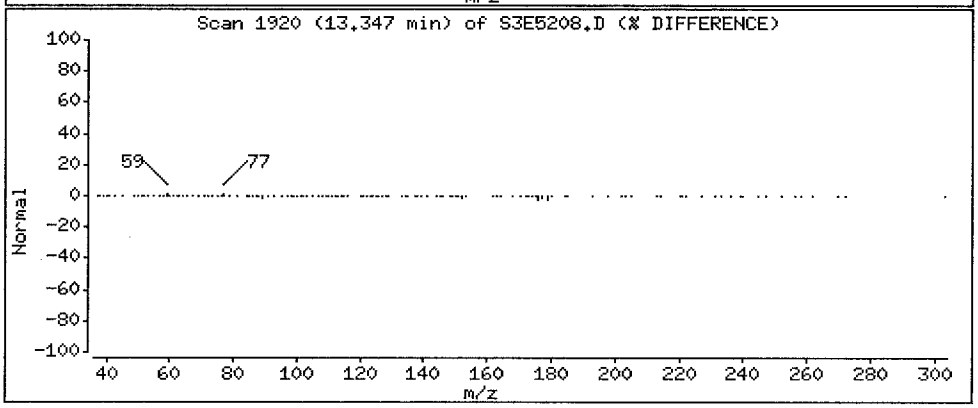












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

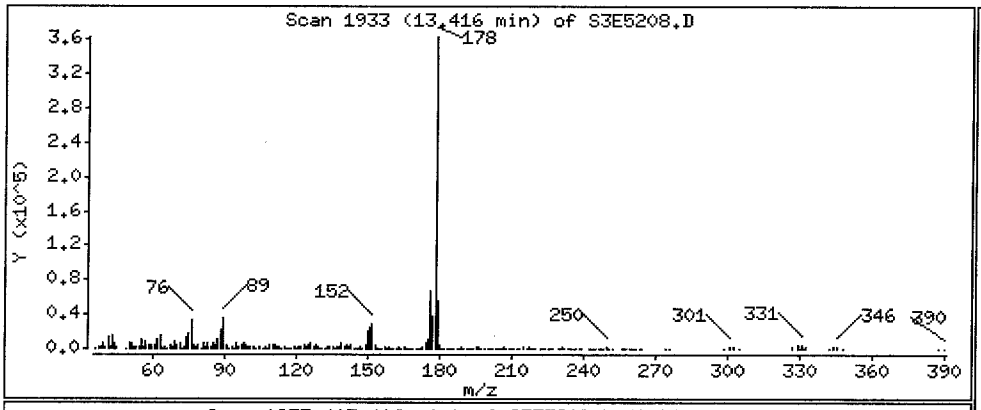
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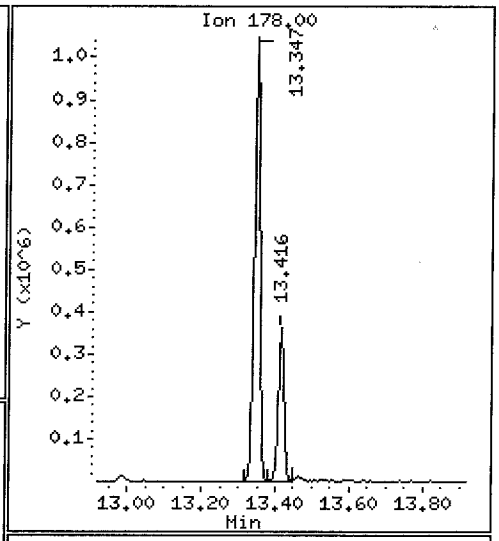
Sample Info: F0981-04A,,31231,,

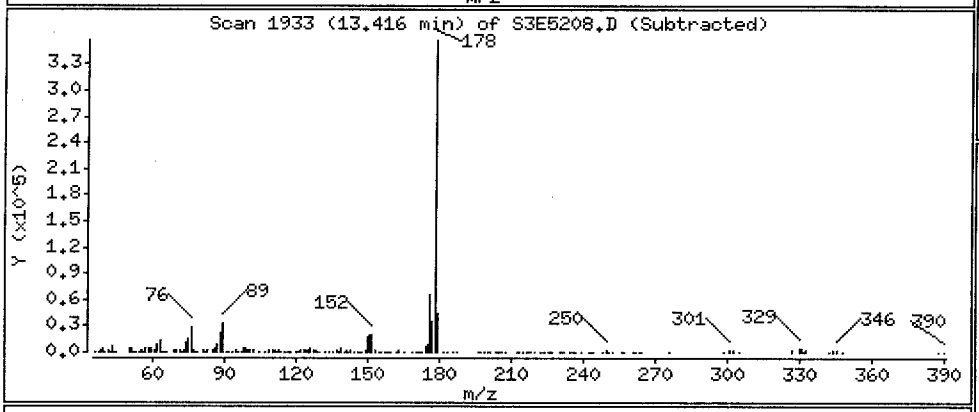
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

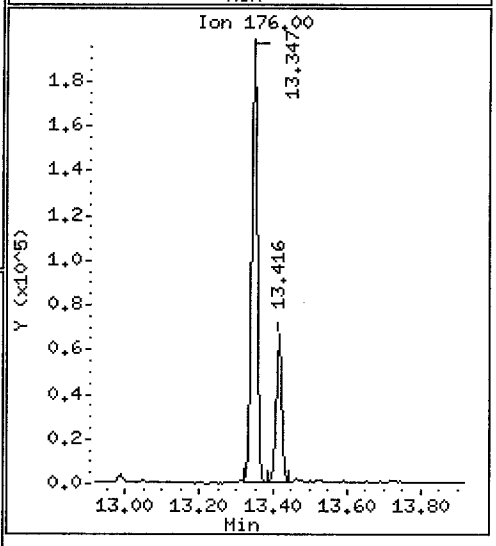
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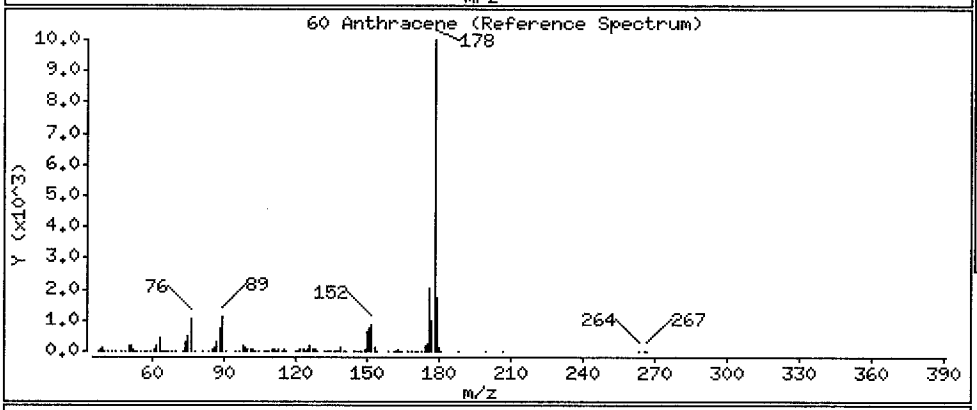
60 Anthracene Concentration: 89 ug/Kg

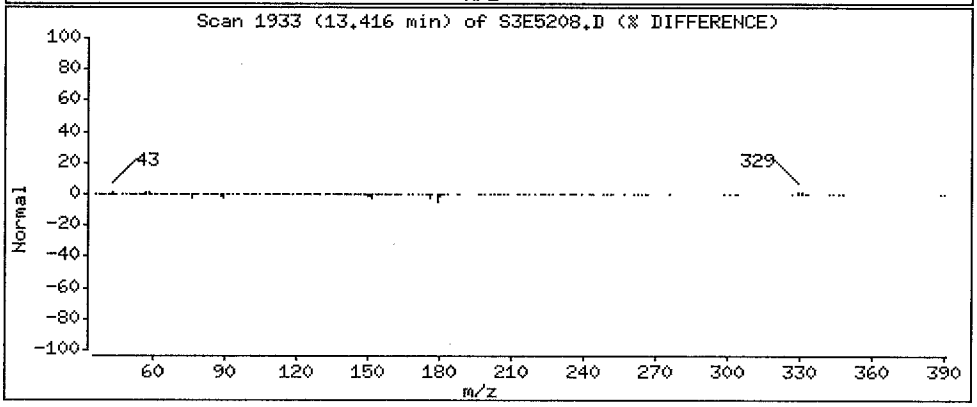












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

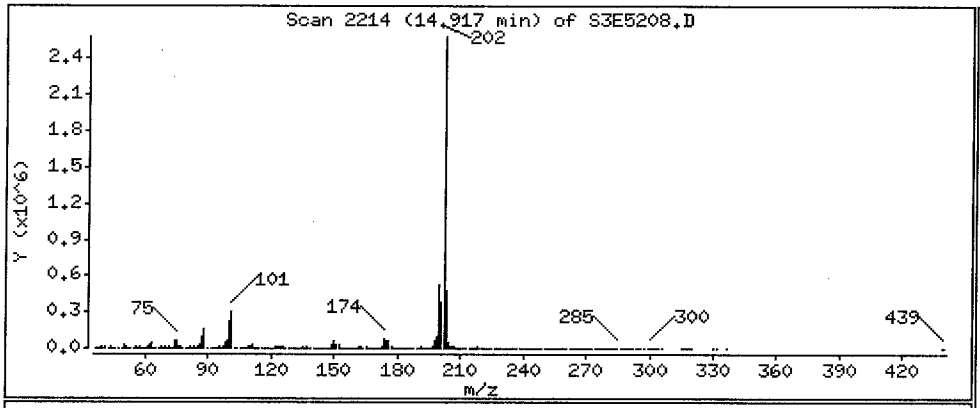
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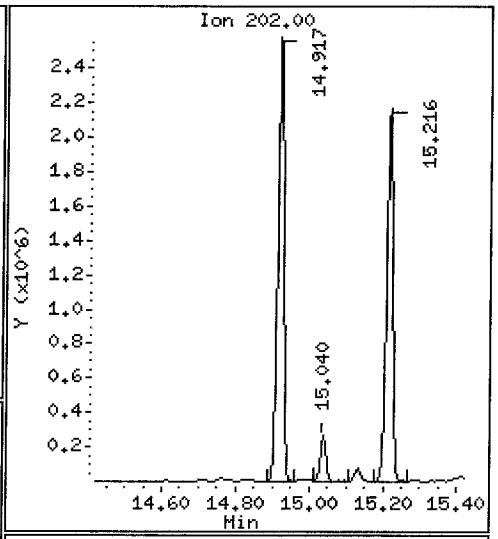
Sample Info: F0981-04A,,31231,,

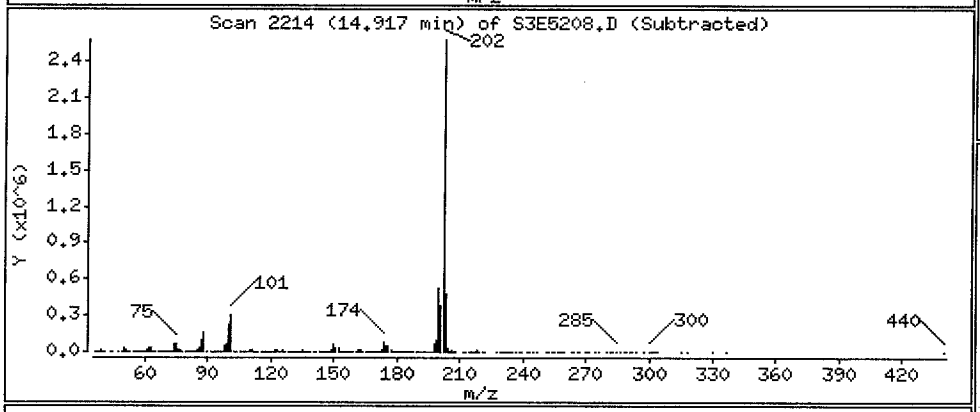
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

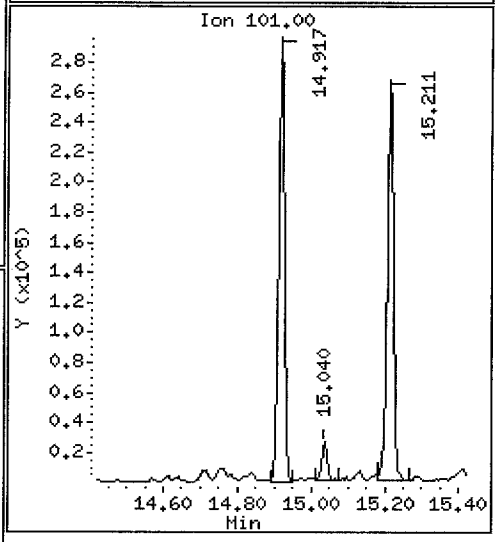
Column phase: DB-5MS Column diameter: 0.25

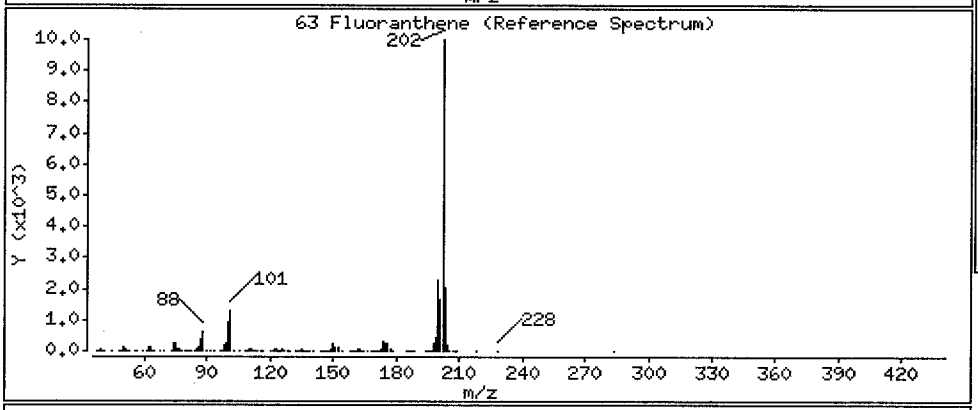
63 Fluoranthene Concentration: 640 ug/Kg

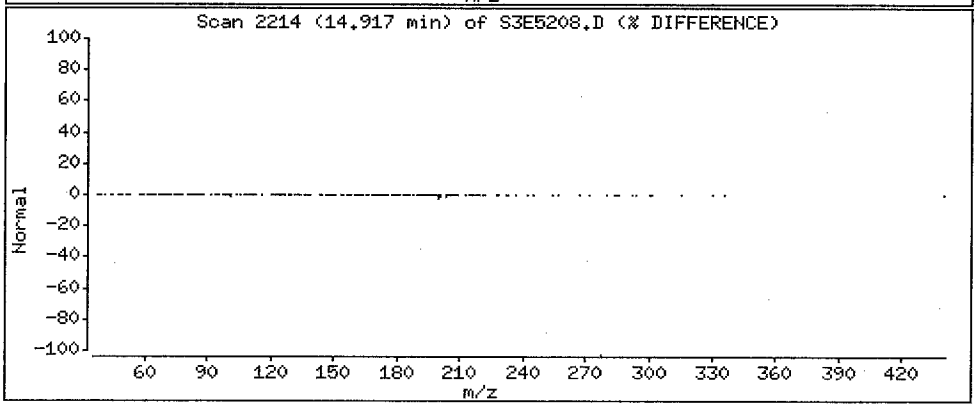












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

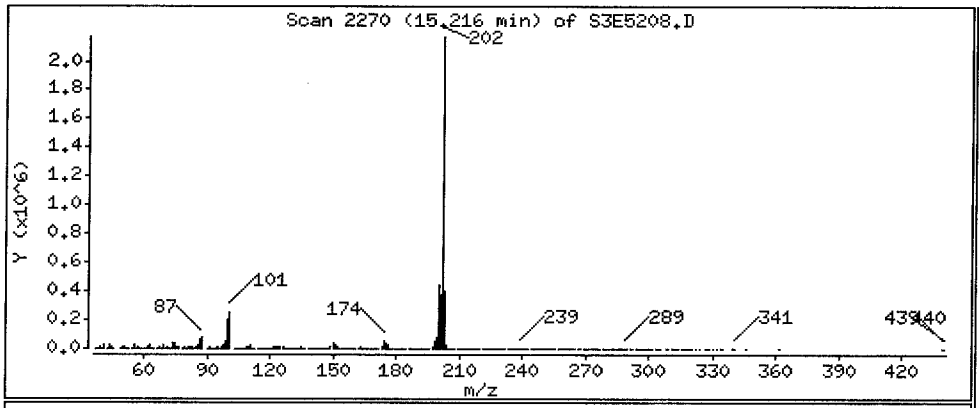
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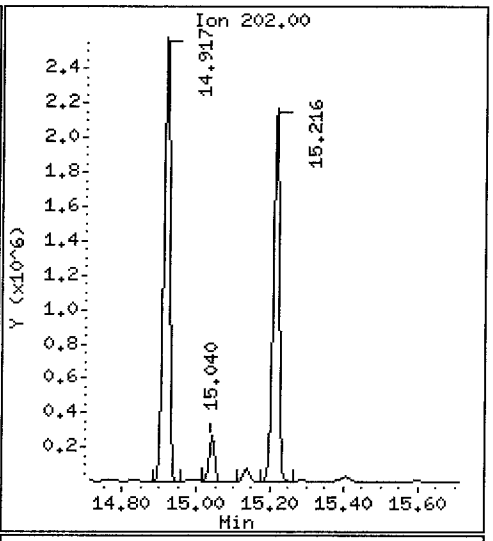
Sample Info: F0981-04A,,31231,,

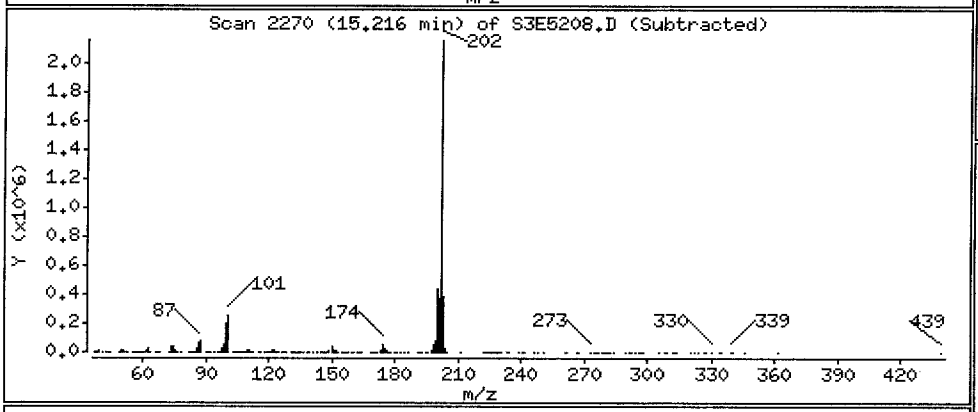
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

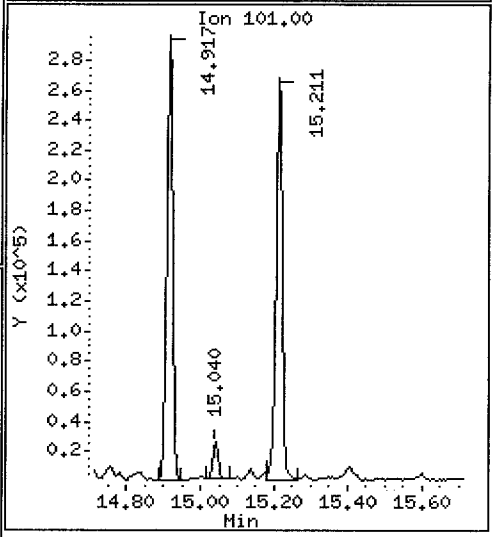
Column phase: DB-5MS Column diameter: 0.25

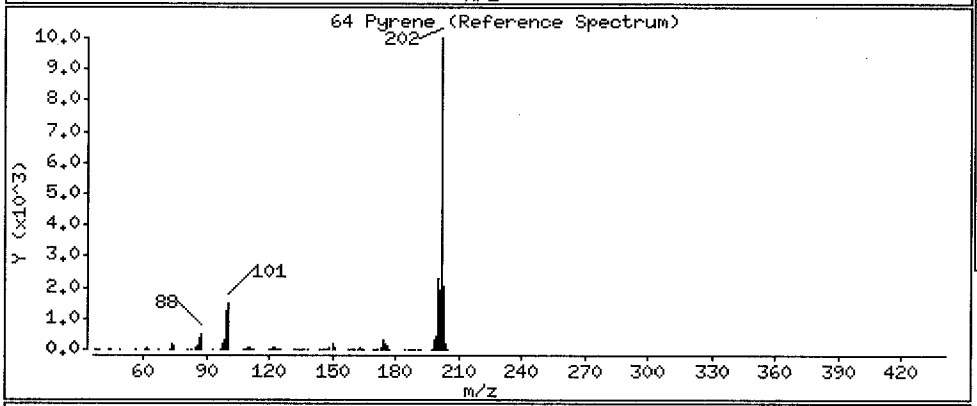
64 Pyrene Concentration: 560 ug/Kg

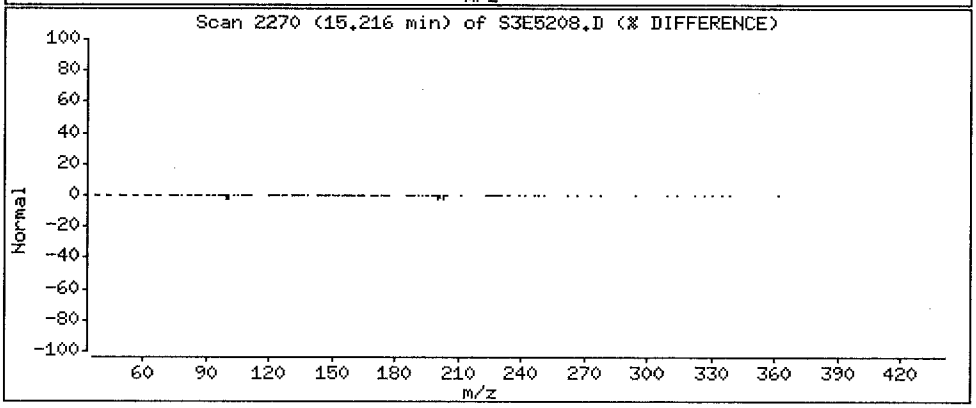












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Date : 10-AUG-2007 23:12

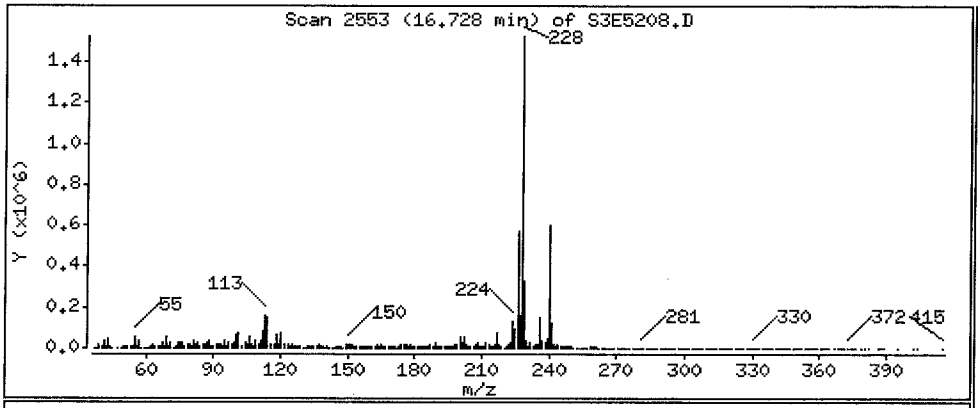
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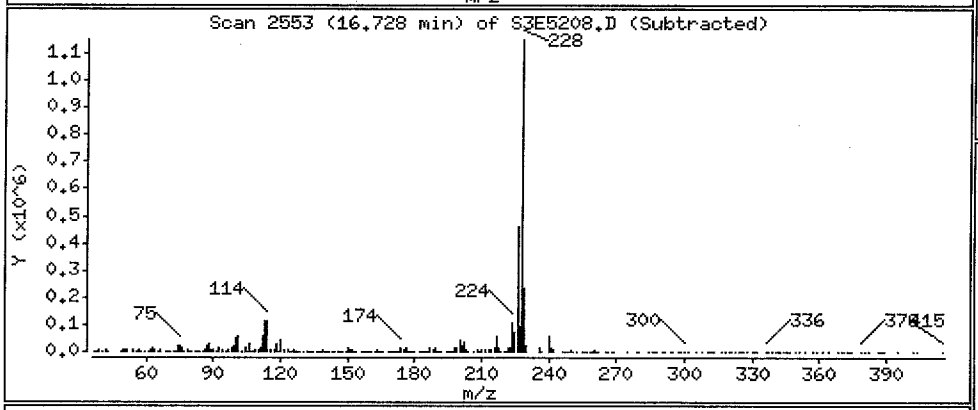
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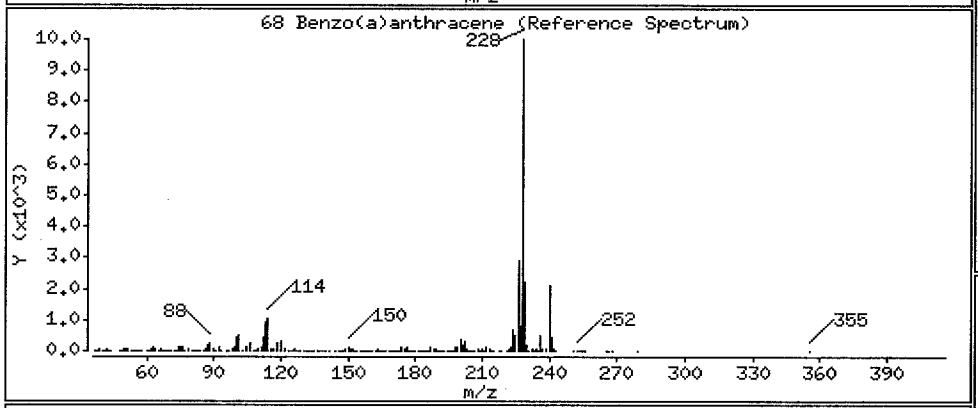
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

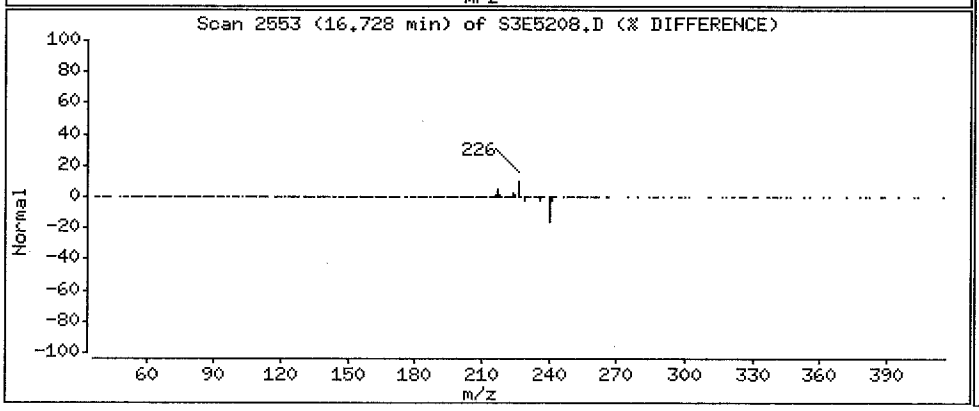
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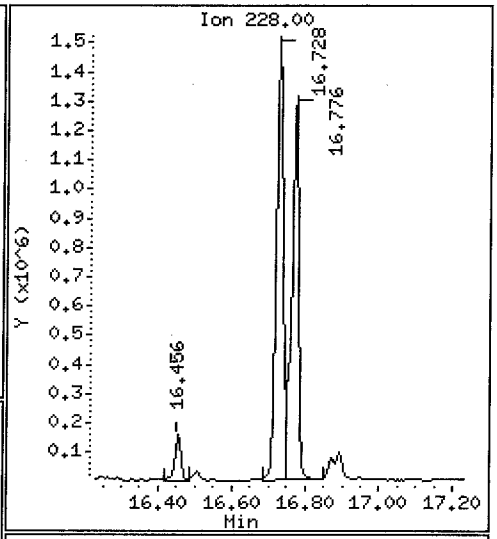
68 Benzo(a)anthracene Concentration: 440 ug/Kg

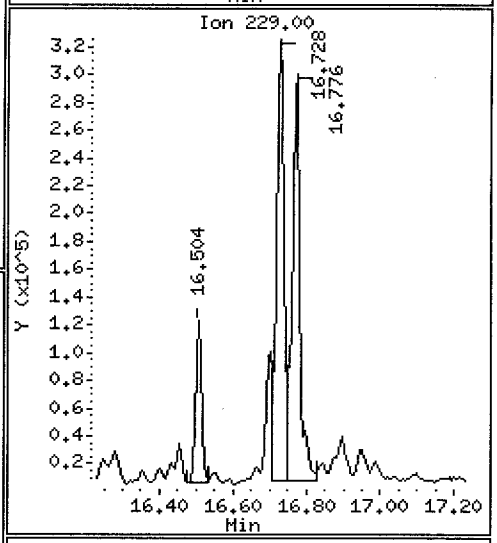


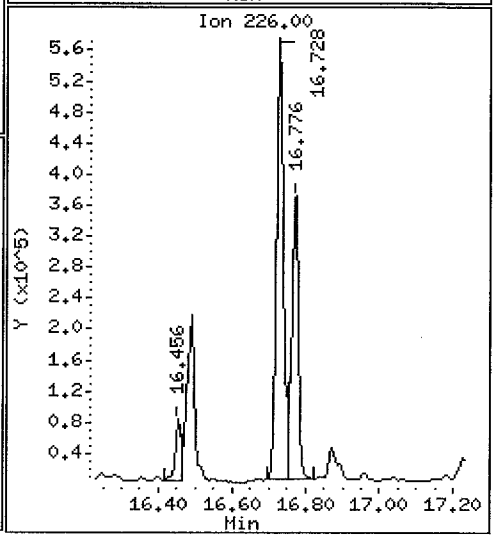












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

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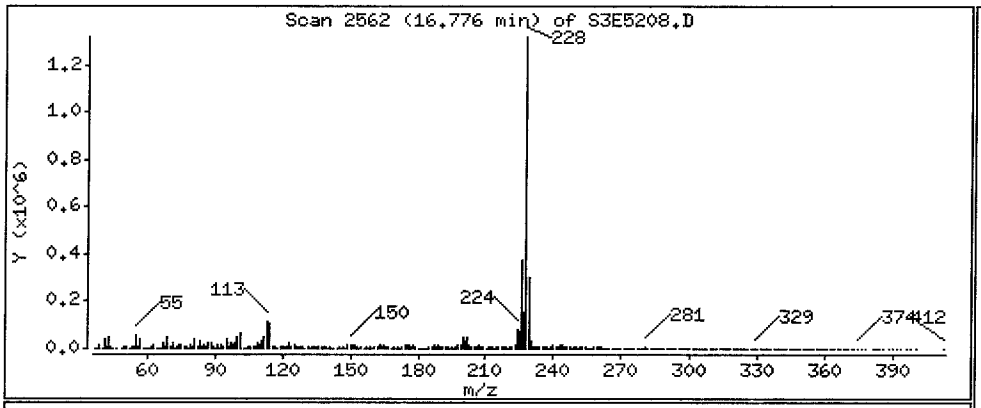
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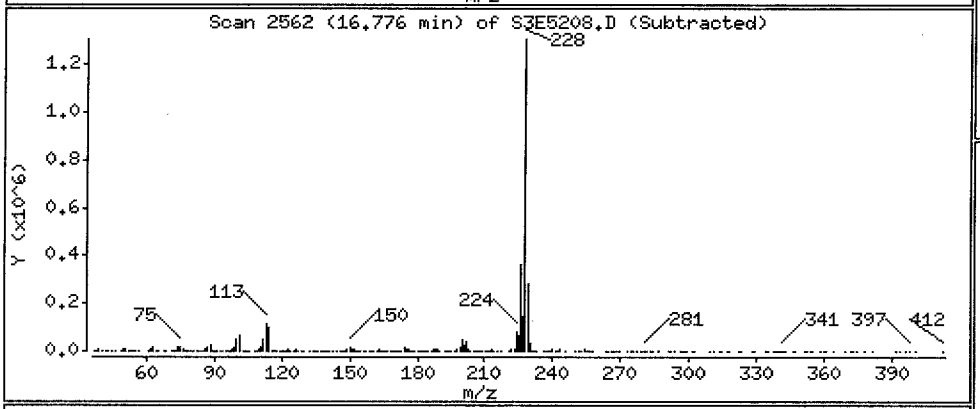
Sample Info: F0981-04A,,31231,,

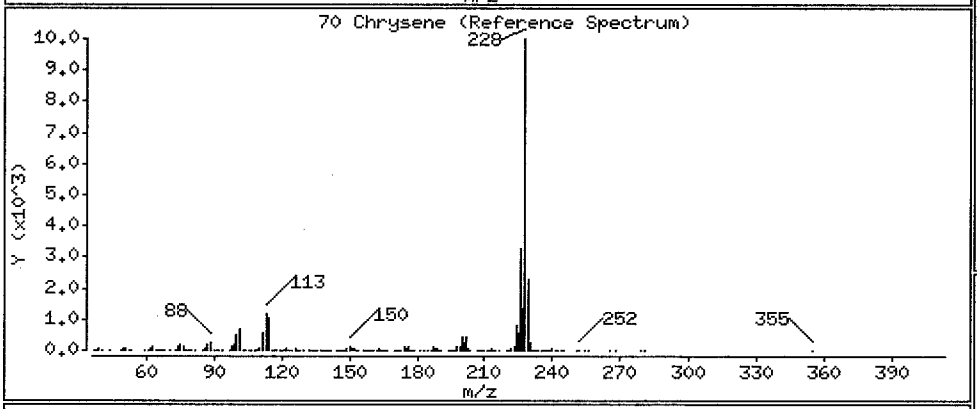
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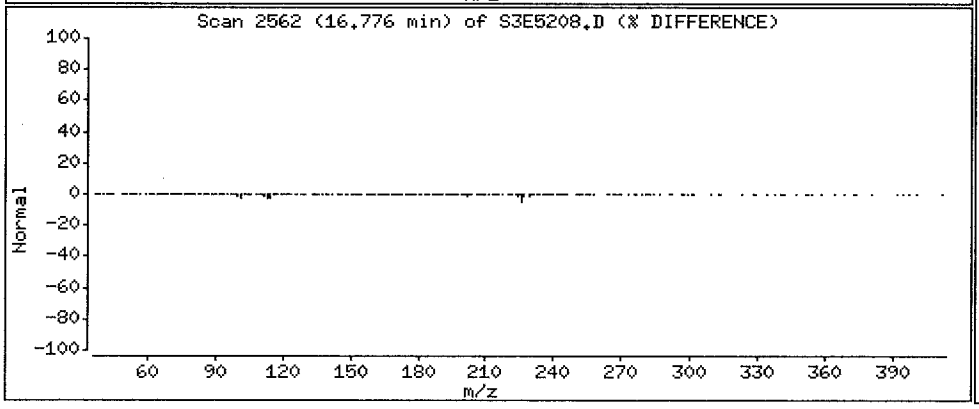
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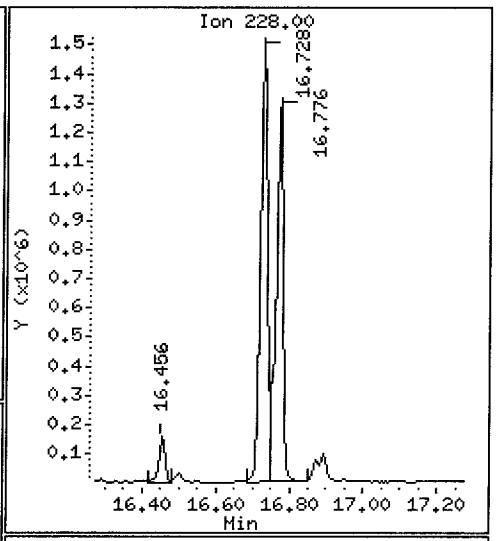
70 Chrysene Concentration: 410 ug/Kg

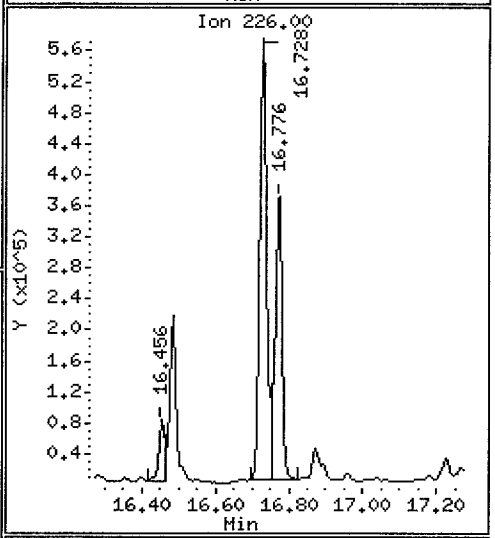


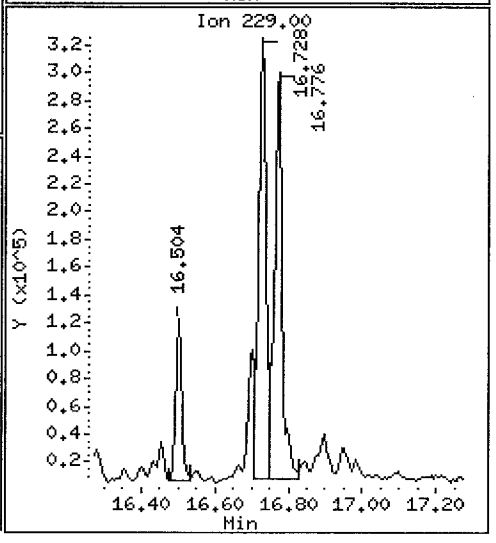












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

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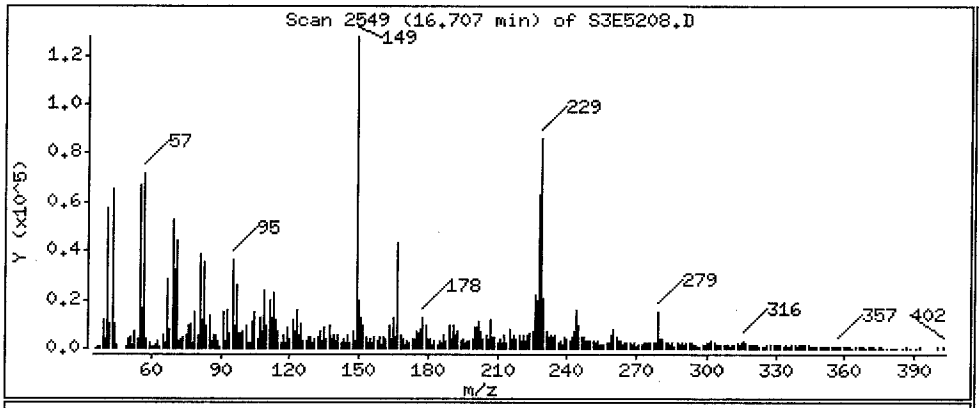
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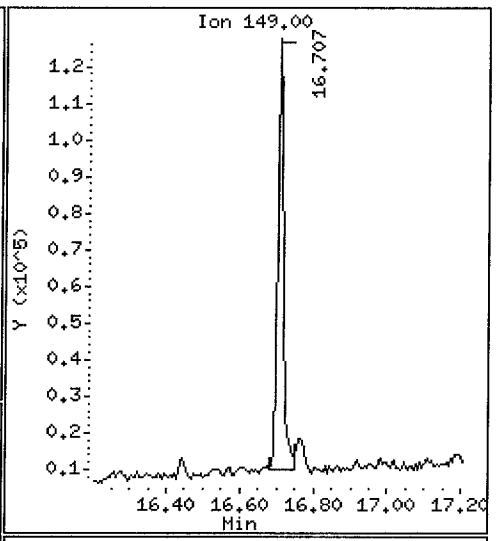
Sample Info: F0981-04A,,31231,,

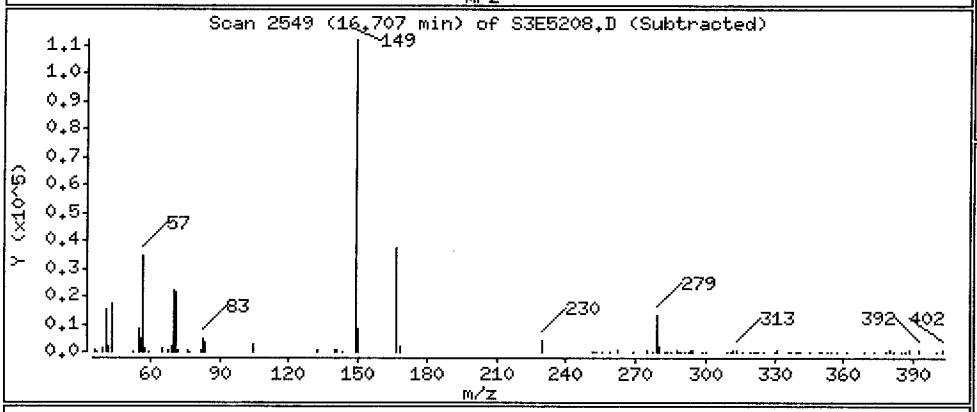
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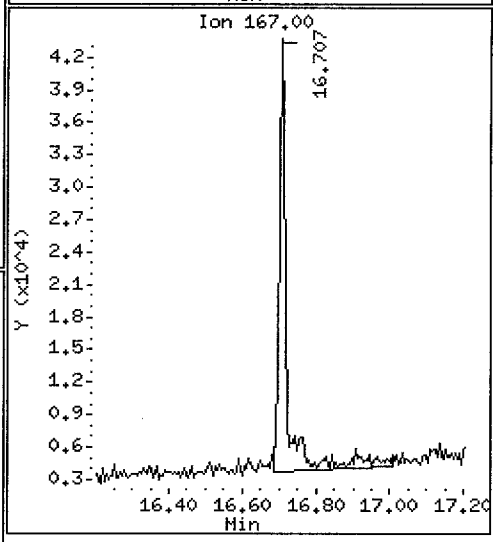
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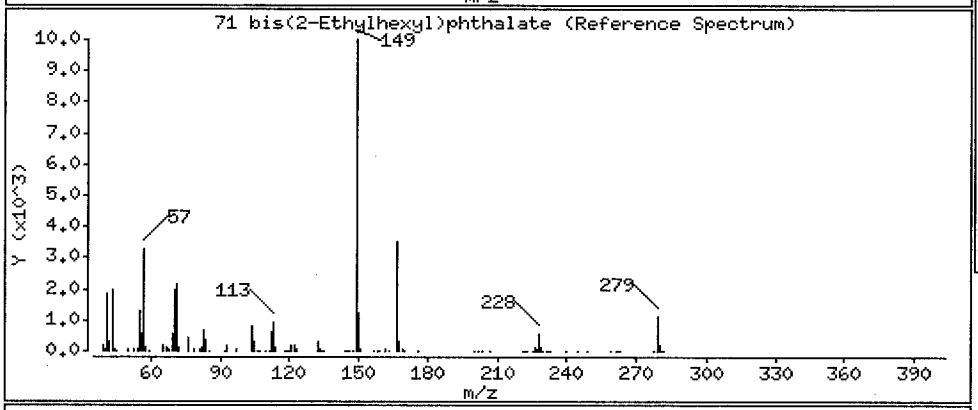
71 bis(2-Ethylhexyl)phthalate Concentration: 52 ug/Kg

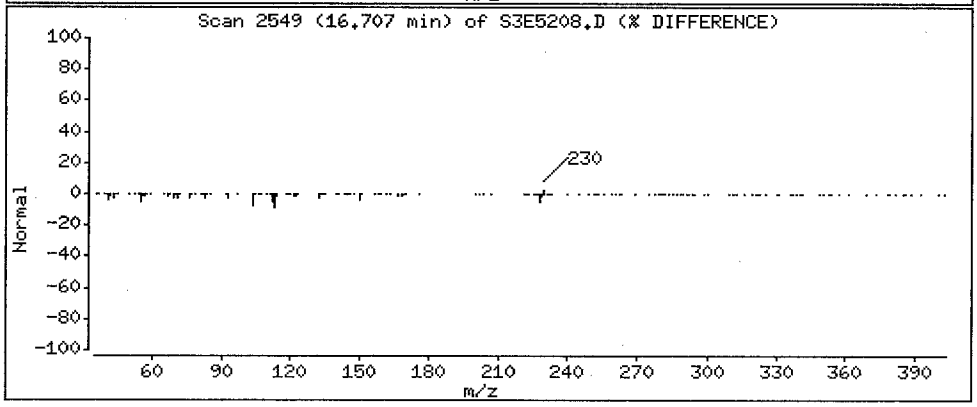












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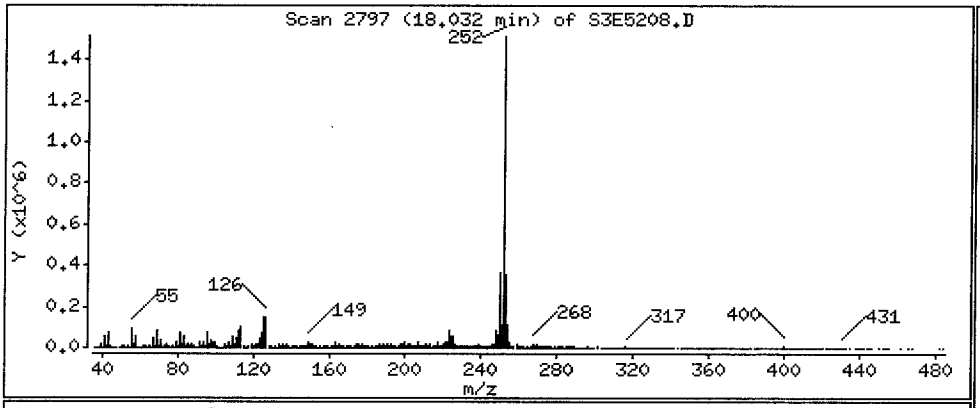
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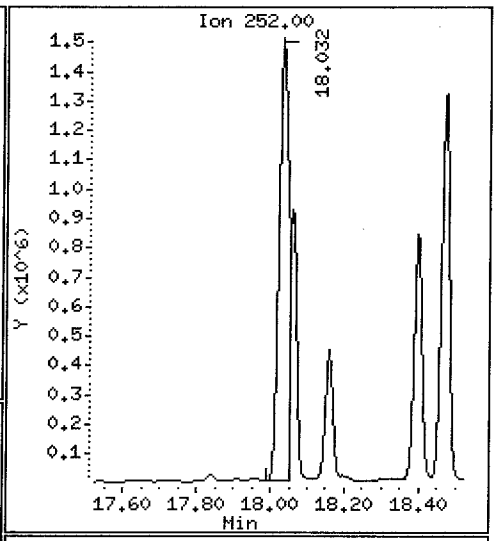
Sample Info: F0981-04A,,31231,,

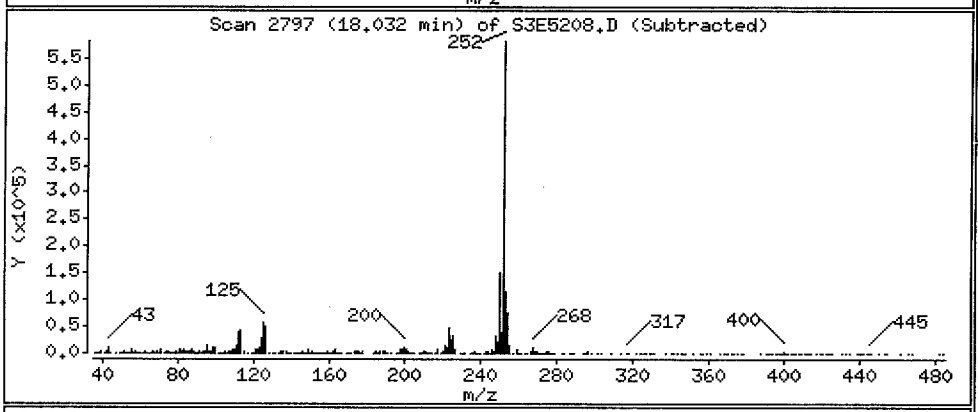
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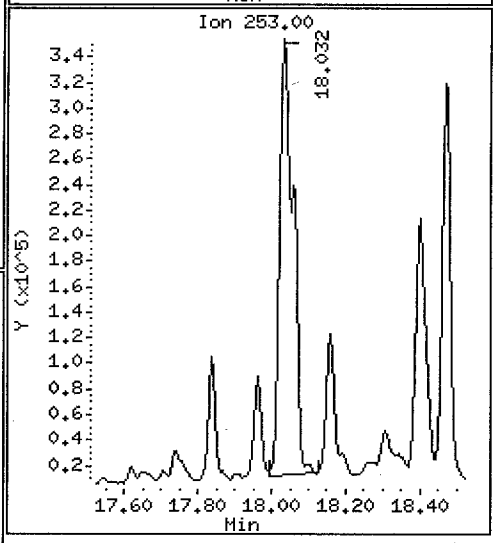
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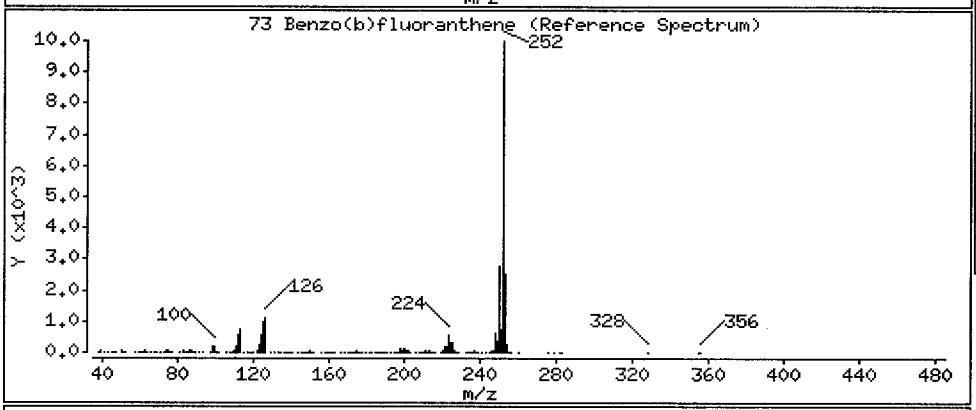
73 Benzo(b)fluoranthene Concentration: 560 ug/Kg

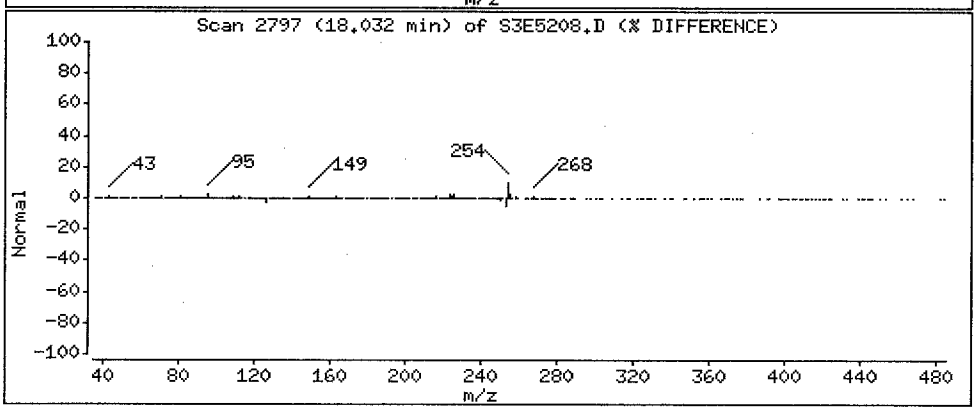












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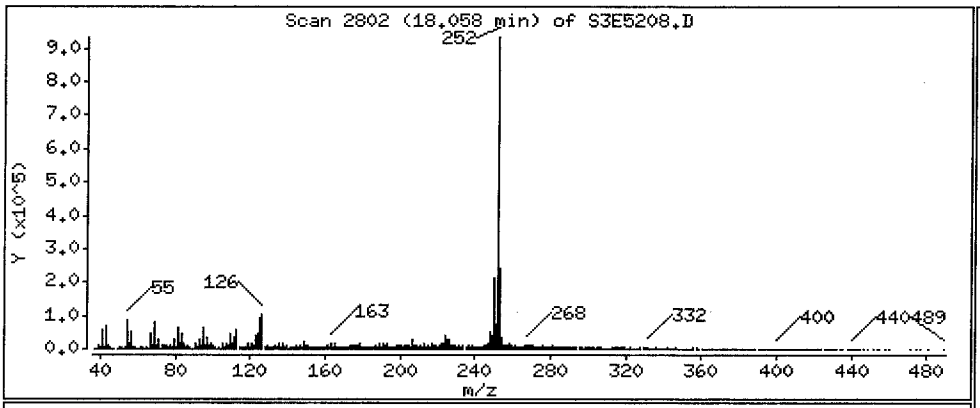
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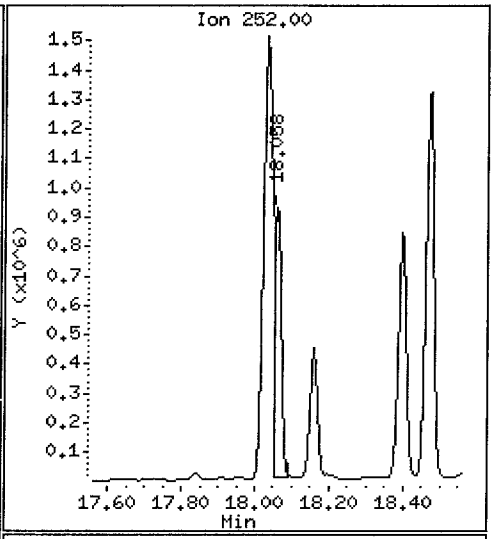
Sample Info: F0981-04A,,31231,,

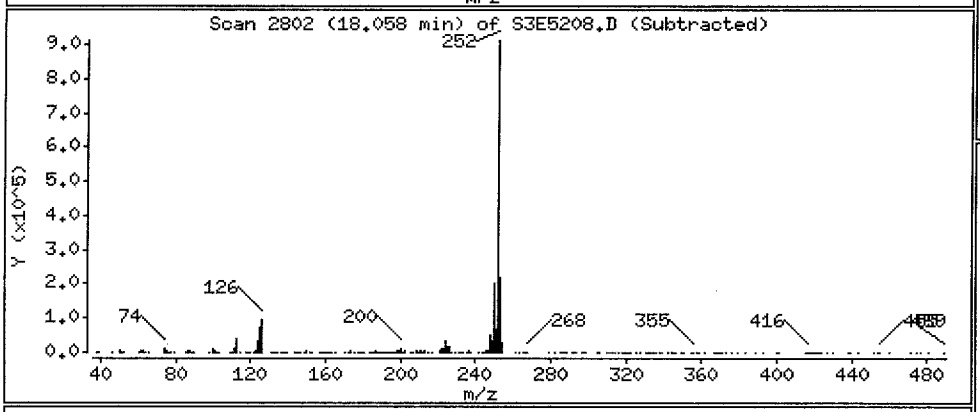
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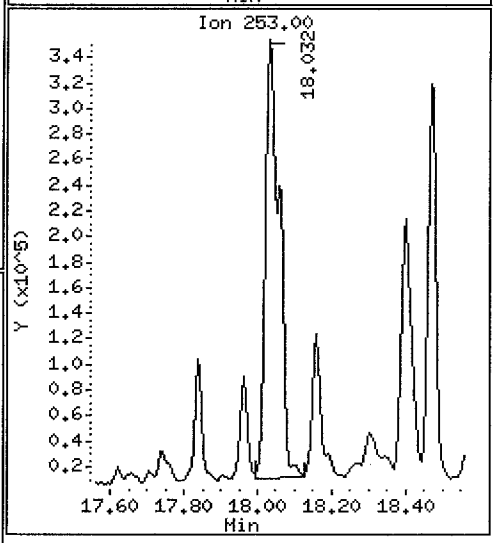
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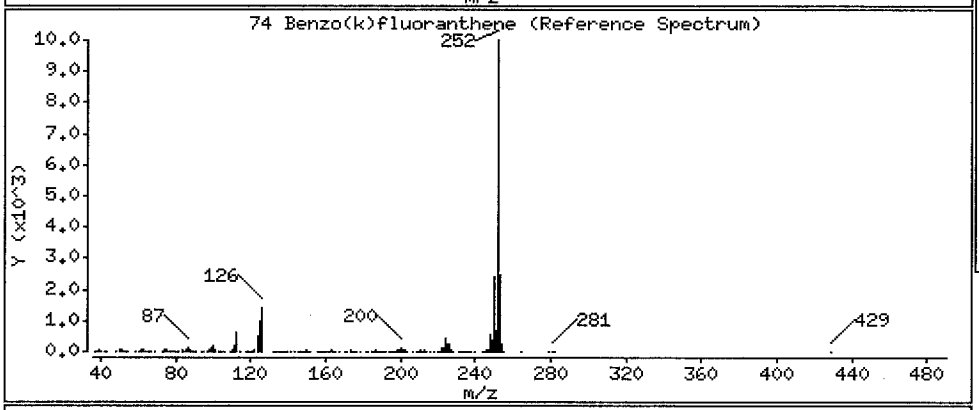
74 Benzo(k)fluoranthene Concentration: 240 ug/Kg

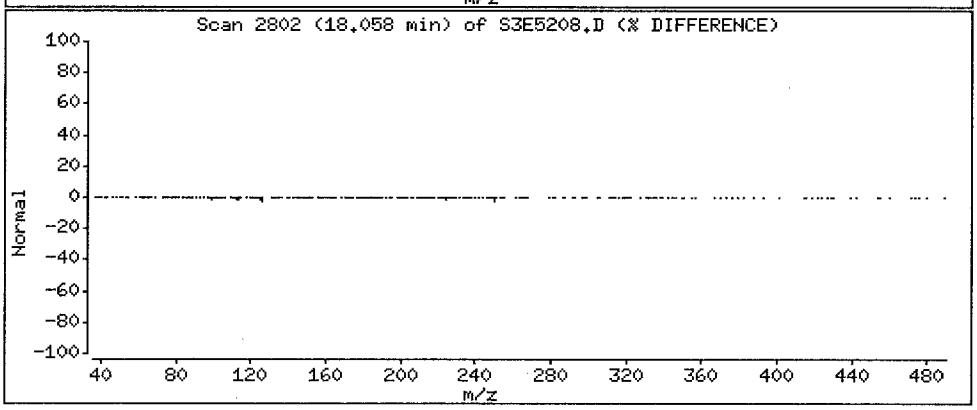












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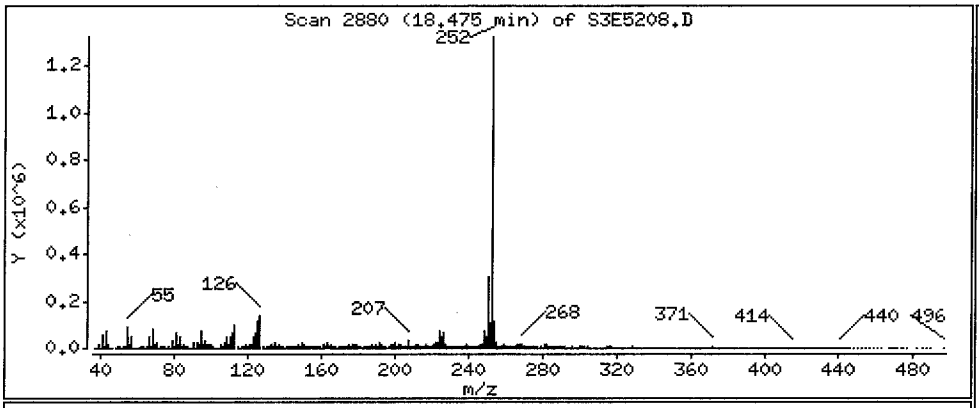
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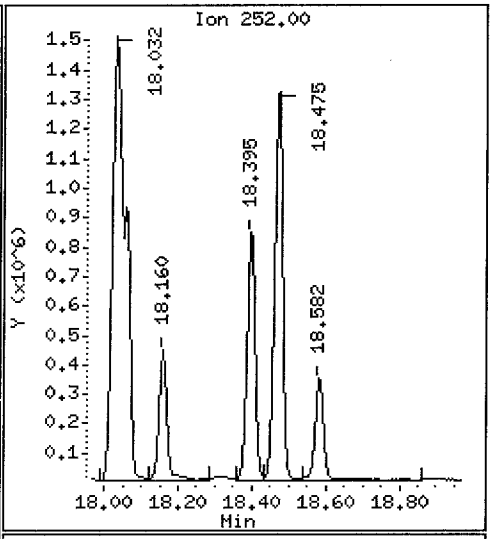
Sample Info: F0981-04A,,31231,,

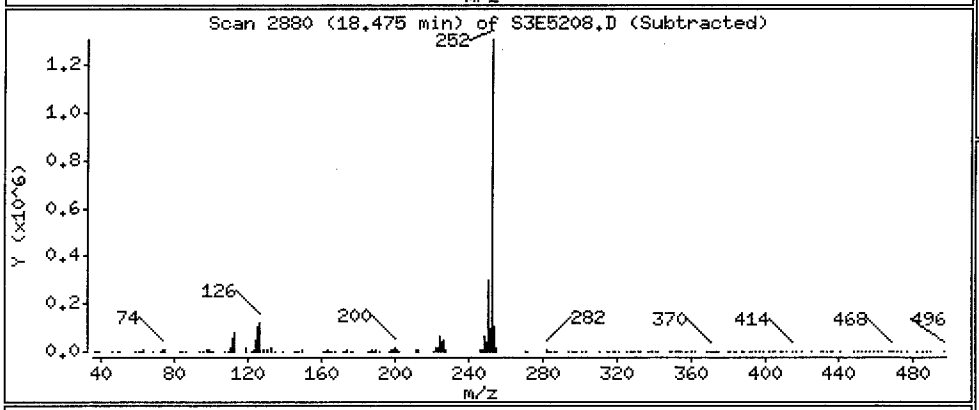
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

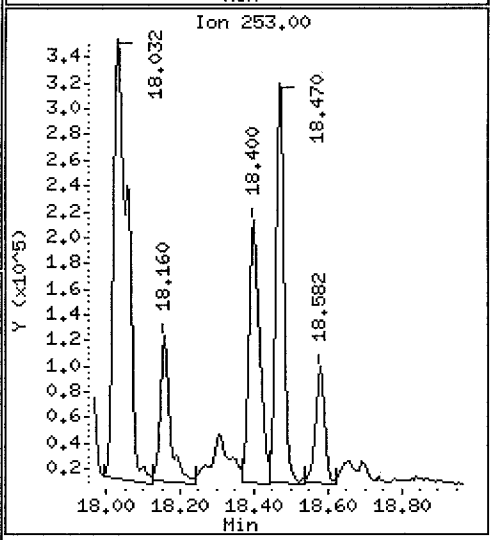
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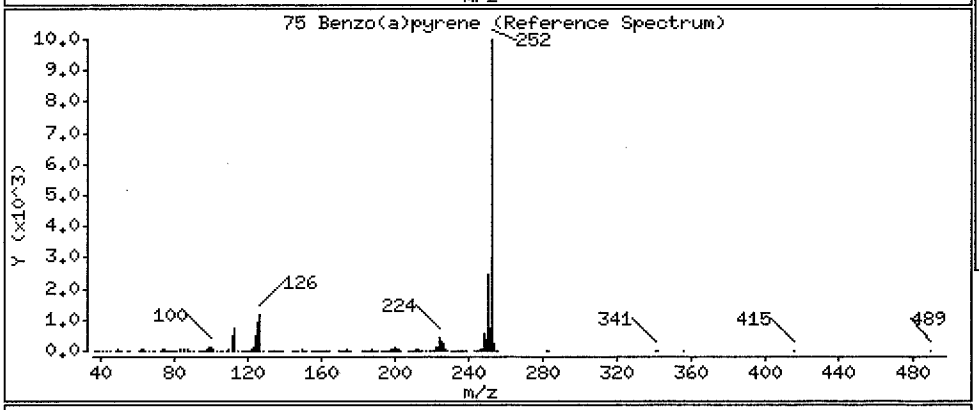
75 Benzo(a)pyrene Concentration: 440 ug/Kg

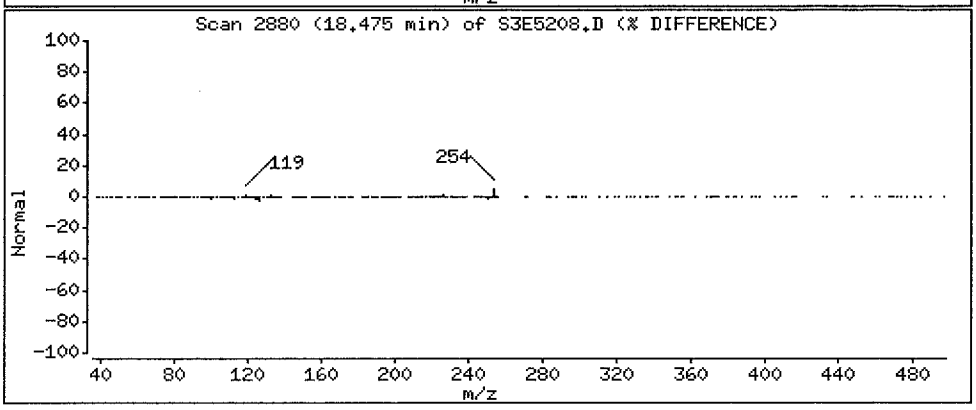












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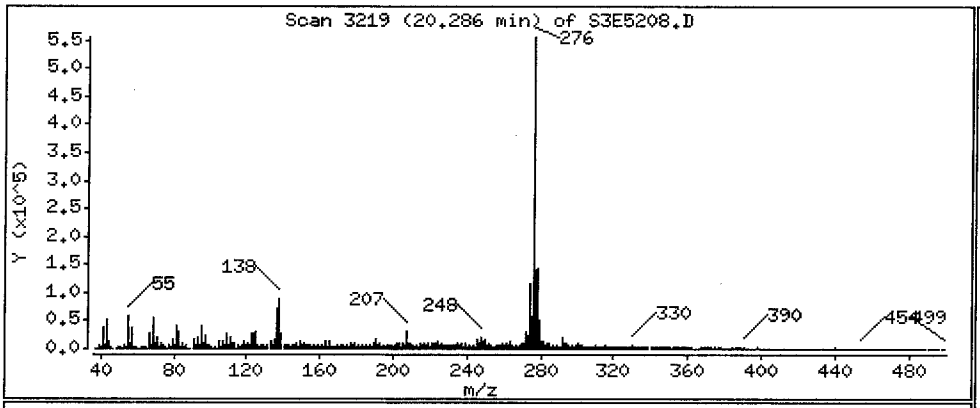
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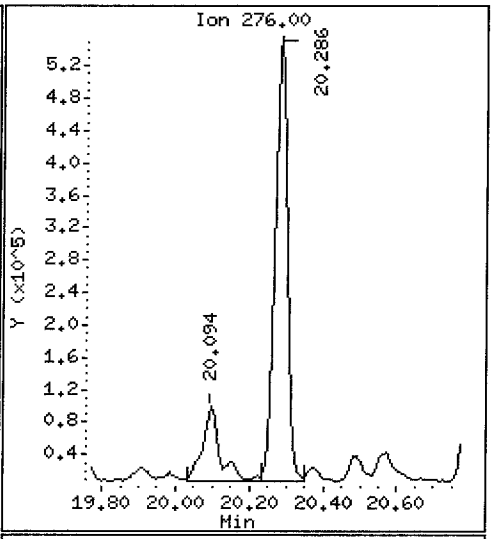
Sample Info: F0981-04A,,31231,,

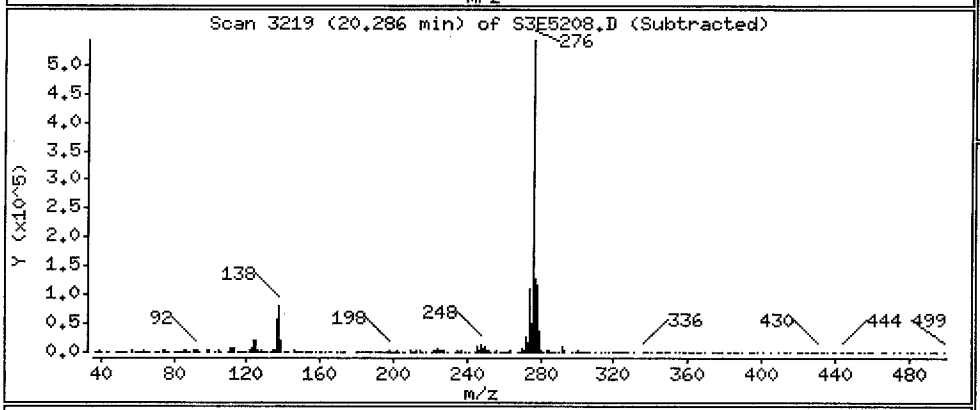
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

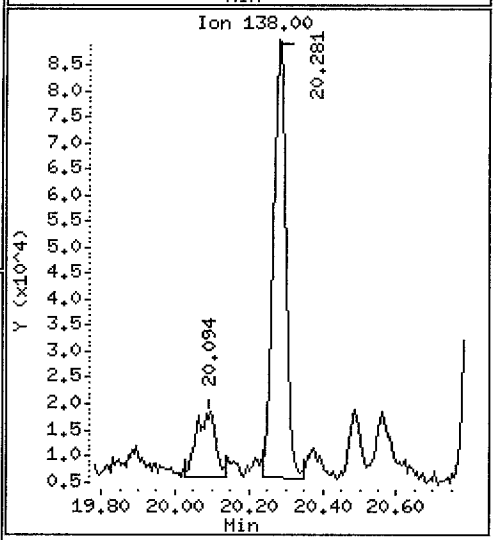
Column phase: DB-5MS Column diameter: 0.25

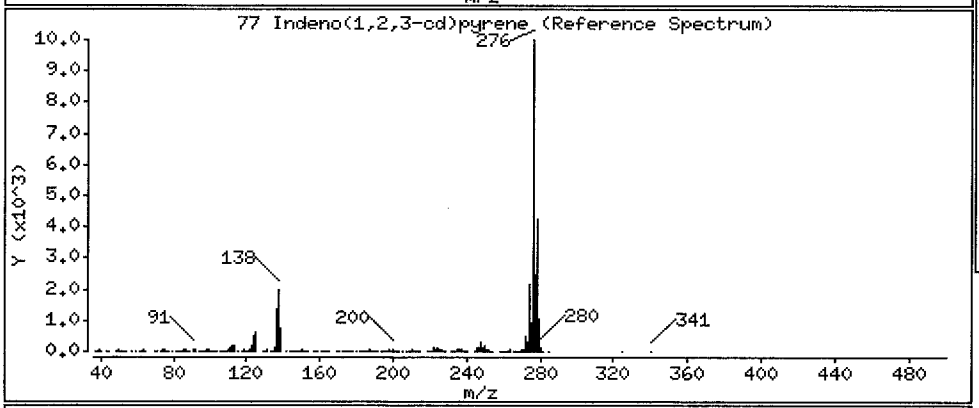
77 Indeno(1,2,3-cd)pyrene Concentration: 230 ug/Kg

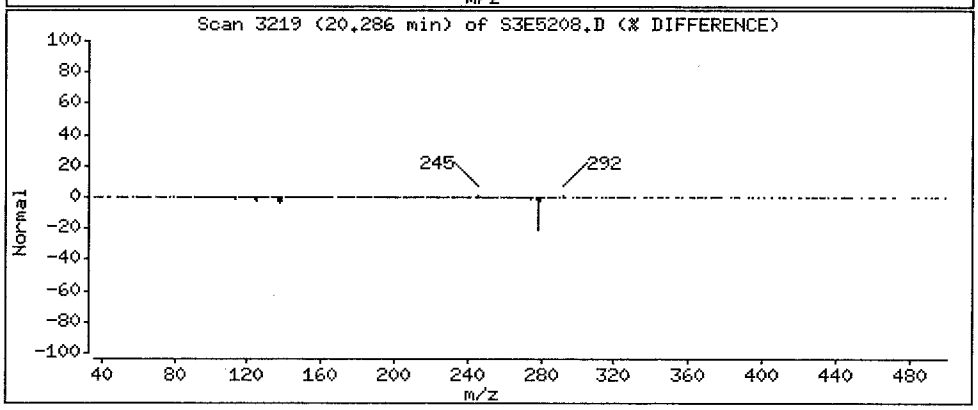












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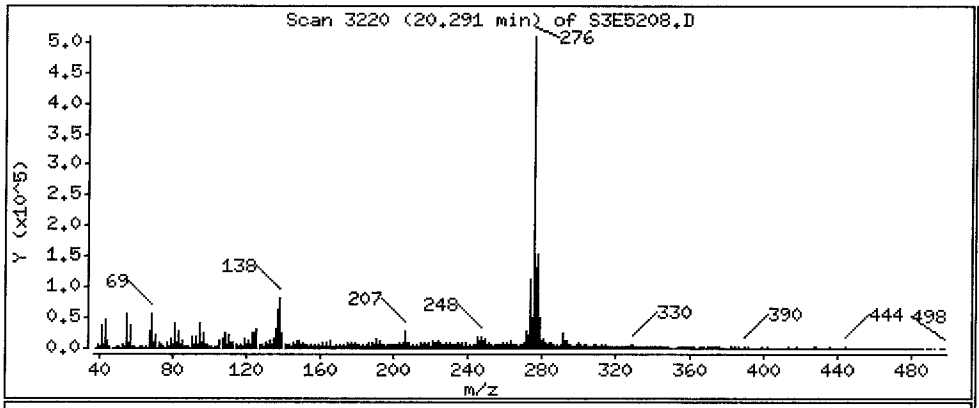
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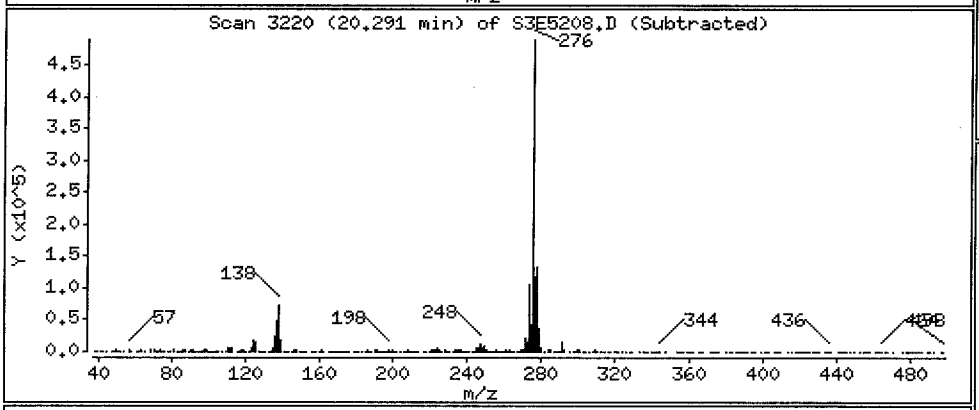
Sample Info: F0981-04A,,31231,,

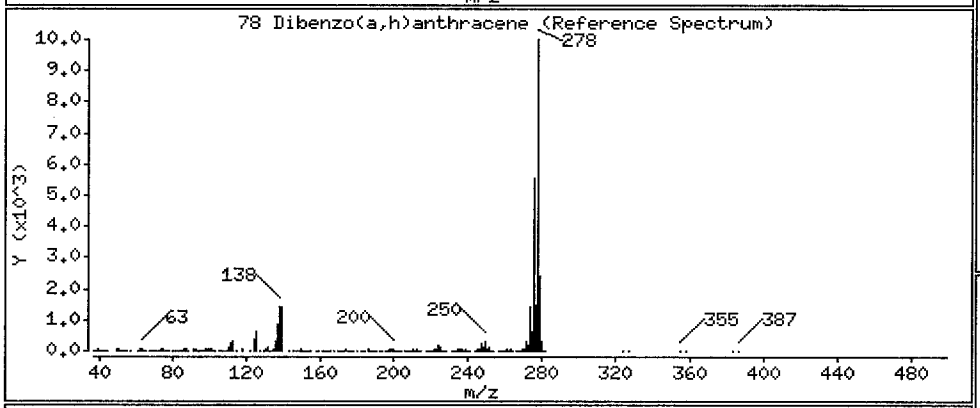
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

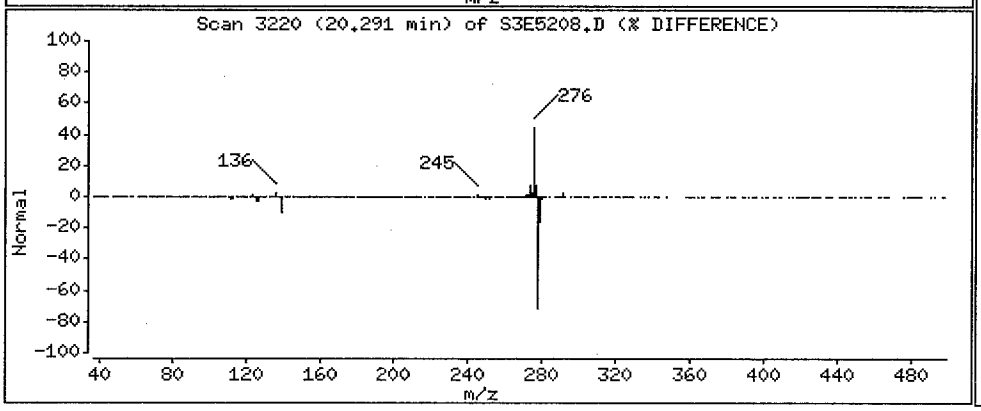
Column phase: DB-5MS Column diameter: 0.25

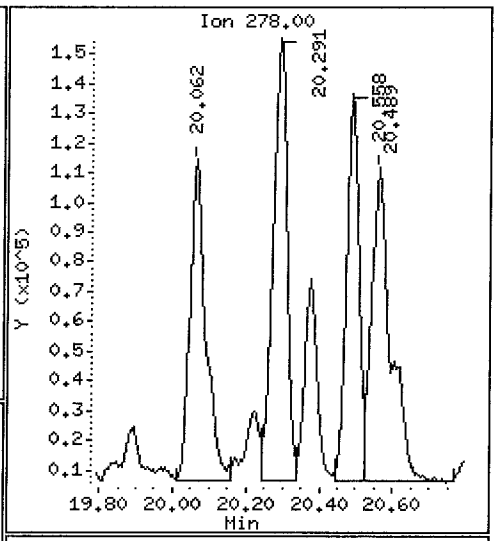
78 Dibenzo(a,h)anthracene Concentration: 84 ug/Kg

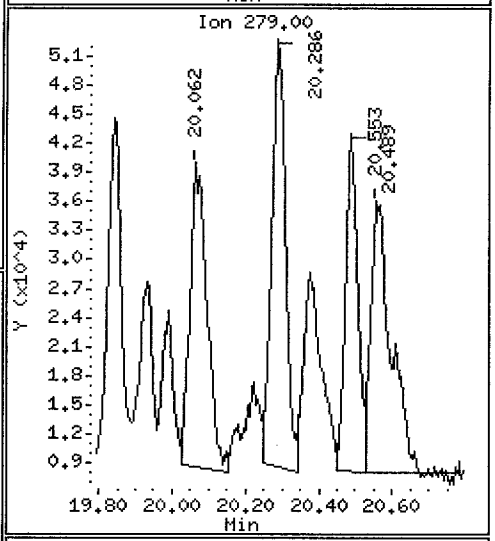


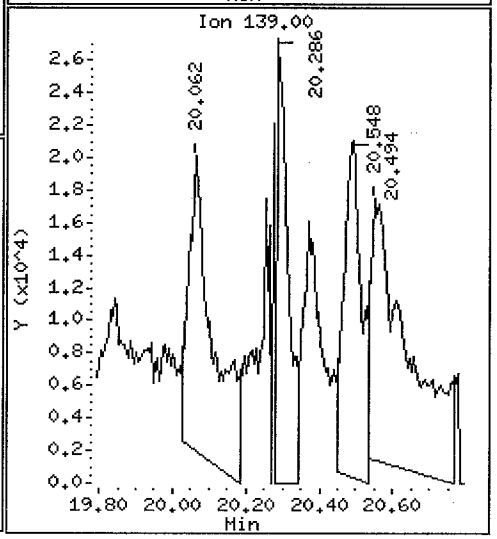












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

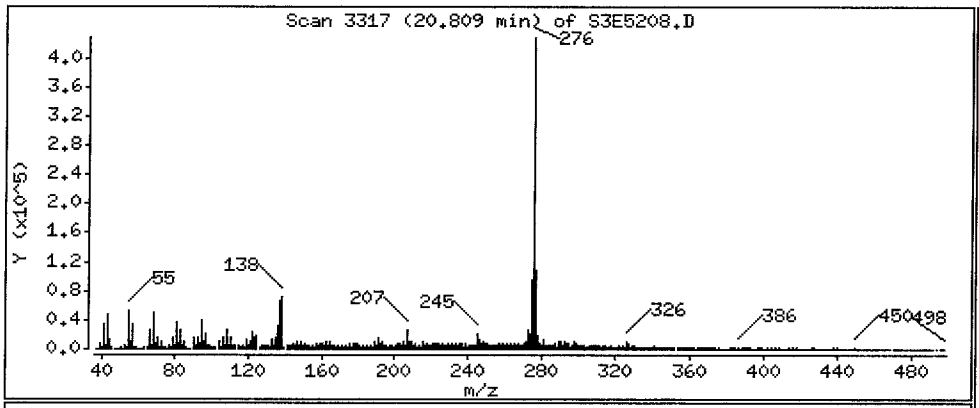
Client ID: SB12 Instrument: S3.i

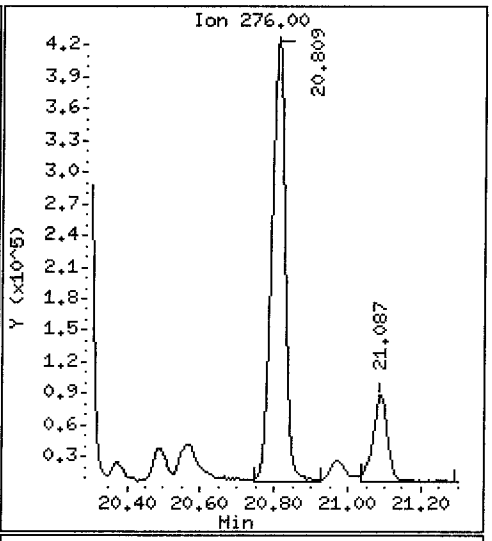
Sample Info: F0981-04A,,31231,,

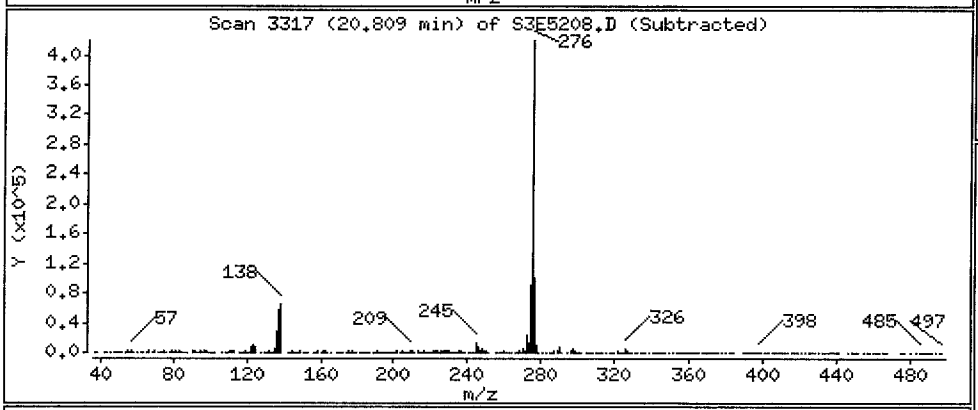
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

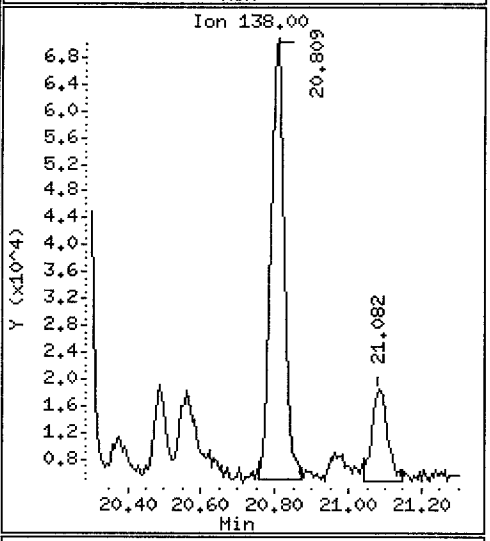
Column phase: DB-5MS Column diameter: 0.25

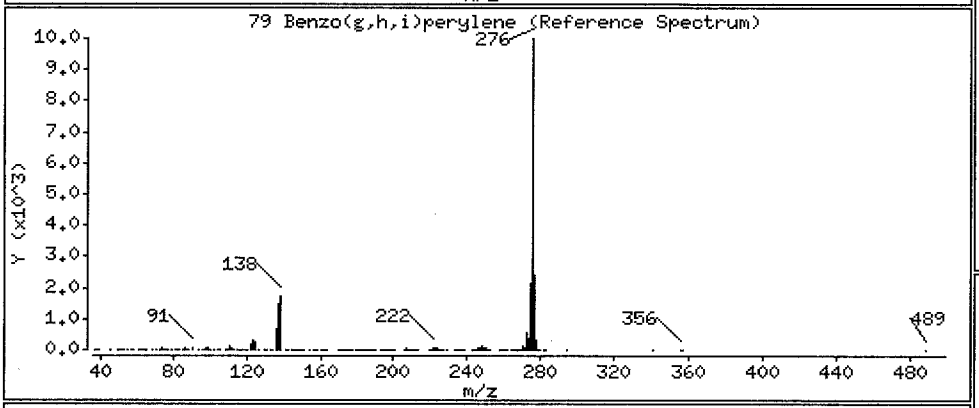
79 Benzo(g,h,i)perylene Concentration: 230 ug/Kg

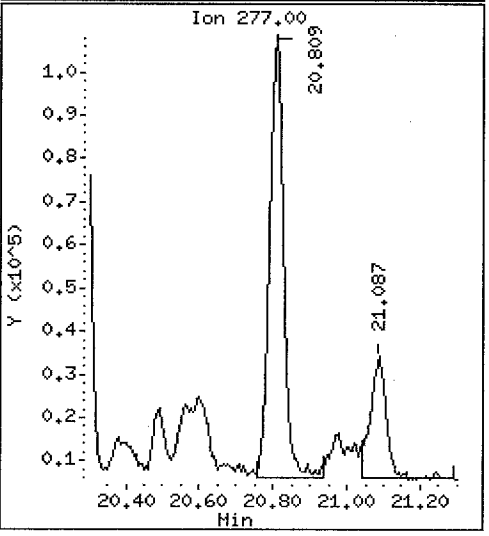


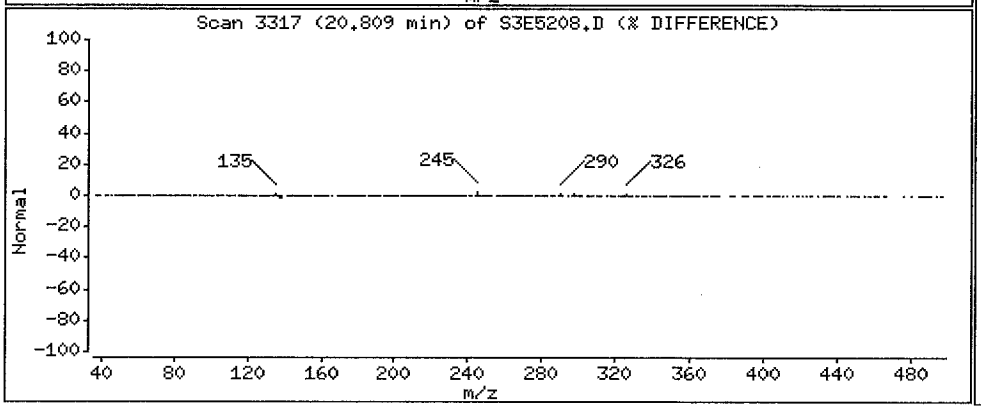












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

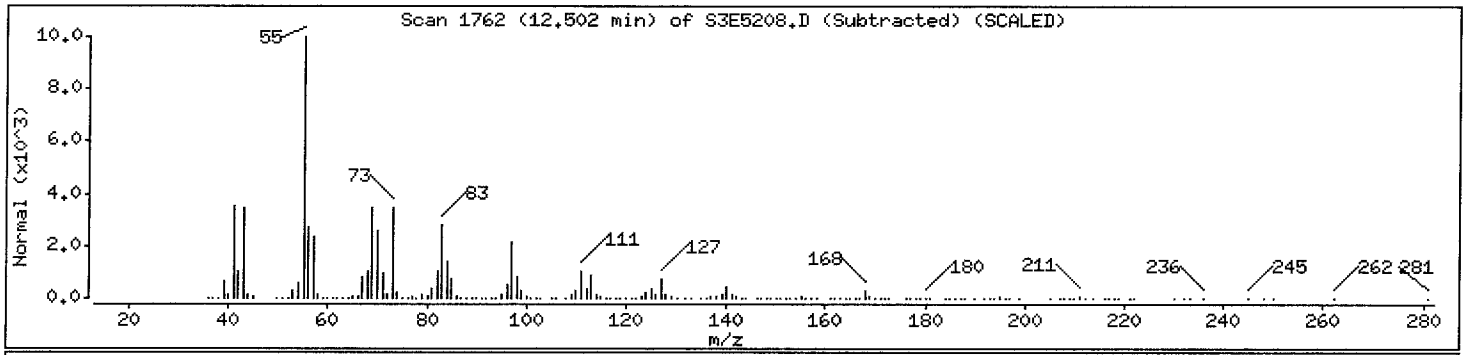
Client ID: SB12 Instrument: S3.i

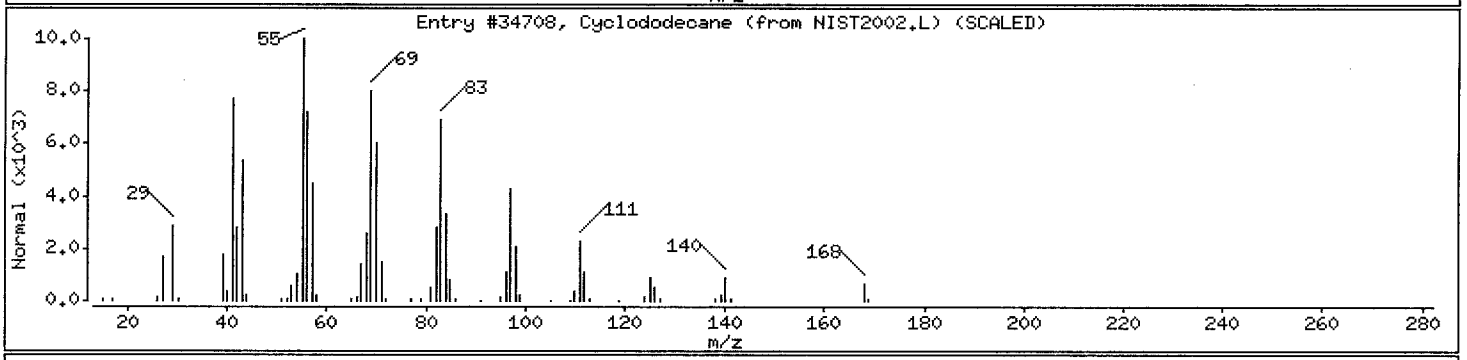
Sample Info: F0981-04A,,31231,,

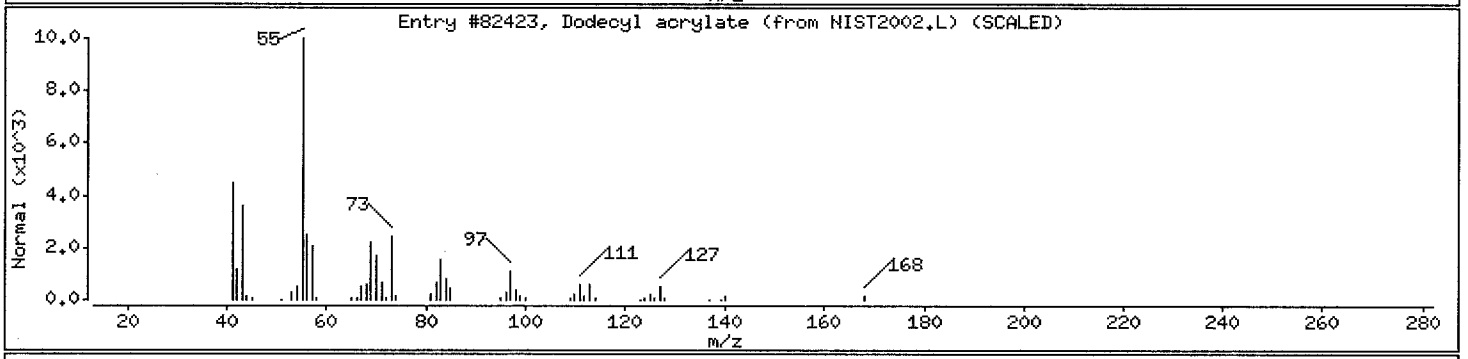
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

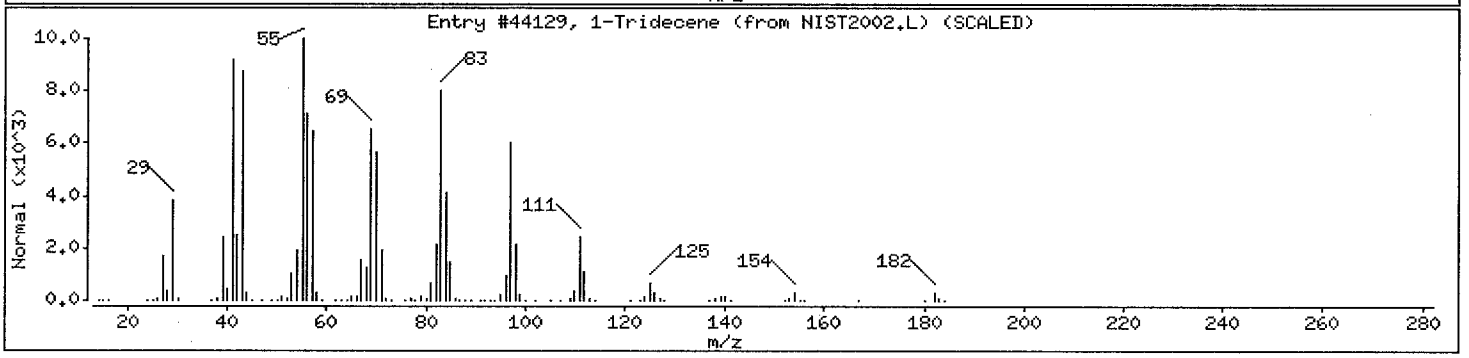
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclic Alkane						
Cyclododecane	294-62-2	NIST2002.L	34708	96	C12H24	168
Dodecyl acrylate	2156-97-0	NIST2002.L	82423	91	C15H28O2	240
1-Tridecene	2437-56-1	NIST2002.L	44129	62	C13H26	182









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

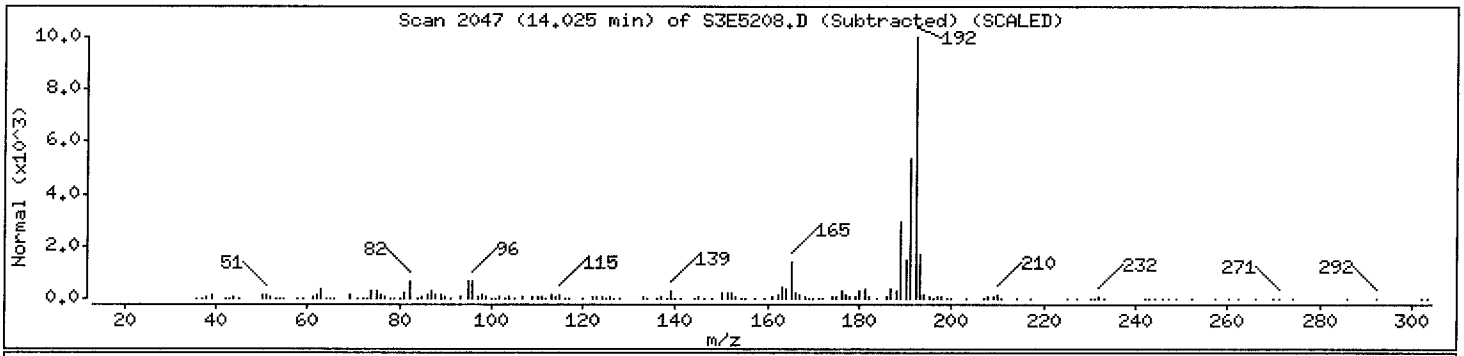
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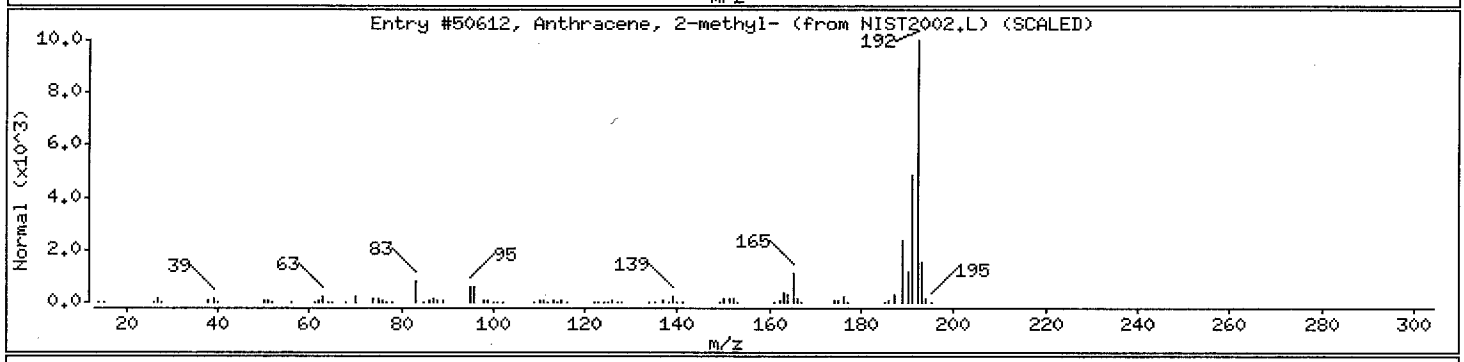
Sample Info: F0981-04A,,31231,,

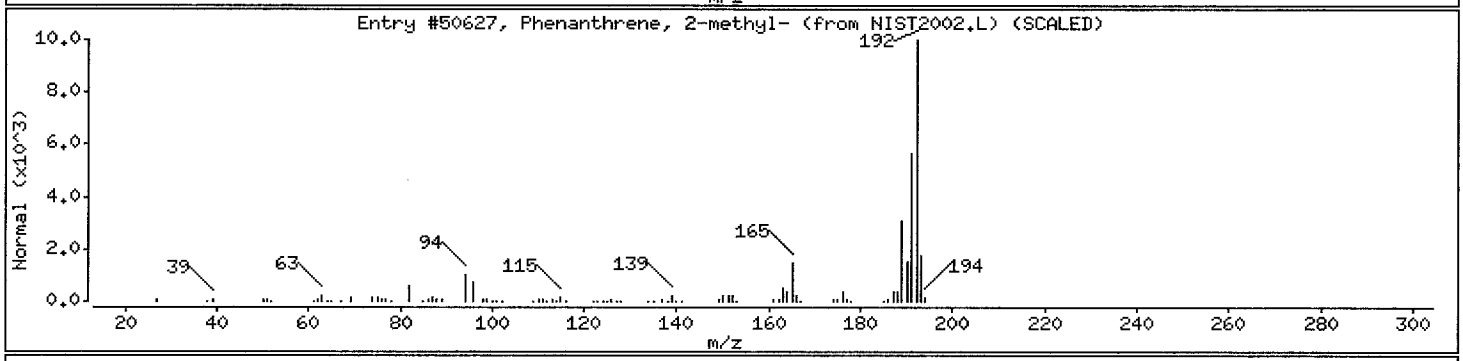
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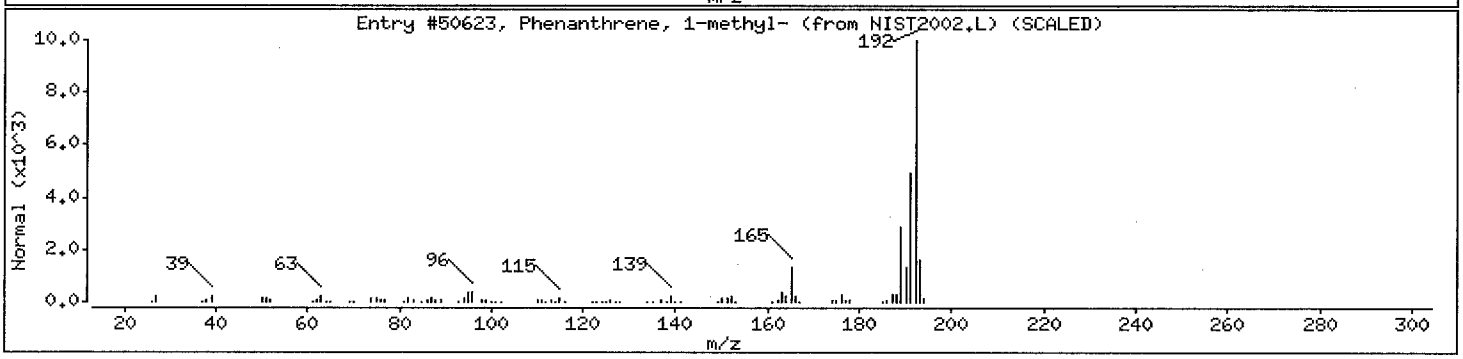
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Anthracene, 2-methyl-	613-12-7	NIST2002.L	50612	98	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50627	97	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST2002.L	50623	96	C15H12	192









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

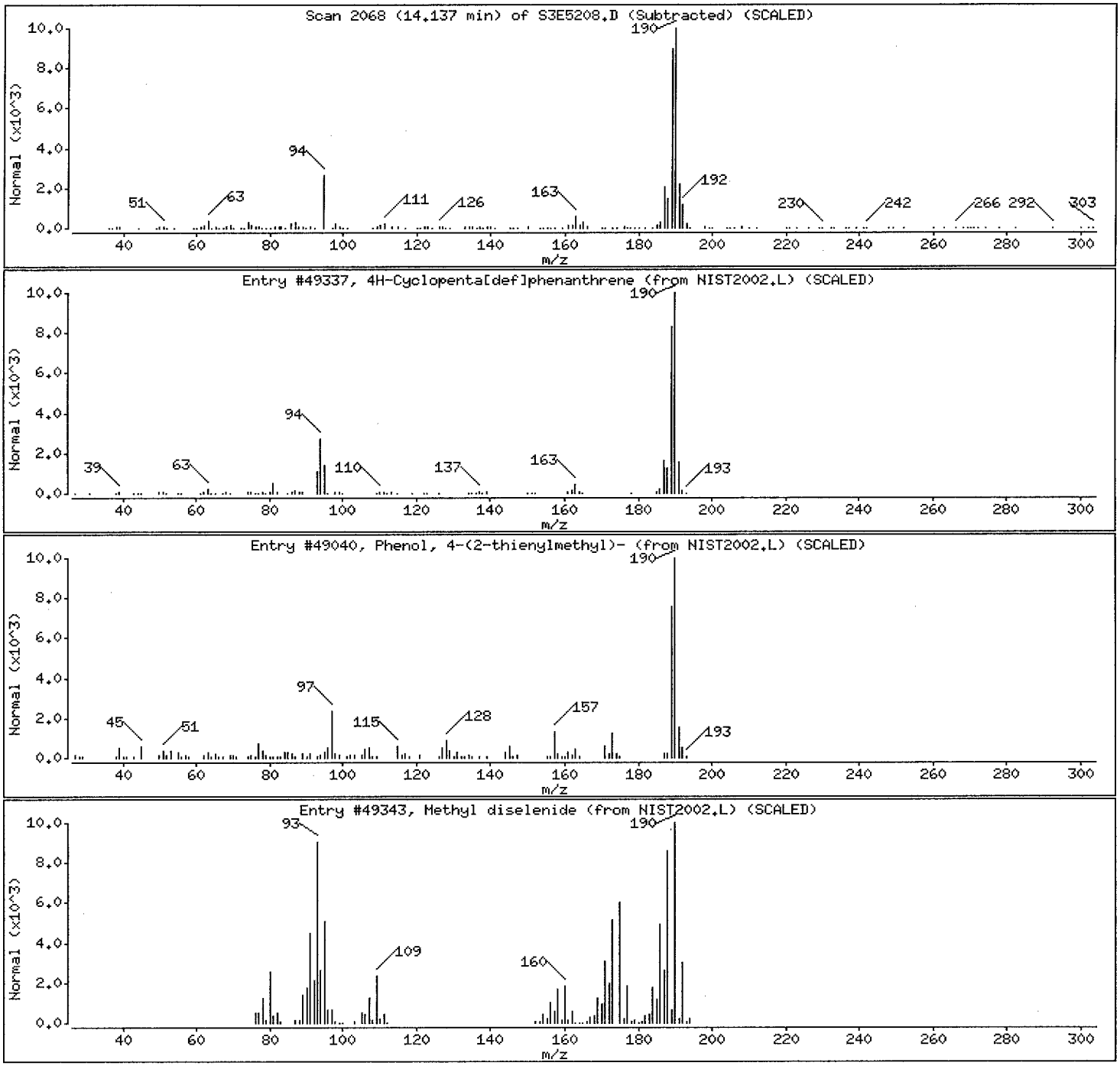
Client ID: SB12 Instrument: S3.i

Sample Info: F0981-04A,,31231,,

Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST2002.L	49337	97	C15H10	190
Phenol, 4-(2-thienylmethyl)-	91680-55-6	NIST2002.L	49040	64	C11H10OS	190
Methyl diselenide	7101-31-7	NIST2002.L	49343	55	C2H6Se2	190



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

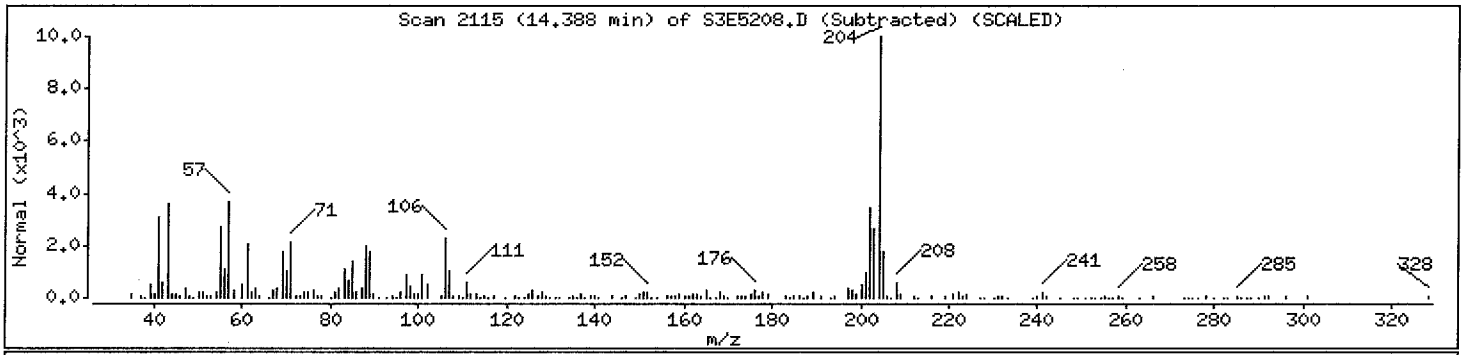
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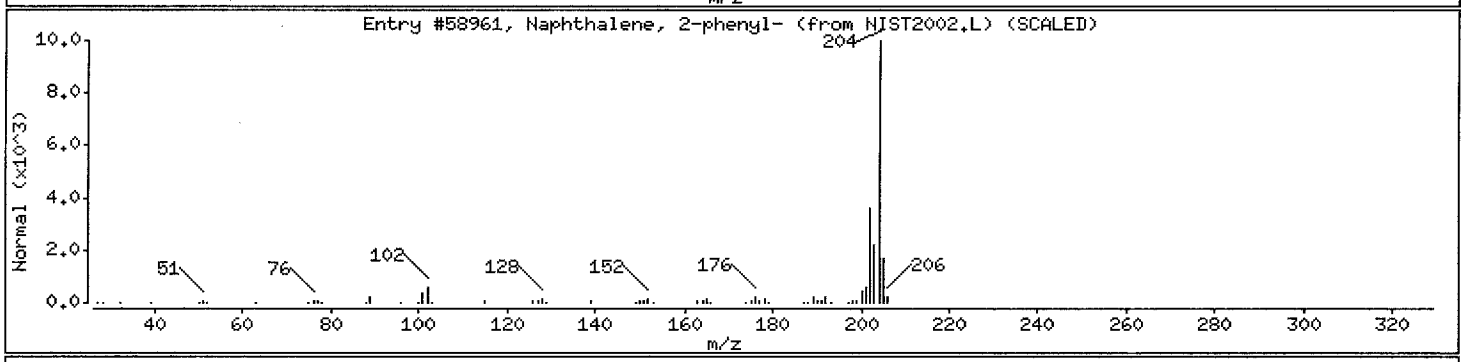
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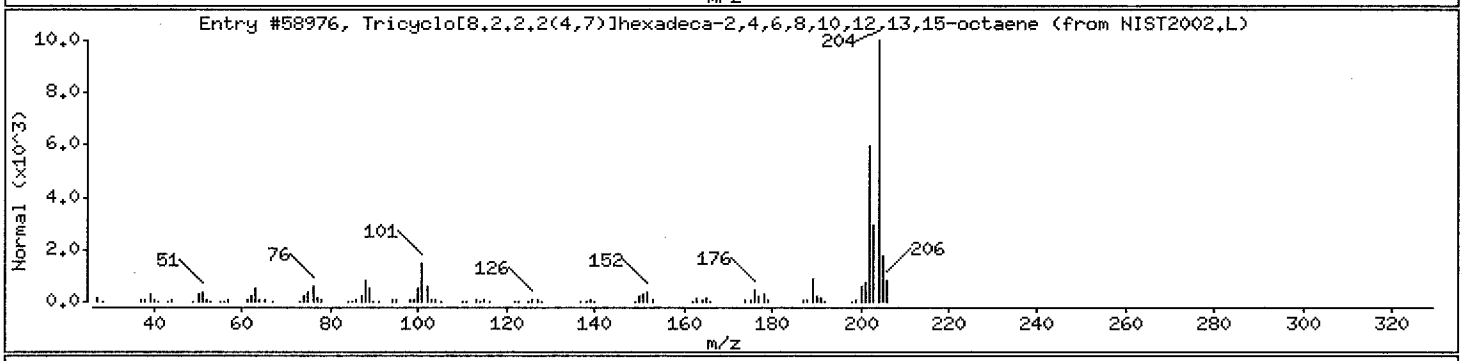
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

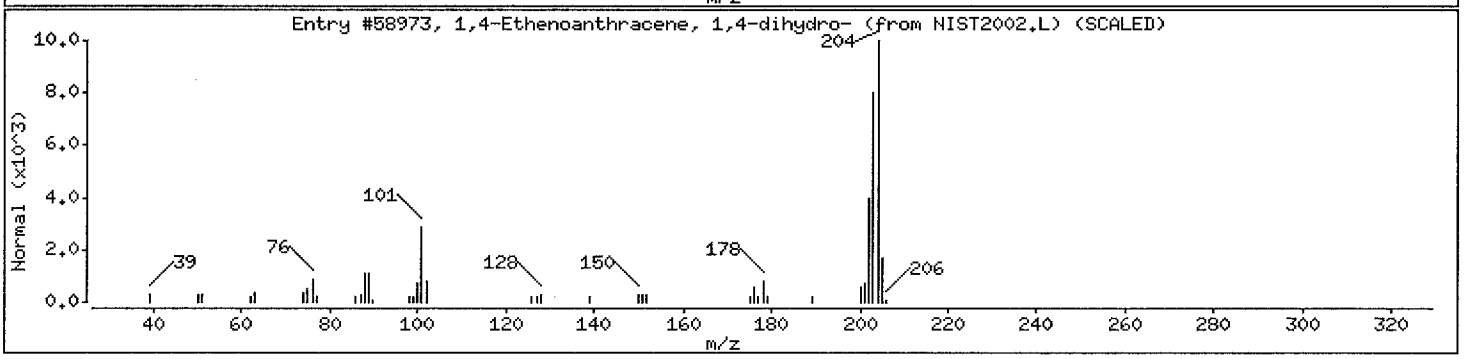
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Naphthalene, 2-phenyl-	612-94-2	NIST2002.L	58961	55	C16H12	204
Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8,1	6572-60-7	NIST2002.L	58976	47	C16H12	204
1,4-Ethenoanthracene, 1,4-dihydro-	27765-96-4	NIST2002.L	58973	43	C16H12	204









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

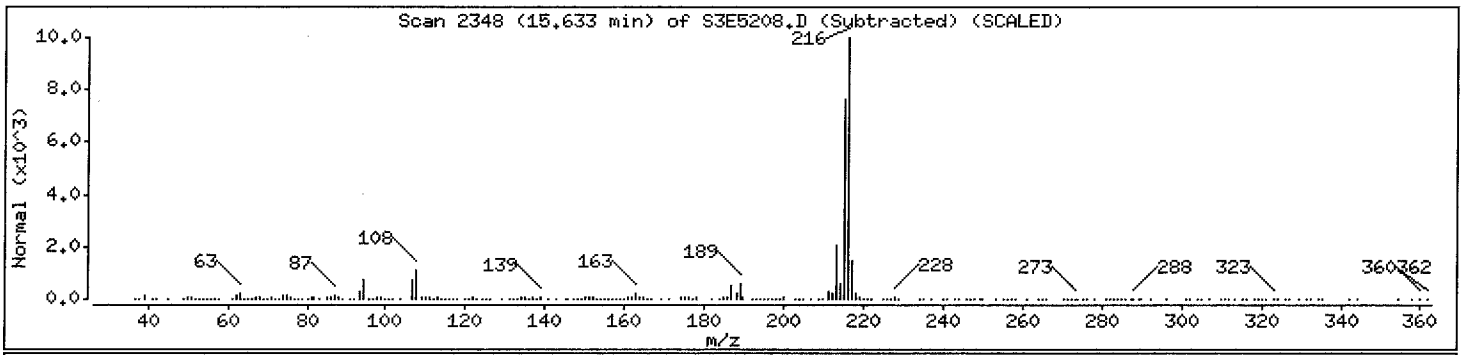
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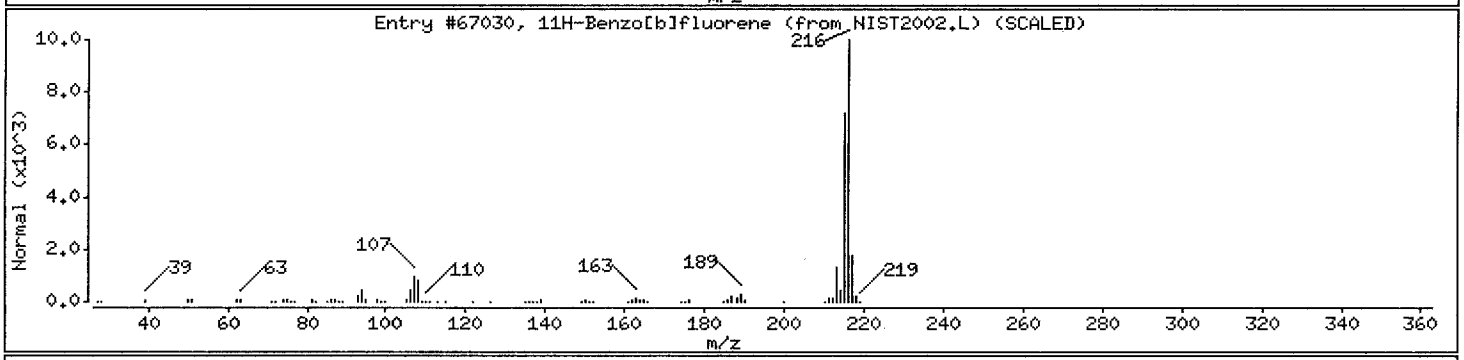
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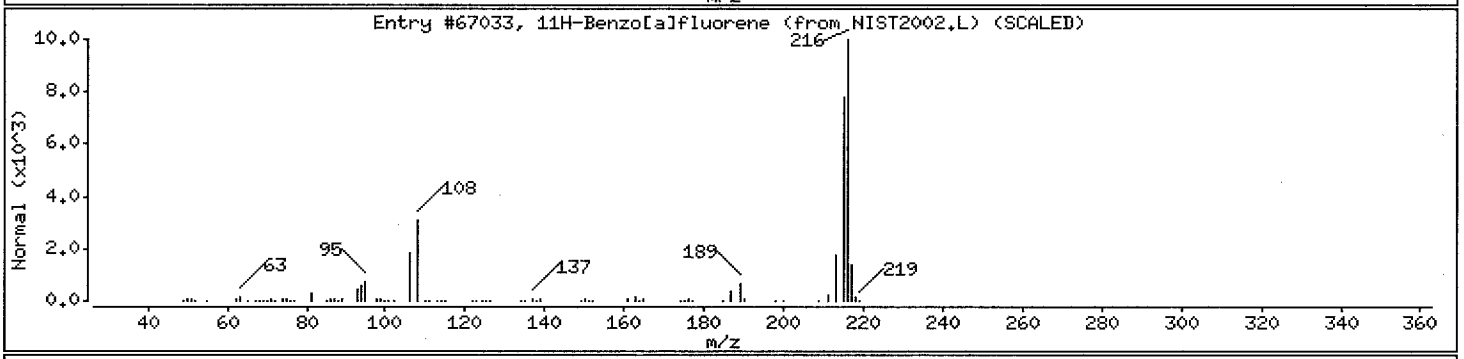
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

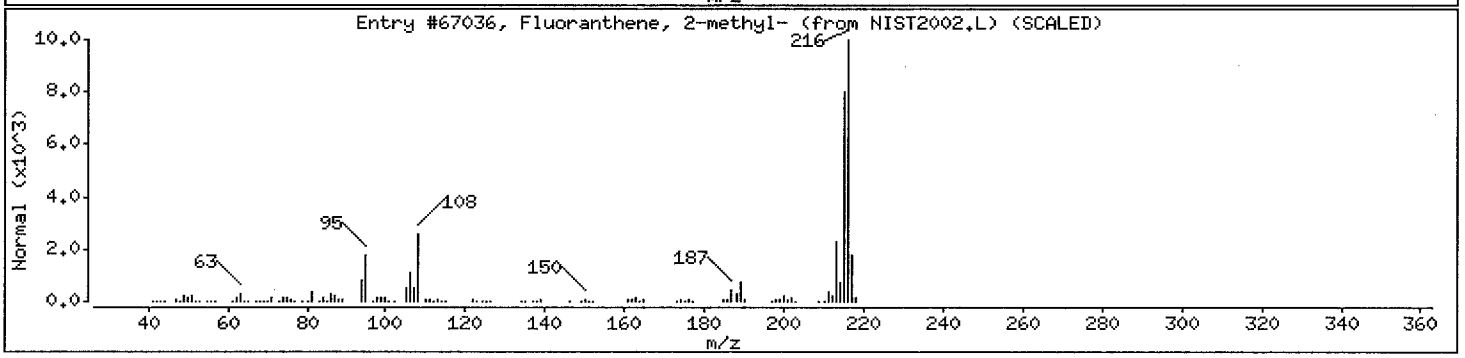
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST2002.L	67030	97	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST2002.L	67033	93	C17H12	216
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67036	91	C17H12	216









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

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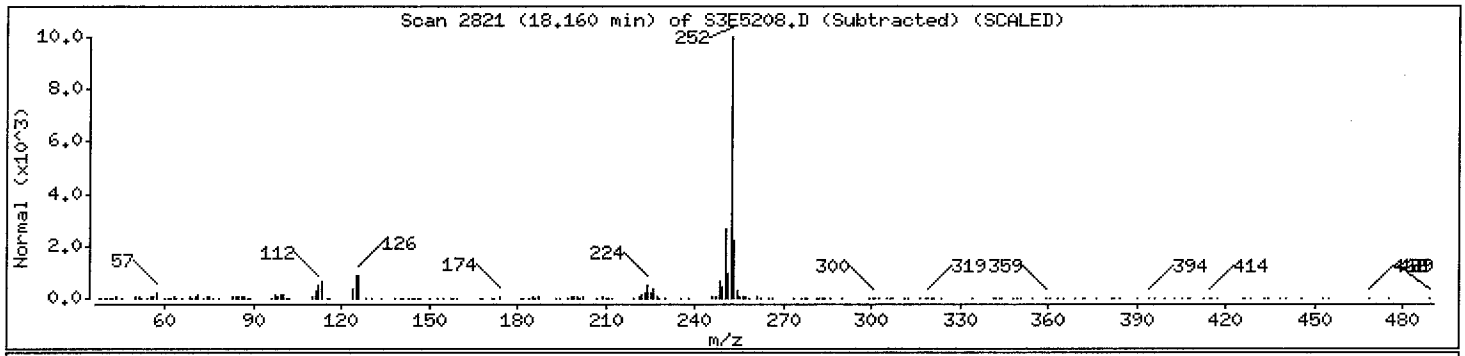
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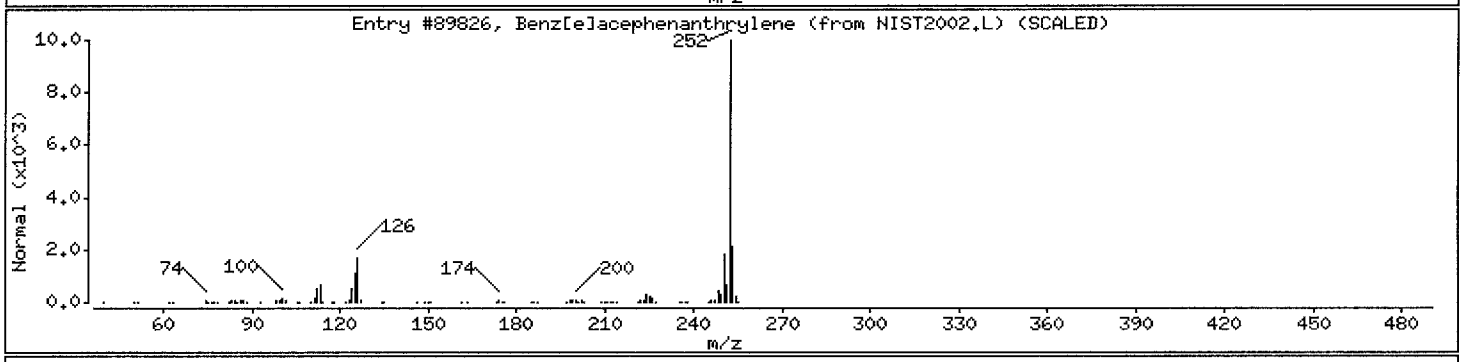
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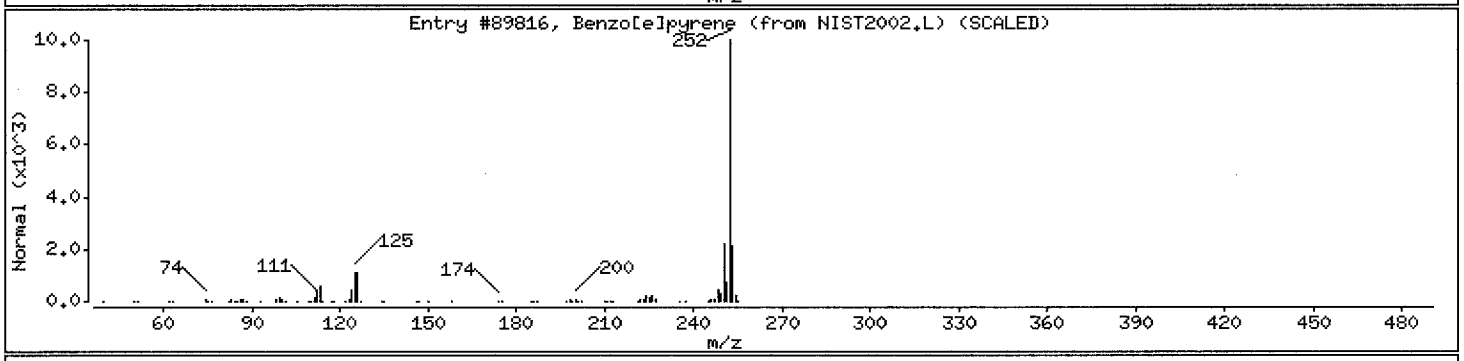
Volume Injected (uL): 2.0 Operator: CLM SRC: LIMS

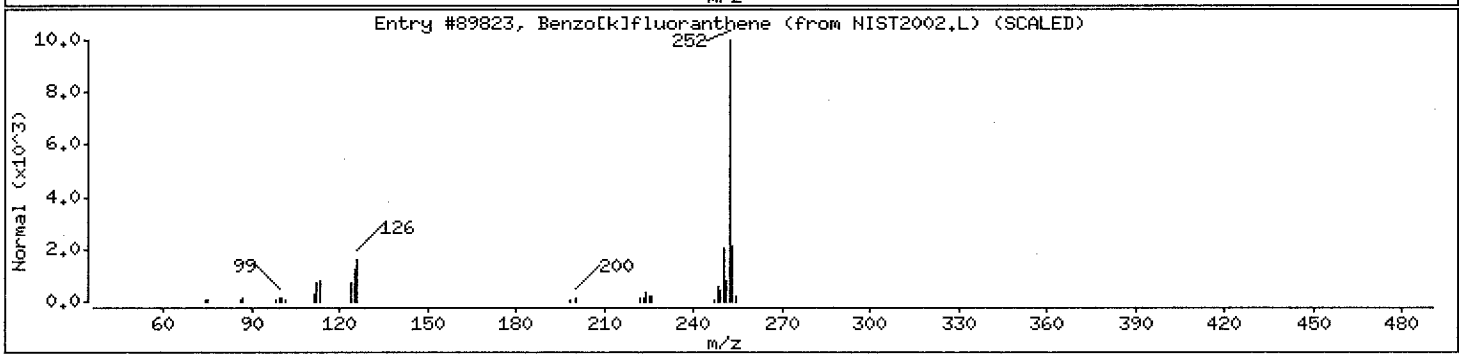
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benz[e]acephenanthrylene	205-99-2	NIST2002.L	89826	93	C20H12	252
Benzo[e]pyrene	192-97-2	NIST2002.L	89816	95	C20H12	252
Benzo[k]fluoranthene	207-08-9	NIST2002.L	89823	95	C20H12	252









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5208.D

Date : 10-AUG-2007 23:12

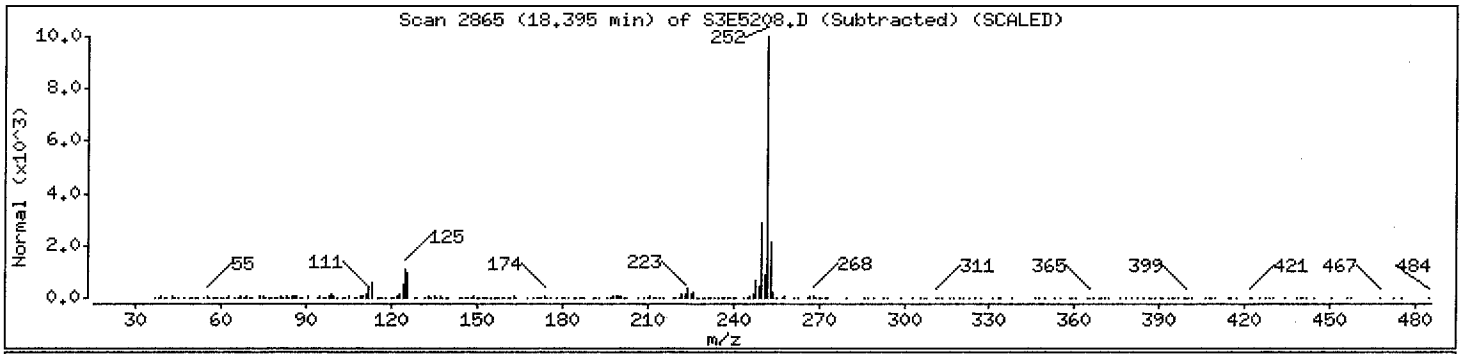
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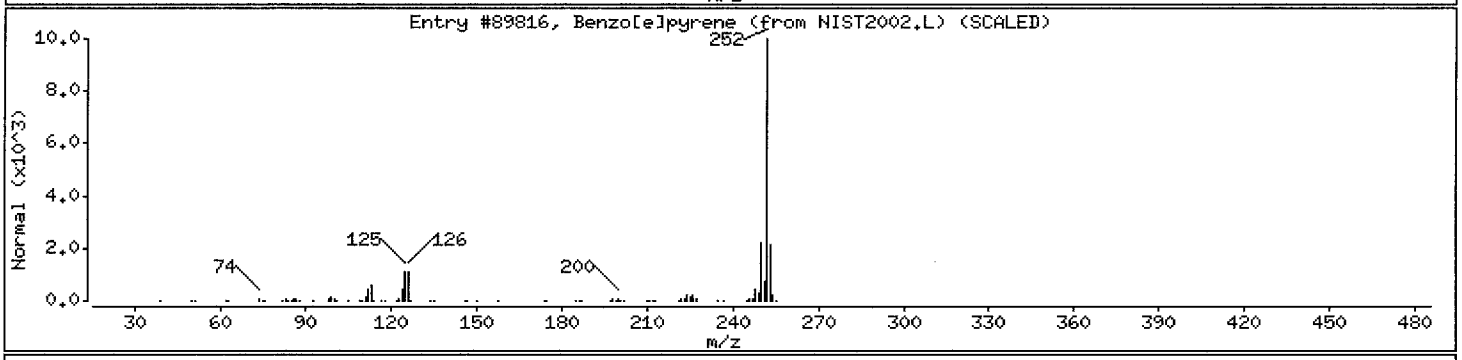
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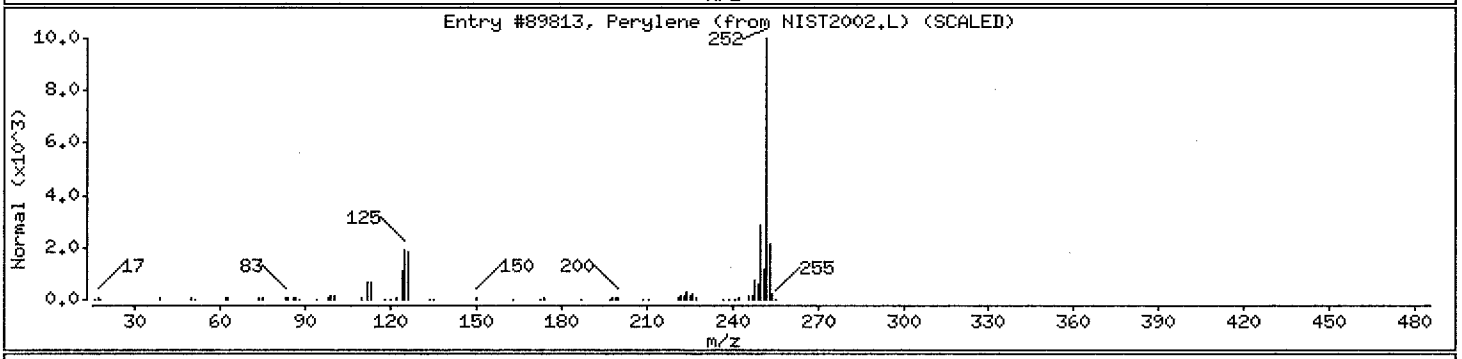
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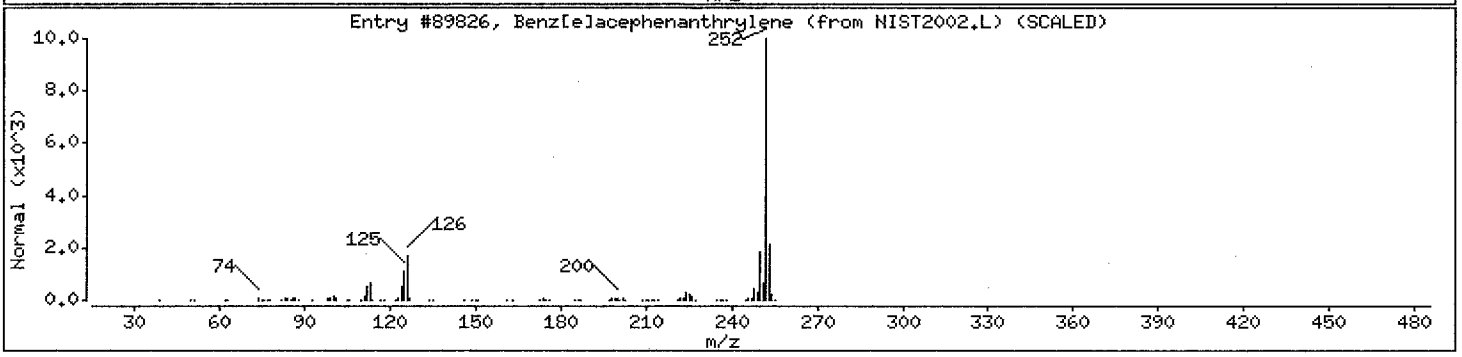
Column phase: DB-5MS Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[e]pyrene	192-97-2	NIST2002.L	89816	99	C20H12	252
Perylene	198-55-0	NIST2002.L	89813	95	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST2002.L	89826	93	C20H12	252









1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SB12/D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-05A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E5209

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	370	U
108-95-2	Phenol	370	U
111-44-4	bis(2-Chloroethyl)Ether	370	U
95-57-8	2-Chlorophenol	370	U
95-48-7	2-Methylphenol	370	U
108-60-1	2,2'-oxybis(1-Chloropropane)	370	U
98-86-2	Acetophenone	370	U
106-44-5	4-Methylphenol	370	U
621-64-7	N-Nitroso-di-n-propylamine	370	U
67-72-1	Hexachloroethane	370	U
98-95-3	Nitrobenzene	370	U
78-59-1	Isophorone	370	U
88-75-5	2-Nitrophenol	370	U
105-67-9	2,4-Dimethylphenol	370	U
111-91-1	bis(2-Chloroethoxy)methane	370	U
120-83-2	2,4-Dichlorophenol	370	U
91-20-3	Naphthalene	370	U
106-47-8	4-Chloroaniline	370	U
87-68-3	Hexachlorobutadiene	370	U
105-60-2	Caprolactam	370	U
59-50-7	4-Chloro-3-Methylphenol	370	U
91-57-6	2-Methylnaphthalene	370	U
77-47-4	Hexachlorocyclopentadiene	370	U
88-06-2	2,4,6-Trichlorophenol	370	U
95-95-4	2,4,5-Trichlorophenol	940	U
92-52-4	1,1'-Biphenyl	370	U
91-58-7	2-Chloronaphthalene	370	U
88-74-4	2-Nitroaniline	940	U
131-11-3	Dimethylphthalate	370	U
606-20-2	2,6-Dinitrotoluene	370	U
208-96-8	Acenaphthylene	110	J
99-09-2	3-Nitroaniline	940	U
83-32-9	Acenaphthene	370	U

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12/D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-05A

Sample wt/vol: 30.1(g/mL) G Lab File ID: S3E5209

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: 12 Decanted: (Y/N)N Date Extracted: 07/18/07

Concentrated Extract Volume: 500(uL) Date Analyzed: 08/10/07

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	940	U
100-02-7	4-Nitrophenol	940	U
132-64-9	Dibenzofuran	370	U
121-14-2	2,4-Dinitrotoluene	370	U
84-66-2	Diethylphthalate	370	U
86-73-7	Fluorene	370	U
7005-72-3	4-Chlorophenyl-phenylether	370	U
100-01-6	4-Nitroaniline	940	U
534-52-1	4,6-Dinitro-2-methylphenol	940	U
86-30-6	N-Nitrosodiphenylamine (1)	370	U
101-55-3	4-Bromophenyl-phenylether	370	U
118-74-1	Hexachlorobenzene	370	U
1912-24-9	Atrazine	370	U
87-86-5	Pentachlorophenol	940	U
85-01-8	Phenanthrene	300	J
120-12-7	Anthracene	130	J
86-74-8	Carbazole	370	U
84-74-2	Di-n-butylphthalate	58	J
206-44-0	Fluoranthene	700	
129-00-0	Pyrene	560	
85-68-7	Butylbenzylphthalate	65	J
91-94-1	3,3'-Dichlorobenzidine	370	U
56-55-3	Benzo(a)anthracene	450	
218-01-9	Chrysene	440	
117-81-7	bis(2-Ethylhexyl)phthalate	110	J
117-84-0	Di-n-octylphthalate	370	U
205-99-2	Benzo(b)fluoranthene	610	
207-08-9	Benzo(k)fluoranthene	240	J
50-32-8	Benzo(a)pyrene	470	
193-39-5	Indeno(1,2,3-cd)pyrene	250	J
53-70-3	Dibenzo(a,h)anthracene	83	J
191-24-2	Benzo(g,h,i)perylene	250	J

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SB12/D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-05A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: S3E5209

Level: (low/med) LOW Date Received: 07/18/07

% Moisture: 12 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

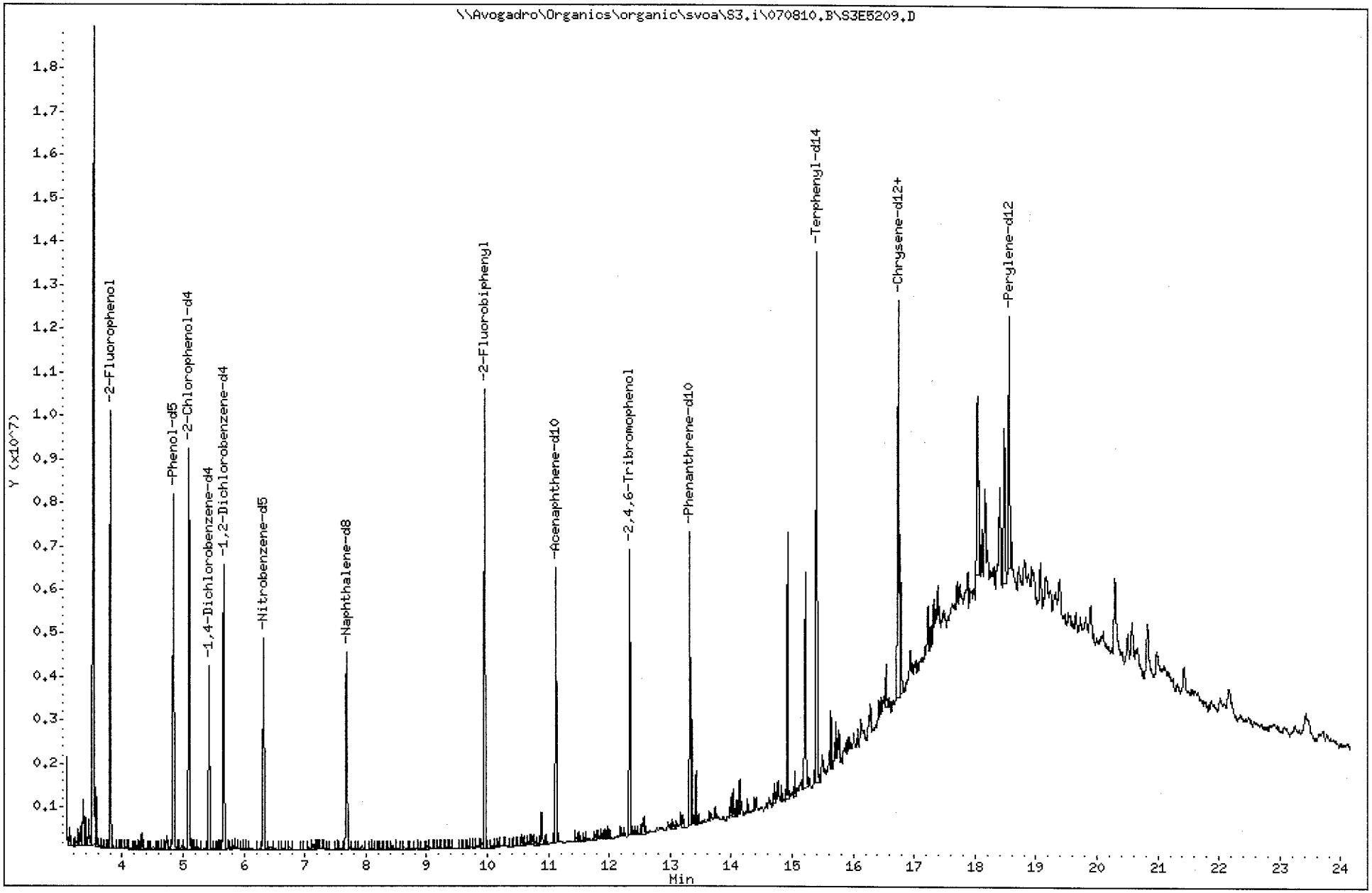
GPC Cleanup: (Y/N) Y pH: 7.4 Extraction: (Type) SONC

Number TICs found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	832-69-9	PHENANTHRENE, 1-METHYL-	14.03	79	NJ
2.	203-64-5	4H-CYCLOPENTA[DEF]PHENANTHRE	14.14	110	NJ
3.					
4.					
5.					
6.					
7.					
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29.					
30.					

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D
Date : 10-AUG-2007 23:46
Client ID: SB12/D
Instrument: S3.i
Sample Info: F0981-05A,,31231,,
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



S1166

Data File: S3E5209.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D
Lab Smp Id: F0981-05A Client Smp ID: SB12/D
Inj Date : 10-AUG-2007 23:46
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-05A,,31231,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	12.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.809	3.793	(0.702)	2627973	106.872	2000
$	3 Phenol-d5	99	4.845	4.834	(0.893)	3542030	104.121	2000
$	6 2-Chlorophenol-d4	132	5.097	5.091	(0.939)	2801476	110.321	2100
*	8 1,4-Dichlorobenzene-d4	152	5.428	5.422	(1.000)	819600	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.668	5.662	(1.044)	1337630	70.9411	1300
$	16 Nitrobenzene-d5	82	6.320	6.325	(0.823)	2388960	73.7546	1400
*	23 Naphthalene-d8	136	7.682	7.687	(1.000)	2956598	40.0000	
$	33 2-Fluorobiphenyl	172	9.953	9.952	(0.895)	4664081	76.9986	1500
	39 Acenaphthylene	152	10.882	10.887	(0.978)	421740	5.95920	110(a)
*	41 Acenaphthene-d10	164	11.122	11.122	(1.000)	1664974	40.0000	
$	53 2,4,6-Tribromophenol	330	12.340	12.335	(0.927)	874220	99.0296	1900
*	58 Phenanthrene-d10	188	13.318	13.318	(1.000)	2762452	40.0000	
	59 Phenanthrene	178	13.350	13.350	(1.002)	1240944	15.8244	300(a)
	60 Anthracene	178	13.420	13.419	(1.008)	533037	6.75746	130(a)
	62 Di-n-butylphthalate	149	16.005	16.005	(1.202)	108294	3.06777	58(a)
	63 Fluoranthene	202	14.926	14.920	(1.121)	3093782	36.8435	700
	64 Pyrene	202	15.220	15.214	(0.909)	2584270	29.8579	560
$	65 Terphenyl-d14	244	15.402	15.396	(0.920)	4630085	71.0534	1300
	66 Butylbenzylphthalate	149	16.005	16.005	(0.956)	119090	3.46149	65(aQ)
	68 Benzo(a)anthracene	228	16.732	16.731	(0.999)	2085913	23.5872	450

Data File: S3E5209.D
Report Date: 15-Aug-2007 11:50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
*	69 Chrysene-d12	240	16.748	16.742	(1.000)	3191174	40.0000	
	70 Chrysene	228	16.774	16.774	(1.002)	1892223	23.3023	440
	71 bis(2-Ethylhexyl)phthalate	149	16.710	16.705	(0.998)	278189	5.70284	110(a)
	73 Benzo(b)fluoranthene	252	18.041	18.024	(0.972)	3175094	32.4332	610(M)
	74 Benzo(k)fluoranthene	252	18.067	18.061	(0.974)	1254913	12.8551	240(aQM)
	75 Benzo(a)pyrene	252	18.484	18.467	(0.996)	2208501	24.6999	470
*	76 Perylene-d12	264	18.559	18.542	(1.000)	3202707	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.300	20.273	(1.094)	1417359	13.2198	250(a)
	78 Dibenzo(a,h)anthracene	278	20.306	20.294	(1.094)	410787	4.39617	83(a)
	79 Benzo(g,h,i)perylene	276	20.829	20.802	(1.122)	1237016	13.4632	250(a)

> M2
8/15/07 SW

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

8/15/07 SW

Data File: S3E5209.D
Report Date: 15-Aug-2007 11:50

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D
Lab Smp Id: F0981-05A Client Smp ID: SB12/D
Inj Date : 10-AUG-2007 23:46
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-05A,,31231,,
Misc Info : ****** CHECK MOISTURE ******
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	12.000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 58 Phenanthrene-d10	13.319	7543346	40.000

	CONCENTRATIONS			QUANT			
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Phenanthrene, 1-methyl-				CAS #: 832-69-9			
14.029	784644	4.16072089	79	97	NIST2002.L	50623	58
4H-Cyclopenta[def]phenanthrene				CAS #: 203-64-5			
14.141	1121120	5.94494918	110	95	NIST2002.L	49337	58

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

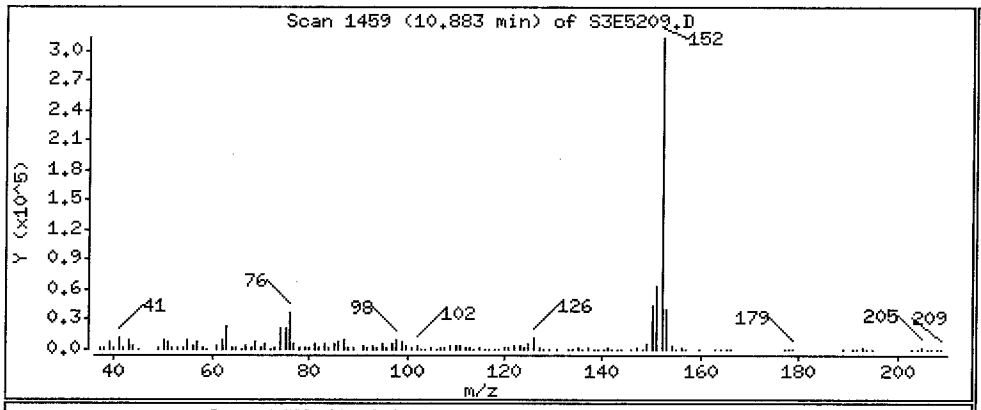
Operator: CLM SRC: LIMS

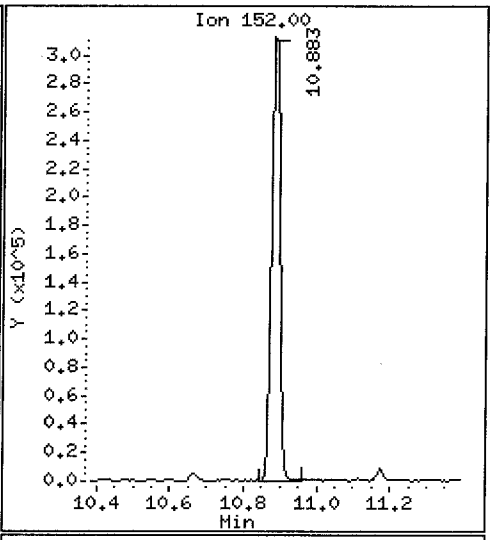
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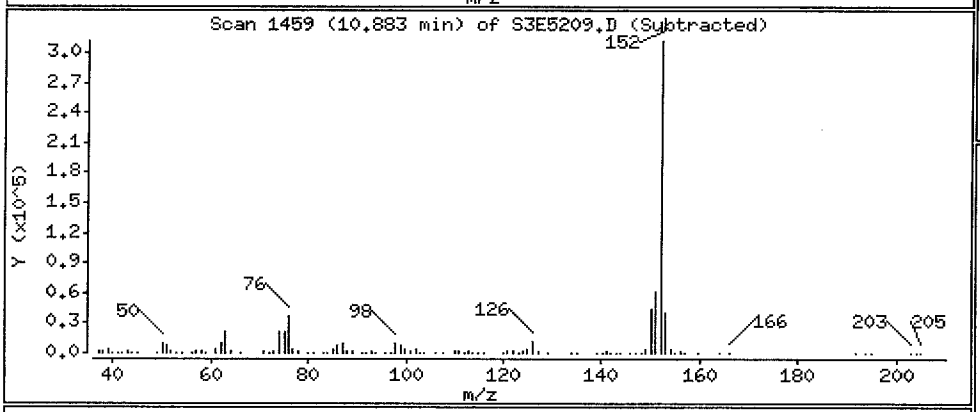
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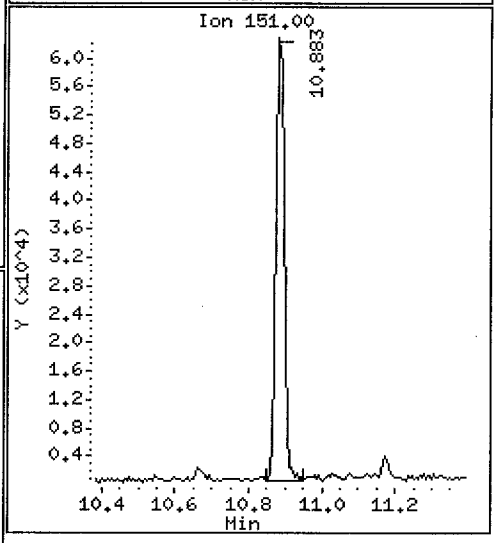
39 Acenaphthylene

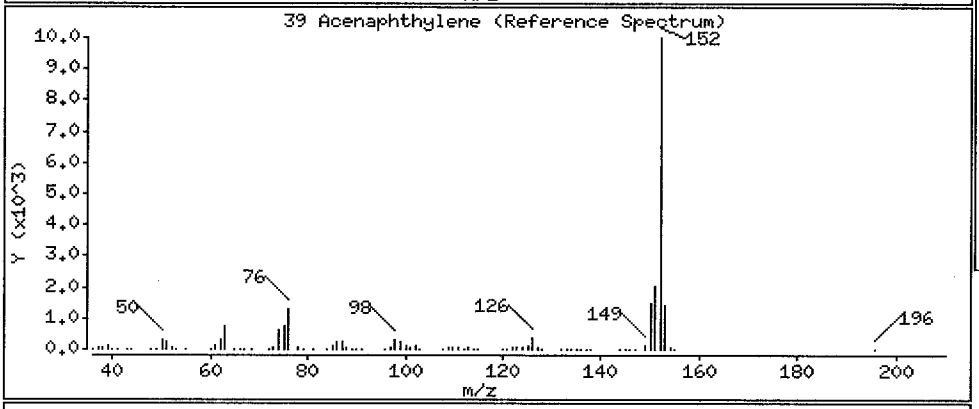
Concentration: 110 ug/Kg

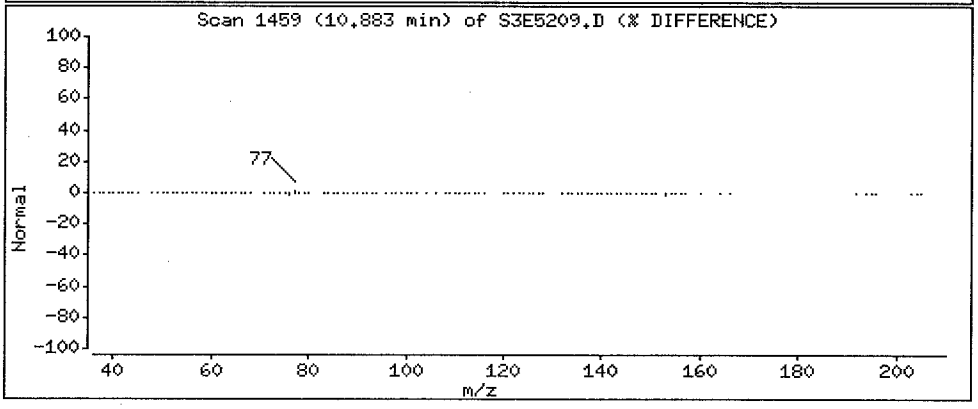












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

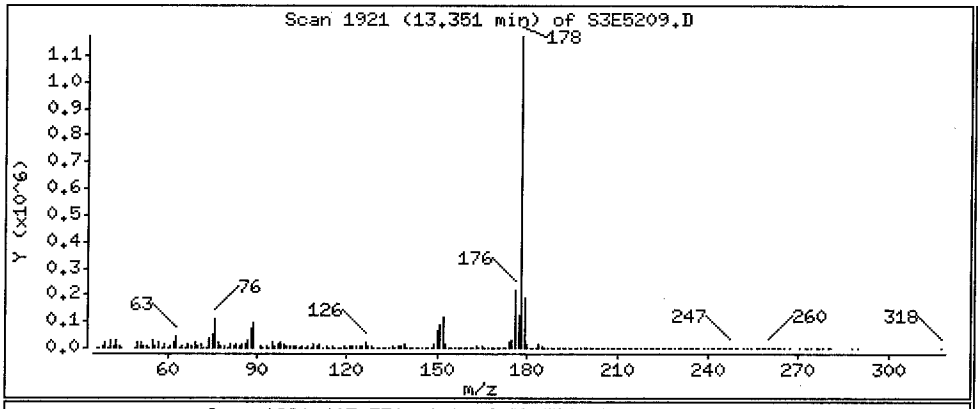
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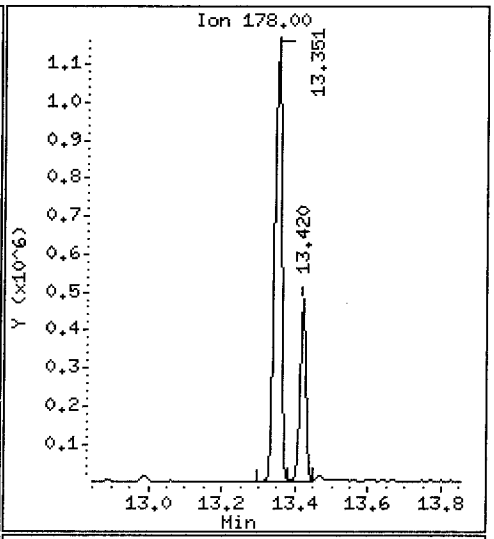
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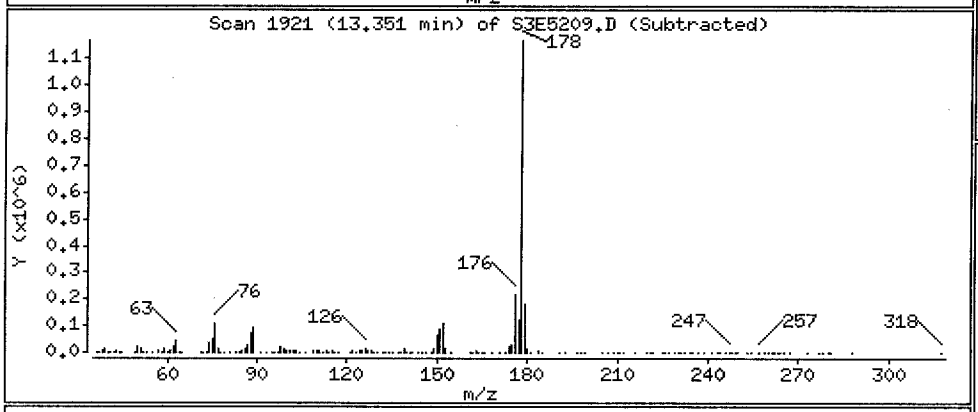
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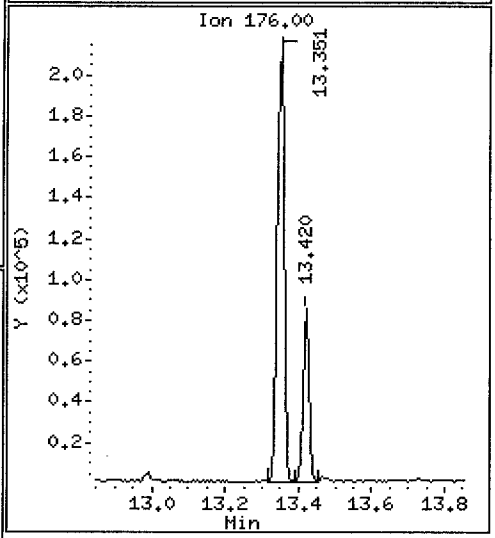
59 Phenanthrene

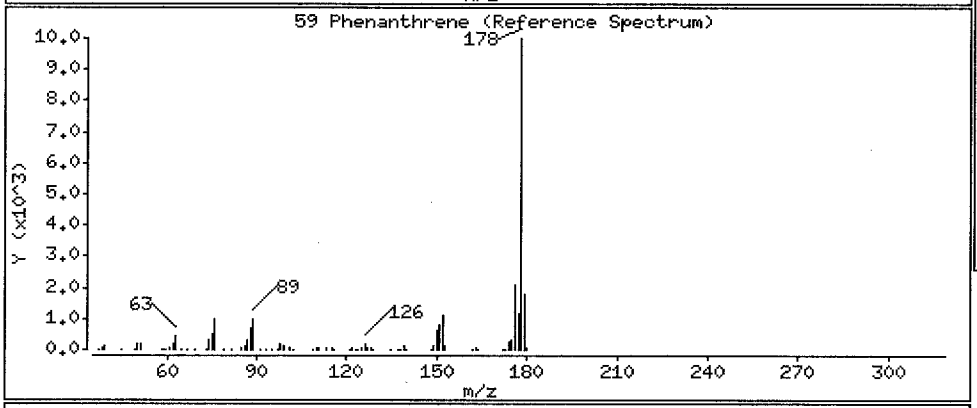
Concentration: 300 ug/Kg

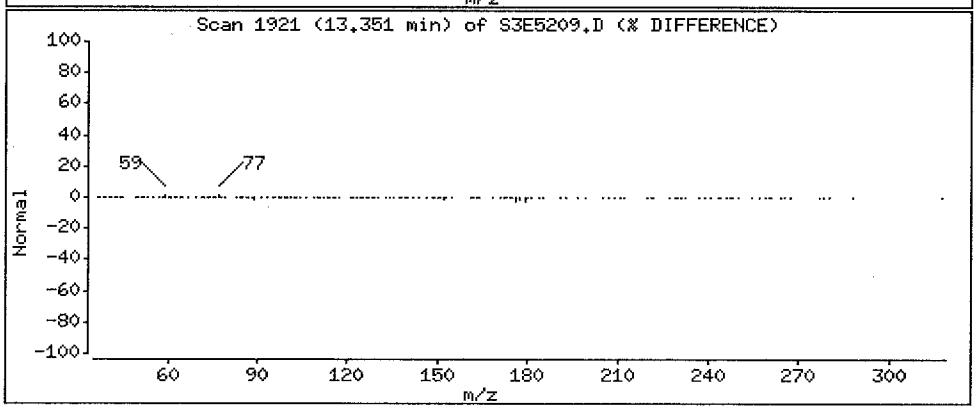












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

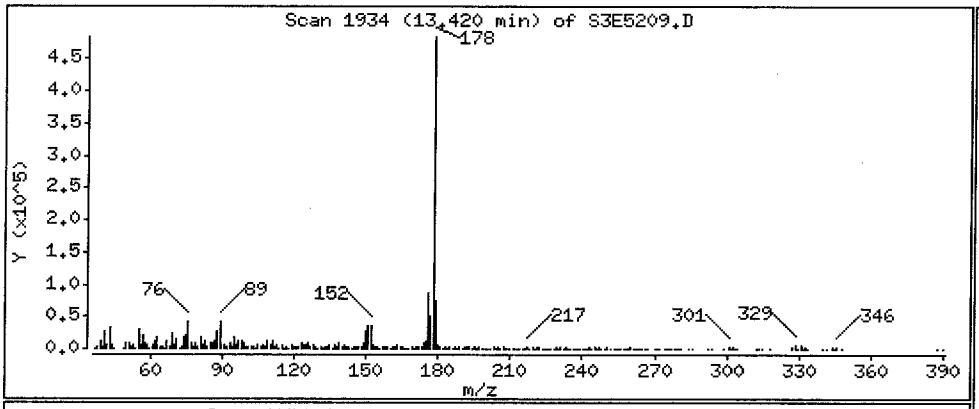
Operator: CLM SRC: LIMS

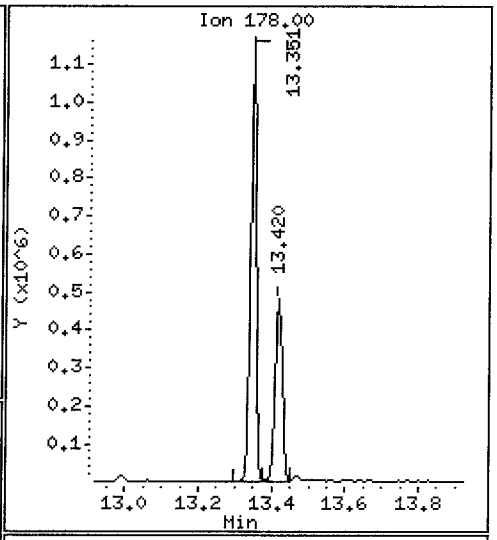
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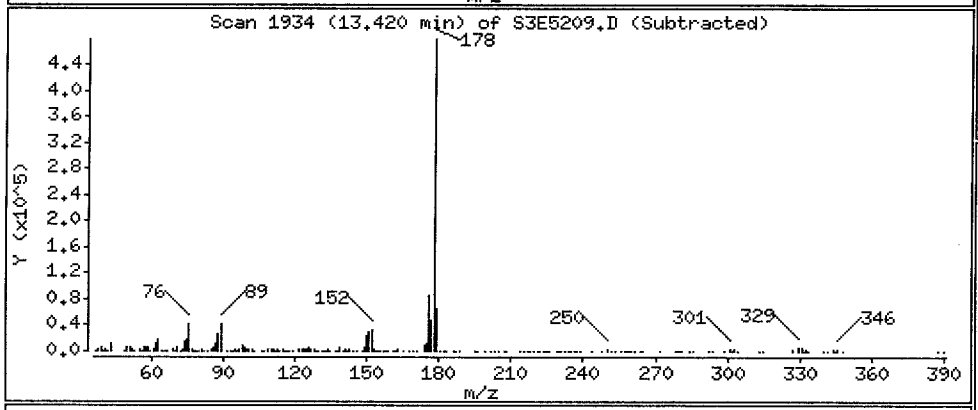
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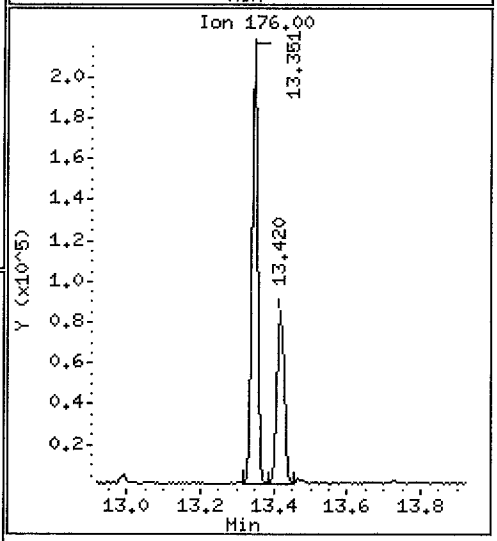
60 Anthracene

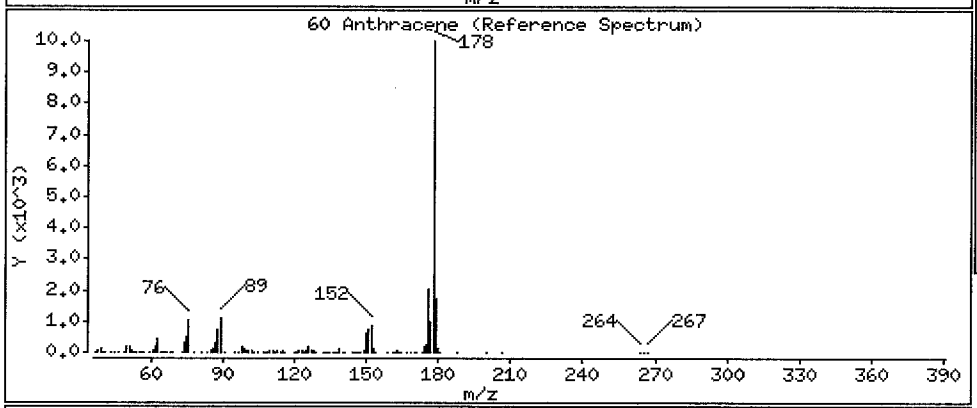
Concentration: 130 ug/Kg

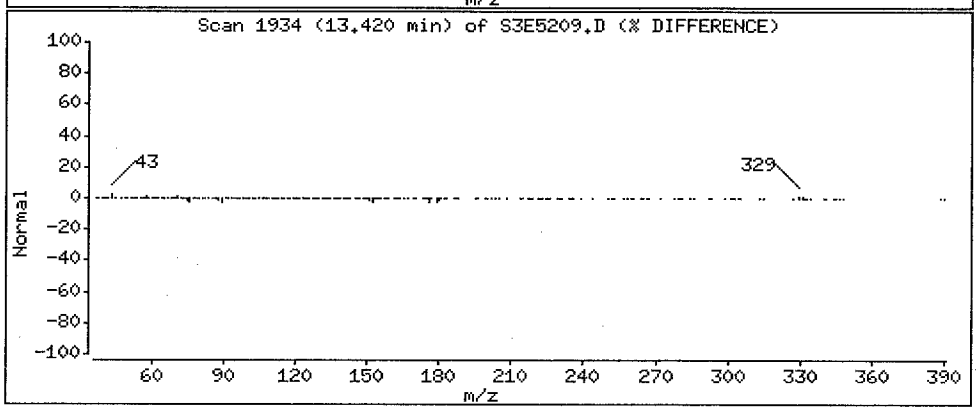












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

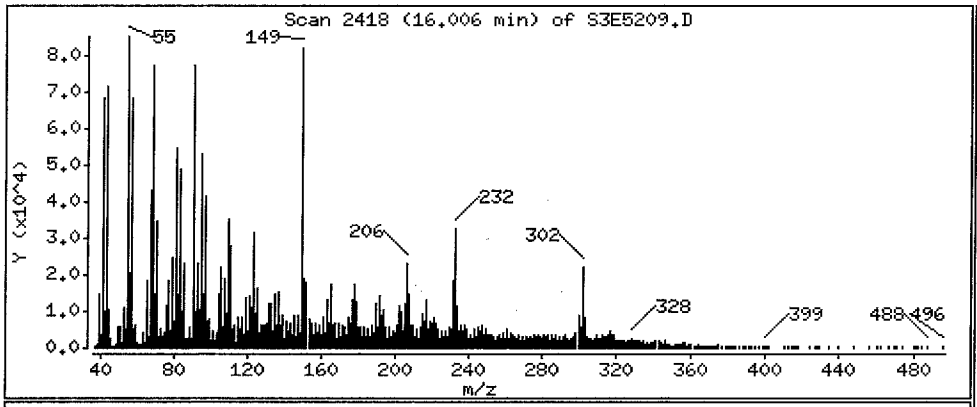
Operator: CLM SRC: LIMS

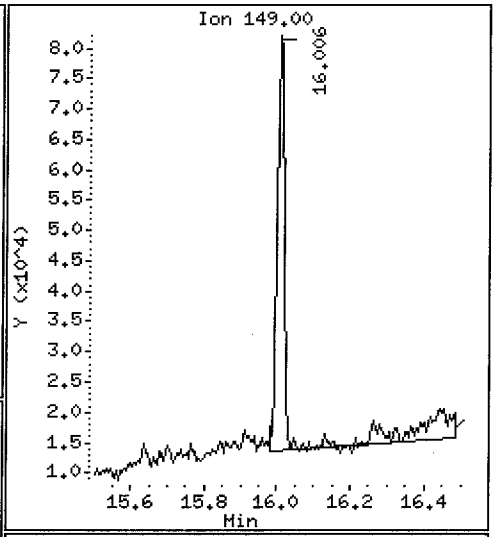
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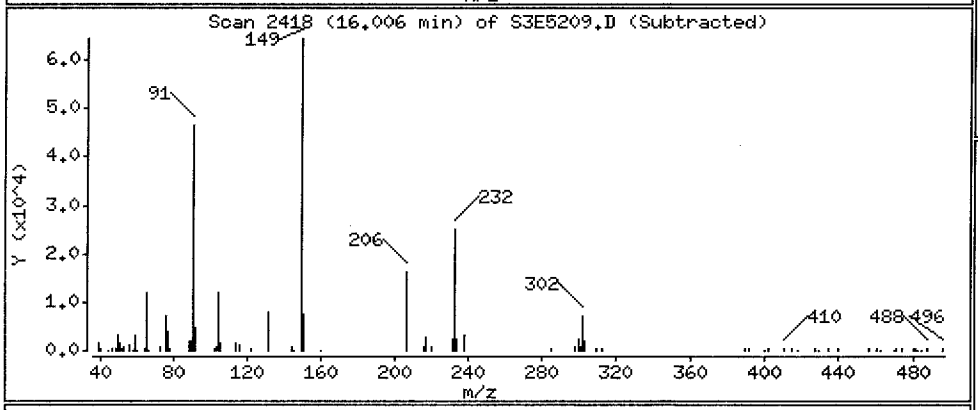
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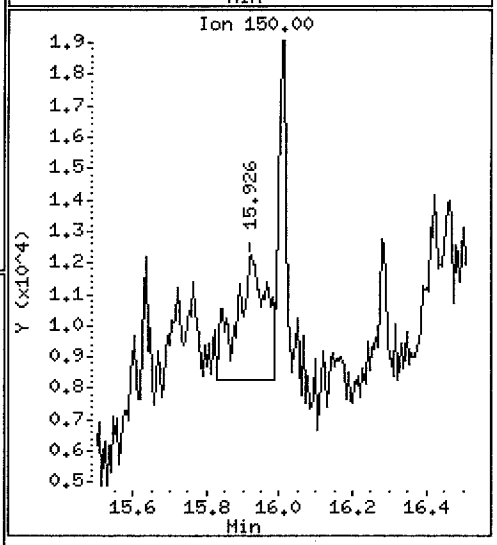
62 Di-n-butylphthalate

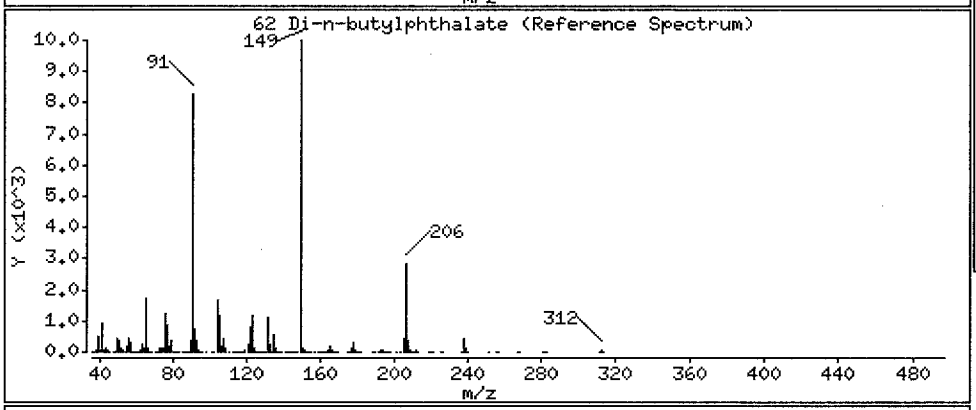
Concentration: 58 ug/Kg

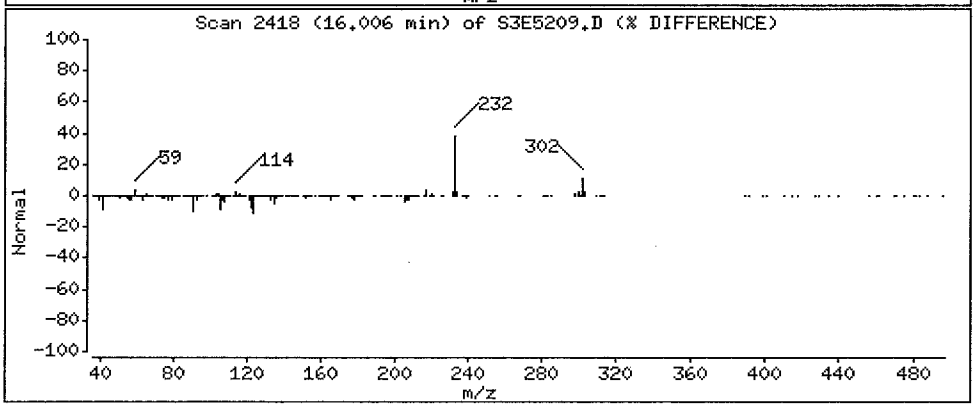












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

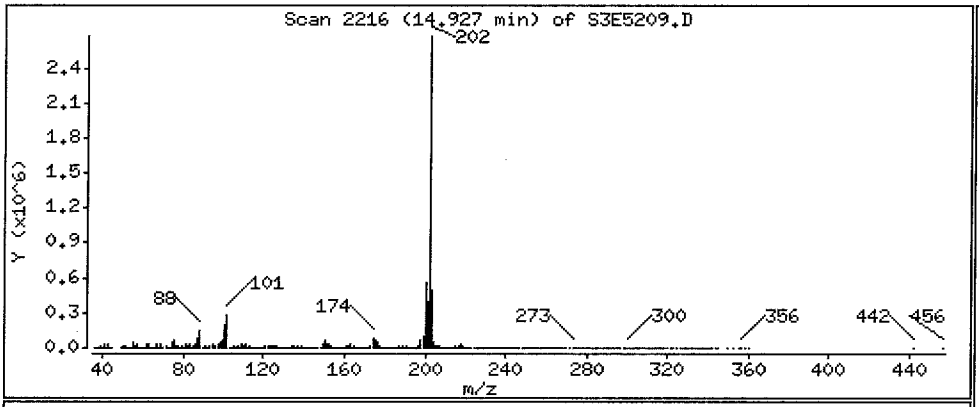
Operator: CLM SRC: LIMS

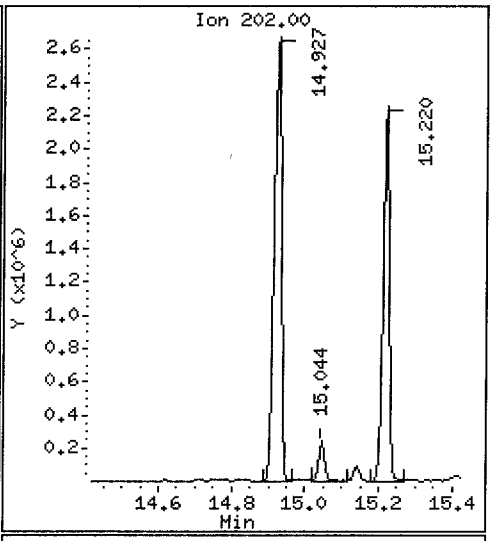
Column phase: DB-5MS

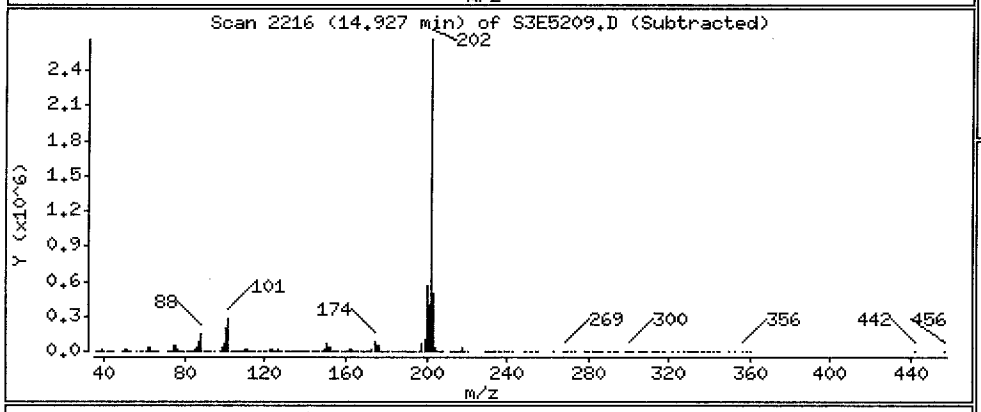
Column diameter: 0.25

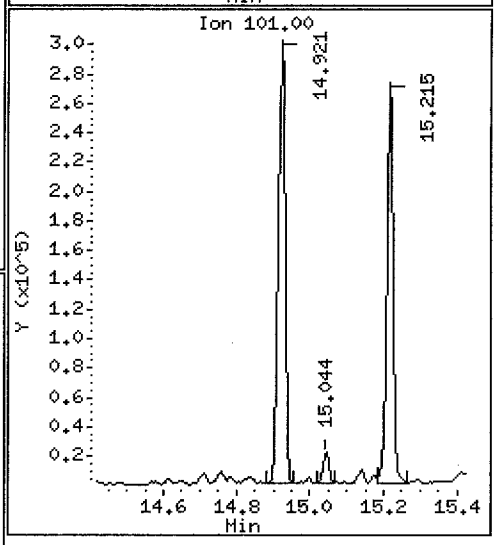
63 Fluoranthene

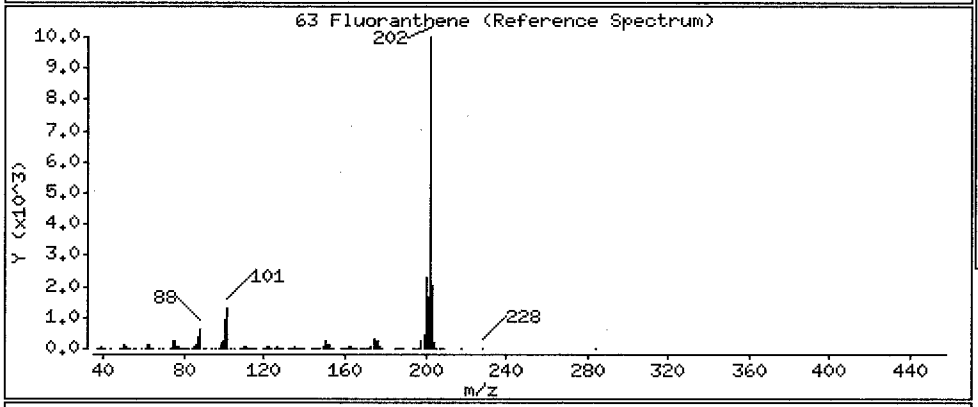
Concentration: 700 ug/Kg

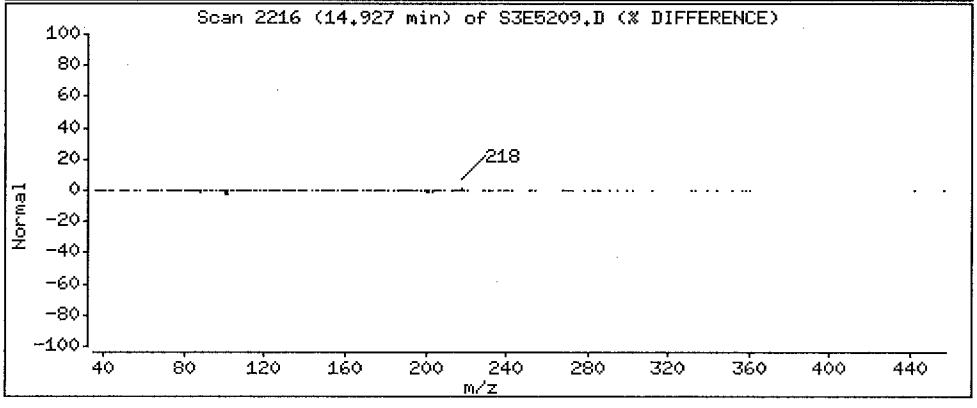












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

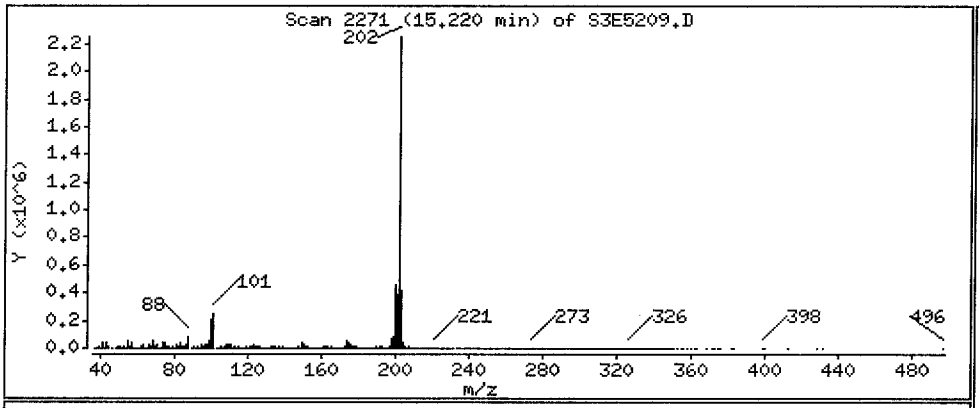
Operator: CLM SRC: LIMS

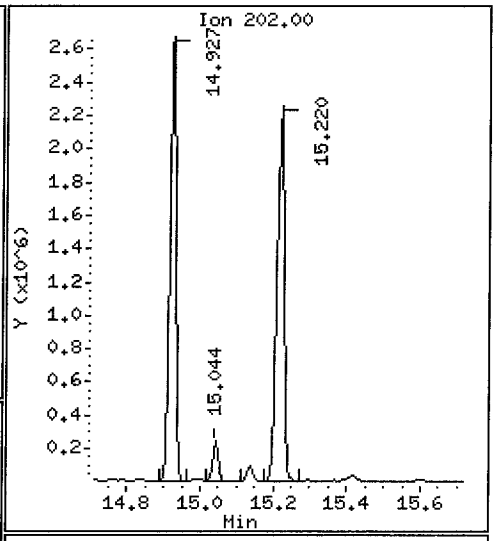
Column phase: DB-5MS

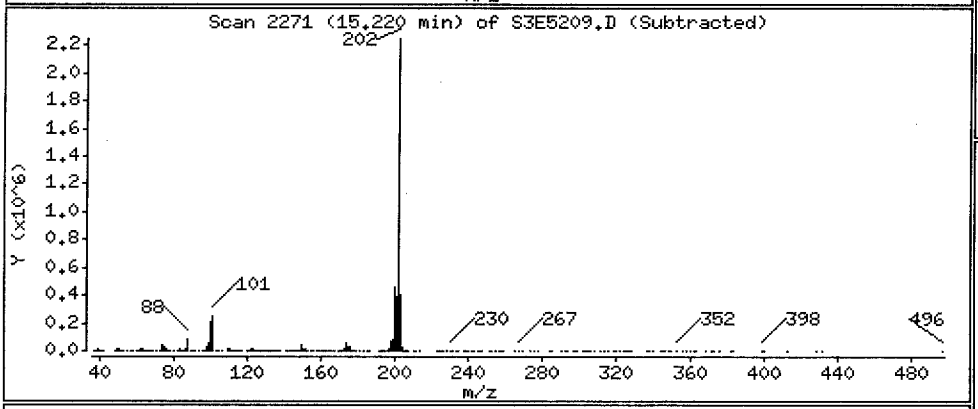
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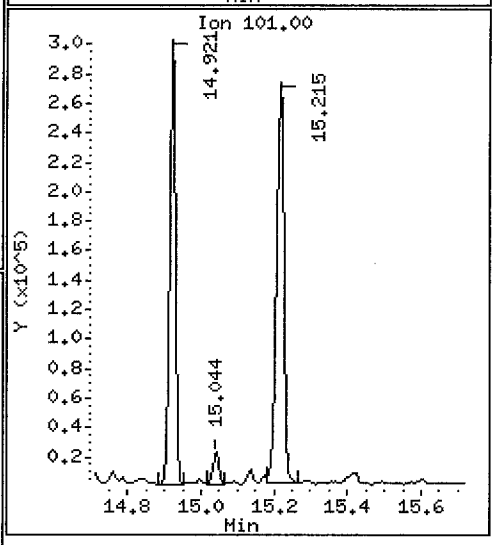
64 Pyrene

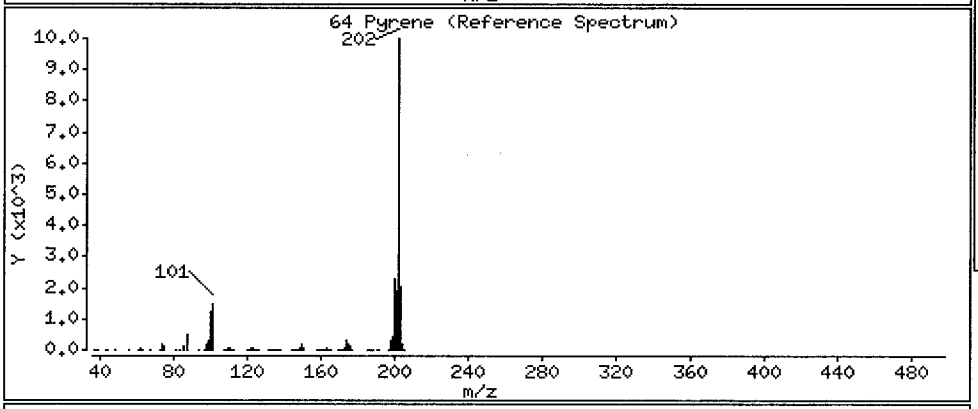
Concentration: 560 ug/Kg

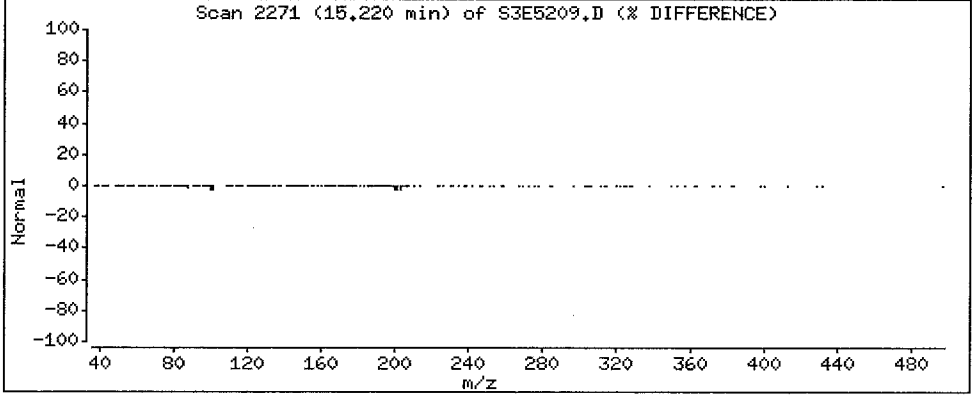












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

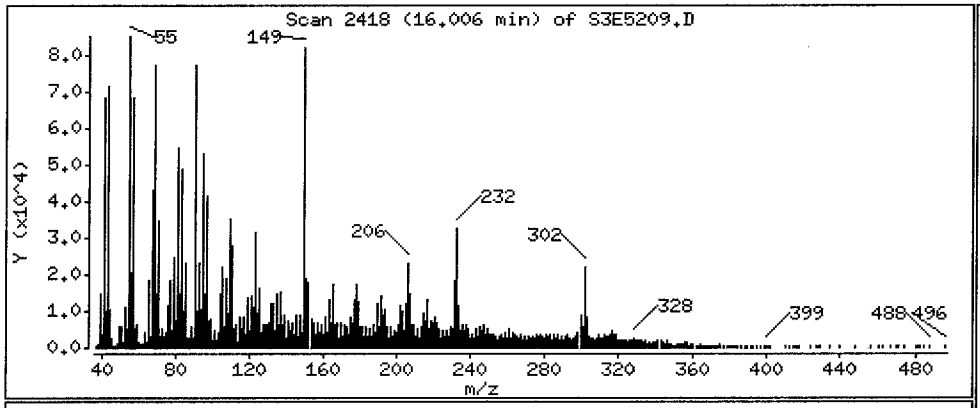
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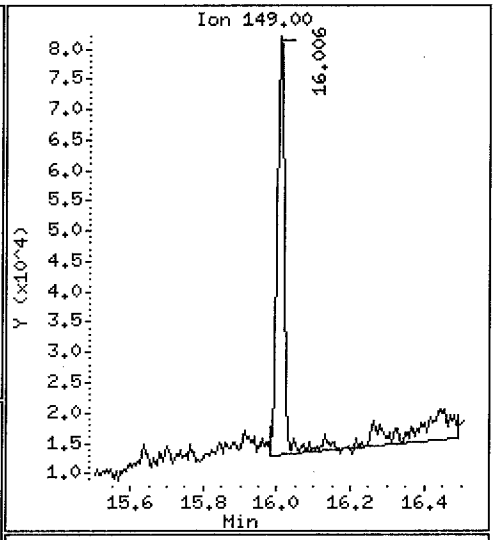
Column phase: DB-5MS

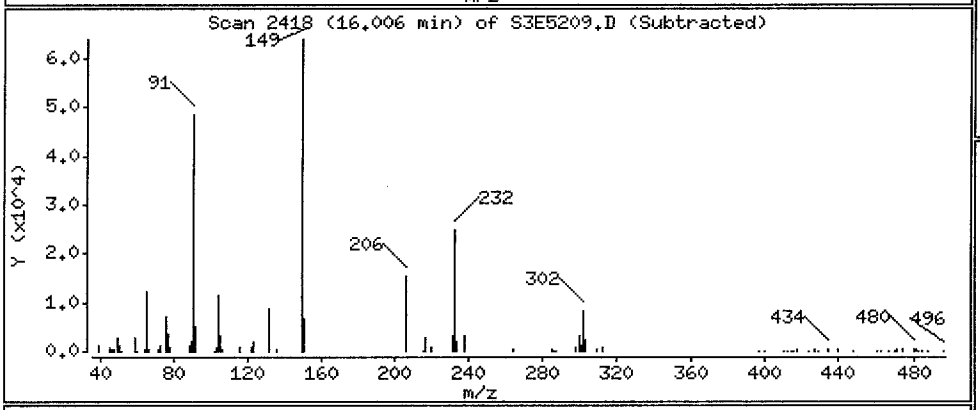
Column diameter: 0.25

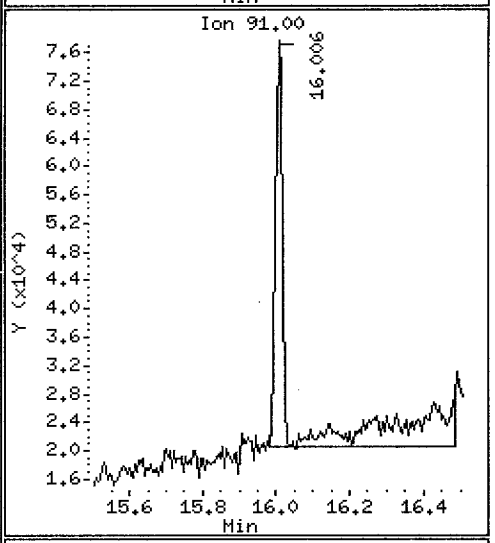
66 Butylbenzylphthalate

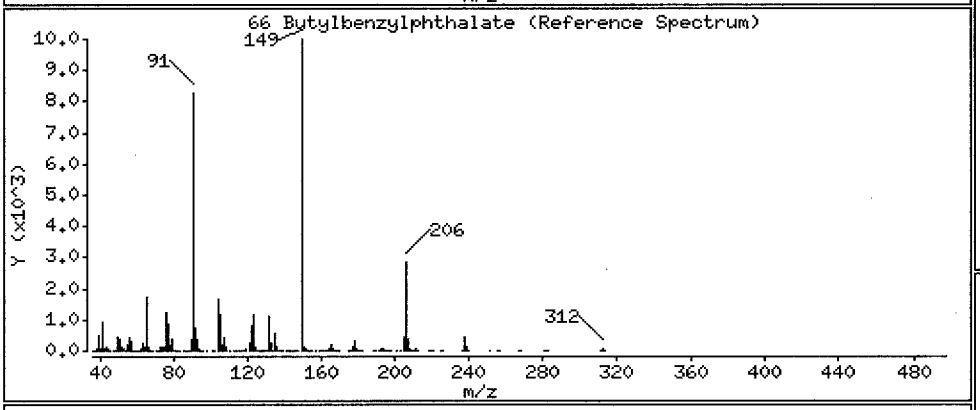
Concentration: 65 ug/Kg

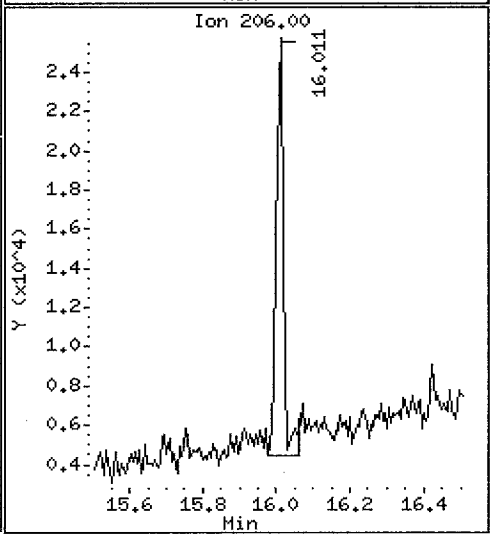


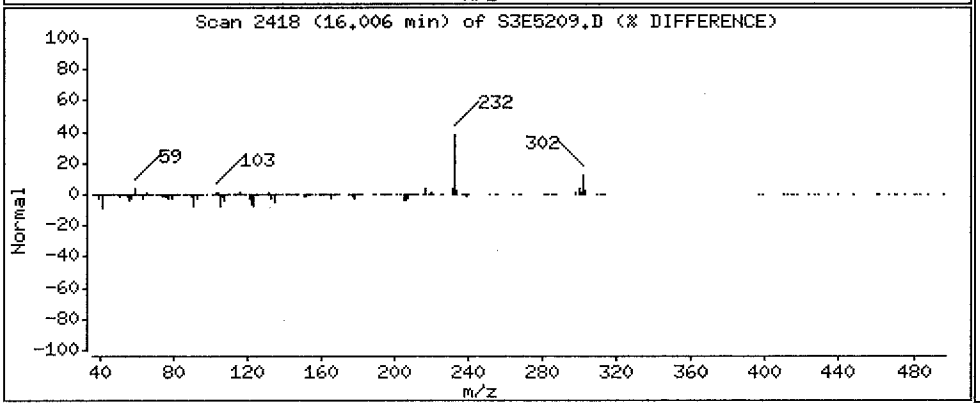












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

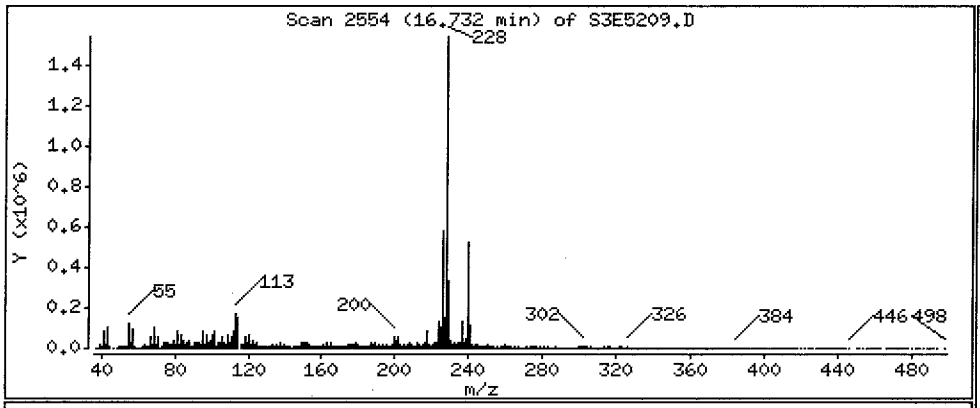
Operator: CLM SRC: LIMS

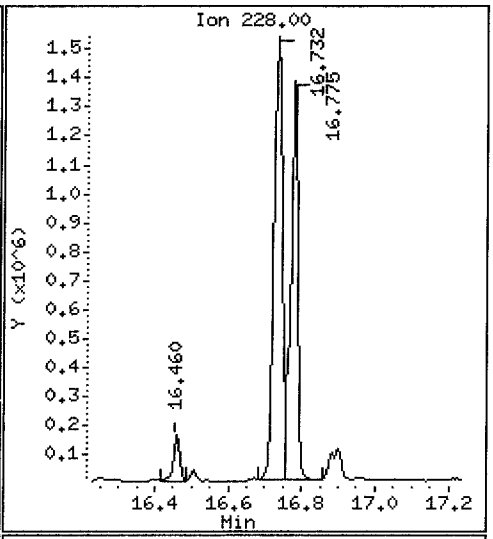
Column phase: DB-5MS

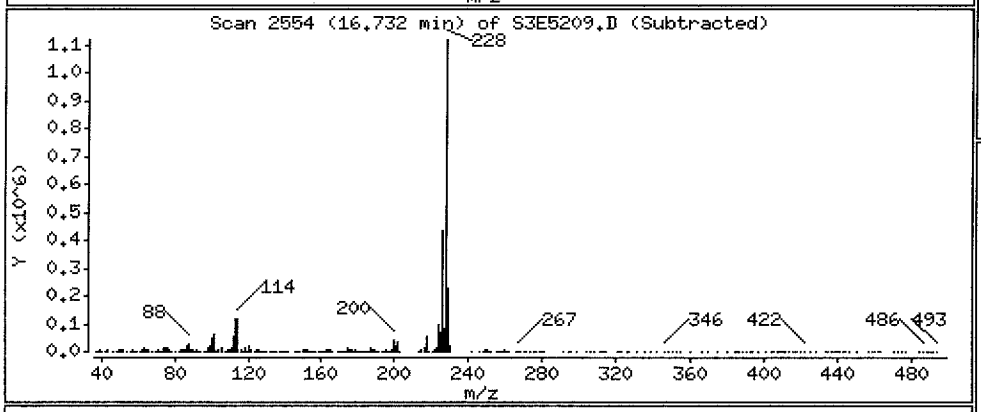
Column diameter: 0.25

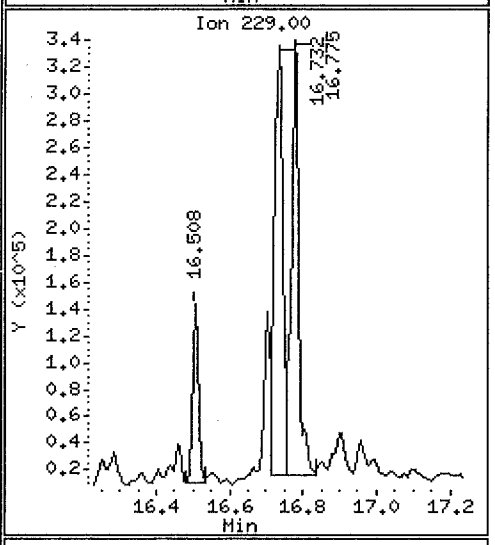
68 Benzo(a)anthracene

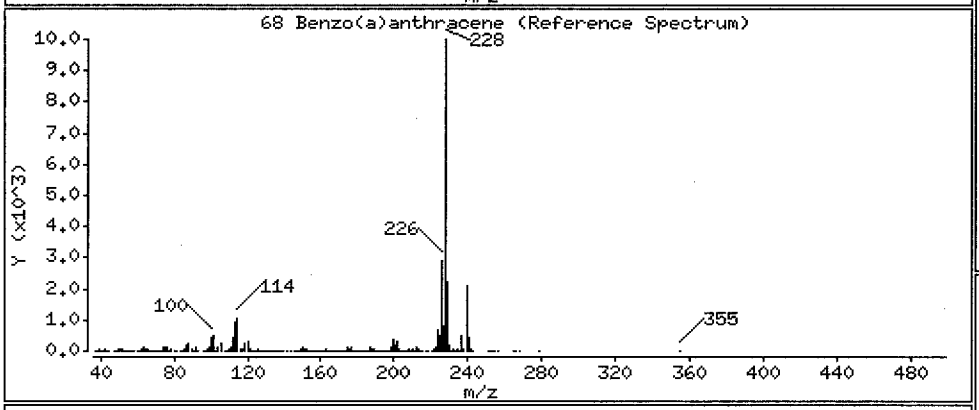
Concentration: 450 ug/Kg

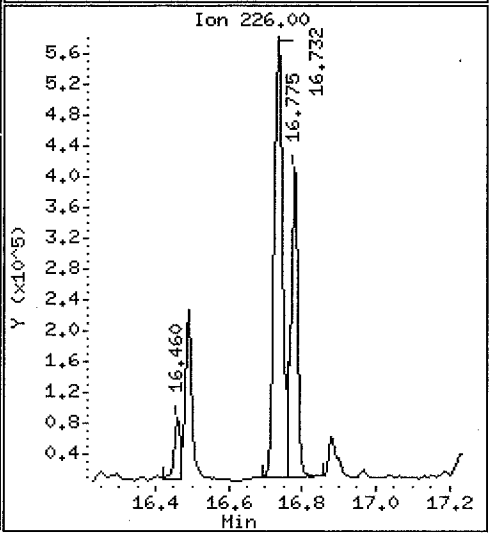


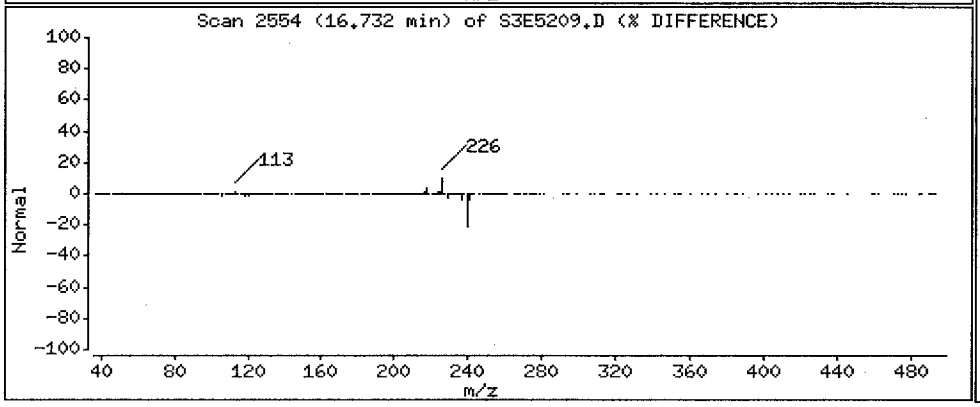












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

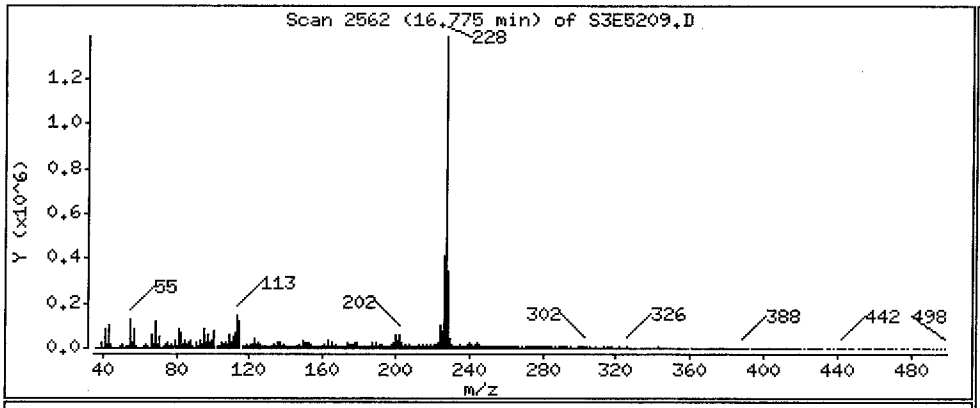
Operator: CLM SRC: LIMS

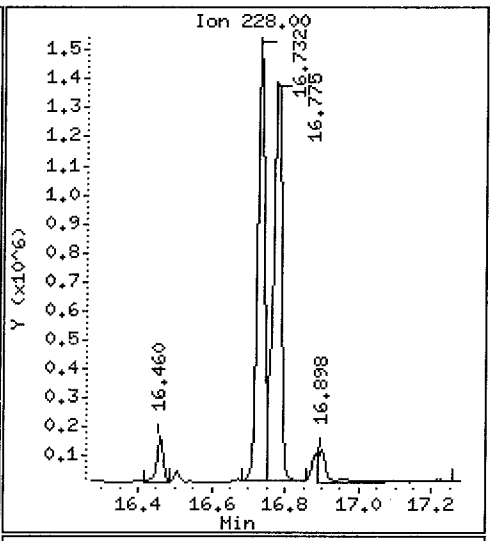
Column phase: DB-5MS

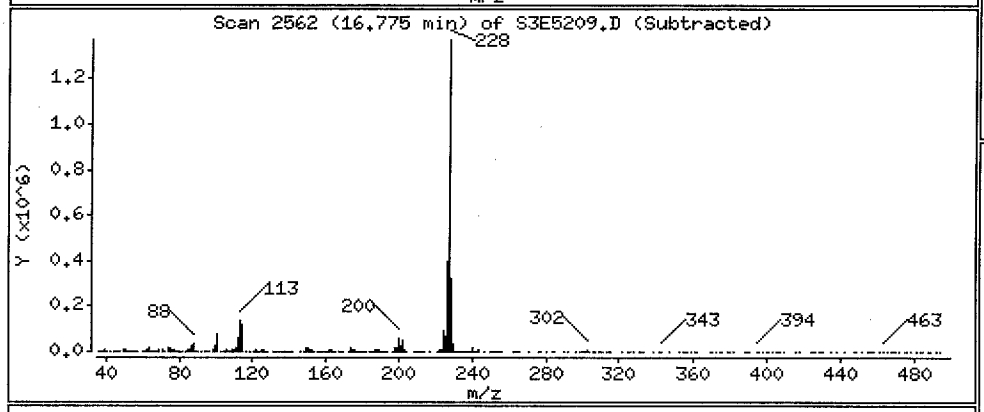
Column diameter: 0.25

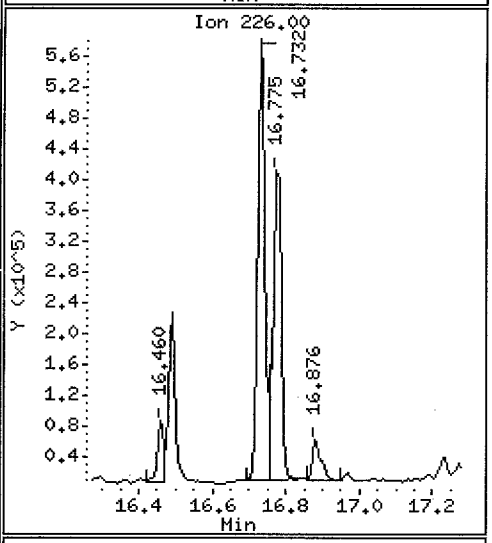
70 Chrysene

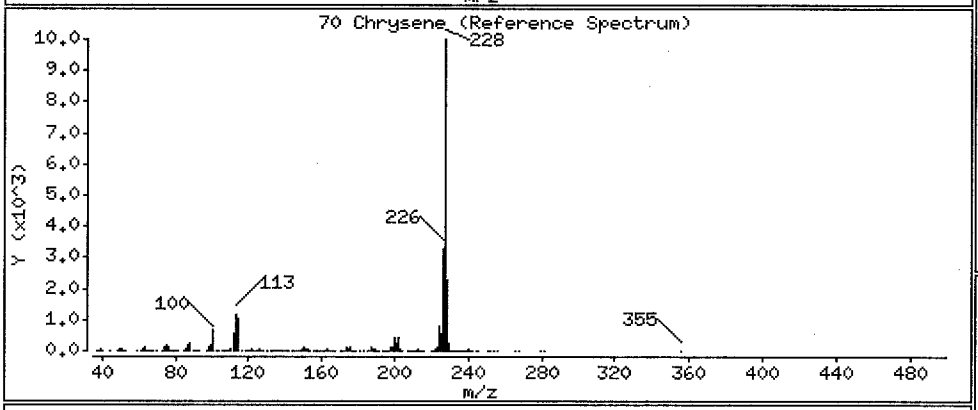
Concentration: 440 ug/Kg

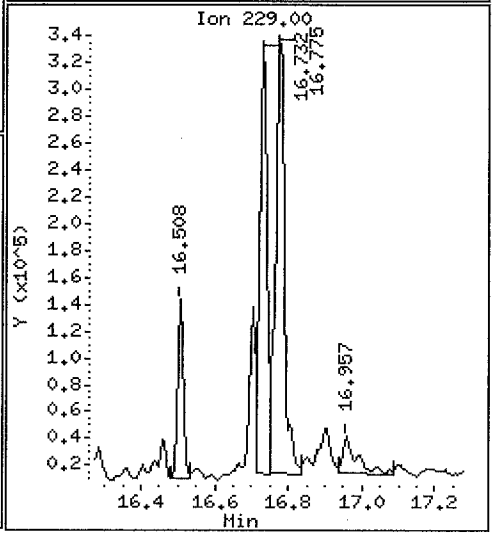


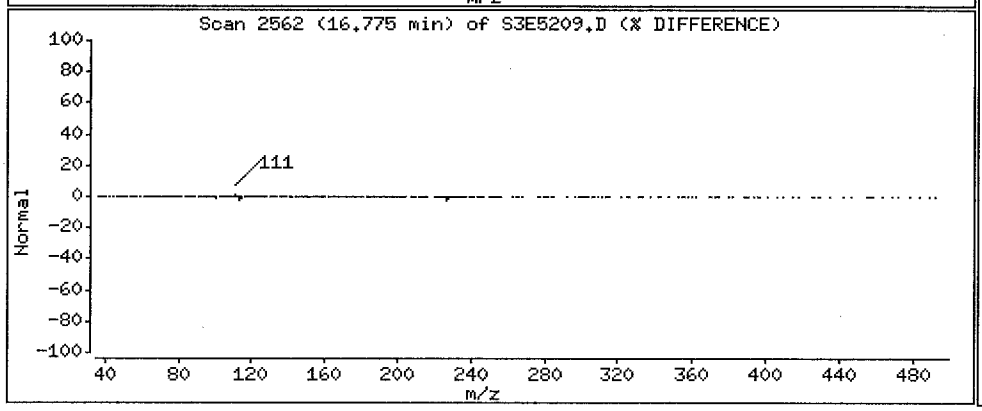












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

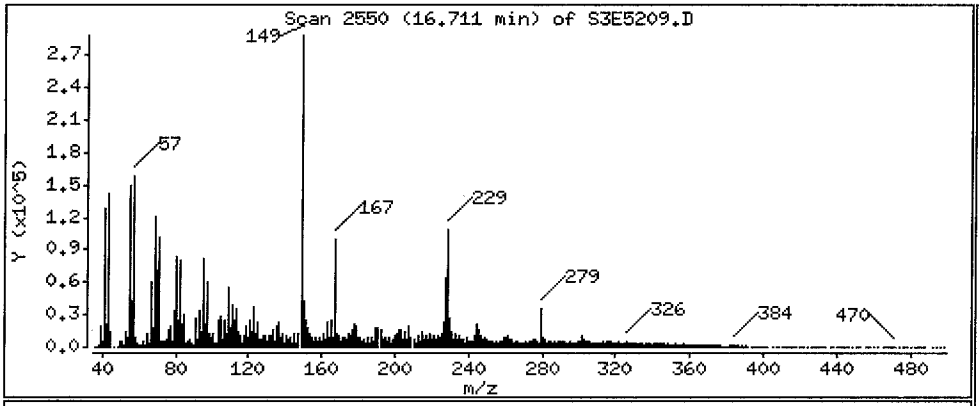
Operator: CLM SRC: LIMS

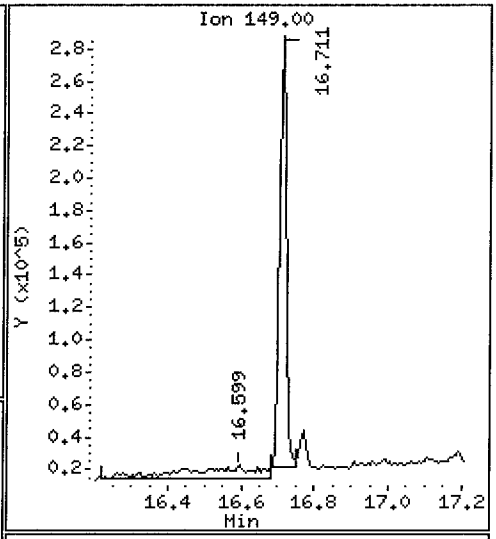
Column phase: DB-5MS

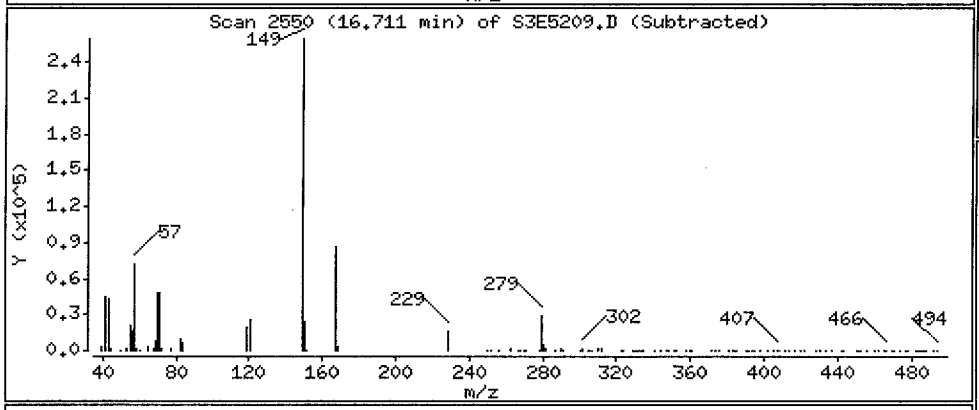
Column diameter: 0.25

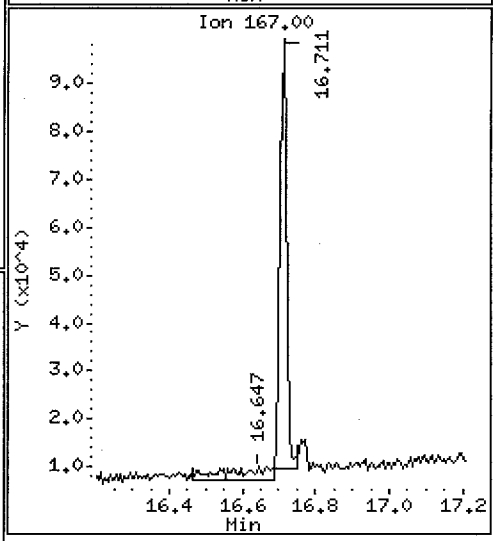
71 bis(2-Ethylhexyl)phthalate

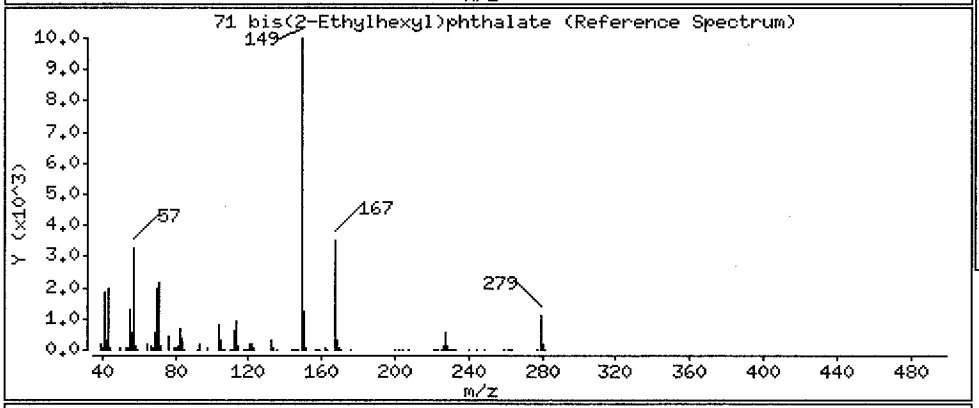
Concentration: 110 ug/Kg

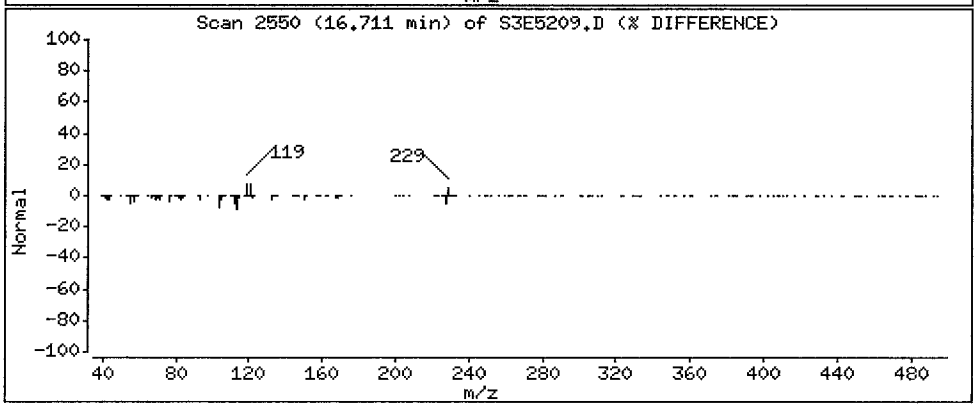












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

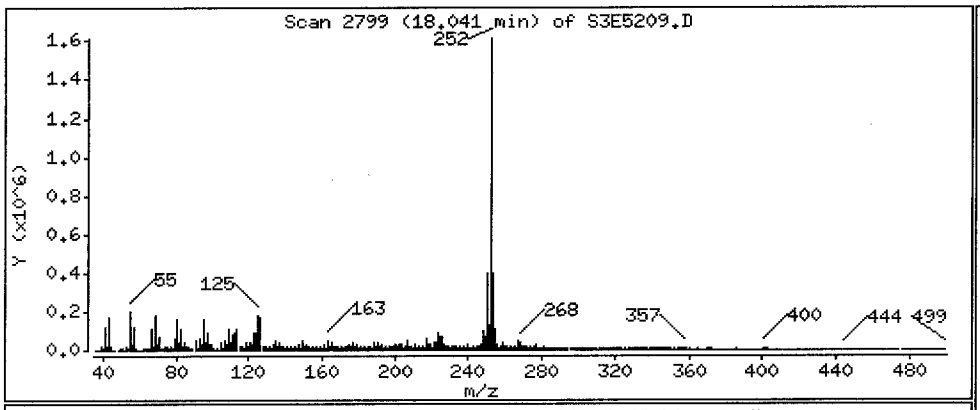
Operator: CLM SRC: LIMS

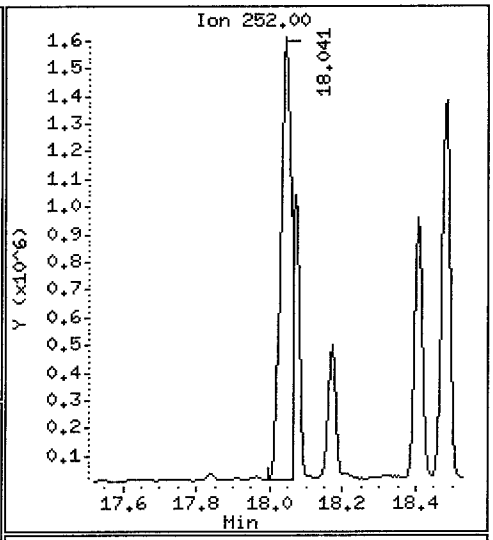
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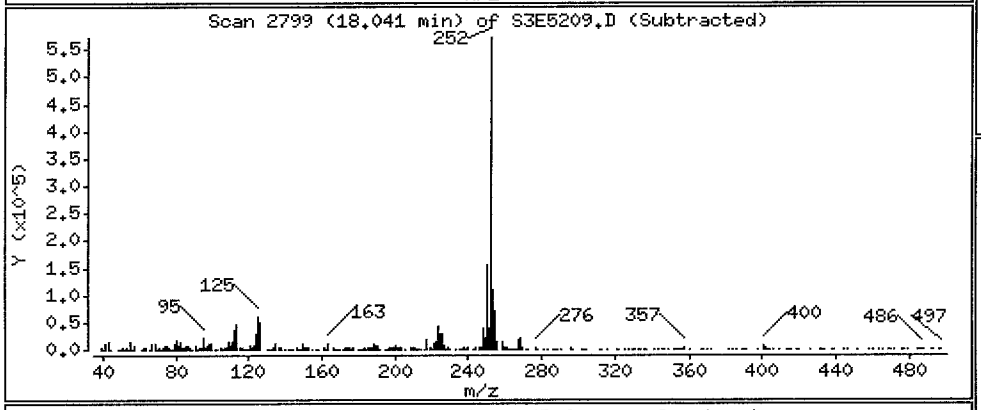
Column diameter: 0.25

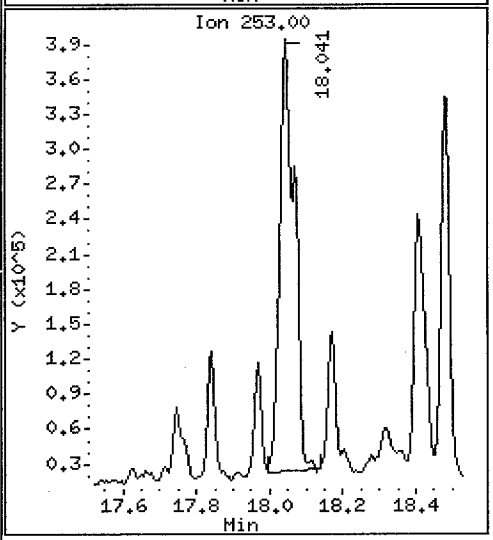
73 Benzo(b)fluoranthene

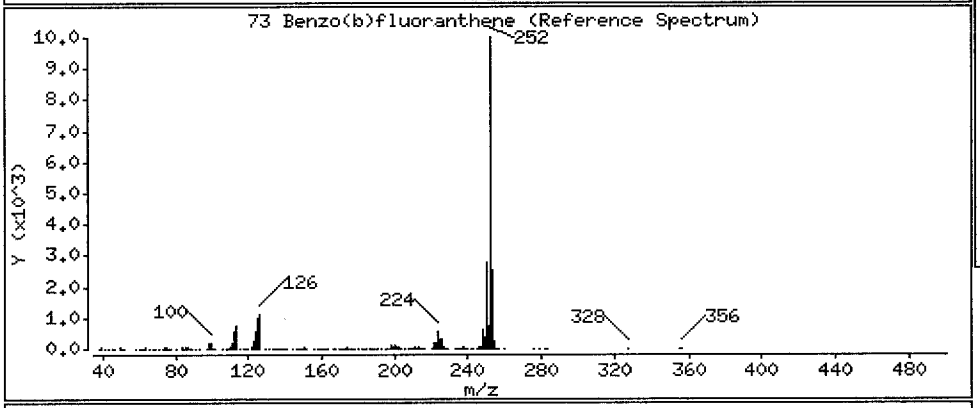
Concentration: 610 ug/Kg

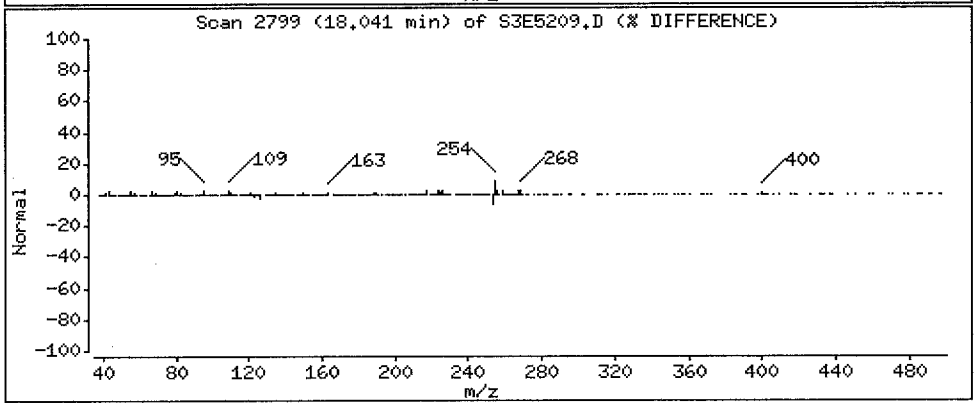












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

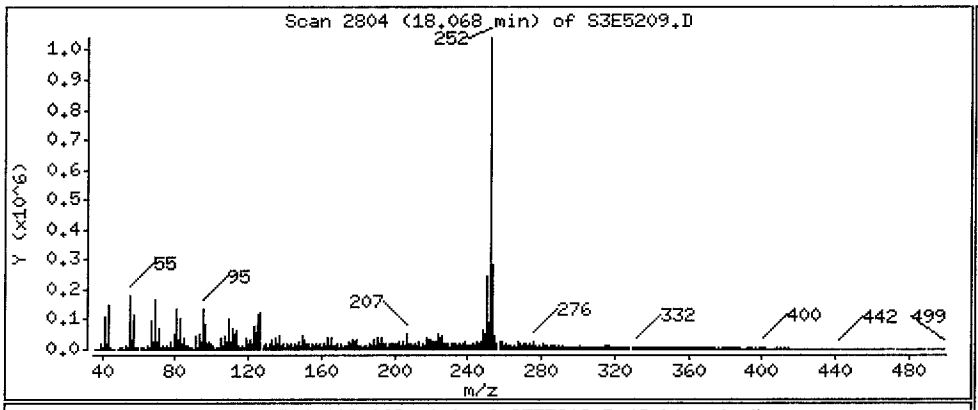
Operator: CLM SRC: LIMS

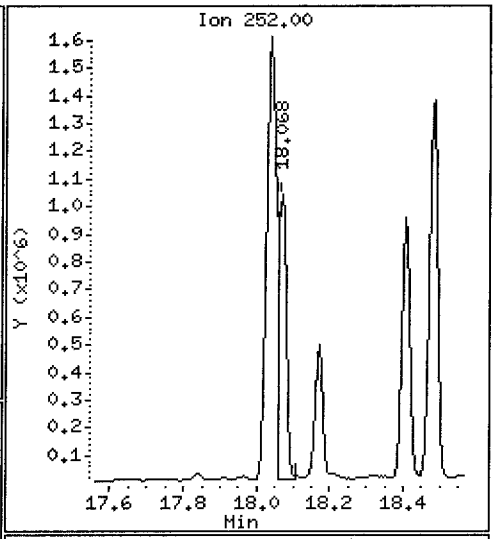
Column phase: DB-5MS

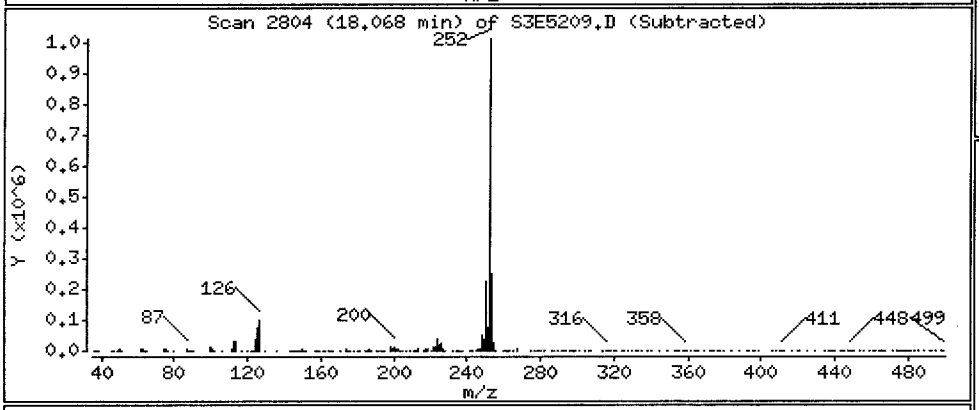
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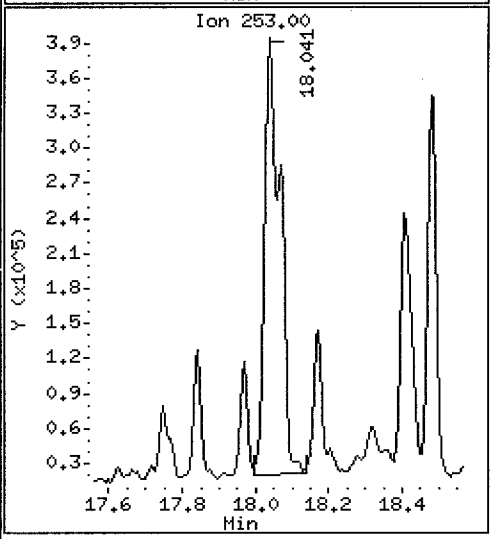
74 Benzo(k)fluoranthene

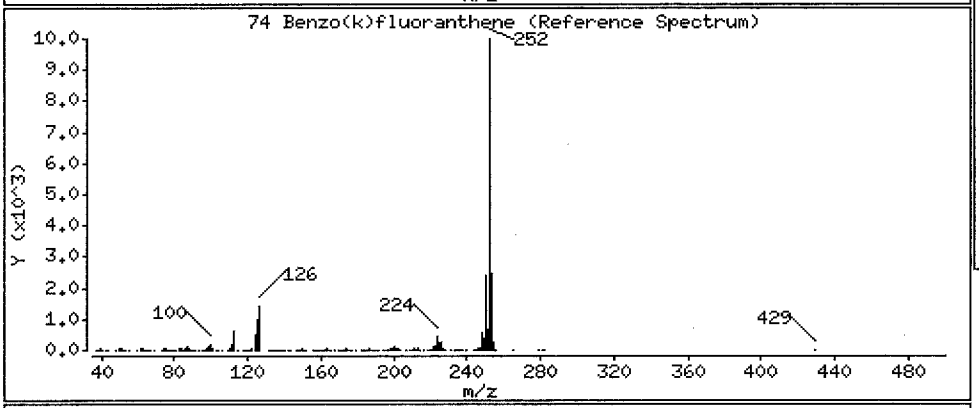
Concentration: 240 ug/Kg

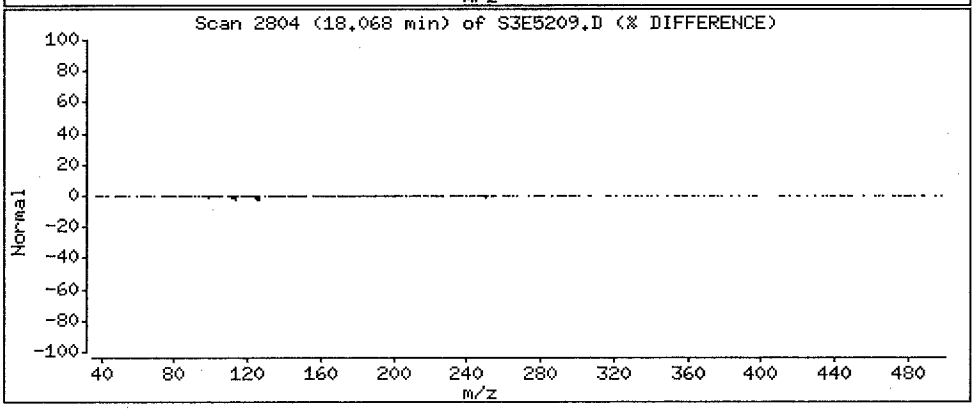












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

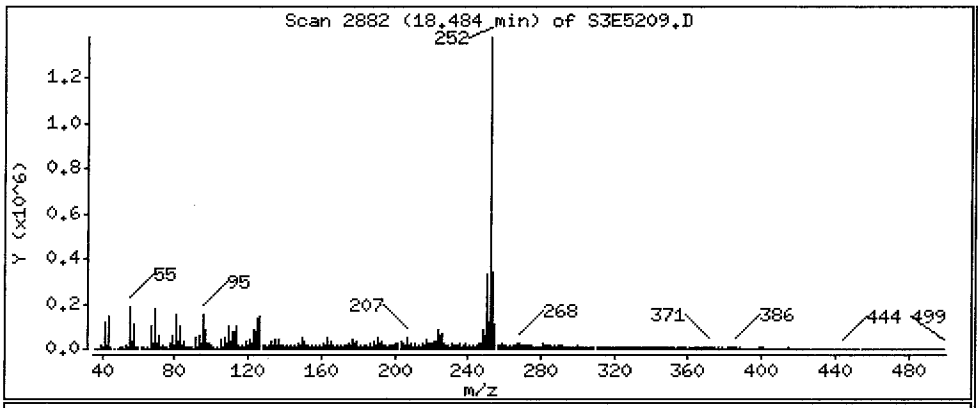
Operator: CLM SRC: LIMS

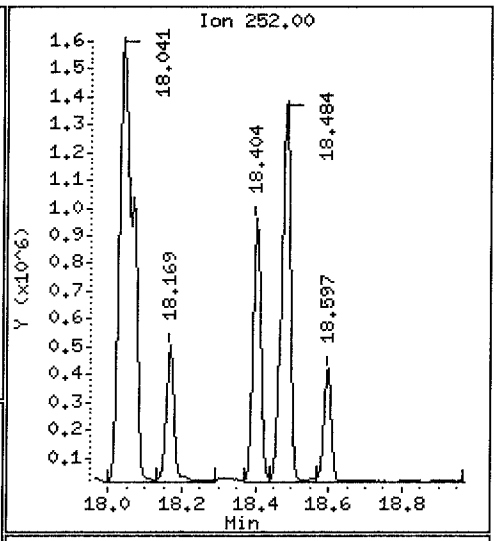
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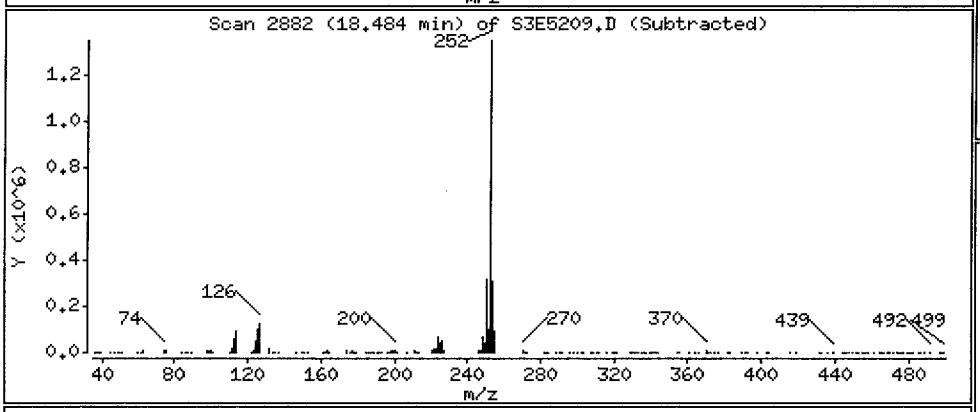
Column diameter: 0.25

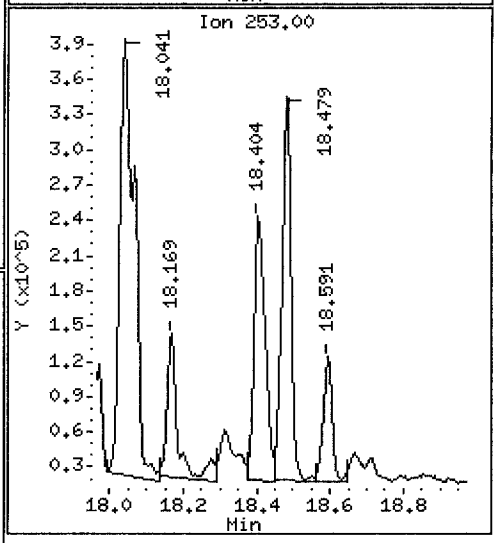
75 Benzo(a)pyrene

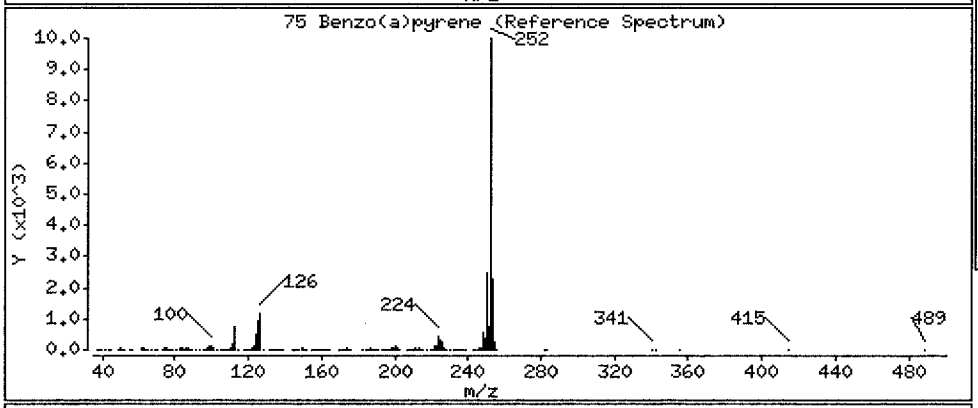
Concentration: 470 ug/Kg

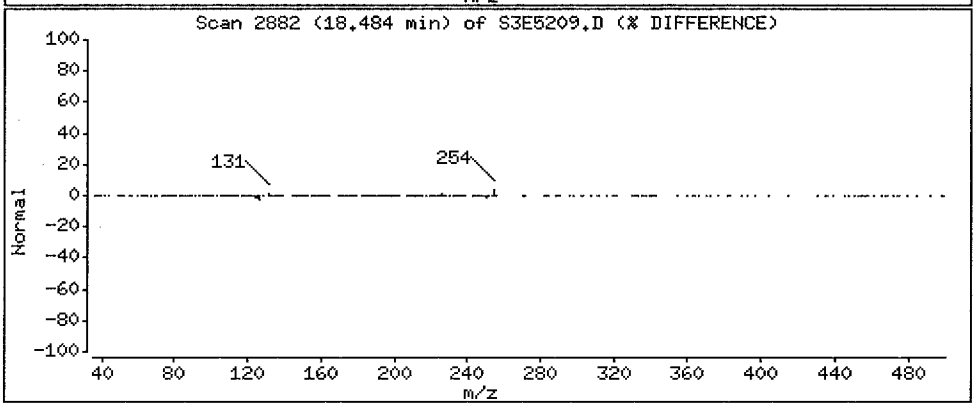












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

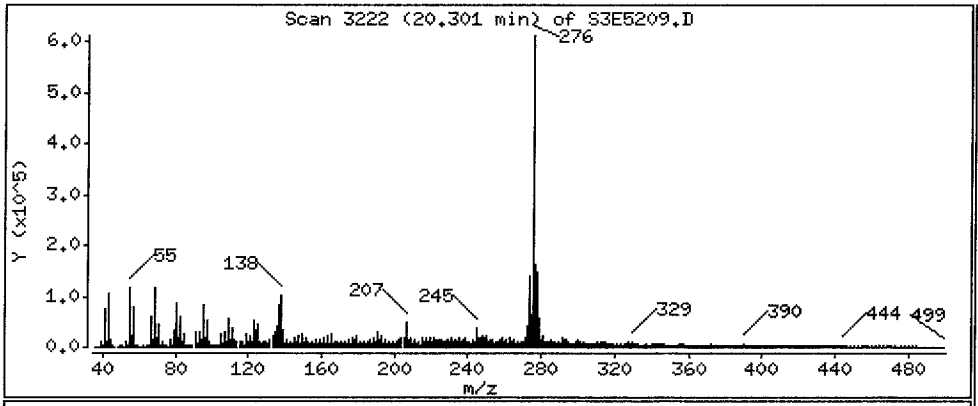
Operator: CLM SRC: LIMS

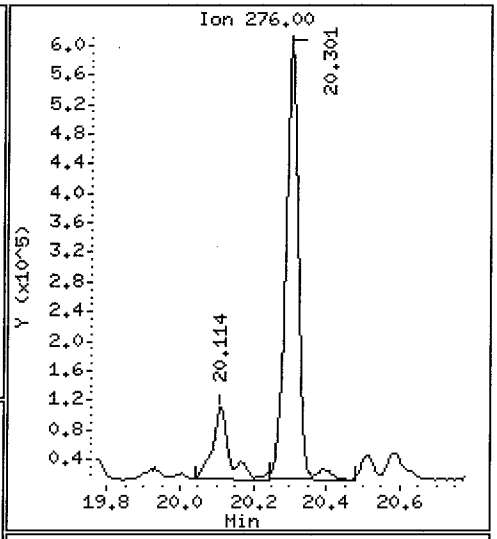
Column phase: DB-5MS

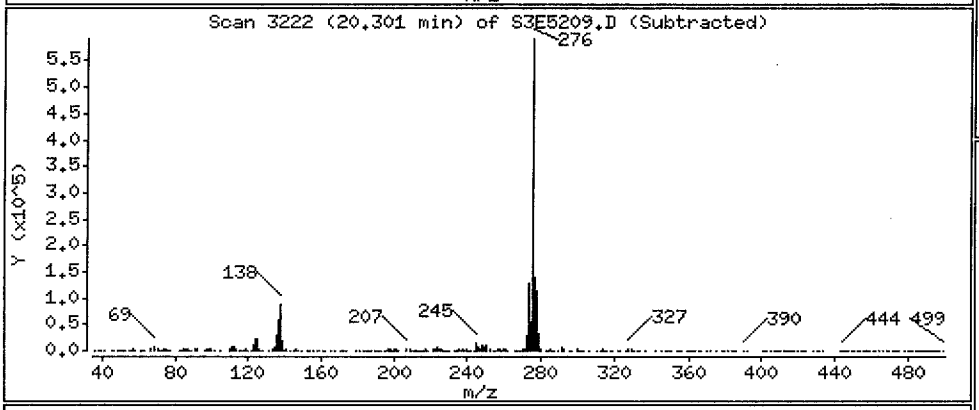
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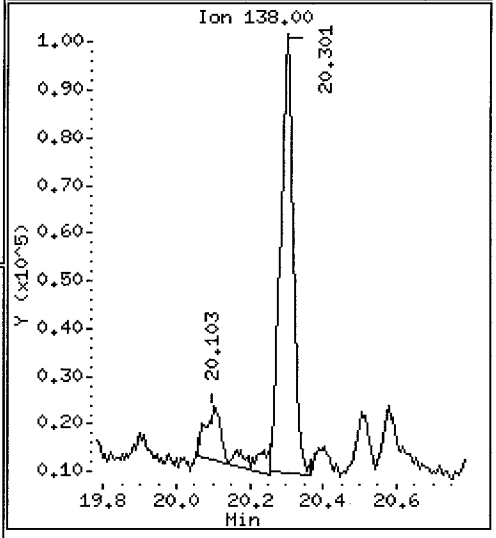
77 Indeno(1,2,3-cd)pyrene

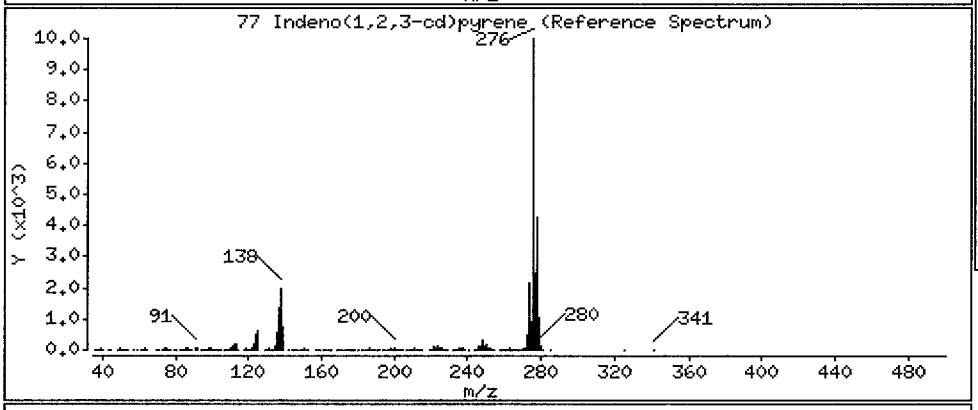
Concentration: 250 ug/Kg

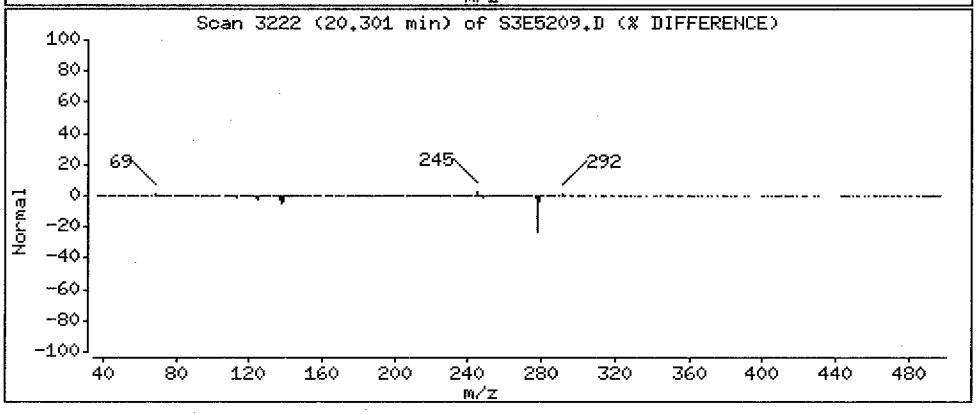












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

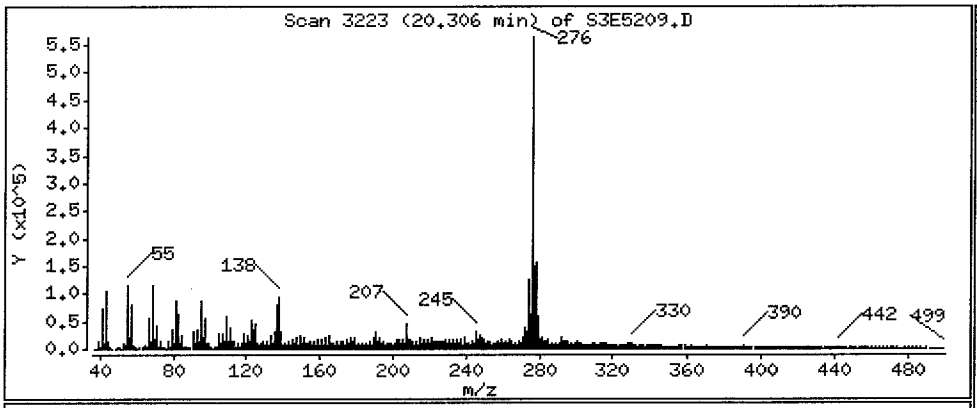
Operator: CLM SRC: LIMS

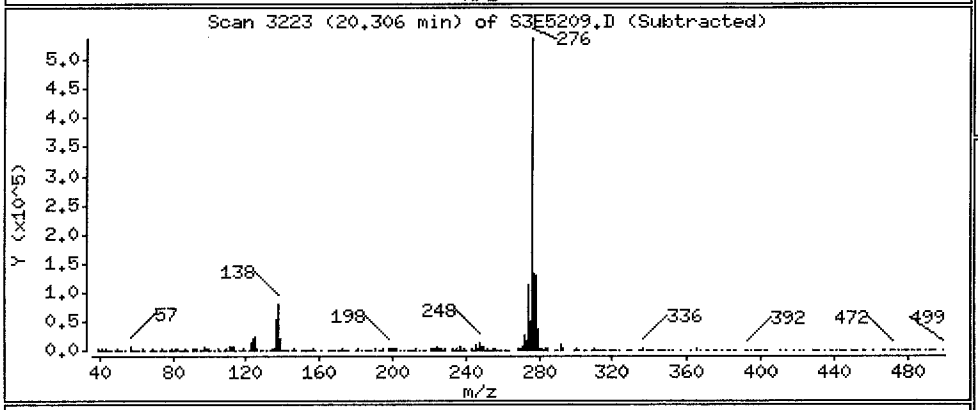
Column phase: DB-5MS

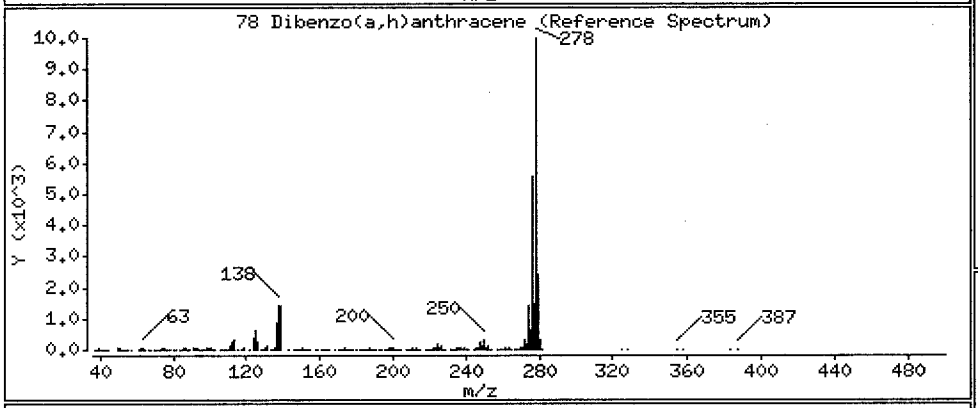
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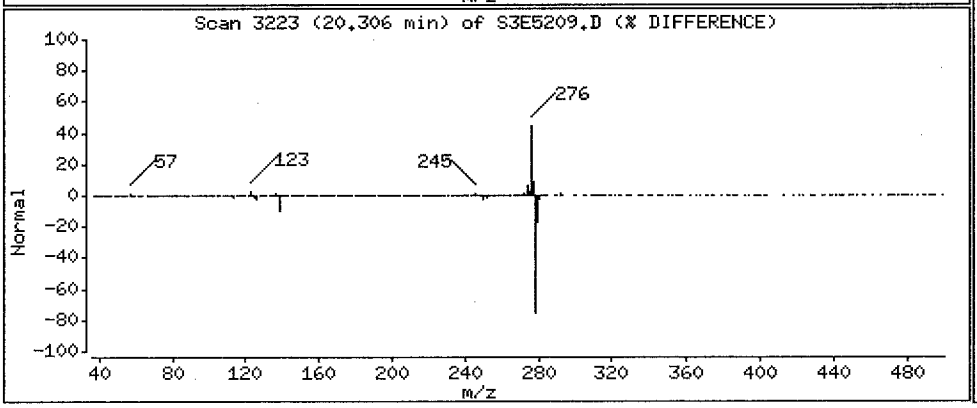
78 Dibenzo(a,h)anthracene

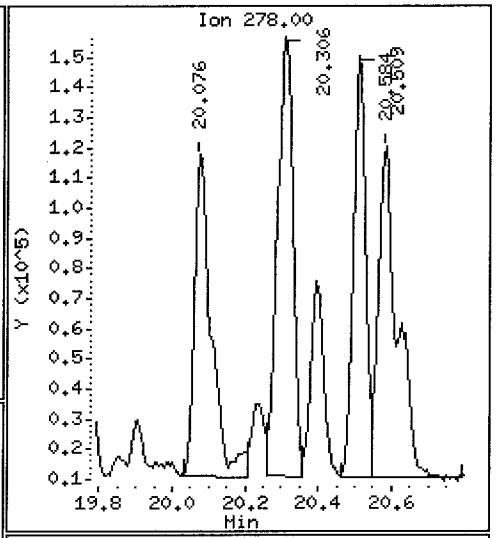
Concentration: 83 ug/Kg

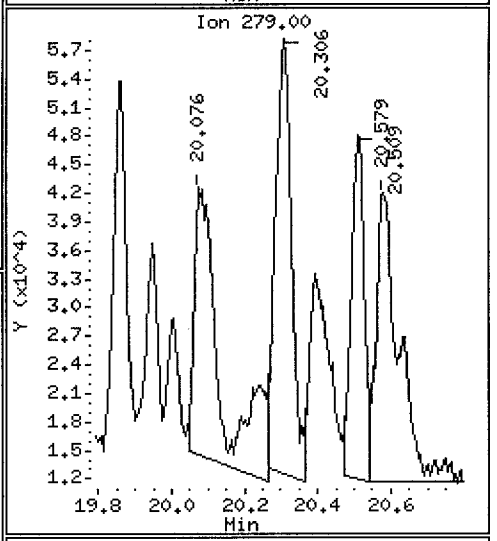


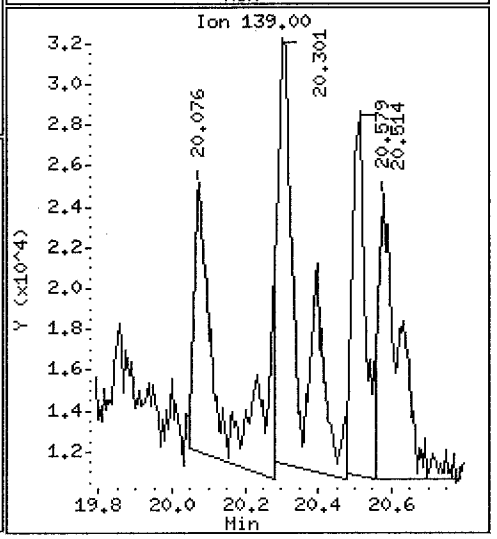












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

Volume Injected (uL): 2.0

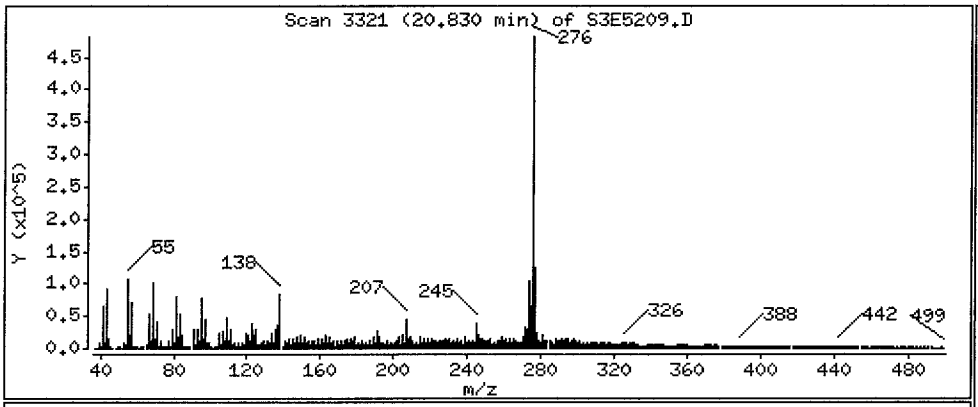
Operator: CLM SRC: LIMS

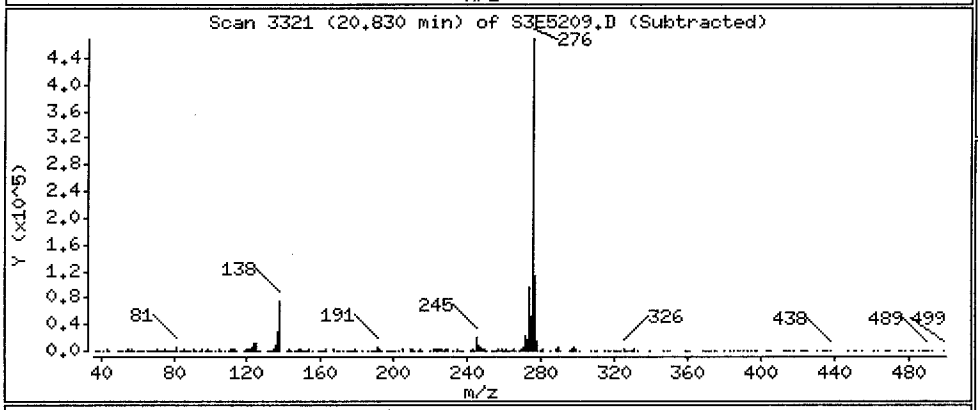
Column phase: DB-5MS

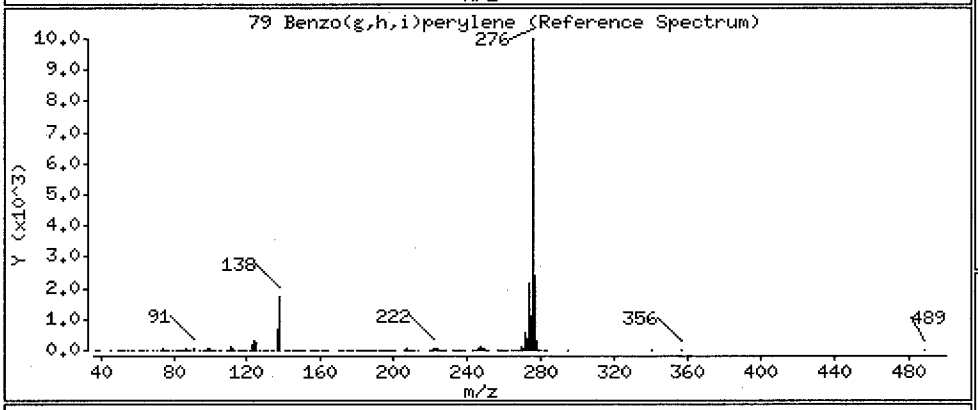
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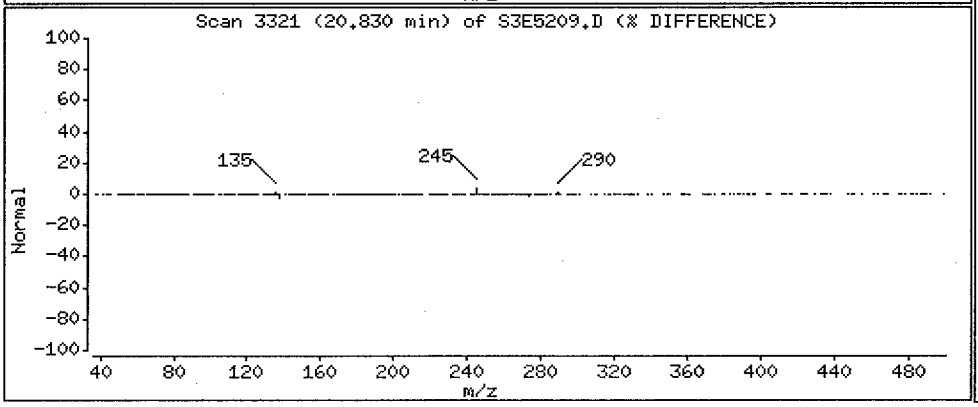
79 Benzo(g,h,i)perylene

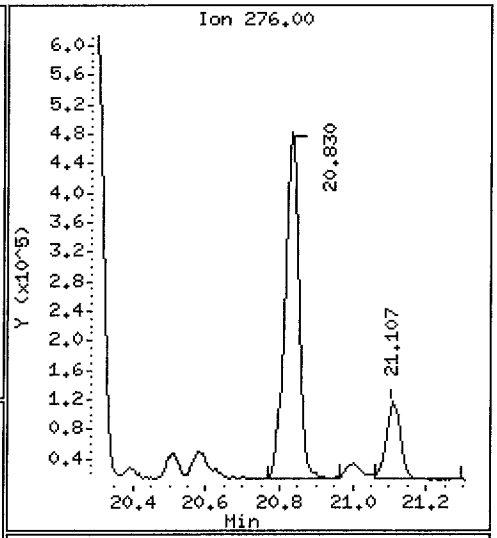
Concentration: 250 ug/Kg

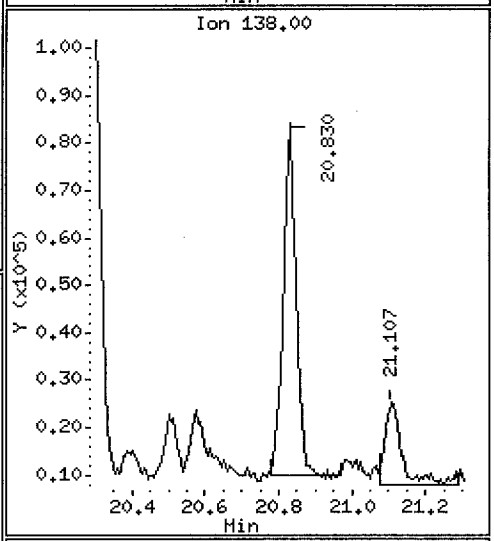


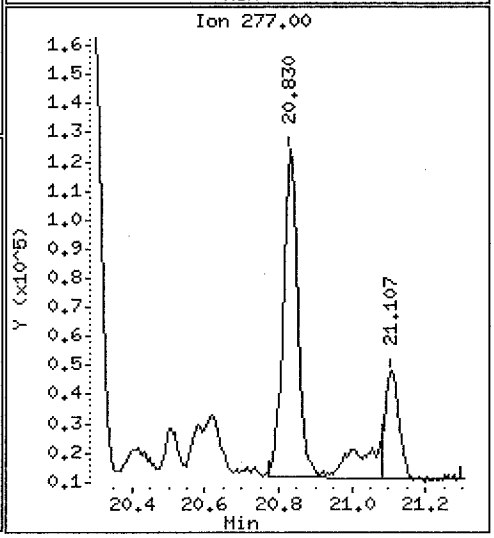












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

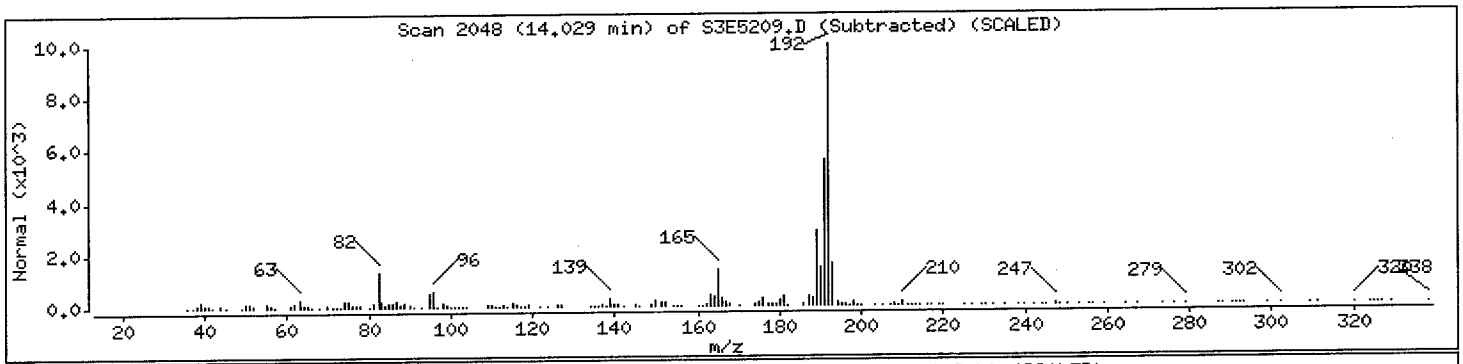
Volume Injected (uL): 2.0

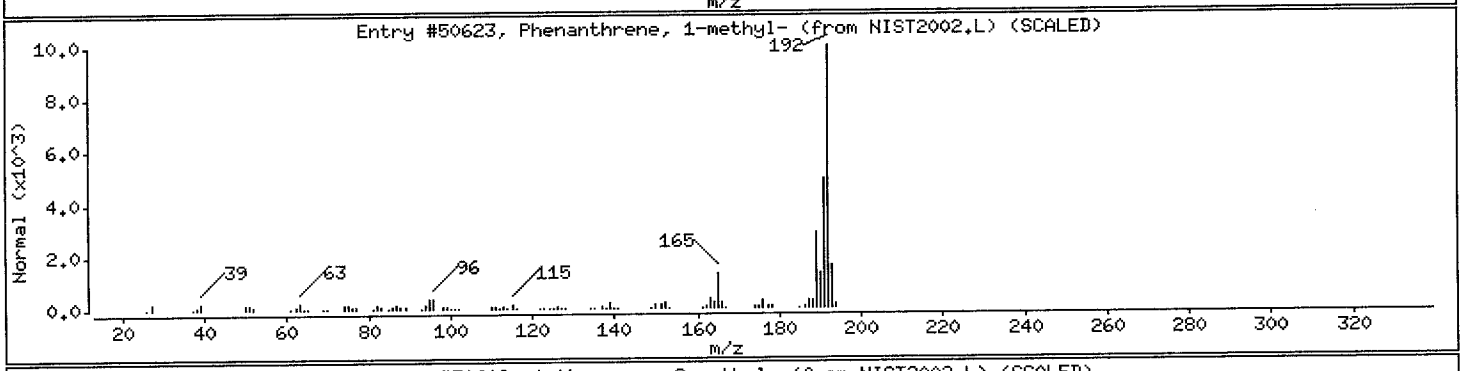
Operator: CLM SRC: LIMS

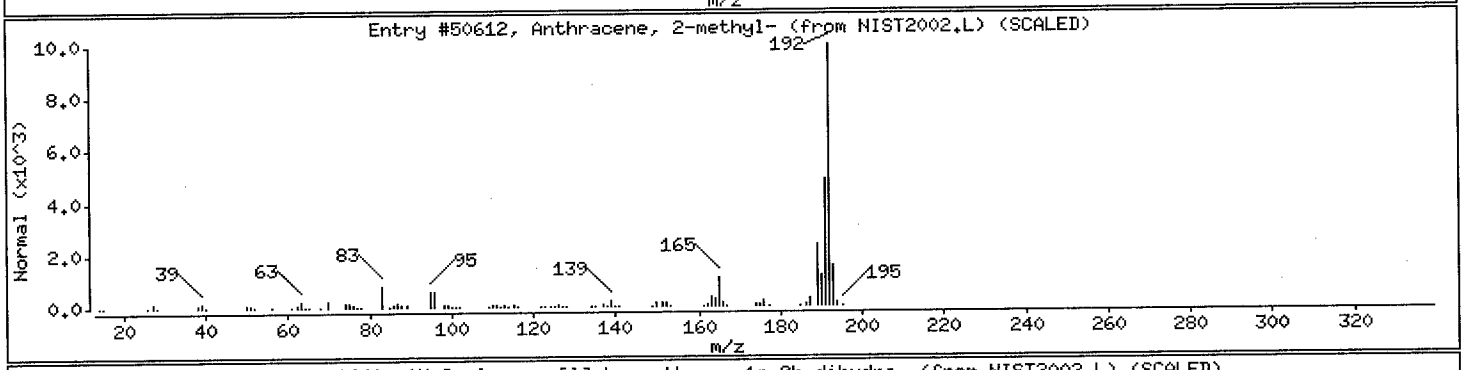
Column phase: DB-5MS

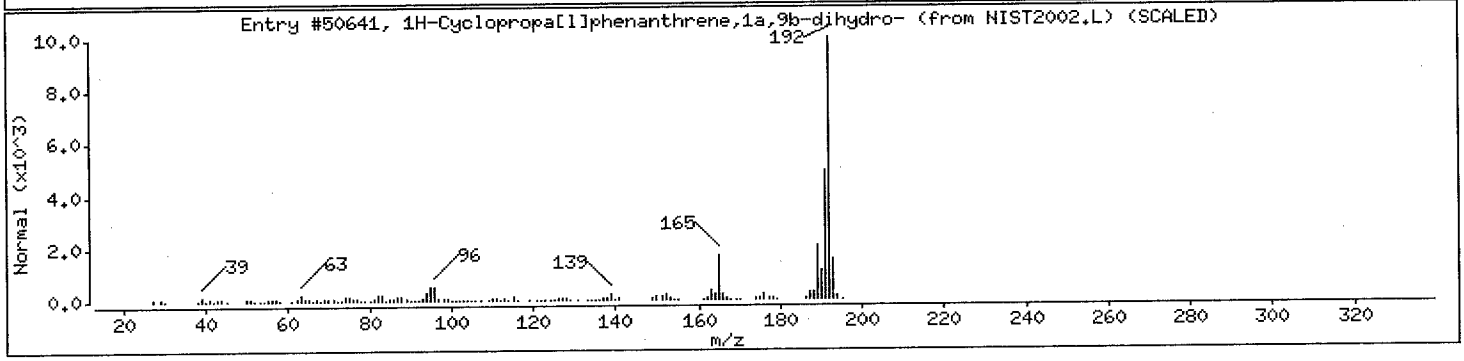
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 1-methyl-	832-69-9	NIST2002.L	50623	97	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST2002.L	50612	96	C15H12	192
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST2002.L	50641	96	C15H12	192









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5209.D

Date : 10-AUG-2007 23:46

Client ID: SB12/D

Instrument: S3.i

Sample Info: F0981-05A,,31231,,

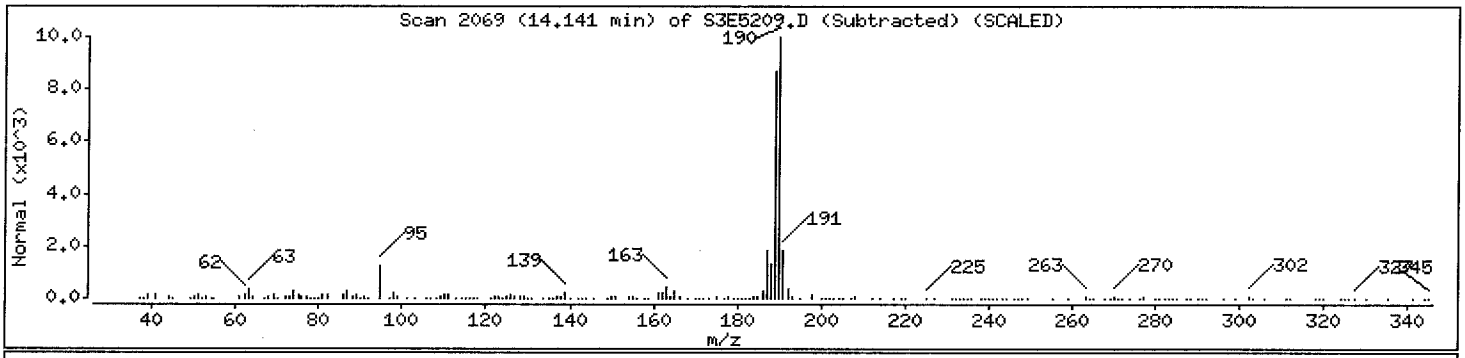
Volume Injected (uL): 2.0

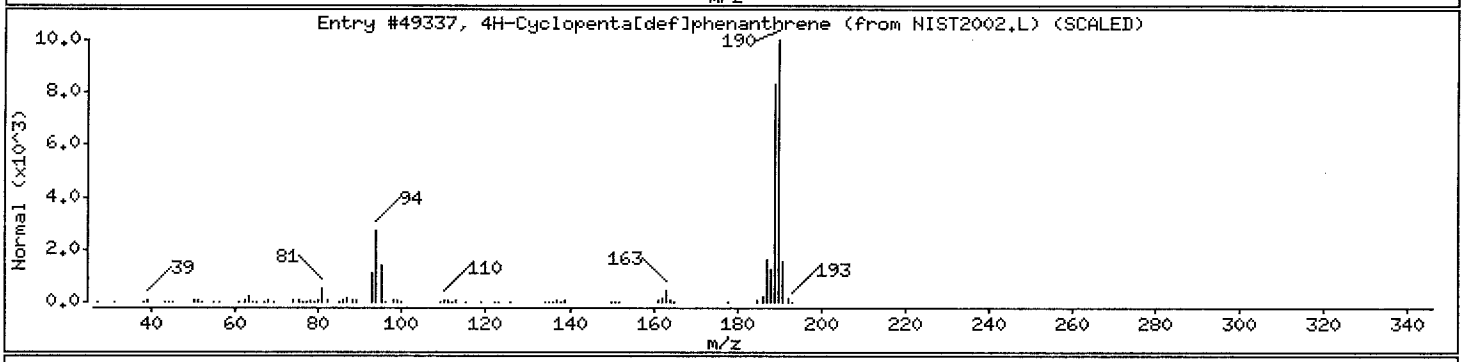
Operator: CLM SRC: LIMS

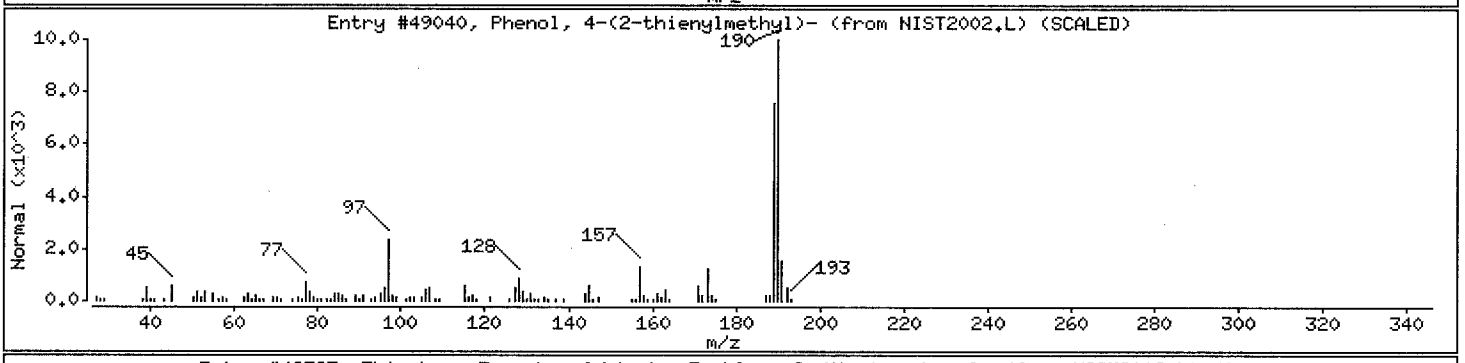
Column phase: DB-5MS

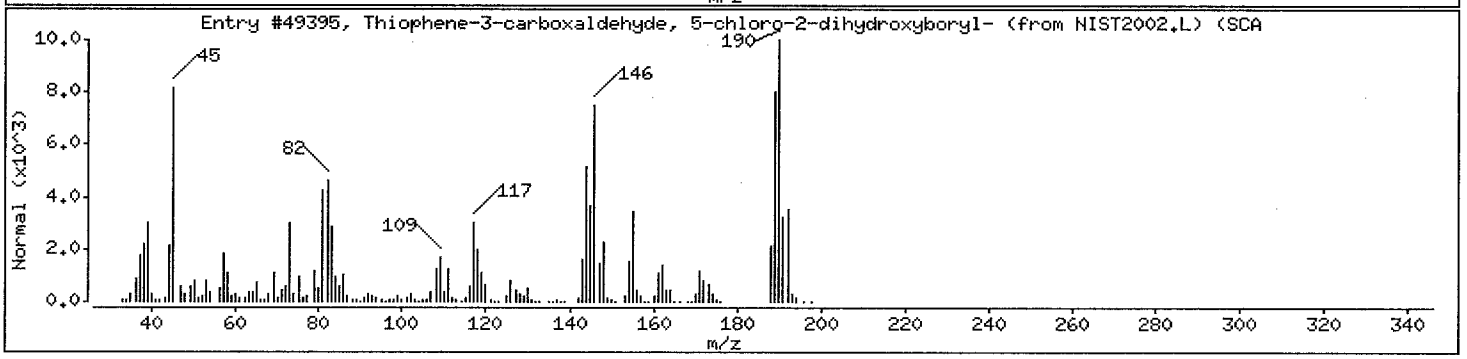
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST2002.L	49337	95	C15H10	190
Phenol, 4-(2-thienylmethyl)-	91680-55-6	NIST2002.L	49040	64	C11H10OS	190
Thiophene-3-carboxaldehyde, 5-chloro-2-d	36155-87-0	NIST2002.L	49395	50	C5H4BClO3S	190









6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: S3 Calibration Date(s): 08/09/07 08/09/07

Calibration Times: 1345 1622

LAB FILE ID: RRF20 = S3E5153 RRF50 = S3E5151
RRF80 = S3E5155 RRF120= S3E5154 RRF160= S3E5152

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD
Benzaldehyde		0.615	0.597	0.608	0.626	0.631	0.615	2.2
Phenol	*	1.680	1.702	1.714	1.779	1.768	1.729	2.5*
bis(2-Chloroethyl)Ether	*	1.325	1.342	1.349	1.409	1.403	1.366	2.8*
2-Chlorophenol	*	1.204	1.242	1.265	1.329	1.337	1.275	4.5*
2-Methylphenol	*	1.167	1.184	1.201	1.262	1.295	1.222	4.4*
2,2'-oxybis(1-Chloropropane)		1.535	1.552	1.551	1.636	1.645	1.584	3.3
Acetophenone		1.784	1.835	1.888	1.970	1.981	1.892	4.5
4-Methylphenol	*	1.240	1.258	1.275	1.353	1.388	1.303	4.9*
N-Nitroso-di-n-propylamine	*	1.058	1.066	1.111	1.184	1.202	1.124	5.9*
Hexachloroethane	*	0.559	0.566	0.582	0.610	0.623	0.588	4.7*
Nitrobenzene	*	0.450	0.454	0.457	0.478	0.463	0.460	2.4*
Isophorone	*	0.691	0.696	0.704	0.723	0.711	0.705	1.8*
2-Nitrophenol	*	0.172	0.180	0.185	0.198	0.201	0.187	6.4*
2,4-Dimethylphenol	*	0.344	0.341	0.340	0.357	0.354	0.347	2.2*
bis(2-Chloroethoxy)methane	*	0.418	0.422	0.425	0.450	0.444	0.432	3.3*
2,4-Dichlorophenol	*	0.287	0.300	0.305	0.325	0.324	0.308	5.4*
Naphthalene	*	0.966	0.969	0.959	0.941	0.833	0.934	6.1*
4-Chloroaniline		0.349	0.369	0.377	0.404	0.398	0.379	5.8
Hexachlorobutadiene		0.227	0.233	0.238	0.252	0.248	0.240	4.4
Caprolactam		0.104	0.105	0.108	0.125	0.129	0.114	10.5
4-Chloro-3-Methylphenol	*	0.292	0.288	0.295	0.314	0.333	0.304	6.2*
2-Methylnaphthalene	*	0.606	0.628	0.639	0.657	0.622	0.630	3.0*
Hexachlorocyclopentadiene		0.312	0.360	0.392	0.434	0.431	0.386	13.3
2,4,6-Trichlorophenol	*	0.401	0.419	0.425	0.453	0.458	0.431	5.6*
2,4,5-Trichlorophenol	*		0.450	0.465	0.499	0.498	0.478	5.1*
1,1'-Biphenyl		1.467	1.490	1.469	1.410	1.238	1.415	7.3
2-Chloronaphthalene	*	1.165	1.208	1.213	1.228	1.149	1.193	2.8*
2-Nitroaniline			0.388	0.395	0.417	0.417	0.404	3.7
Dimethylphthalate		1.236	1.265	1.261	1.275	1.210	1.249	2.1
2,6-Dinitrotoluene	*	0.291	0.305	0.317	0.339	0.351	0.321	7.6*
Acenaphthylene	*	1.693	1.716	1.654	1.580	1.383	1.605	8.4*
3-Nitroaniline			0.230	0.227	0.247	0.252	0.239	5.1
Acenaphthene	*	1.097	1.136	1.128	1.124	1.028	1.103	4.0*
2,4-Dinitrophenol			0.125	0.155	0.186	0.203	0.167	20.5
4-Nitrophenol			0.169	0.173	0.186	0.187	0.179	5.1
Dibenzofuran	*	1.655	1.695	1.627	1.517	1.308	1.560	10.0*

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

0640

6D

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: S3 Calibration Date(s): 08/09/07 08/09/07

Calibration Times: 1345 1622

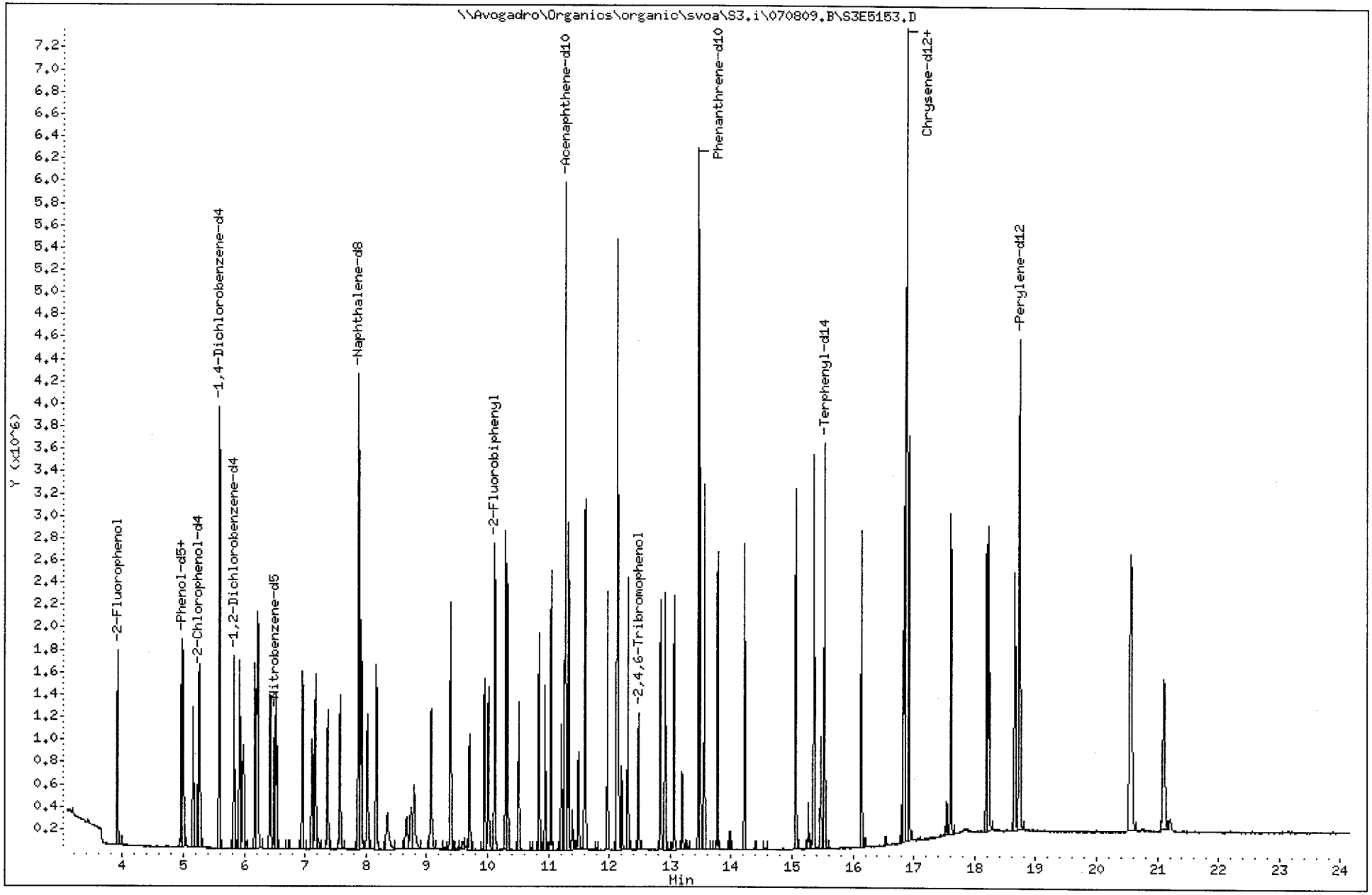
LAB FILE ID: RRF20 = S3E5153 RRF50 = S3E5151
RRF80 = S3E5155 RRF120= S3E5154 RRF160= S3E5152

COMPOUND	RRF20	RRF50	RRF80	RRF120	RRF160	$\overline{RRF}$	% RSD	
2,4-Dinitrotoluene *	0.377	0.408	0.424	0.448	0.434	0.418	6.5*	
Diethylphthalate	1.160	1.195	1.186	1.197	1.096	1.167	3.6	
Fluorene *	1.386	1.430	1.357	1.259	1.094	1.305	10.2*	
4-Chlorophenyl-phenylether *	0.759	0.773	0.761	0.734	0.670	0.739	5.6*	
4-Nitroaniline		0.212	0.209	0.226	0.231	0.220	4.9	
4,6-Dinitro-2-methylphenol		0.135	0.150	0.170	0.175	0.158	11.8	
N-Nitrosodiphenylamine (1)	0.557	0.572	0.574	0.580	0.541	0.565	2.8	
4-Bromophenyl-phenylether *	0.272	0.280	0.283	0.290	0.273	0.280	2.7*	
Hexachlorobenzene *	0.290	0.299	0.299	0.308	0.295	0.298	2.2*	
Atrazine	0.243	0.253	0.259	0.275	0.272	0.260	5.1	
Pentachlorophenol *		0.123	0.134	0.155	0.166	0.145	13.6*	
Phenanthrene *	1.162	1.138	1.056	0.945	0.791	1.018	15.0*	
Anthracene *	1.173	1.148	1.051	0.942	0.800	1.023	15.1*	
Carbazole	0.944	0.931	0.893	0.853	0.735	0.871	9.6	
Di-n-butylphthalate	1.123	1.097	0.995	0.908	0.746	0.974	15.8	
Fluoranthene *	1.215	1.177	1.090	0.974	0.834	1.058	14.7*	
Pyrene *	1.198	1.101	0.961	0.839	0.703	0.960	20.7*	<-
Butylbenzylphthalate	0.434	0.429	0.424	0.419	0.393	0.420	3.8	
3,3'-Dichlorobenzidine	0.327	0.306	0.292	0.282	0.257	0.293	8.9	
Benzo(a)anthracene *	1.186	1.104	0.992	0.887	0.763	0.986	17.1*	
Chrysene *	1.103	1.027	0.913	0.808	0.686	0.907	18.4*	
bis(2-Ethylhexyl)phthalate	0.606	0.608	0.583	0.553	0.475	0.565	9.7	
Di-n-octylphthalate	1.088	1.042	0.937	0.814	0.690	0.914	17.9	
Benzo(b)fluoranthene *	1.216	1.220	1.128	1.048	0.976	1.118	9.5*	
Benzo(k)fluoranthene *	1.308	1.213	1.125	1.023	0.827	1.099	16.8*	
Benzo(a)pyrene *	1.131	1.127	1.061	1.006	0.900	1.045	9.2*	
Indeno(1,2,3-cd)pyrene *	1.349	1.351	1.329	1.329	1.243	1.320	3.4*	
Dibenzo(a,h)anthracene *	1.146	1.183	1.150	1.089	0.983	1.110	7.1*	
Benzo(g,h,i)perylene *	1.157	1.177	1.161	1.177	1.098	1.154	2.8*	
Nitrobenzene-d5 *	0.433	0.435	0.441	0.462	0.457	0.446	2.9*	
2-Fluorobiphenyl *	1.445	1.485	1.457	1.418	1.269	1.415	6.0*	
Terphenyl-d14 *	0.900	0.836	0.752	0.670	0.584	0.748	16.9*	
Phenol-d5 *	1.616	1.651	1.677	1.757	1.773	1.695	4.0*	
2-Fluorophenol *	1.202	1.225	1.233	1.287	1.278	1.245	2.9*	
2,4,6-Tribromophenol	0.123	0.126	0.130	0.137	0.137	0.131	4.8	
2-Chlorophenol-d4 *	1.209	1.229	1.248	1.323	1.343	1.270	4.7*	
1,2-Dichlorobenzene-d4 *	0.889	0.916	0.933	0.986	0.995	0.944	4.8*	

(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.

0641

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5153.D
Date : 09-AUG-2007 15:16
Client ID: SSTD0203M
Instrument: S3.i
Sample Info: SSTD0203M,SSTD0203M
Volume Injected (uL): 2.0
Operator: CLM SRC: CLM
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5153.D
Report Date: 15-Aug-2007 12:52

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5153.D
Lab Smp Id: SSTD0203M Client Smp ID: SSTD0203M
Inj Date : 09-AUG-2007 15:16
Operator : CLM SRC: CLM Inst ID: S3.i
Smp Info : SSTD0203M,SSTD0203M
Misc Info : 1,1
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 12:52 cmosher Quant Type: ISTD
Cal Date : 09-AUG-2007 13:45 Cal File: S3E5151.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLMtolu.sub
Target Version: 4.14
Processing Host: TARGET111

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 1	2-Fluorophenol	112	3.916	3.919	(0.701)	473942	20.0000	19
2	Benzaldehyde	77	4.963	4.966	(0.888)	242568	20.0000	20
$ 3	Phenol-d5	99	4.979	4.982	(0.891)	637416	20.0000	19
4	Phenol	94	4.995	5.004	(0.894)	662710	20.0000	19
5	bis(2-Chloroethyl)Ether	93	5.160	5.164	(0.924)	522593	20.0000	19
$ 6	2-Chlorophenol-d4	132	5.246	5.249	(0.939)	476944	20.0000	19
7	2-Chlorophenol	128	5.267	5.276	(0.943)	474799	20.0000	19
* 8	1,4-Dichlorobenzene-d4	152	5.588	5.591	(1.000)	788794	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	5.828	5.837	(1.043)	350782	20.0000	19
10	2-Methylphenol	108	5.919	5.928	(1.059)	460397	20.0000	19
11	2,2'-oxybis(1-Chloropropane)	45	5.988	5.992	(1.072)	605582	20.0000	19
13	4-Methylphenol	108	6.175	6.184	(1.105)	489027	20.0000	19
14	N-Nitroso-di-n-propylamine	70	6.207	6.216	(1.111)	417082	20.0000	19
12	Acetophenone	105	6.224	6.232	(1.114)	703632	20.0000	19
15	Hexachloroethane	117	6.421	6.430	(1.149)	220324	20.0000	19
$ 16	Nitrobenzene-d5	82	6.496	6.499	(0.825)	620854	20.0000	19
17	Nitrobenzene	77	6.528	6.537	(0.829)	644824	20.0000	20
18	Isophorone	82	6.955	6.964	(0.883)	990442	20.0000	20
19	2-Nitrophenol	139	7.116	7.119	(0.904)	246800	20.0000	18
20	2,4-Dimethylphenol	107	7.169	7.173	(0.910)	492889	20.0000	20

Data File: S3E5153.D
Report Date: 15-Aug-2007 12:52

			QUANT SIG					AMOUNTS CAL-AMT	AMOUNTS ON-COL	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)	
	21	bis(2-Chloroethoxy)methane	93	7.367	7.376	(0.936)	598513	20.0000	19	
	22	2,4-Dichlorophenol	162	7.575	7.579	(0.962)	410975	20.0000	19	
*	23	Naphthalene-d8	136	7.874	7.883	(1.000)	2865673	40.0000		
	24	Naphthalene	128	7.917	7.926	(1.005)	1384517	20.0000	21	
	25	4-Chloroaniline	127	8.024	8.027	(1.019)	500773	20.0000	18	
	26	Hexachlorobutadiene	225	8.168	8.172	(1.037)	325250	20.0000	19	
	100	m-Toluic Acid	91	8.360	8.407	(1.062)	151838	20.0000	13	
	102	p-Toluic Acid	91	8.670	8.754	(1.101)	219313	20.0000	11(H)	
	27	Caprolactam	113	8.740	8.775	(1.110)	148689	20.0000	18	
	101	o-Toluic Acid	91	8.798	8.893	(1.117)	257550	20.0000	15	
	28	4-Chloro-3-Methylphenol	107	9.071	9.085	(1.152)	418969	20.0000	19	
	29	2-Methylnaphthalene	142	9.391	9.400	(1.193)	868850	20.0000	19	
	30	Hexachlorocyclopentadiene	237	9.701	9.710	(0.860)	249961	20.0000	16	
	31	2,4,6-Trichlorophenol	196	9.947	9.956	(0.882)	321547	20.0000	19	
	32	2,4,5-Trichlorophenol	196	10.011	10.020	(0.888)	347471	20.0000	18(a)	
$	33	2-Fluorobiphenyl	172	10.118	10.127	(0.897)	1159756	20.0000	20	
	34	1,1'-Biphenyl	154	10.300	10.308	(0.913)	1177393	20.0000	21	
	35	2-Chloronaphthalene	162	10.326	10.335	(0.916)	935111	20.0000	20	
	36	2-Nitroaniline	65	10.513	10.522	(0.932)	308370	20.0000	19(a)	
	37	Dimethylphthalate	163	10.850	10.859	(0.962)	991452	20.0000	20	
	38	2,6-Dinitrotoluene	165	10.946	10.955	(0.971)	233501	20.0000	18	
	39	Acenaphthylene	152	11.042	11.051	(0.979)	1358715	20.0000	21	
	40	3-Nitroaniline	138	11.213	11.222	(0.994)	184817	20.0000	19(a)	
*	41	Acenaphthene-d10	164	11.277	11.281	(1.000)	1604818	40.0000		
	42	Acenaphthene	153	11.331	11.334	(1.005)	880638	20.0000	20	
	43	2,4-Dinitrophenol	184	11.389	11.398	(1.010)	65927	20.0000	10(a)	
	44	4-Nitrophenol	109	11.491	11.500	(1.019)	130969	20.0000	18(a)	
	46	2,4-Dinitrotoluene	165	11.592	11.601	(1.028)	302213	20.0000	18	
	45	Dibenzofuran	168	11.603	11.612	(1.029)	1327621	20.0000	21	
	47	Diethylphthalate	149	11.972	11.980	(1.062)	930858	20.0000	20	
	48	Fluorene	166	12.127	12.135	(1.075)	1111992	20.0000	21	
	49	4-Chlorophenyl-phenylether	204	12.137	12.141	(1.076)	608757	20.0000	21	
	50	4-Nitroaniline	138	12.153	12.162	(1.078)	168331	20.0000	19(a)	
	51	4,6-Dinitro-2-methylphenol	198	12.207	12.216	(0.907)	142504	20.0000	14(a)	
	52	N-Nitrosodiphenylamine	169	12.308	12.312	(0.914)	742378	20.0000	20	
$	53	2,4,6-Tribromophenol	330	12.479	12.488	(0.927)	163872	20.0000	19	
	54	4-Bromophenyl-phenylether	248	12.842	12.846	(0.954)	362460	20.0000	19	
	55	Hexachlorobenzene	284	12.917	12.921	(0.960)	385736	20.0000	19	
	56	Atrazine	200	13.061	13.070	(0.970)	323698	20.0000	19	
	57	Pentachlorophenol	266	13.195	13.198	(0.980)	113227	20.0000	12(a)	
*	58	Phenanthrene-d10	188	13.462	13.466	(1.000)	2664342	40.0000		
	59	Phenanthrene	178	13.494	13.498	(1.002)	1548344	20.0000	23	
	60	Anthracene	178	13.564	13.567	(1.008)	1562547	20.0000	23	
	61	Carbazole	167	13.777	13.781	(1.023)	1257941	20.0000	22	
	63	Fluoranthene	202	15.065	15.068	(1.119)	1618839	20.0000	23	
	64	Pyrene	202	15.359	15.362	(0.910)	1709907	20.0000	25	
$	65	Terphenyl-d14	244	15.535	15.538	(0.920)	1284744	20.0000	24	
	62	Di-n-butylphthalate	149	14.215	14.219	(1.056)	1496599	20.0000	23	
	66	Butylbenzylphthalate	149	16.139	16.142	(0.956)	619577	20.0000	21	
	67	3,3'-Dichlorobenzidine	252	16.817	16.820	(0.996)	466322	20.0000	22	
	71	bis(2-Ethylhexyl)phthalate	149	16.838	16.836	(0.997)	864546	20.0000	21	
	68	Benzo(a)anthracene	228	16.870	16.874	(0.999)	1691863	20.0000	24	
*	69	Chrysene-d12	240	16.886	16.890	(1.000)	2854134	40.0000		
	70	Chrysene	228	16.918	16.922	(1.002)	1574106	20.0000	24	

Data File: S3E5153.D
Report Date: 15-Aug-2007 12:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
72	Di-n-octylphthalate	149	17.608	17.611	(0.940)	1400692	20.0000	24
73	Benzo(b)fluoranthene	252	18.195	18.199	(0.971)	1564829	20.0000	22
74	Benzo(k)fluoranthene	252	18.233	18.241	(0.973)	1683796	20.0000	24
75	Benzo(a)pyrene	252	18.655	18.663	(0.995)	1455241	20.0000	22
* 76	Perylene-d12	264	18.740	18.744	(1.000)	2574154	40.0000	
77	Indeno(1,2,3-cd)pyrene	276	20.556	20.571	(1.097)	1735904	20.0000	20
78	Dibenzo(a,h)anthracene	278	20.572	20.587	(1.098)	1475208	20.0000	21
79	Benzo(g,h,i)perylene	276	21.107	21.126	(1.126)	1489646	20.0000	20

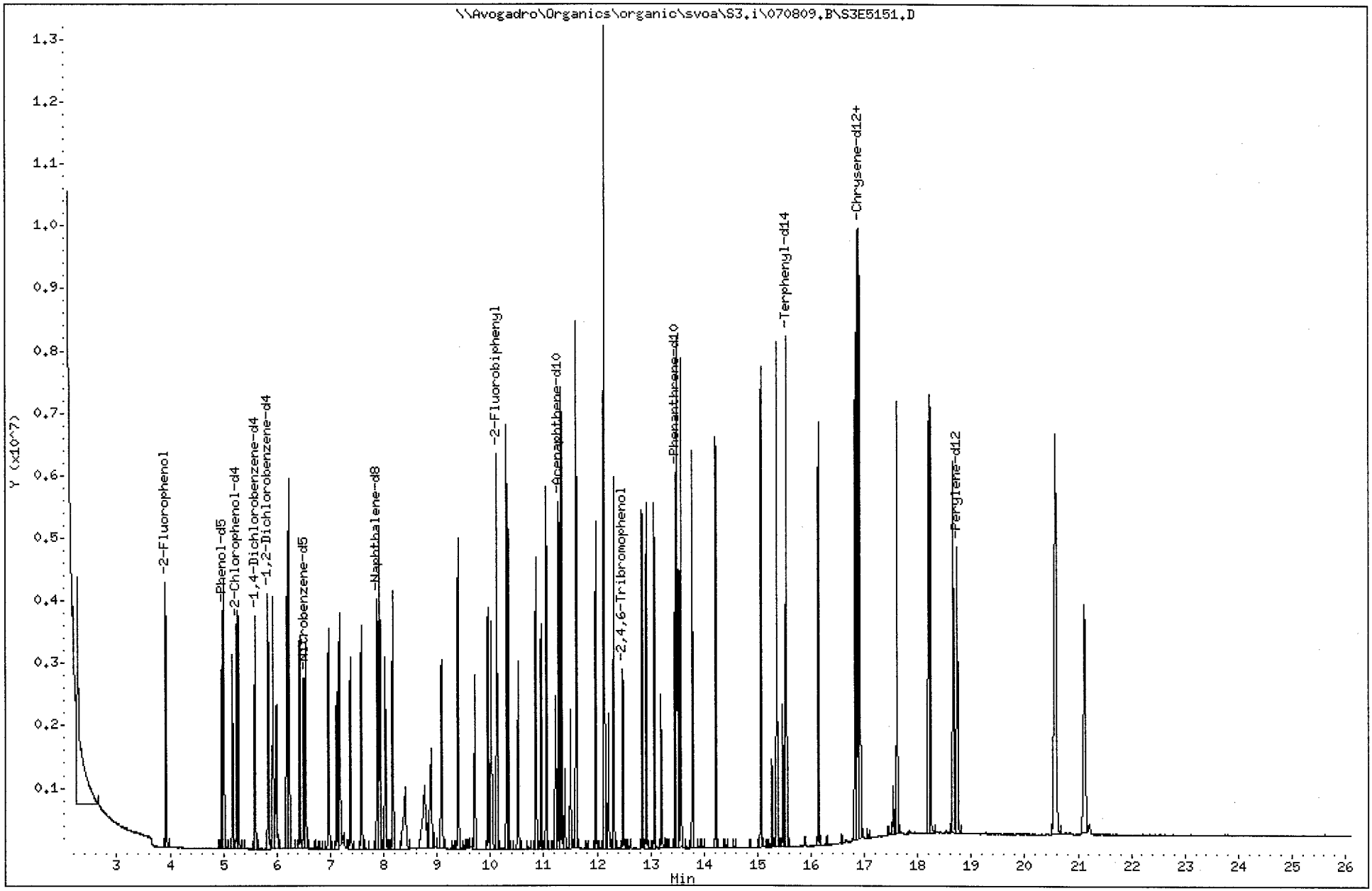
QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
H - Operator selected an alternate compound hit.

8/15/07

8/15/07 SW

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5151.D
Date : 09-AUG-2007 13:45
Client ID: SSTD0503M
Instrument: S3.i
Sample Info: SSTD0503M,SSTD0503M
Volume Injected (uL): 2.0
Operator: CLM SRC: CLM
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5151.D
Report Date: 15-Aug-2007 12:52

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5151.D
Lab Smp Id: SSTD0503M Client Smp ID: SSTD0503M
Inj Date : 09-AUG-2007 13:45
Operator : CLM SRC: CLM Inst ID: S3.i
Smp Info : SSTD0503M,SSTD0503M
Misc Info : 2,2
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 12:52 cmosher Quant Type: ISTD
Cal Date : 09-AUG-2007 13:45 Cal File: S3E5151.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLMtolu.sub
Target Version: 4.14
Processing Host: TARGET111

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1 2-Fluorophenol	112	3.919	3.919	(0.701)	1164988	50.0000	49
	2 Benzaldehyde	77	4.966	4.966	(0.888)	567478	50.0000	49
$	3 Phenol-d5	99	4.982	4.982	(0.891)	1569803	50.0000	49
	4 Phenol	94	5.004	5.004	(0.895)	1618195	50.0000	49
	5 bis(2-Chloroethyl)Ether	93	5.164	5.164	(0.924)	1275428	50.0000	49
$	6 2-Chlorophenol-d4	132	5.249	5.249	(0.939)	1168785	50.0000	48
	7 2-Chlorophenol	128	5.276	5.276	(0.944)	1181008	50.0000	49
*	8 1,4-Dichlorobenzene-d4	152	5.591	5.591	(1.000)	760504	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.837	5.837	(1.044)	871243	50.0000	49
	10 2-Methylphenol	108	5.928	5.928	(1.060)	1126007	50.0000	48
	11 2,2'-oxybis(1-Chloropropane)	45	5.992	5.992	(1.072)	1475426	50.0000	49
	13 4-Methylphenol	108	6.184	6.184	(1.106)	1196172	50.0000	48
	14 N-Nitroso-di-n-propylamine	70	6.216	6.216	(1.112)	1013650	50.0000	47
	12 Acetophenone	105	6.232	6.232	(1.115)	1744816	50.0000	49
	15 Hexachloroethane	117	6.430	6.430	(1.150)	537657	50.0000	48
$	16 Nitrobenzene-d5	82	6.499	6.499	(0.824)	1490519	50.0000	49
	17 Nitrobenzene	77	6.537	6.537	(0.829)	1555943	50.0000	49
	18 Isophorone	82	6.964	6.964	(0.883)	2386133	50.0000	49
	19 2-Nitrophenol	139	7.119	7.119	(0.903)	617462	50.0000	48
	20 2,4-Dimethylphenol	107	7.173	7.173	(0.910)	1168652	50.0000	49

Data File: S3E5151.D
Report Date: 15-Aug-2007 12:52

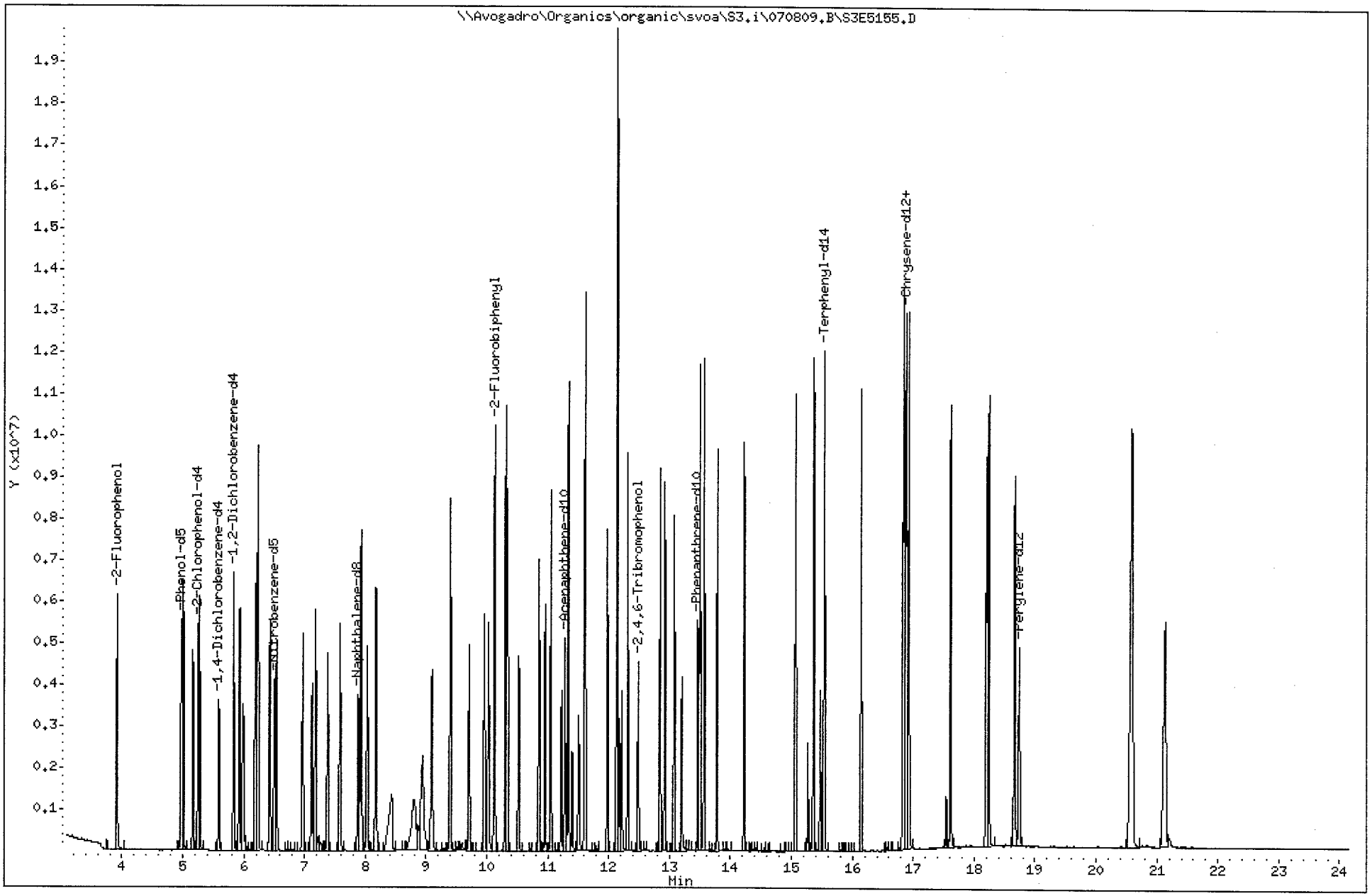
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	21 bis(2-Chloroethoxy)methane	93	7.376	7.376	(0.936)	1447389	50.0000	49
	22 2,4-Dichlorophenol	162	7.579	7.579	(0.961)	1026763	50.0000	49
*	23 Naphthalene-d8	136	7.883	7.883	(1.000)	2742510	40.0000	
	24 Naphthalene	128	7.926	7.926	(1.005)	3321588	50.0000	52
	25 4-Chloroaniline	127	8.027	8.027	(1.018)	1266270	50.0000	49
	26 Hexachlorobutadiene	225	8.172	8.172	(1.037)	798554	50.0000	49
	100 m-Toluic Acid	91	8.407	8.407	(1.066)	547414	50.0000	48
	102 p-Toluic Acid	91	8.754	8.754	(1.110)	841052	50.0000	43
	27 Caprolactam	113	8.775	8.775	(1.113)	359664	50.0000	46
	101 o-Toluic Acid	91	8.893	8.893	(1.128)	882754	50.0000	53
	28 4-Chloro-3-Methylphenol	107	9.085	9.085	(1.152)	987362	50.0000	47
	29 2-Methylnaphthalene	142	9.400	9.400	(1.192)	2153993	50.0000	50
	30 Hexachlorocyclopentadiene	237	9.710	9.710	(0.861)	692488	50.0000	47
	31 2,4,6-Trichlorophenol	196	9.956	9.956	(0.883)	806164	50.0000	49
	32 2,4,5-Trichlorophenol	196	10.020	10.020	(0.888)	865011	50.0000	47
$	33 2-Fluorobiphenyl	172	10.127	10.127	(0.898)	2853019	50.0000	52
	34 1,1'-Biphenyl	154	10.308	10.308	(0.914)	2864161	50.0000	53
	35 2-Chloronaphthalene	162	10.335	10.335	(0.916)	2321023	50.0000	51
	36 2-Nitroaniline	65	10.522	10.522	(0.933)	746376	50.0000	48
	37 Dimethylphthalate	163	10.859	10.859	(0.963)	2431701	50.0000	51
	38 2,6-Dinitrotoluene	165	10.955	10.955	(0.971)	586323	50.0000	48
	39 Acenaphthylene	152	11.051	11.051	(0.980)	3297498	50.0000	53
	40 3-Nitroaniline	138	11.222	11.222	(0.995)	441394	50.0000	48
*	41 Acenaphthene-d10	164	11.281	11.281	(1.000)	1537391	40.0000	
	42 Acenaphthene	153	11.334	11.334	(1.005)	2183216	50.0000	52
	43 2,4-Dinitrophenol	184	11.398	11.398	(1.010)	240087	50.0000	37
	44 4-Nitrophenol	109	11.500	11.500	(1.019)	324614	50.0000	47
	46 2,4-Dinitrotoluene	165	11.601	11.601	(1.028)	783958	50.0000	49
	45 Dibenzofuran	168	11.612	11.612	(1.029)	3257503	50.0000	54
	47 Diethylphthalate	149	11.980	11.980	(1.062)	2296302	50.0000	51
	48 Fluorene	166	12.135	12.135	(1.076)	2748205	50.0000	55
	49 4-Chlorophenyl-phenylether	204	12.141	12.141	(1.076)	1485428	50.0000	52
	50 4-Nitroaniline	138	12.162	12.162	(1.078)	407210	50.0000	48
	51 4,6-Dinitro-2-methylphenol	198	12.216	12.216	(0.907)	433446	50.0000	43
	52 N-Nitrosodiphenylamine	169	12.312	12.312	(0.914)	1836687	50.0000	51
$	53 2,4,6-Tribromophenol	330	12.488	12.488	(0.927)	404948	50.0000	48
	54 4-Bromophenyl-phenylether	248	12.846	12.846	(0.954)	901272	50.0000	50
	55 Hexachlorobenzene	284	12.921	12.921	(0.960)	961666	50.0000	50
	56 Atrazine	200	13.070	13.070	(0.971)	814106	50.0000	49
	57 Pentachlorophenol	266	13.198	13.198	(0.980)	394553	50.0000	42
*	58 Phenanthrene-d10	188	13.466	13.466	(1.000)	2570667	40.0000	
	59 Phenanthrene	178	13.498	13.498	(1.002)	3657383	50.0000	56
	60 Anthracene	178	13.567	13.567	(1.008)	3689343	50.0000	56
	61 Carbazole	167	13.781	13.781	(1.023)	2990914	50.0000	53
	63 Fluoranthene	202	15.068	15.068	(1.119)	3780508	50.0000	56
	64 Pyrene	202	15.362	15.362	(0.910)	4013661	50.0000	57
$	65 Terphenyl-d14	244	15.538	15.538	(0.920)	3048837	50.0000	56
	62 Di-n-butylphthalate	149	14.219	14.219	(1.056)	3525784	50.0000	56
	66 Butylbenzylphthalate	149	16.142	16.142	(0.956)	1565213	50.0000	51
	67 3,3'-Dichlorobenzidine	252	16.820	16.820	(0.996)	1113989	50.0000	52
	71 bis(2-Ethylhexyl)phthalate	149	16.836	16.836	(0.997)	2215868	50.0000	54
	68 Benzo(a)anthracene	228	16.874	16.874	(0.999)	4024075	50.0000	56
*	69 Chrysene-d12	240	16.890	16.890	(1.000)	2916220	40.0000	
	70 Chrysene	228	16.922	16.922	(1.002)	3744202	50.0000	57

Data File: S3E5151.D
Report Date: 15-Aug-2007 12:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
72	Di-n-octylphthalate	149	17.611	17.611	(0.940)	3520510	50.0000	57
73	Benzo(b)fluoranthene	252	18.199	18.199	(0.971)	4120722	50.0000	55
74	Benzo(k)fluoranthene	252	18.241	18.241	(0.973)	4096358	50.0000	55
75	Benzo(a)pyrene	252	18.663	18.663	(0.996)	3808197	50.0000	54
* 76	Perylene-d12	264	18.744	18.744	(1.000)	2702681	40.0000	
77	Indeno(1,2,3-cd)pyrene	276	20.571	20.571	(1.097)	4565171	50.0000	51
78	Dibenzo(a,h)anthracene	278	20.587	20.587	(1.098)	3998155	50.0000	53
79	Benzo(g,h,i)perylene	276	21.126	21.126	(1.127)	3975437	50.0000	51

8/15/07
8/15/07
SW

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5155.D
Date : 09-AUG-2007 16:22
Client ID: SSTD0803M
Instrument: S3.i
Sample Info: SSTD0803M,SSTD0803M
Volume Injected (uL): 2.0
Operator: CLM SRC: CLM
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5155.D
Report Date: 15-Aug-2007 12:52

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5155.D
Lab Smp Id: SSTD0803M Client Smp ID: SSTD0803M
Inj Date : 09-AUG-2007 16:22
Operator : CLM SRC: CLM Inst ID: S3.i
Smp Info : SSTD0803M,SSTD0803M
Misc Info : 1,3
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 12:52 cmosher Quant Type: ISTD
Cal Date : 09-AUG-2007 13:45 Cal File: S3E5151.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLMtolu.sub
Target Version: 4.14
Processing Host: TARGET111

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 1	2-Fluorophenol	112	3.920	3.919	(0.702)	1792648	80.0000	79
2	Benzaldehyde	77	4.967	4.966	(0.889)	882964	80.0000	79
$ 3	Phenol-d5	99	4.983	4.982	(0.892)	2437709	80.0000	79
4	Phenol	94	5.005	5.004	(0.896)	2491200	80.0000	79
5	bis(2-Chloroethyl)Ether	93	5.165	5.164	(0.924)	1961034	80.0000	79
$ 6	2-Chlorophenol-d4	132	5.250	5.249	(0.940)	1813233	80.0000	79
7	2-Chlorophenol	128	5.272	5.276	(0.944)	1838449	80.0000	79
* 8	1,4-Dichlorobenzene-d4	152	5.587	5.591	(1.000)	726686	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	5.833	5.837	(1.044)	1355313	80.0000	79
10	2-Methylphenol	108	5.929	5.928	(1.061)	1744798	80.0000	79
11	2,2'-oxybis(1-Chloropropane)	45	5.988	5.992	(1.072)	2253678	80.0000	78
13	4-Methylphenol	108	6.191	6.184	(1.108)	1852710	80.0000	78
14	N-Nitroso-di-n-propylamine	70	6.223	6.216	(1.114)	1615002	80.0000	79
12	Acetophenone	105	6.233	6.232	(1.116)	2744619	80.0000	80
15	Hexachloroethane	117	6.426	6.430	(1.150)	845694	80.0000	79
$ 16	Nitrobenzene-d5	82	6.506	6.499	(0.826)	2323046	80.0000	79
17	Nitrobenzene	77	6.538	6.537	(0.830)	2404093	80.0000	79
18	Isophorone	82	6.971	6.964	(0.885)	3709058	80.0000	80
19	2-Nitrophenol	139	7.120	7.119	(0.904)	974934	80.0000	79
20	2,4-Dimethylphenol	107	7.174	7.173	(0.911)	1791694	80.0000	78

Data File: S3E5155.D
Report Date: 15-Aug-2007 12:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	21 bis(2-Chloroethoxy)methane	93	7.377	7.376	(0.936)	2239580	80.0000	79
	22 2,4-Dichlorophenol	162	7.580	7.579	(0.962)	1603437	80.0000	79
*	23 Naphthalene-d8	136	7.879	7.883	(1.000)	2632512	40.0000	
	24 Naphthalene	128	7.927	7.926	(1.006)	5051335	80.0000	82
	25 4-Chloroaniline	127	8.028	8.027	(1.019)	1986822	80.0000	80
	26 Hexachlorobutadiene	225	8.173	8.172	(1.037)	1250665	80.0000	79
	100 m-Toluic Acid	91	8.434	8.407	(1.071)	904918	80.0000	82
	102 p-Toluic Acid	91	8.803	8.754	(1.117)	1543872	80.0000	82
	27 Caprolactam	113	8.947	8.775	(1.136)	570364	80.0000	76
	101 o-Toluic Acid	91	8.947	8.893	(1.136)	1324974	80.0000	83
	28 4-Chloro-3-Methylphenol	107	9.091	9.085	(1.154)	1551435	80.0000	77
	29 2-Methylnaphthalene	142	9.396	9.400	(1.193)	3364477	80.0000	81
	30 Hexachlorocyclopentadiene	237	9.706	9.710	(0.860)	1169313	80.0000	81
	31 2,4,6-Trichlorophenol	196	9.957	9.956	(0.883)	1267288	80.0000	79
	32 2,4,5-Trichlorophenol	196	10.021	10.020	(0.888)	1387774	80.0000	78
$	33 2-Fluorobiphenyl	172	10.122	10.127	(0.897)	4345997	80.0000	82
	34 1,1'-Biphenyl	154	10.309	10.308	(0.914)	4380112	80.0000	83
	35 2-Chloronaphthalene	162	10.336	10.335	(0.916)	3618056	80.0000	81
	36 2-Nitroaniline	65	10.523	10.522	(0.933)	1176587	80.0000	78
	37 Dimethylphthalate	163	10.854	10.859	(0.962)	3761449	80.0000	81
	38 2,6-Dinitrotoluene	165	10.956	10.955	(0.971)	944330	80.0000	79
	39 Acenaphthylene	152	11.047	11.051	(0.979)	4932307	80.0000	82
	40 3-Nitroaniline	138	11.223	11.222	(0.995)	678174	80.0000	76
*	41 Acenaphthene-d10	164	11.282	11.281	(1.000)	1491203	40.0000	
	42 Acenaphthene	153	11.335	11.334	(1.005)	3364339	80.0000	82
	43 2,4-Dinitrophenol	184	11.399	11.398	(1.010)	463501	80.0000	74
	44 4-Nitrophenol	109	11.506	11.500	(1.020)	517345	80.0000	78
	46 2,4-Dinitrotoluene	165	11.602	11.601	(1.028)	1264041	80.0000	81
	45 Dibenzofuran	168	11.613	11.612	(1.029)	4851987	80.0000	83
	47 Diethylphthalate	149	11.976	11.980	(1.062)	3535864	80.0000	81
	48 Fluorene	166	12.131	12.135	(1.075)	4047813	80.0000	83
	49 4-Chlorophenyl-phenylether	204	12.136	12.141	(1.076)	2269336	80.0000	82
	50 4-Nitroaniline	138	12.168	12.162	(1.079)	623245	80.0000	76
	51 4,6-Dinitro-2-methylphenol	198	12.217	12.216	(0.908)	756321	80.0000	76
	52 N-Nitrosodiphenylamine	169	12.313	12.312	(0.915)	2892623	80.0000	81
$	53 2,4,6-Tribromophenol	330	12.484	12.488	(0.927)	654098	80.0000	80
	54 4-Bromophenyl-phenylether	248	12.842	12.846	(0.954)	1426117	80.0000	81
	55 Hexachlorobenzene	284	12.922	12.921	(0.960)	1505346	80.0000	80
	56 Atrazine	200	13.077	13.070	(0.971)	1304252	80.0000	80
	57 Pentachlorophenol	266	13.194	13.198	(0.980)	676328	80.0000	74
*	58 Phenanthrene-d10	188	13.461	13.466	(1.000)	2518715	40.0000	
	59 Phenanthrene	178	13.499	13.498	(1.003)	5319505	80.0000	83
	60 Anthracene	178	13.568	13.567	(1.008)	5296403	80.0000	82
	61 Carbazole	167	13.782	13.781	(1.024)	4499309	80.0000	82
	63 Fluoranthene	202	15.069	15.068	(1.119)	5489436	80.0000	82
	64 Pyrene	202	15.363	15.362	(0.910)	5736108	80.0000	80
$	65 Terphenyl-d14	244	15.539	15.538	(0.920)	4489407	80.0000	80
	62 Di-n-butylphthalate	149	14.220	14.219	(1.056)	5012015	80.0000	82
	66 Butylbenzylphthalate	149	16.143	16.142	(0.956)	2528130	80.0000	81
	67 3,3'-Dichlorobenzidine	252	16.821	16.820	(0.996)	1744195	80.0000	80
	71 bis(2-Ethylhexyl)phthalate	149	16.837	16.836	(0.997)	3477133	80.0000	83
	68 Benzo(a)anthracene	228	16.875	16.874	(0.999)	5920024	80.0000	80
*	69 Chrysene-d12	240	16.891	16.890	(1.000)	2984325	40.0000	
	70 Chrysene	228	16.923	16.922	(1.002)	5446413	80.0000	80

Data File: S3E5155.D
Report Date: 15-Aug-2007 12:52

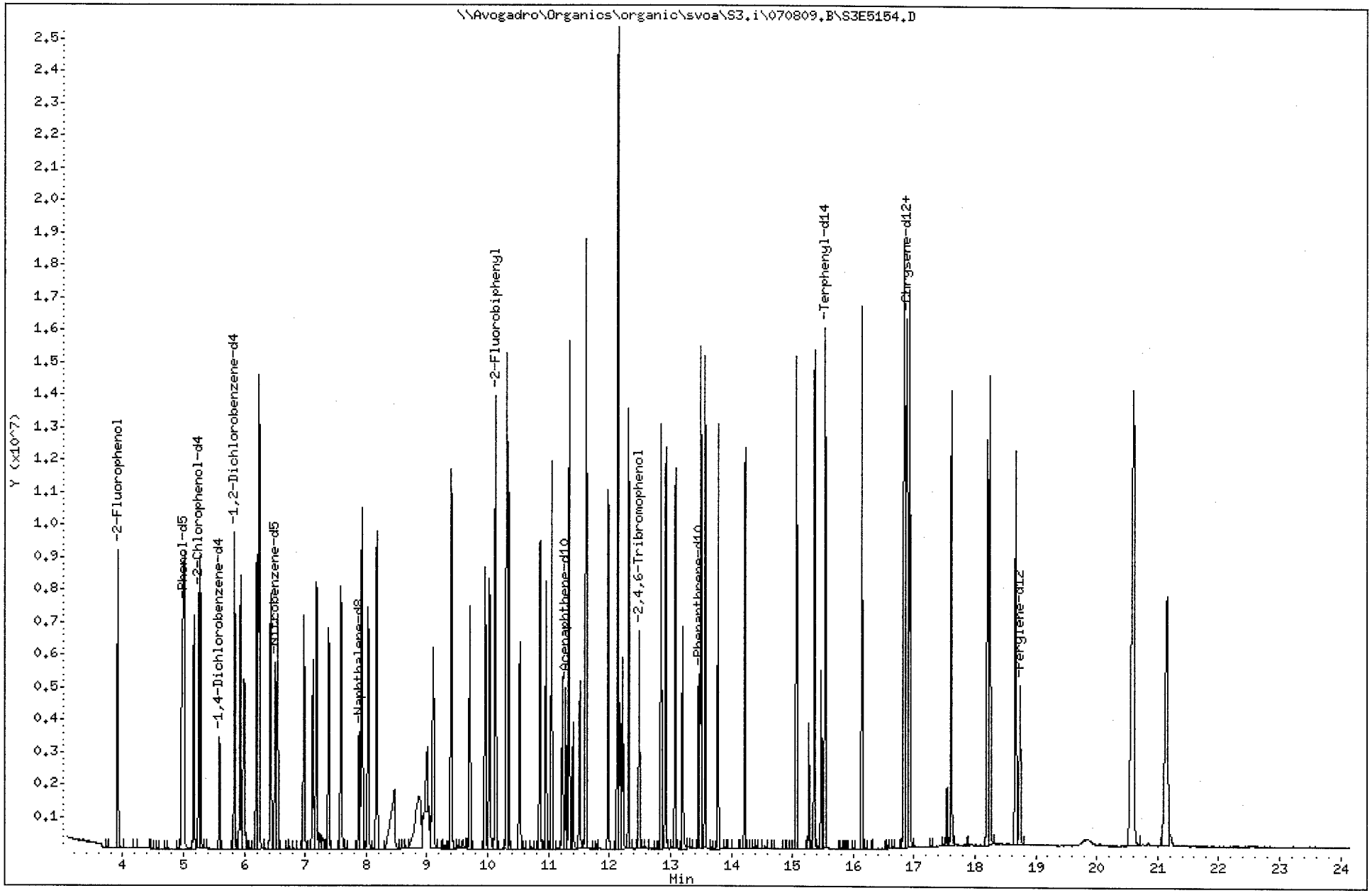
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
72	Di-n-octylphthalate	149	17.612	17.611	(0.940)	5164832	80.0000	82
73	Benzo(b)fluoranthene	252	18.205	18.199	(0.971)	6213832	80.0000	81
74	Benzo(k)fluoranthene	252	18.242	18.241	(0.973)	6198260	80.0000	82
75	Benzo(a)pyrene	252	18.670	18.663	(0.996)	5848751	80.0000	81
* 76	Perylene-d12	264	18.739	18.744	(1.000)	2755544	40.0000	
77	Indeno(1,2,3-cd)pyrene	276	20.577	20.571	(1.098)	7324896	80.0000	81
78	Dibenzo(a,h)anthracene	278	20.593	20.587	(1.099)	6336746	80.0000	83
79	Benzo(g,h,i)perylene	276	21.133	21.126	(1.128)	6397796	80.0000	80

SW 8/15/07

8/15/07

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5154.D
Date : 09-AUG-2007 15:49
Client ID: SSTD1203M
Sample Info: SSTD1203M,SSTD1203M
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: CLM
Column diameter: 0.25



Data File: S3E5154.D
Report Date: 15-Aug-2007 12:52

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5154.D
Lab Smp Id: SSTD1203M Client Smp ID: SSTD1203M
Inj Date : 09-AUG-2007 15:49
Operator : CLM SRC: CLM Inst ID: S3.i
Smp Info : SSTD1203M,SSTD1203M
Misc Info : 1,4
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 12:52 cmosher Quant Type: ISTD
Cal Date : 09-AUG-2007 13:45 Cal File: S3E5151.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLMtolu.sub
Target Version: 4.14
Processing Host: TARGET111

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 1	2-Fluorophenol	112	3.920	3.919	(0.702)	2666250	120.000	120
2	Benzaldehyde	77	4.967	4.966	(0.889)	1296852	120.000	120
$ 3	Phenol-d5	99	4.988	4.982	(0.893)	3639738	120.000	120
4	Phenol	94	5.009	5.004	(0.897)	3684982	120.000	120
5	bis(2-Chloroethyl)Ether	93	5.170	5.164	(0.925)	2917575	120.000	120
$ 6	2-Chlorophenol-d4	132	5.250	5.249	(0.940)	2740113	120.000	120
7	2-Chlorophenol	128	5.277	5.276	(0.945)	2753097	120.000	130
* 8	1,4-Dichlorobenzene-d4	152	5.586	5.591	(1.000)	690417	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	5.832	5.837	(1.044)	2041999	120.000	130
10	2-Methylphenol	108	5.934	5.928	(1.062)	2613850	120.000	120
11	2,2'-oxybis(1-Chloropropane)	45	5.992	5.992	(1.073)	3389425	120.000	120
13	4-Methylphenol	108	6.201	6.184	(1.110)	2802924	120.000	120
14	N-Nitroso-di-n-propylamine	70	6.233	6.216	(1.116)	2452520	120.000	130
12	Acetophenone	105	6.238	6.232	(1.117)	4081233	120.000	120
15	Hexachloroethane	117	6.425	6.430	(1.150)	1263606	120.000	120
$ 16	Nitrobenzene-d5	82	6.511	6.499	(0.826)	3459846	120.000	120
17	Nitrobenzene	77	6.543	6.537	(0.830)	3584989	120.000	120
18	Isophorone	82	6.975	6.964	(0.885)	5420244	120.000	120
19	2-Nitrophenol	139	7.125	7.119	(0.904)	1483075	120.000	130
20	2,4-Dimethylphenol	107	7.178	7.173	(0.911)	2676188	120.000	120

Data File: S3E5154.D
Report Date: 15-Aug-2007 12:52

		QUANT SIG					AMOUNTS	
							CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	21 bis(2-Chloroethoxy)methane	93	7.381	7.376	(0.936)	3370553	120.000	120
	22 2,4-Dichlorophenol	162	7.584	7.579	(0.962)	2439455	120.000	130
*	23 Naphthalene-d8	136	7.884	7.883	(1.000)	2498736	40.0000	
	24 Naphthalene	128	7.932	7.926	(1.006)	7050544	120.000	120
	25 4-Chloroaniline	127	8.033	8.027	(1.019)	3026351	120.000	130
	26 Hexachlorobutadiene	225	8.172	8.172	(1.037)	1890511	120.000	130
	100 m-Toluic Acid	91	8.471	8.407	(1.075)	1459190	120.000	140
	102 p-Toluic Acid	91	8.872	8.754	(1.125)	2703494	120.000	150(H)
	27 Caprolactam	113	8.989	8.775	(1.140)	934550	120.000	130
	101 o-Toluic Acid	91	9.000	8.893	(1.142)	1940557	120.000	130(H)
	28 4-Chloro-3-Methylphenol	107	9.102	9.085	(1.154)	2356015	120.000	120
	29 2-Methylnaphthalene	142	9.401	9.400	(1.192)	4924109	120.000	130
	30 Hexachlorocyclopentadiene	237	9.705	9.710	(0.860)	1851797	120.000	140
	31 2,4,6-Trichlorophenol	196	9.962	9.956	(0.883)	1932160	120.000	130
	32 2,4,5-Trichlorophenol	196	10.026	10.020	(0.889)	2128681	120.000	130
$	33 2-Fluorobiphenyl	172	10.127	10.127	(0.898)	6050348	120.000	120
	34 1,1'-Biphenyl	154	10.309	10.308	(0.914)	6017495	120.000	120
	35 2-Chloronaphthalene	162	10.341	10.335	(0.917)	5237852	120.000	120
	36 2-Nitroaniline	65	10.528	10.522	(0.933)	1778238	120.000	120
	37 Dimethylphthalate	163	10.864	10.859	(0.963)	5441438	120.000	120
	38 2,6-Dinitrotoluene	165	10.961	10.955	(0.972)	1447541	120.000	130
	39 Acenaphthylene	152	11.051	11.051	(0.980)	6743292	120.000	120
	40 3-Nitroaniline	138	11.233	11.222	(0.996)	1052615	120.000	120
*	41 Acenaphthene-d10	164	11.281	11.281	(1.000)	1422293	40.0000	
	42 Acenaphthene	153	11.340	11.334	(1.005)	4796567	120.000	120
	43 2,4-Dinitrophenol	184	11.404	11.398	(1.011)	793021	120.000	130
	44 4-Nitrophenol	109	11.511	11.500	(1.020)	792564	120.000	120
	46 2,4-Dinitrotoluene	165	11.607	11.601	(1.029)	1910693	120.000	130
	45 Dibenzofuran	168	11.618	11.612	(1.030)	6472430	120.000	120
	47 Diethylphthalate	149	11.981	11.980	(1.062)	5107725	120.000	120
	48 Fluorene	166	12.136	12.135	(1.076)	5372066	120.000	120
	49 4-Chlorophenyl-phenylether	204	12.141	12.141	(1.076)	3133812	120.000	120
	50 4-Nitroaniline	138	12.179	12.162	(1.080)	966338	120.000	120
	51 4,6-Dinitro-2-methylphenol	198	12.221	12.216	(0.908)	1228158	120.000	130
	52 N-Nitrosodiphenylamine	169	12.318	12.312	(0.915)	4202080	120.000	120
$	53 2,4,6-Tribromophenol	330	12.488	12.488	(0.927)	988887	120.000	130
	54 4-Bromophenyl-phenylether	248	12.846	12.846	(0.954)	2098953	120.000	120
	55 Hexachlorobenzene	284	12.927	12.921	(0.960)	2227826	120.000	120
	56 Atrazine	200	13.081	13.070	(0.971)	1989379	120.000	130
	57 Pentachlorophenol	266	13.199	13.198	(0.980)	1123955	120.000	130
*	58 Phenanthrene-d10	188	13.466	13.466	(1.000)	2412967	40.0000	
	59 Phenanthrene	178	13.503	13.498	(1.003)	6840887	120.000	110
	60 Anthracene	178	13.573	13.567	(1.008)	6820340	120.000	110
	61 Carbazole	167	13.787	13.781	(1.024)	6171849	120.000	120
	63 Fluoranthene	202	15.069	15.068	(1.119)	7051374	120.000	110
	64 Pyrene	202	15.368	15.362	(0.910)	7421454	120.000	100
$	65 Terphenyl-d14	244	15.544	15.538	(0.920)	5926160	120.000	110
	62 Di-n-butylphthalate	149	14.225	14.219	(1.056)	6572667	120.000	110
	66 Butylbenzylphthalate	149	16.142	16.142	(0.955)	3707131	120.000	120
	67 3,3'-Dichlorobenzidine	252	16.826	16.820	(0.996)	2495148	120.000	120
	71 bis(2-Ethylhexyl)phthalate	149	16.842	16.836	(0.997)	4892616	120.000	120
	68 Benzo(a)anthracene	228	16.880	16.874	(0.999)	7842237	120.000	110
*	69 Chrysene-d12	240	16.896	16.890	(1.000)	2948570	40.0000	
	70 Chrysene	228	16.928	16.922	(1.002)	7150159	120.000	110

Data File: S3E5154.D
Report Date: 15-Aug-2007 12:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
72	Di-n-octylphthalate	149	17.612	17.611	(0.940)	6702620	120.000	110
73	Benzo(b)fluoranthene	252	18.210	18.199	(0.972)	8628415	120.000	110
74	Benzo(k)fluoranthene	252	18.247	18.241	(0.973)	8425571	120.000	110
75	Benzo(a)pyrene	252	18.675	18.663	(0.996)	8278482	120.000	120
* 76	Perylene-d12	264	18.744	18.744	(1.000)	2744306	40.0000	
77	Indeno(1,2,3-cd)pyrene	276	20.592	20.571	(1.099)	10943662	120.000	120
78	Dibenzo(a,h)anthracene	278	20.609	20.587	(1.099)	8962829	120.000	120
79	Benzo(g,h,i)perylene	276	21.153	21.126	(1.129)	9693413	120.000	120

QC Flag Legend

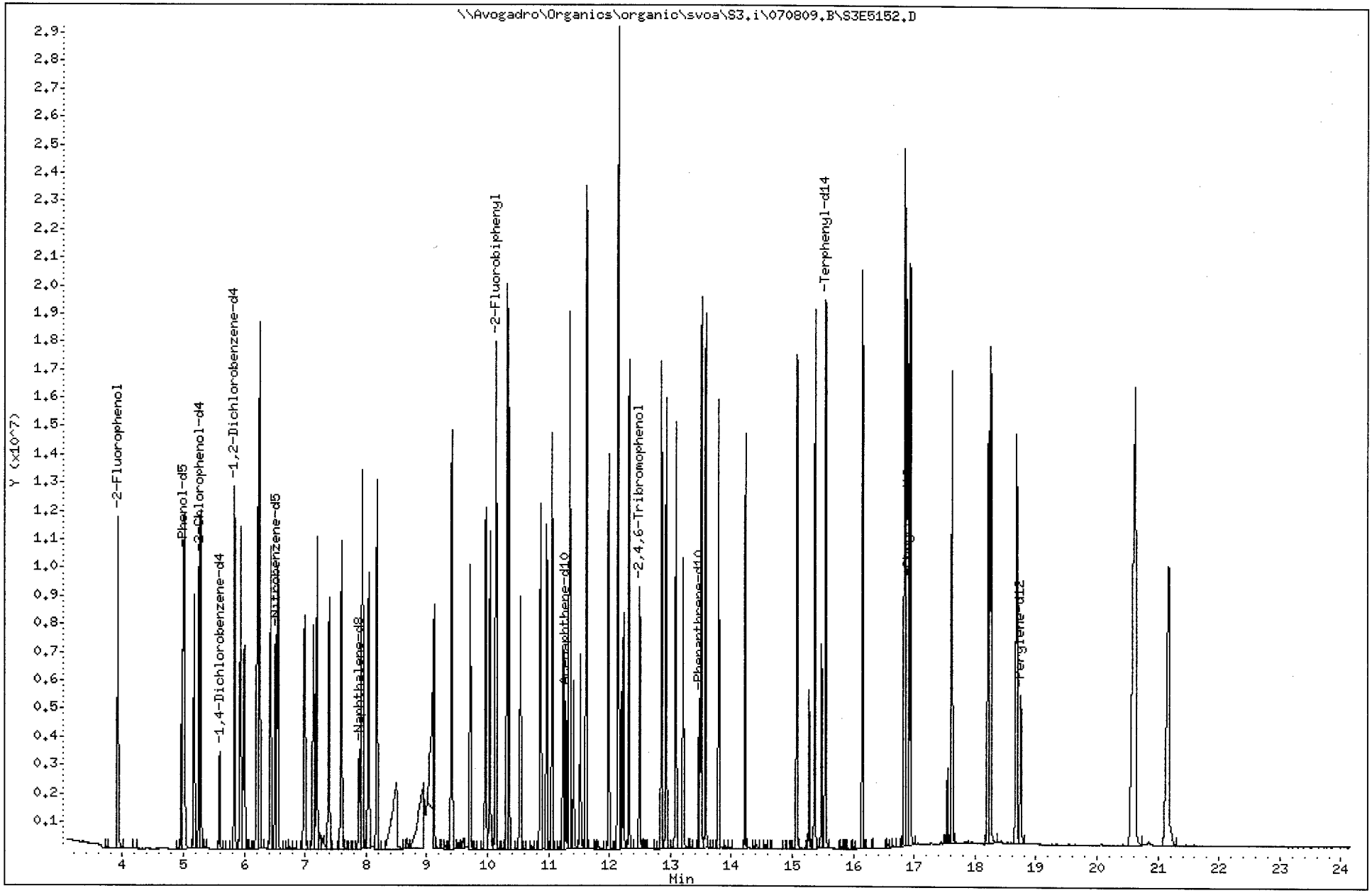
H - Operator selected an alternate compound hit.

SW 8/15/07

CW 8/15/07

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5152.D
Date : 09-AUG-2007 14:43
Client ID: SSTD1603M
Sample Info: SSTD1603M,SSTD1603M
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: CLM
Column diameter: 0.25



9999

Data File: S3E5152.D
Report Date: 15-Aug-2007 12:52

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5152.D
Lab Smp Id: SSTD1603M Client Smp ID: SSTD1603M
Inj Date : 09-AUG-2007 14:43
Operator : CLM SRC: CLM Inst ID: S3.i
Smp Info : SSTD1603M,SSTD1603M
Misc Info : 1,5
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070809.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 12:52 cmosher Quant Type: ISTD
Cal Date : 09-AUG-2007 13:45 Cal File: S3E5151.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLMtolu.sub
Target Version: 4.14
Processing Host: TARGET111

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
$ 1	2-Fluorophenol	112	3.920	3.919	(0.701)	3612673	160.000	160(A)
2	Benzaldehyde	77	4.973	4.966	(0.889)	1783905	160.000	160(A)
$ 3	Phenol-d5	99	4.999	4.982	(0.894)	5012433	160.000	170(A)
4	Phenol	94	5.021	5.004	(0.898)	4997784	160.000	160(A)
5	bis(2-Chloroethyl)Ether	93	5.176	5.164	(0.925)	3965390	160.000	160(A)
$ 6	2-Chlorophenol-d4	132	5.256	5.249	(0.940)	3796813	160.000	170(A)
7	2-Chlorophenol	128	5.283	5.276	(0.945)	3780686	160.000	170(A)
* 8	1,4-Dichlorobenzene-d4	152	5.592	5.591	(1.000)	706727	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	5.838	5.837	(1.044)	2814122	160.000	170(A)
10	2-Methylphenol	108	5.940	5.928	(1.062)	3659937	160.000	170(A)
11	2,2'-oxybis(1-Chloropropane)	45	5.998	5.992	(1.073)	4650715	160.000	170(A)
13	4-Methylphenol	108	6.212	6.184	(1.111)	3923506	160.000	170(A)
14	N-Nitroso-di-n-propylamine	70	6.250	6.216	(1.117)	3397614	160.000	170(A)
12	Acetophenone	105	6.250	6.232	(1.117)	5600045	160.000	170(A)
15	Hexachloroethane	117	6.431	6.430	(1.150)	1759786	160.000	170(A)
$ 16	Nitrobenzene-d5	82	6.517	6.499	(0.827)	4798443	160.000	160(A)
17	Nitrobenzene	77	6.554	6.537	(0.831)	4856365	160.000	160(A)
18	Isophorone	82	6.987	6.964	(0.886)	7463076	160.000	160(A)
19	2-Nitrophenol	139	7.131	7.119	(0.904)	2109107	160.000	170(A)
20	2,4-Dimethylphenol	107	7.190	7.173	(0.912)	3711653	160.000	160(A)

Data File: S3E5152.D
Report Date: 15-Aug-2007 12:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	21 bis(2-Chloroethoxy)methane	93	7.393	7.376	(0.938)	4657671	160.000	160(A)
	22 2,4-Dichlorophenol	162	7.596	7.579	(0.963)	3401922	160.000	170(A)
*	23 Naphthalene-d8	136	7.884	7.883	(1.000)	2623673	40.0000	
	24 Naphthalene	128	7.938	7.926	(1.007)	8742418	160.000	140
	25 4-Chloroaniline	127	8.039	8.027	(1.020)	4179902	160.000	170(A)
	26 Hexachlorobutadiene	225	8.178	8.172	(1.037)	2601988	160.000	170(A)
	100 m-Toluic Acid	91	8.504	8.407	(1.079)	2131736	160.000	190(A)
	102 p-Toluic Acid	91	8.942	8.754	(1.134)	4037501	160.000	210(AH)
	27 Caprolactam	113	9.118	8.775	(1.157)	1358121	160.000	180(AH)
	101 o-Toluic Acid	91	9.060	8.893	(1.149)	2728510	160.000	170(AH)
	28 4-Chloro-3-Methylphenol	107	9.118	9.085	(1.157)	3494254	160.000	170(A)
	29 2-Methylnaphthalene	142	9.407	9.400	(1.193)	6526089	160.000	160
	30 Hexachlorocyclopentadiene	237	9.711	9.710	(0.860)	2556549	160.000	180(A)
	31 2,4,6-Trichlorophenol	196	9.968	9.956	(0.883)	2721056	160.000	170(A)
	32 2,4,5-Trichlorophenol	196	10.037	10.020	(0.889)	2954858	160.000	170(A)
$	33 2-Fluorobiphenyl	172	10.133	10.127	(0.898)	7533868	160.000	140
	34 1,1'-Biphenyl	154	10.320	10.308	(0.914)	7349294	160.000	140
	35 2-Chloronaphthalene	162	10.347	10.335	(0.917)	6821082	160.000	150
	36 2-Nitroaniline	65	10.539	10.522	(0.934)	2475977	160.000	170(A)
	37 Dimethylphthalate	163	10.870	10.859	(0.963)	7179762	160.000	150
	38 2,6-Dinitrotoluene	165	10.972	10.955	(0.972)	2080716	160.000	170(A)
	39 Acenaphthylene	152	11.057	11.051	(0.980)	8210052	160.000	140
	40 3-Nitroaniline	138	11.244	11.222	(0.996)	1496278	160.000	170(A)
*	41 Acenaphthene-d10	164	11.287	11.281	(1.000)	1483952	40.0000	
	42 Acenaphthene	153	11.346	11.334	(1.005)	6101280	160.000	150
	43 2,4-Dinitrophenol	184	11.410	11.398	(1.011)	1202761	160.000	190(A)
	44 4-Nitrophenol	109	11.522	11.500	(1.021)	1111621	160.000	170(A)
	46 2,4-Dinitrotoluene	165	11.618	11.601	(1.029)	2577543	160.000	170(A)
	45 Dibenzofuran	168	11.624	11.612	(1.030)	7763831	160.000	130
	47 Diethylphthalate	149	11.992	11.980	(1.062)	6504499	160.000	150
	48 Fluorene	166	12.142	12.135	(1.076)	6495106	160.000	130
	49 4-Chlorophenyl-phenylether	204	12.147	12.141	(1.076)	3975267	160.000	140
	50 4-Nitroaniline	138	12.190	12.162	(1.080)	1371612	160.000	170(A)
	51 4,6-Dinitro-2-methylphenol	198	12.233	12.216	(0.908)	1777640	160.000	180(A)
	52 N-Nitrosodiphenylamine	169	12.324	12.312	(0.915)	5485121	160.000	150
$	53 2,4,6-Tribromophenol	330	12.494	12.488	(0.927)	1389522	160.000	170(A)
	54 4-Bromophenyl-phenylether	248	12.852	12.846	(0.954)	2767823	160.000	160
	55 Hexachlorobenzene	284	12.933	12.921	(0.960)	2992356	160.000	160
	56 Atrazine	200	13.087	13.070	(0.971)	2757991	160.000	170(A)
	57 Pentachlorophenol	266	13.205	13.198	(0.980)	1685245	160.000	180(A)
*	58 Phenanthrene-d10	188	13.472	13.466	(1.000)	2535352	40.0000	
	59 Phenanthrene	178	13.509	13.498	(1.003)	8026445	160.000	120
	60 Anthracene	178	13.579	13.567	(1.008)	8108576	160.000	130
	61 Carbazole	167	13.793	13.781	(1.024)	7454847	160.000	140
	63 Fluoranthene	202	15.080	15.068	(1.119)	8462296	160.000	130
	64 Pyrene	202	15.374	15.362	(0.910)	8614573	160.000	120
$	65 Terphenyl-d14	244	15.545	15.538	(0.920)	7154641	160.000	120
	62 Di-n-butylphthalate	149	14.231	14.219	(1.056)	7564369	160.000	120
	66 Butylbenzylphthalate	149	16.149	16.142	(0.955)	4820830	160.000	150
	67 3,3'-Dichlorobenzidine	252	16.832	16.820	(0.996)	3149973	160.000	140
	71 bis(2-Ethylhexyl)phthalate	149	16.843	16.836	(0.997)	5822524	160.000	130
	68 Benzo(a)anthracene	228	16.886	16.874	(0.999)	9350216	160.000	120
*	69 Chrysene-d12	240	16.902	16.890	(1.000)	3064400	40.0000	
	70 Chrysene	228	16.939	16.922	(1.002)	8411943	160.000	120

Data File: S3E5152.D
Report Date: 15-Aug-2007 12:52

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	72 Di-n-octylphthalate	149	17.618	17.611	(0.940)	8081638	160.000	120
	73 Benzo(b)fluoranthene	252	18.216	18.199	(0.972)	11428952	160.000	140
	74 Benzo(k)fluoranthene	252	18.259	18.241	(0.974)	9685818	160.000	120
	75 Benzo(a)pyrene	252	18.686	18.663	(0.997)	10544049	160.000	140
*	76 Perylene-d12	264	18.750	18.744	(1.000)	2928925	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	20.599	20.571	(1.099)	14566046	160.000	150
	78 Dibenzo(a,h)anthracene	278	20.631	20.587	(1.100)	11516944	160.000	140
	79 Benzo(g,h,i)perylene	276	21.175	21.126	(1.129)	12862545	160.000	150

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
H - Operator selected an alternate compound hit.

SW 8/15/07

CW 8/15/07

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: S3 Calibration Date: 08/10/07 Time: 1340

Lab File ID: S3E5191A Init. Calib. Date(s): 08/09/07 08/09/07

EPA Sample No.(SSTD050##): SSTD0503O Init. Calib. Times: 1345 1622

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Benzaldehyde	0.615	0.606		-1.5	
Phenol	1.729	1.729	0.800	0.0	25.0
bis(2-Chloroethyl)Ether	1.366	1.352	0.700	-1.0	25.0
2-Chlorophenol	1.275	1.240	0.800	-2.7	25.0
2-Methylphenol	1.222	1.205	0.700	-1.4	25.0
2,2'-oxybis(1-Chloropropane)	1.584	1.884		18.9	
Acetophenone	1.892	1.921		1.5	
4-Methylphenol	1.303	1.275	0.600	-2.1	25.0
N-Nitroso-di-n-propylamine	1.124	1.114	0.500	-0.9	25.0
Hexachloroethane	0.588	0.575	0.300	-2.2	25.0
Nitrobenzene	0.460	0.452	0.200	-1.7	25.0
Isophorone	0.705	0.712	0.400	1.0	25.0
2-Nitrophenol	0.187	0.180	0.100	-3.7	25.0
2,4-Dimethylphenol	0.347	0.341	0.200	-1.7	25.0
bis(2-Chloroethoxy)methane	0.432	0.426	0.300	-1.4	25.0
2,4-Dichlorophenol	0.308	0.298	0.200	-3.2	25.0
Naphthalene	0.934	0.979	0.700	4.8	25.0
4-Chloroaniline	0.379	0.381		0.5	
Hexachlorobutadiene	0.240	0.233		-2.9	
Caprolactam	0.114	0.112		-1.8	
4-Chloro-3-Methylphenol	0.304	0.300	0.200	-1.3	25.0
2-Methylnaphthalene	0.630	0.635	0.400	0.8	25.0
Hexachlorocyclopentadiene	0.386	0.356		-7.8	
2,4,6-Trichlorophenol	0.431	0.415	0.200	-3.7	25.0
2,4,5-Trichlorophenol	0.478	0.453	0.200	-5.2	25.0
1,1'-Biphenyl	1.415	1.483		4.8	
2-Chloronaphthalene	1.193	1.197	0.800	0.3	25.0
2-Nitroaniline	0.404	0.400		-1.0	
Dimethylphthalate	1.249	1.289		3.2	
2,6-Dinitrotoluene	0.321	0.306	0.200	-4.7	25.0
Acenaphthylene	1.605	1.700	0.900	5.9	25.0
3-Nitroaniline	0.239	0.231		-3.3	
Acenaphthene	1.103	1.134	0.900	2.8	25.0
2,4-Dinitrophenol	0.167	0.141		-15.6	
4-Nitrophenol	0.179	0.179		0.0	
Dibenzofuran	1.560	1.702	0.800	9.1	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.: MF0981

Instrument ID: S3 Calibration Date: 08/10/07 Time: 1340

Lab File ID: S3E5191A Init. Calib. Date(s): 08/09/07 08/09/07

EPA Sample No.(SSTD050##): SSTD0503O Init. Calib. Times: 1345 1622

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
2,4-Dinitrotoluene	0.418	0.429	0.200	2.6	25.0
Diethylphthalate	1.167	1.231		5.5	
Fluorene	1.305	1.443	0.900	10.6	25.0
4-Chlorophenyl-phenylether	0.739	0.789	0.400	6.8	25.0
4-Nitroaniline	0.220	0.192		-12.7	
4,6-Dinitro-2-methylphenol	0.158	0.140		-11.4	
N-Nitrosodiphenylamine(1)	0.565	0.572		1.2	
4-Bromophenyl-phenylether	0.280	0.277	0.100	-1.1	25.0
Hexachlorobenzene	0.298	0.297	0.100	-0.3	25.0
Atrazine	0.260	0.258		-0.8	
Pentachlorophenol	0.145	0.131	0.050	-9.7	25.0
Phenanthrene	1.018	1.136	0.700	11.6	25.0
Anthracene	1.023	1.142	0.700	11.6	25.0
Carbazole	0.871	0.923		6.0	
Di-n-butylphthalate	0.974	1.116		14.6	
Fluoranthene	1.058	1.216	0.600	14.9	25.0
Pyrene	0.960	1.085	0.600	13.0	25.0
Butylbenzylphthalate	0.420	0.431		2.6	
3,3'-Dichlorobenzidine	0.293	0.297		1.4	
Benzo(a)anthracene	0.986	1.108	0.800	12.4	25.0
Chrysene	0.907	1.018	0.700	12.2	25.0
bis(2-Ethylhexyl)phthalate	0.565	0.611		8.1	
Di-n-octylphthalate	0.914	1.053		15.2	
Benzo(b)fluoranthene	1.118	1.223	0.700	9.4	25.0
Benzo(k)fluoranthene	1.099	1.219	0.700	10.9	25.0
Benzo(a)pyrene	1.045	1.117	0.700	6.9	25.0
Indeno(1,2,3-cd)pyrene	1.320	1.339	0.500	1.4	25.0
Dibenzo(a,h)anthracene	1.110	1.167	0.400	5.1	25.0
Benzo(g,h,i)perylene	1.154	1.148	0.500	-0.5	25.0
Nitrobenzene-d5	0.446	0.438	0.200	-1.8	25.0
2-Fluorobiphenyl	1.415	1.455	0.700	2.8	25.0
Terphenyl-d14	0.748	0.817	0.500	9.2	25.0
Phenol-d5	1.695	1.660	0.800	-2.1	25.0
2-Fluorophenol	1.245	1.200	0.600	-3.6	25.0
2,4,6-Tribromophenol	0.131	0.128		-2.3	
2-Chlorophenol-d4	1.270	1.239	0.800	-2.4	25.0
1,2-Dichlorobenzene-d4	0.944	0.920	0.400	-2.5	25.0

(1) Cannot be separated from Diphenylamine
All other compounds must meet a minimum RRF of 0.010.

8653

7C
SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: S3 Calibration Date: 08/15/07 Time: 1119

Lab File ID: S3E5321 Init. Calib. Date(s): 08/09/07 08/09/07

EPA Sample No.(SSTD050##): SSTD0503S Init. Calib. Times: 1345 1622

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
Benzaldehyde	0.615	0.598		-2.8	
Phenol	1.729	1.654	0.800	-4.3	25.0
bis(2-Chloroethyl)Ether	1.366	1.285	0.700	-5.9	25.0
2-Chlorophenol	1.275	1.221	0.800	-4.2	25.0
2-Methylphenol	1.222	1.133	0.700	-7.3	25.0
2,2'-oxybis(1-Chloropropane)	1.584	1.701		7.4	
Acetophenone	1.892	1.823		-3.6	
4-Methylphenol	1.303	1.212	0.600	-7.0	25.0
N-Nitroso-di-n-propylamine	1.124	1.033	0.500	-8.1	25.0
Hexachloroethane	0.588	0.585	0.300	-0.5	25.0
Nitrobenzene	0.460	0.459	0.200	-0.2	25.0
Isophorone	0.705	0.685	0.400	-2.8	25.0
2-Nitrophenol	0.187	0.180	0.100	-3.7	25.0
2,4-Dimethylphenol	0.347	0.284	0.200	-18.2	25.0
bis(2-Chloroethoxy)methane	0.432	0.412	0.300	-4.6	25.0
2,4-Dichlorophenol	0.308	0.294	0.200	-4.5	25.0
Naphthalene	0.934	0.975	0.700	4.4	25.0
4-Chloroaniline	0.379	0.361		-4.7	
Hexachlorobutadiene	0.240	0.241		0.4	
Caprolactam	0.114	0.104		-8.8	
4-Chloro-3-Methylphenol	0.304	0.291	0.200	-4.3	25.0
2-Methylnaphthalene	0.630	0.613	0.400	-2.7	25.0
Hexachlorocyclopentadiene	0.386	0.361		-6.5	
2,4,6-Trichlorophenol	0.431	0.428	0.200	-0.7	25.0
2,4,5-Trichlorophenol	0.478	0.459	0.200	-4.0	25.0
1,1'-Biphenyl	1.415	1.535		8.5	
2-Chloronaphthalene	1.193	1.247	0.800	4.5	25.0
2-Nitroaniline	0.404	0.404		0.0	
Dimethylphthalate	1.249	1.280		2.5	
2,6-Dinitrotoluene	0.321	0.302	0.200	-5.9	25.0
Acenaphthylene	1.605	1.739	0.900	8.3	25.0
3-Nitroaniline	0.239	0.241		0.8	
Acenaphthene	1.103	1.158	0.900	5.0	25.0
2,4-Dinitrophenol	0.167	0.145		-13.2	
4-Nitrophenol	0.179	0.191		6.7	
Dibenzofuran	1.560	1.709	0.800	9.6	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.: MF0981

Instrument ID: S3 Calibration Date: 08/15/07 Time: 1119

Lab File ID: S3E5321 Init. Calib. Date(s): 08/09/07 08/09/07

EPA Sample No.(SSTD050##): SSTD0503S Init. Calib. Times: 1345 1622

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

COMPOUND	$\overline{RRF}$	RRF50	MIN RRF	%D	MAX %D
2,4-Dinitrotoluene	0.418	0.422	0.200	1.0	25.0
Diethylphthalate	1.167	1.220		4.5	
Fluorene	1.305	1.414	0.900	8.4	25.0
4-Chlorophenyl-phenylether	0.739	0.770	0.400	4.2	25.0
4-Nitroaniline	0.220	0.206		-6.4	
4,6-Dinitro-2-methylphenol	0.158	0.140		-11.4	
N-Nitrosodiphenylamine(1)	0.565	0.565		0.0	
4-Bromophenyl-phenylether	0.280	0.274	0.100	-2.1	25.0
Hexachlorobenzene	0.298	0.292	0.100	-2.0	25.0
Atrazine	0.260	0.250		-3.8	
Pentachlorophenol	0.145	0.125	0.050	-13.8	25.0
Phenanthrene	1.018	1.150	0.700	13.0	25.0
Anthracene	1.023	1.147	0.700	12.1	25.0
Carbazole	0.871	0.920		5.6	
Di-n-butylphthalate	0.974	1.124		15.4	
Fluoranthene	1.058	1.232	0.600	16.4	25.0
Pyrene	0.960	1.105	0.600	15.1	25.0
Butylbenzylphthalate	0.420	0.433		3.1	
3,3'-Dichlorobenzidine	0.293	0.270		-7.8	
Benzo(a)anthracene	0.986	1.114	0.800	13.0	25.0
Chrysene	0.907	1.065	0.700	17.4	25.0
bis(2-Ethylhexyl)phthalate	0.565	0.647		14.5	
Di-n-octylphthalate	0.914	1.055		15.4	
Benzo(b)fluoranthene	1.118	1.218	0.700	8.9	25.0
Benzo(k)fluoranthene	1.099	1.267	0.700	15.3	25.0
Benzo(a)pyrene	1.045	1.154	0.700	10.4	25.0
Indeno(1,2,3-cd)pyrene	1.320	1.385	0.500	4.9	25.0
Dibenzo(a,h)anthracene	1.110	1.201	0.400	8.2	25.0
Benzo(g,h,i)perylene	1.154	1.198	0.500	3.8	25.0
Nitrobenzene-d5	0.446	0.443	0.200	-0.7	25.0
2-Fluorobiphenyl	1.415	1.500	0.700	6.0	25.0
Terphenyl-d14	0.748	0.825	0.500	10.3	25.0
Phenol-d5	1.695	1.615	0.800	-4.7	25.0
2-Fluorophenol	1.245	1.227	0.600	-1.4	25.0
2,4,6-Tribromophenol	0.131	0.126		-3.8	
2-Chlorophenol-d4	1.270	1.220	0.800	-3.9	25.0
1,2-Dichlorobenzene-d4	0.944	0.914	0.400	-3.2	25.0

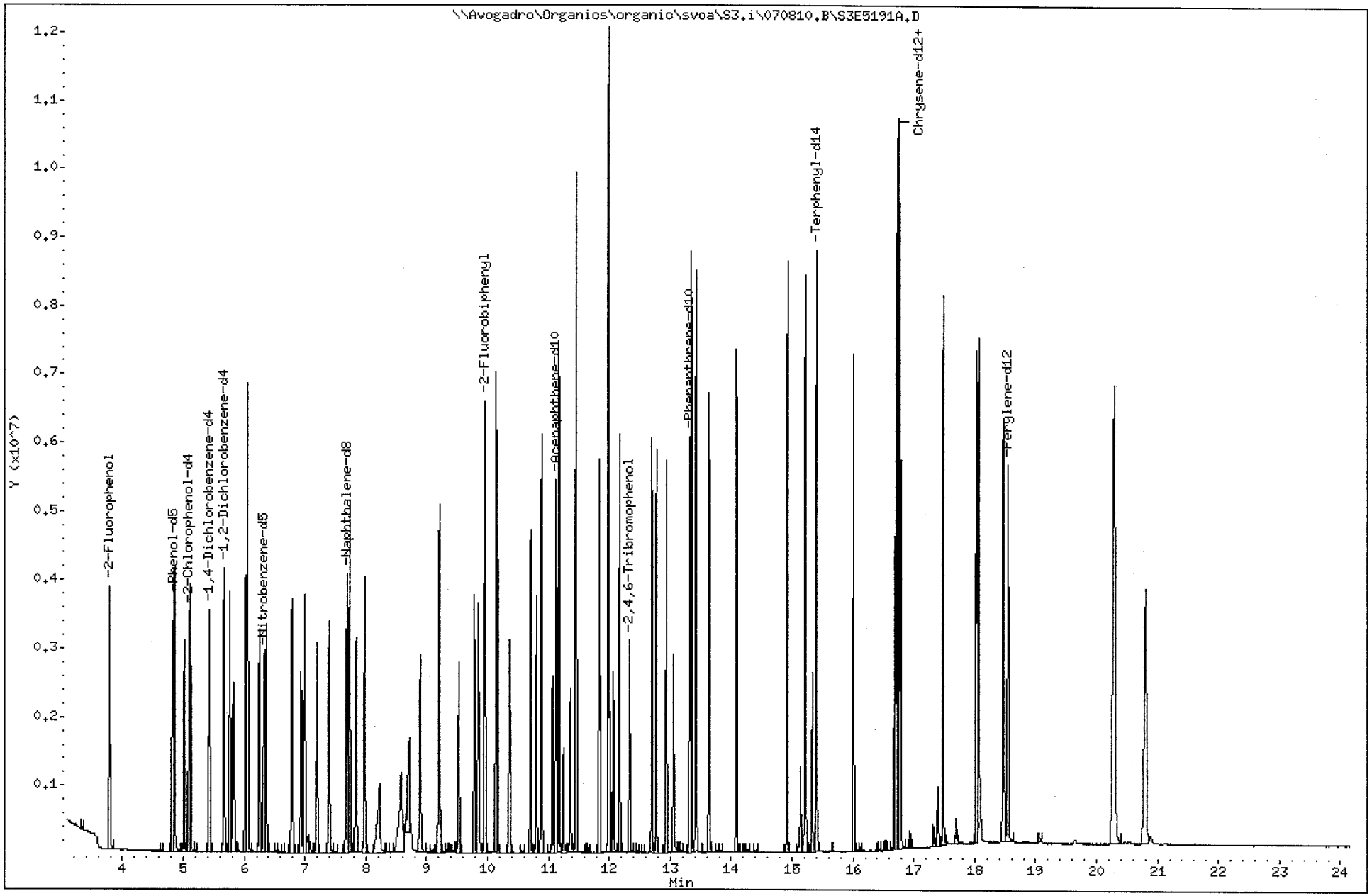
(1) Cannot be separated from Diphenylamine

All other compounds must meet a minimum RRF of 0.010.

9665

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5191A.D
Date : 10-AUG-2007 13:40
Client ID: SSTD05030
Sample Info: SSTD05030,SSTD05030
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: CLM
Column diameter: 0.25



Data File: S3E5191A.D
Report Date: 15-Aug-2007 13:11

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5191A.D
Lab Smp Id: SSTD0503O Client Smp ID: SSTD0503O
Inj Date : 10-AUG-2007 13:40
Operator : CLM SRC: CLM Inst ID: S3.i
Smp Info : SSTD0503O,SSTD0503O
Misc Info : 2,2
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 13:11 cmosher Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET111

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

		Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1	2-Fluorophenol	112	3.793	3.793	(0.700)	1065224	50.0000	48
	2	Benzaldehyde	77	4.813	4.813	(0.888)	537472	50.0000	49
$	3	Phenol-d5	99	4.834	4.834	(0.892)	1473656	50.0000	49
	4	Phenol	94	4.856	4.856	(0.896)	1534874	50.0000	50
	5	bis(2-Chloroethyl)Ether	93	5.011	5.011	(0.924)	1200188	50.0000	50
$	6	2-Chlorophenol-d4	132	5.091	5.091	(0.939)	1100049	50.0000	49
	7	2-Chlorophenol	128	5.112	5.112	(0.943)	1100769	50.0000	49
*	8	1,4-Dichlorobenzene-d4	152	5.422	5.422	(1.000)	710094	40.0000	
$	9	1,2-Dichlorobenzene-d4	152	5.662	5.662	(1.044)	816812	50.0000	49
	10	2-Methylphenol	108	5.764	5.764	(1.063)	1069646	50.0000	49
	11	2,2'-oxybis(1-Chloropropane)	45	5.823	5.823	(1.074)	1672463	50.0000	59
	12	Acetophenone	105	6.058	6.058	(1.117)	1705461	50.0000	51
	13	4-Methylphenol	108	6.020	6.020	(1.110)	1131699	50.0000	49
	14	N-Nitroso-di-n-propylamine	70	6.047	6.047	(1.115)	988796	50.0000	50
	15	Hexachloroethane	117	6.245	6.245	(1.152)	510427	50.0000	49
$	16	Nitrobenzene-d5	82	6.325	6.325	(0.823)	1437641	50.0000	49
	17	Nitrobenzene	77	6.357	6.357	(0.827)	1483899	50.0000	49
	18	Isophorone	82	6.784	6.784	(0.883)	2334909	50.0000	50
	19	2-Nitrophenol	139	6.934	6.934	(0.902)	589120	50.0000	48
	20	2,4-Dimethylphenol	107	6.993	6.993	(0.910)	1120308	50.0000	49

eas7

Data File: S3E5191A.D
Report Date: 15-Aug-2007 13:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	21 bis(2-Chloroethoxy)methane	93	7.196	7.196	(0.936)	1398962	50.0000	49
	22 2,4-Dichlorophenol	162	7.393	7.393	(0.962)	978321	50.0000	48
*	23 Naphthalene-d8	136	7.687	7.687	(1.000)	2624538	40.0000	
	24 Naphthalene	128	7.730	7.730	(1.006)	3211358	50.0000	52
	25 4-Chloroaniline	127	7.837	7.837	(1.019)	1248333	50.0000	50
	26 Hexachlorobutadiene	225	7.976	7.976	(1.038)	764862	50.0000	49
	27 Caprolactam	113	8.579	8.579	(1.116)	367651	50.0000	49
	28 4-Chloro-3-Methylphenol	107	8.894	8.894	(1.157)	984244	50.0000	49
	29 2-Methylnaphthalene	142	9.204	9.204	(1.197)	2081968	50.0000	50
	30 Hexachlorocyclopentadiene	237	9.525	9.525	(0.856)	678175	50.0000	46
	31 2,4,6-Trichlorophenol	196	9.781	9.781	(0.879)	790126	50.0000	48
	32 2,4,5-Trichlorophenol	196	9.845	9.845	(0.885)	862759	50.0000	47
$	33 2-Fluorobiphenyl	172	9.952	9.952	(0.895)	2771388	50.0000	51
	34 1,1'-Biphenyl	154	10.139	10.139	(0.912)	2825182	50.0000	52
	35 2-Chloronaphthalene	162	10.160	10.160	(0.914)	2279291	50.0000	50
	36 2-Nitroaniline	65	10.358	10.358	(0.931)	762022	50.0000	49
	37 Dimethylphthalate	163	10.705	10.705	(0.963)	2454243	50.0000	52
	38 2,6-Dinitrotoluene	165	10.801	10.801	(0.971)	583014	50.0000	48
	39 Acenaphthylene	152	10.887	10.887	(0.979)	3237957	50.0000	53
	40 3-Nitroaniline	138	11.069	11.069	(0.995)	439634	50.0000	48
*	41 Acenaphthene-d10	164	11.122	11.122	(1.000)	1523532	40.0000	
	42 Acenaphthene	153	11.175	11.175	(1.005)	2159561	50.0000	51
	43 2,4-Dinitrophenol	184	11.245	11.245	(1.011)	267598	50.0000	42
	44 4-Nitrophenol	109	11.357	11.357	(1.021)	340595	50.0000	50
	45 Dibenzofuran	168	11.459	11.459	(1.030)	3241980	50.0000	55
	46 2,4-Dinitrotoluene	165	11.453	11.453	(1.030)	816708	50.0000	51
	47 Diethylphthalate	149	11.838	11.838	(1.064)	2344441	50.0000	53
	48 Fluorene	166	11.982	11.982	(1.077)	2748528	50.0000	55
	49 4-Chlorophenyl-phenylether	204	11.993	11.993	(1.078)	1503497	50.0000	53
	50 4-Nitroaniline	138	12.020	12.020	(1.081)	364840	50.0000	44
	51 4,6-Dinitro-2-methylphenol	198	12.068	12.068	(0.906)	459450	50.0000	44
	52 N-Nitrosodiphenylamine	169	12.169	12.169	(0.914)	1878795	50.0000	51
$	53 2,4,6-Tribromophenol	330	12.335	12.335	(0.926)	420076	50.0000	49
	54 4-Bromophenyl-phenylether	248	12.698	12.698	(0.953)	909356	50.0000	49
	55 Hexachlorobenzene	284	12.773	12.773	(0.959)	977184	50.0000	50
	56 Atrazine	200	12.933	12.933	(0.971)	847789	50.0000	50
	57 Pentachlorophenol	266	13.051	13.051	(0.980)	430825	50.0000	45
*	58 Phenanthrene-d10	188	13.318	13.318	(1.000)	2629038	40.0000	
	59 Phenanthrene	178	13.350	13.350	(1.002)	3731609	50.0000	56
	60 Anthracene	178	13.419	13.419	(1.008)	3753583	50.0000	56
	61 Carbazole	167	13.638	13.638	(1.024)	3032508	50.0000	53
	62 Di-n-butylphthalate	149	14.087	14.087	(1.058)	3667504	50.0000	57
	63 Fluoranthene	202	14.920	14.920	(1.120)	3995775	50.0000	57
	64 Pyrene	202	15.214	15.214	(0.909)	4225900	50.0000	56
$	65 Terphenyl-d14	244	15.396	15.396	(0.920)	3181595	50.0000	55
	66 Butylbenzylphthalate	149	16.005	16.005	(0.956)	1679783	50.0000	51
	67 3,3'-Dichlorobenzidine	252	16.678	16.678	(0.996)	1155872	50.0000	51
	68 Benzo(a)anthracene	228	16.731	16.731	(0.999)	4317788	50.0000	56
*	69 Chrysene-d12	240	16.742	16.742	(1.000)	3116171	40.0000	
	70 Chrysene	228	16.774	16.774	(1.002)	3964739	50.0000	56
	71 bis(2-Ethylhexyl)phthalate	149	16.705	16.705	(0.998)	2381715	50.0000	54
	72 Di-n-octylphthalate	149	17.479	17.479	(0.943)	3705843	50.0000	58
	73 Benzo(b)fluoranthene	252	18.024	18.024	(0.972)	4302520	50.0000	55
	74 Benzo(k)fluoranthene	252	18.061	18.061	(0.974)	4290379	50.0000	55

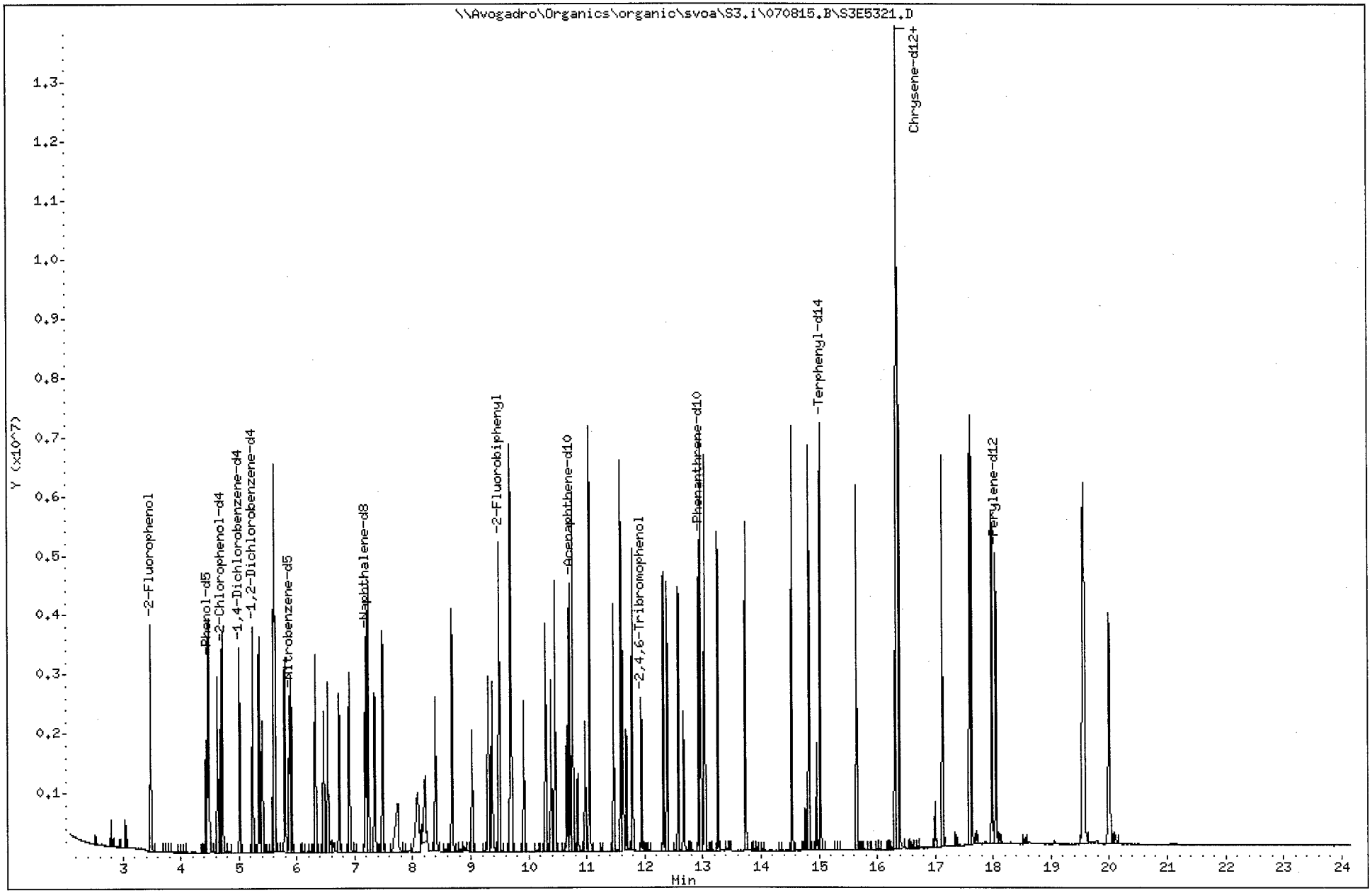
Data File: S3E5191A.D
Report Date: 15-Aug-2007 13:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
75	Benzo(a)pyrene	252	18.467	18.467	(0.996)	3929695	50.0000	53
* 76	Perylene-d12	264	18.542	18.542	(1.000)	2815162	40.0000	
77	Indeno(1,2,3-cd)pyrene	276	20.273	20.273	(1.093)	4712059	50.0000	51
78	Dibenzo(a,h)anthracene	278	20.294	20.294	(1.094)	4106754	50.0000	53
79	Benzo(g,h,i)perylene	276	20.802	20.802	(1.122)	4038143	50.0000	50

8/15/07 SW

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Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5321.D
Date : 15-AUG-2007 11:19
Client ID: SSTD0503S
Instrument: S3.i
Sample Info: SSTD0503S,SSTD0503S
Volume Injected (uL): 2.0
Operator: CLM SRC: CLM
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5321.D
Report Date: 15-Aug-2007 15:37

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5321.D
Lab Smp Id: SSTD0503S Client Smp ID: SSTD0503S
Inj Date : 15-AUG-2007 11:19
Operator : CLM SRC: CLM Inst ID: S3.i
Smp Info : SSTD0503S,SSTD0503S
Misc Info : 2,3
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 15:37 S3.i Quant Type: ISTD
Cal Date : 15-AUG-2007 11:19 Cal File: S3E5321.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET112

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1 2-Fluorophenol	112	3.483	3.483	(0.695)	985301	50.0000	49
	2 Benzaldehyde	77	4.434	4.434	(0.885)	480125	50.0000	49
$	3 Phenol-d5	99	4.466	4.466	(0.891)	1296657	50.0000	48
	4 Phenol	94	4.488	4.488	(0.896)	1328021	50.0000	48
	5 bis(2-Chloroethyl)Ether	93	4.632	4.632	(0.924)	1032010	50.0000	47
$	6 2-Chlorophenol-d4	132	4.696	4.696	(0.937)	979617	50.0000	48
	7 2-Chlorophenol	128	4.717	4.717	(0.941)	979966	50.0000	48
*	8 1,4-Dichlorobenzene-d4	152	5.011	5.011	(1.000)	642287	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.241	5.241	(1.046)	733601	50.0000	48
	10 2-Methylphenol	108	5.348	5.348	(1.067)	909888	50.0000	46
	11 2,2'-oxybis(1-Chloropropane)	45	5.401	5.401	(1.078)	1365877	50.0000	54
	12 Acetophenone	105	5.620	5.620	(1.122)	1463756	50.0000	48
	13 4-Methylphenol	108	5.593	5.593	(1.116)	972967	50.0000	47
	14 N-Nitroso-di-n-propylamine	70	5.620	5.620	(1.122)	829440	50.0000	46
	15 Hexachloroethane	117	5.796	5.796	(1.157)	469304	50.0000	50
$	16 Nitrobenzene-d5	82	5.871	5.871	(0.817)	1251661	50.0000	50
	17 Nitrobenzene	77	5.909	5.909	(0.822)	1296037	50.0000	50
	18 Isophorone	82	6.320	6.320	(0.880)	1933716	50.0000	49
	19 2-Nitrophenol	139	6.464	6.464	(0.900)	508998	50.0000	48
	20 2,4-Dimethylphenol	107	6.534	6.534	(0.909)	801062	50.0000	41

Data File: S3E5321.D
Report Date: 15-Aug-2007 15:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	21 bis(2-Chloroethoxy)methane	93	6.731	6.731	(0.937)	1163713	50.0000	48
	22 2,4-Dichlorophenol	162	6.908	6.908	(0.961)	830094	50.0000	48
*	23 Naphthalene-d8	136	7.185	7.185	(1.000)	2258758	40.0000	
	24 Naphthalene	128	7.228	7.228	(1.006)	2754076	50.0000	52
	25 4-Chloroaniline	127	7.340	7.340	(1.022)	1018744	50.0000	48
	26 Hexachlorobutadiene	225	7.479	7.479	(1.041)	681022	50.0000	50
	27 Caprolactam	113	8.077	8.077	(1.124)	293581	50.0000	46
	28 4-Chloro-3-Methylphenol	107	8.393	8.393	(1.168)	822143	50.0000	48
	29 2-Methylnaphthalene	142	8.681	8.681	(1.208)	1731351	50.0000	49
	30 Hexachlorocyclopentadiene	237	9.023	9.023	(0.843)	556374	50.0000	47
	31 2,4,6-Trichlorophenol	196	9.306	9.306	(0.869)	659365	50.0000	50
	32 2,4,5-Trichlorophenol	196	9.370	9.370	(0.875)	706614	50.0000	48
$	33 2-Fluorobiphenyl	172	9.493	9.493	(0.887)	2310119	50.0000	53
	34 1,1'-Biphenyl	154	9.685	9.685	(0.905)	2364267	50.0000	54
	35 2-Chloronaphthalene	162	9.701	9.701	(0.906)	1920981	50.0000	52
	36 2-Nitroaniline	65	9.921	9.921	(0.927)	622844	50.0000	50
	37 Dimethylphthalate	163	10.294	10.294	(0.962)	1972328	50.0000	51
	38 2,6-Dinitrotoluene	165	10.391	10.391	(0.971)	465510	50.0000	47
	39 Acenaphthylene	152	10.460	10.460	(0.977)	2679513	50.0000	54
	40 3-Nitroaniline	138	10.663	10.663	(0.996)	371576	50.0000	50
*	41 Acenaphthene-d10	164	10.706	10.706	(1.000)	1232328	40.0000	
	42 Acenaphthene	153	10.759	10.759	(1.005)	1783153	50.0000	52
	43 2,4-Dinitrophenol	184	10.845	10.845	(1.013)	223019	50.0000	43
	44 4-Nitrophenol	109	10.973	10.973	(1.025)	294099	50.0000	53
	45 Dibenzofuran	168	11.048	11.048	(1.032)	2631973	50.0000	55
	46 2,4-Dinitrotoluene	165	11.058	11.058	(1.033)	650372	50.0000	50
	47 Diethylphthalate	149	11.470	11.470	(1.071)	1879621	50.0000	52
	48 Fluorene	166	11.587	11.587	(1.082)	2177628	50.0000	54
	49 4-Chlorophenyl-phenylether	204	11.609	11.609	(1.084)	1185543	50.0000	52
	50 4-Nitroaniline	138	11.635	11.635	(1.087)	316838	50.0000	47
	51 4,6-Dinitro-2-methylphenol	198	11.689	11.689	(0.904)	373645	50.0000	45
	52 N-Nitrosodiphenylamine	169	11.790	11.790	(0.912)	1504846	50.0000	50
$	53 2,4,6-Tribromophenol	330	11.945	11.945	(0.924)	336284	50.0000	48
	54 4-Bromophenyl-phenylether	248	12.324	12.324	(0.953)	729573	50.0000	49
	55 Hexachlorobenzene	284	12.389	12.389	(0.958)	778000	50.0000	49
	56 Atrazine	200	12.581	12.581	(0.973)	665992	50.0000	48
	57 Pentachlorophenol	266	12.672	12.672	(0.980)	331993	50.0000	43
*	58 Phenanthrene-d10	188	12.933	12.933	(1.000)	2131645	40.0000	
	59 Phenanthrene	178	12.966	12.966	(1.002)	3063324	50.0000	56
	60 Anthracene	178	13.035	13.035	(1.008)	3057550	50.0000	56
	61 Carbazole	167	13.259	13.259	(1.025)	2452066	50.0000	53
	62 Di-n-butylphthalate	149	13.740	13.740	(1.062)	2994982	50.0000	58
	63 Fluoranthene	202	14.536	14.536	(1.124)	3281500	50.0000	58
	64 Pyrene	202	14.830	14.830	(0.907)	3488600	50.0000	58
$	65 Terphenyl-d14	244	15.028	15.028	(0.919)	2604225	50.0000	55
	66 Butylbenzylphthalate	149	15.647	15.647	(0.957)	1367897	50.0000	52
	67 3,3'-Dichlorobenzidine	252	16.304	16.304	(0.997)	853597	50.0000	46
	68 Benzo(a)anthracene	228	16.342	16.342	(0.999)	3518652	50.0000	56
*	69 Chrysene-d12	240	16.352	16.352	(1.000)	2526453	40.0000	
	70 Chrysene	228	16.384	16.384	(1.002)	3364151	50.0000	59
	71 bis(2-Ethylhexyl)phthalate	149	16.358	16.358	(1.000)	2043816	50.0000	57
	72 Di-n-octylphthalate	149	17.127	17.127	(0.949)	3072392	50.0000	58
	73 Benzo(b)fluoranthene	252	17.597	17.597	(0.975)	3546626	50.0000	54
	74 Benzo(k)fluoranthene	252	17.629	17.629	(0.977)	3689952	50.0000	58

Data File: S3E5321.D
Report Date: 15-Aug-2007 15:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	75 Benzo(a)pyrene	252	17.982	17.982	(0.996)	3360982	50.0000	55
*	76 Perylene-d12	264	18.051	18.051	(1.000)	2330078	40.0000	
	77 Indeno(1,2,3-cd)pyrene	276	19.552	19.552	(1.083)	4034533	50.0000	52
	78 Dibenzo(a,h)anthracene	278	19.568	19.568	(1.084)	3497331	50.0000	54
	79 Benzo(g,h,i)perylene	276	20.001	20.001	(1.108)	3488422	50.0000	52

8/15/07 SW

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5150.D

Date : 09-AUG-2007 13:13

Client ID: DFTPP3M

Instrument: S3.i

Sample Info: DFTPP3M,DFTPP3M

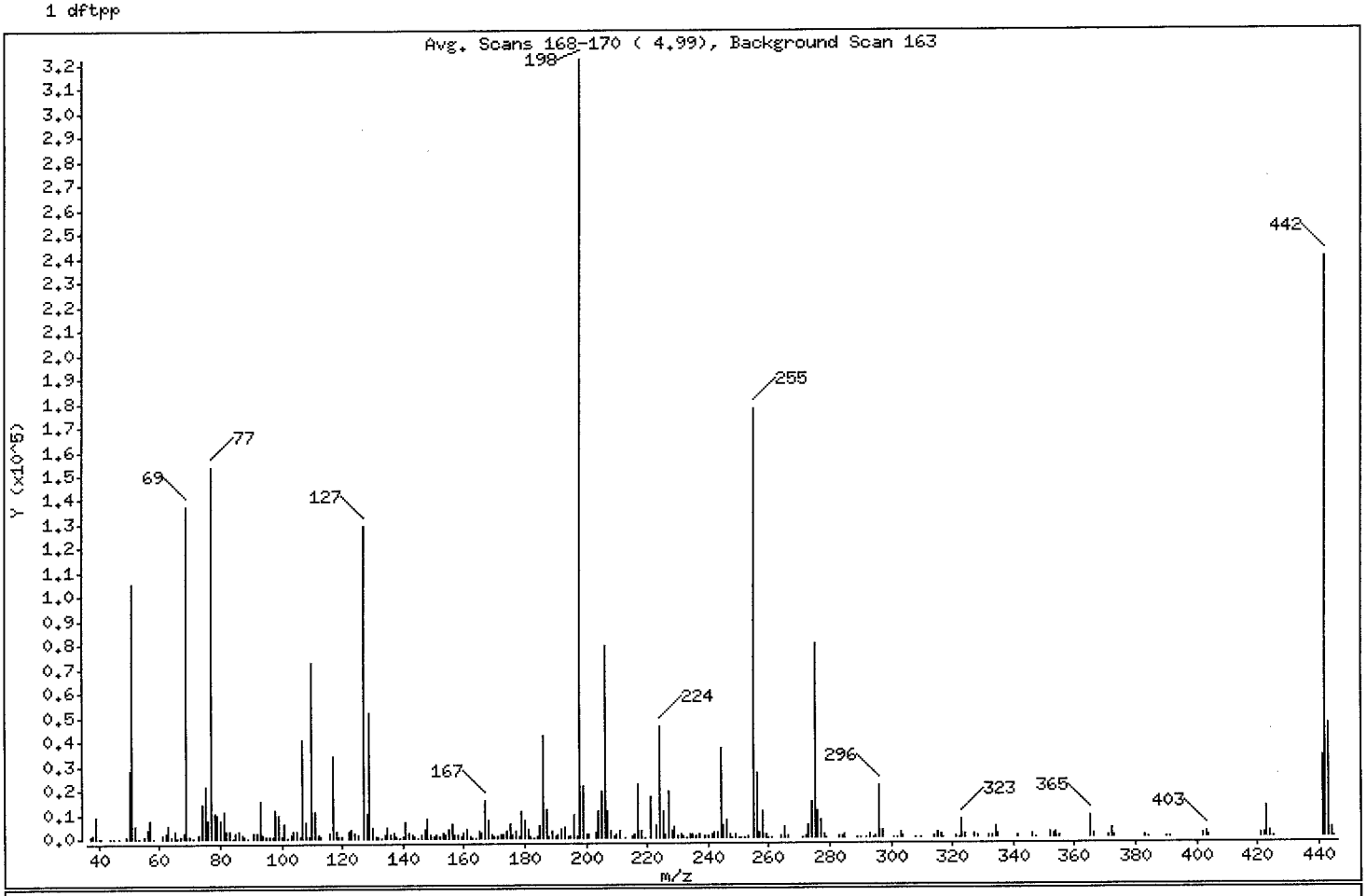
Volume Injected (uL): 1.0

Operator: CLM

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	32.81
68	Less than 2.00% of mass 69	0.70 (1.64)
69	Mass 69 relative abundance	42.62
70	Less than 2.00% of mass 69	0.25 (0.60)
127	25.00 - 75.00% of mass 198	40.19
197	Less than 1.00% of mass 198	0.20
199	5.00 - 9.00% of mass 198	6.63
275	10.00 - 30.00% of mass 198	24.87
365	Greater than 0.75% of mass 198	2.72
441	Present, but less than mass 443	10.36
442	40.00 - 110.00% of mass 198	74.44
443	15.00 - 24.00% of mass 442	14.46 (19.42)

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5150.D

Date : 09-AUG-2007 13:13

Client ID: DFTPP3M

Instrument: S3.i

Sample Info: DFTPP3M,DFTPP3M

Volume Injected (uL): 1.0

Operator: CLM

Column phase: DB-5MS

Column diameter: 0.25

Data File: S3E5150.D
Spectrum: Avg. Scans 168-170 (4.99), Background Scan 163
Location of Maximum: 198.00
Number of points: 277

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	545	118.00	2640	190.00	517	273.00	5328
38.00	1544	119.00	381	191.00	1342	274.00	14784
39.00	8827	120.00	510	192.00	3720	275.00	80144
40.00	200	122.00	2674	193.00	4098	276.00	11140
41.00	173	123.00	3864	194.00	931	277.00	7101
44.00	112	124.00	1955	195.00	541	278.00	1160
45.00	223	125.00	1813	196.00	9495	279.00	121
47.00	111	127.00	129504	197.00	659	283.00	728
49.00	801	128.00	10202	198.00	322240	284.00	615
50.00	28584	129.00	51920	199.00	21352	285.00	1203
51.00	105736	130.00	4654	200.00	1835	289.00	225
52.00	5507	131.00	928	201.00	1465	290.00	129
53.00	239	132.00	515	203.00	2133	292.00	104
55.00	521	133.00	238	204.00	11034	293.00	1529
56.00	3352	134.00	1505	205.00	19280	294.00	315
57.00	7419	135.00	4356	206.00	79608	295.00	428
58.00	358	136.00	1710	207.00	11340	296.00	21312
61.00	1592	137.00	2313	208.00	2826	297.00	3002
62.00	1894	138.00	554	209.00	1112	301.00	148
63.00	5117	139.00	234	210.00	1396	302.00	371
64.00	731	140.00	681	211.00	3209	303.00	2455
65.00	2633	141.00	6976	213.00	217	304.00	660
66.00	104	142.00	2344	215.00	1008	308.00	302
67.00	480	143.00	1528	216.00	1772	310.00	257
68.00	2248	144.00	459	217.00	22008	314.00	1071
69.00	137344	145.00	357	218.00	2768	315.00	2319
70.00	818	146.00	1160	219.00	160	316.00	1386
71.00	217	147.00	3715	221.00	17016	317.00	106
73.00	1302	148.00	8425	223.00	5128	321.00	744
74.00	13898	149.00	1845	224.00	46272	322.00	259
75.00	21184	150.00	543	225.00	11504	323.00	7351
76.00	7514	151.00	1122	226.00	1169	324.00	1277
77.00	153728	152.00	487	227.00	19536	327.00	1323
78.00	10563	153.00	2344	228.00	2606	328.00	620
79.00	9815	154.00	1600	229.00	4109	332.00	553

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5150.D

Date : 09-AUG-2007 13:13

Client ID: DFTPP3M

Instrument: S3.i

Sample Info: DFTPP3M,DFTPP3M

Volume Injected (uL): 1.0

Operator: CLM

Column phase: DB-5MS

Column diameter: 0.25

Data File: S3E5150.D
Spectrum: Avg. Scans 168-170 (4.99), Background Scan 163
Location of Maximum: 198.00
Number of points: 277

m/z	Y	m/z	Y	m/z	Y	m/z	Y
80.00	7330	155.00	4010	230.00	630	333.00	693
81.00	10991	156.00	5853	231.00	1528	334.00	4689
82.00	2653	157.00	1304	232.00	400	335.00	1297
83.00	2725	158.00	1373	233.00	352	341.00	780
84.00	229	159.00	1019	234.00	1203	346.00	1599
85.00	1910	160.00	2386	235.00	1321	347.00	231
86.00	2863	161.00	3390	236.00	966	352.00	2031
87.00	1417	162.00	1006	237.00	1555	353.00	1341
88.00	640	163.00	269	239.00	876	354.00	2159
89.00	134	164.00	298	240.00	543	355.00	473
91.00	2427	165.00	2984	241.00	1137	365.00	8763
92.00	2439	166.00	2300	242.00	2349	366.00	1319
93.00	15824	167.00	15383	243.00	2523	371.00	540
94.00	1201	168.00	7588	244.00	37184	372.00	3398
95.00	602	169.00	1401	245.00	4833	373.00	926
96.00	835	170.00	467	246.00	7183	383.00	934
97.00	519	171.00	713	247.00	1565	384.00	106
98.00	12236	172.00	1468	248.00	231	390.00	328
99.00	9386	173.00	1724	249.00	1292	391.00	233
100.00	893	174.00	3117	250.00	210	402.00	1237
101.00	5600	175.00	5868	251.00	252	403.00	1955
102.00	356	176.00	1683	252.00	281	404.00	680
103.00	1684	177.00	2811	253.00	798	421.00	1593
104.00	3206	178.00	1007	255.00	177280	422.00	1647
105.00	3326	179.00	10895	256.00	26480	423.00	12759
106.00	1050	180.00	7321	257.00	2158	424.00	2572
107.00	41104	181.00	3421	258.00	10772	425.00	103
108.00	6437	182.00	714	259.00	1782	441.00	33384
109.00	930	183.00	351	260.00	133	442.00	239872
110.00	72912	184.00	980	261.00	239	443.00	46592
111.00	11137	185.00	5514	264.00	398	444.00	4070
112.00	1488	186.00	42024	265.00	4441	445.00	103
113.00	442	187.00	12209	266.00	758		
116.00	2272	188.00	1065	271.00	314		
117.00	34440	189.00	2765	272.00	456		

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5150.D

Date : 09-AUG-2007 13:13

Client ID: DFTPP3M

Instrument: S3.i

Sample Info: DFTPP3M,DFTPP3M

Volume Injected (uL): 1.0

Operator: CLM

Column phase: DB-5MS

Column diameter: 0.25

Data File: S3E5150.D
Spectrum: Avg. Scans 168-170 (4.99), Background Scan 163
Location of Maximum: 198.00
Number of points: 277

m/z	Y	m/z	Y	m/z	Y	m/z	Y

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070809.B\S3E5150.D

Date : 09-AUG-2007 13:13

Client ID: DFTPP3M

Instrument: S3.i

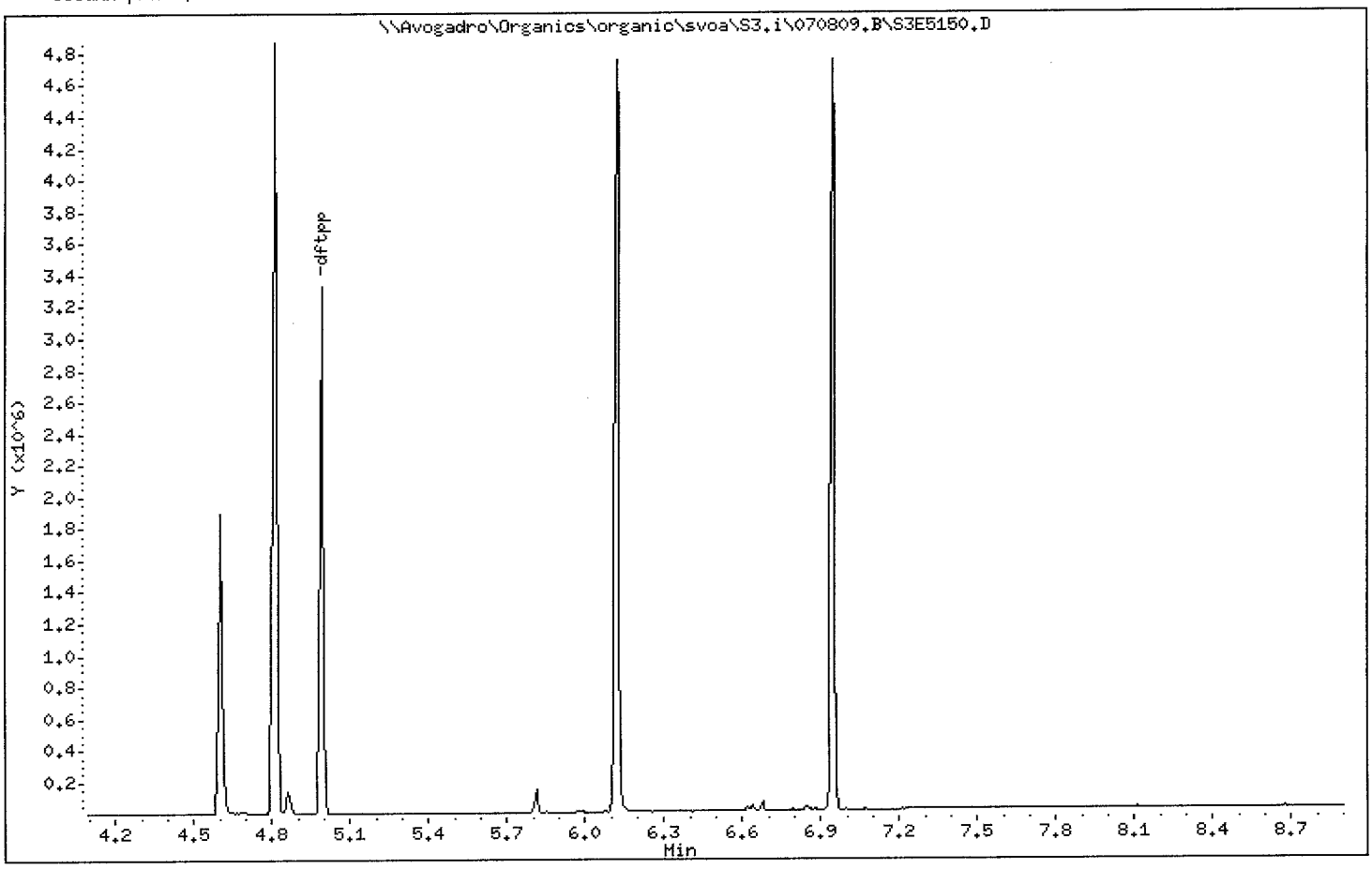
Sample Info: DFTPP3M,DFTPP3M

Volume Injected (uL): 1.0

Operator: CLM

Column phase: DB-5MS

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5190.D

Date : 10-AUG-2007 12:38

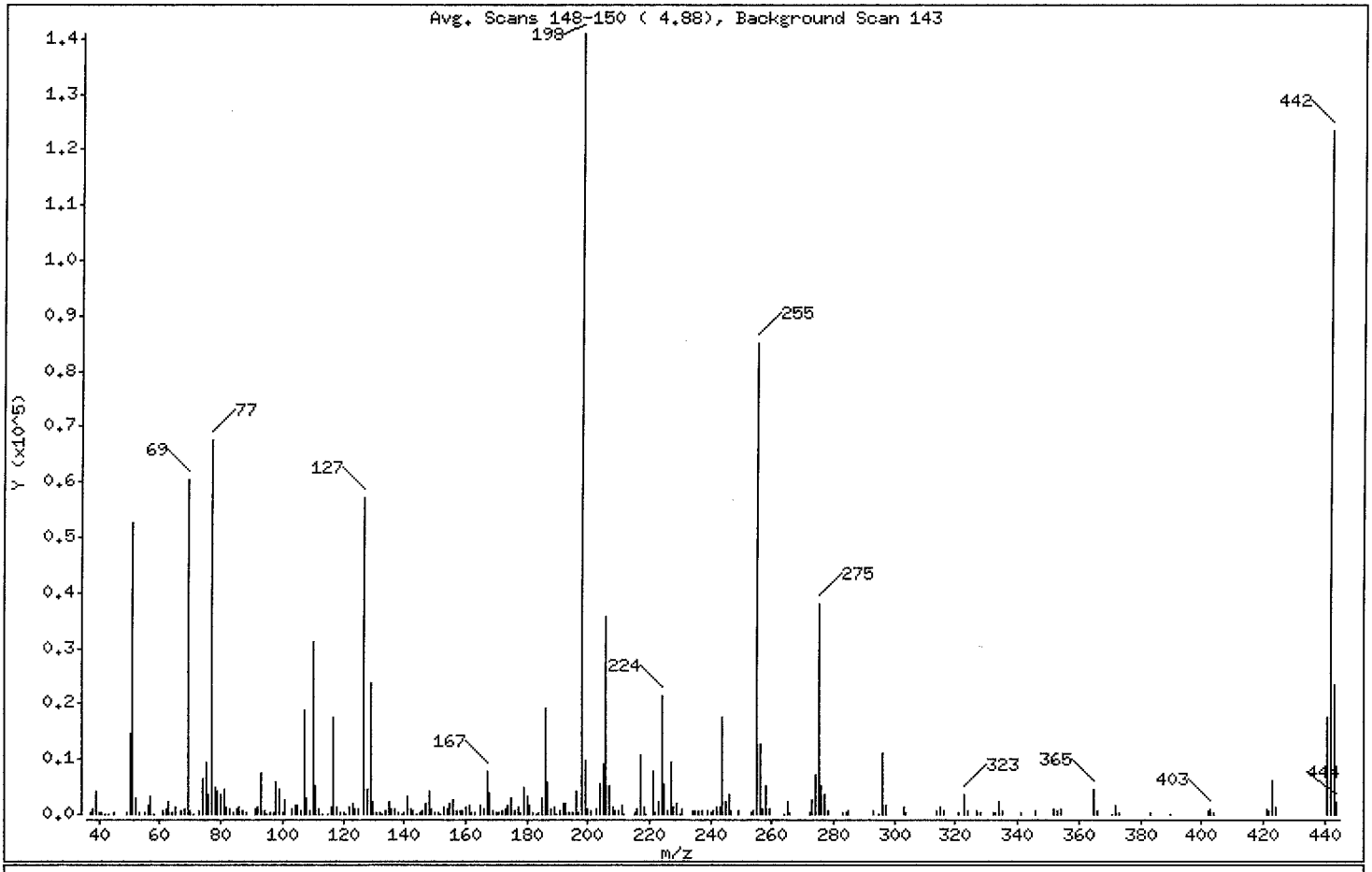
Client ID: DFTPP30 Instrument: S3.i

Sample Info: DFTPP30,DFTPP30

Volume Injected (uL): 1.0 Operator: CLM SRC: CLM

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	37.27
68	Less than 2.00% of mass 69	0.80 (1.87)
69	Mass 69 relative abundance	42.93
70	Less than 2.00% of mass 69	0.46 (1.08)
127	25.00 - 75.00% of mass 198	40.50
197	Less than 1.00% of mass 198	0.26
199	5.00 - 9.00% of mass 198	6.90
275	10.00 - 30.00% of mass 198	26.86
365	Greater than 0.75% of mass 198	3.24
441	Present, but less than mass 443	12.51
442	40.00 - 110.00% of mass 198	87.60
443	15.00 - 24.00% of mass 442	16.49 (18.82)

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5190.D

Date : 10-AUG-2007 12:38

Client ID: DFTPP30 Instrument: S3.i

Sample Info: DFTPP30,DFTPP30

Volume Injected (uL): 1.0 Operator: CLM SRC: CLM

Column phase: DB-5MS Column diameter: 0.25

Data File: S3E5190.D
Spectrum: Avg. Scans 148-150 (4.88), Background Scan 143
Location of Maximum: 198.00
Number of points: 251

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	336	112.00	815	178.00	455	249.00	653
38.00	860	113.00	126	179.00	4982	253.00	457
39.00	4340	115.00	152	180.00	3322	254.00	546
40.00	211	116.00	1200	181.00	1632	255.00	84992
41.00	230	117.00	17376	182.00	283	256.00	12533
42.00	38	118.00	1267	183.00	101	257.00	1030
43.00	115	119.00	253	184.00	412	258.00	5308
45.00	352	120.00	233	185.00	2773	259.00	860
49.00	414	121.00	129	186.00	19304	264.00	107
50.00	14621	122.00	1190	187.00	5715	265.00	2263
51.00	52520	123.00	2043	188.00	831	266.00	308
52.00	2809	124.00	916	189.00	1337	272.00	219
53.00	345	125.00	849	190.00	141	273.00	2538
55.00	239	127.00	57080	191.00	681	274.00	7208
56.00	1734	128.00	4434	192.00	1822	275.00	37856
57.00	3397	129.00	23792	193.00	2081	276.00	5150
58.00	120	130.00	2250	194.00	348	277.00	3605
61.00	678	131.00	420	195.00	279	278.00	609
62.00	890	132.00	248	196.00	4308	283.00	330
63.00	2382	133.00	106	197.00	367	284.00	267
64.00	305	134.00	734	198.00	140928	285.00	597
65.00	1290	135.00	2237	199.00	9720	293.00	759
67.00	510	136.00	914	200.00	852	295.00	114
68.00	1131	137.00	1002	201.00	591	296.00	11081
69.00	60504	138.00	218	203.00	1084	297.00	1584
70.00	655	139.00	107	204.00	5361	303.00	1227
71.00	98	140.00	282	205.00	8971	304.00	259
73.00	501	141.00	3116	206.00	35848	314.00	552
74.00	6384	142.00	1019	207.00	5047	315.00	1157
75.00	9515	143.00	786	208.00	1434	316.00	686
76.00	3426	144.00	130	209.00	565	321.00	249
77.00	67504	145.00	253	210.00	636	323.00	3507
78.00	4856	146.00	640	211.00	1543	324.00	574
79.00	4101	147.00	1897	212.00	121	327.00	607
80.00	3458	148.00	4075	215.00	425	328.00	298

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5190.D

Date : 10-AUG-2007 12:38

Client ID: DFTPP30 Instrument: S3.i

Sample Info: DFTPP30,DFTPP30

Volume Injected (uL): 1.0 Operator: CLM SRC: CLM

Column phase: DB-5MS Column diameter: 0.25

Data File: S3E5190.D
Spectrum: Avg. Scans 148-150 (4.88), Background Scan 143
Location of Maximum: 198.00
Number of points: 251

m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	4599	149.00	1045	216.00	875	332.00	227
82.00	1241	150.00	245	217.00	10718	333.00	164
83.00	926	151.00	388	218.00	1422	334.00	2227
84.00	184	152.00	145	219.00	134	335.00	578
85.00	1070	153.00	1194	221.00	7776	341.00	354
86.00	1443	154.00	894	222.00	256	346.00	805
87.00	734	155.00	2016	223.00	2382	352.00	974
88.00	452	156.00	2653	224.00	21344	353.00	703
91.00	1091	157.00	693	225.00	5630	354.00	992
92.00	1234	158.00	669	226.00	573	365.00	4561
93.00	7368	159.00	620	227.00	9496	366.00	741
94.00	665	160.00	1166	228.00	1404	371.00	105
95.00	147	161.00	1551	229.00	2027	372.00	1758
96.00	427	162.00	452	230.00	111	373.00	476
97.00	311	163.00	208	231.00	860	383.00	431
98.00	5870	165.00	1600	234.00	600	390.00	116
99.00	4536	166.00	1072	235.00	757	402.00	638
100.00	395	167.00	7703	236.00	492	403.00	887
101.00	2484	168.00	3750	237.00	691	404.00	170
103.00	917	169.00	743	239.00	516	421.00	856
104.00	1636	170.00	276	240.00	309	422.00	717
105.00	1718	171.00	399	241.00	565	423.00	6237
106.00	494	172.00	597	242.00	1271	424.00	1276
107.00	18888	173.00	882	243.00	1178	441.00	17632
108.00	2931	174.00	1507	244.00	17448	442.00	123448
109.00	736	175.00	2820	245.00	2384	443.00	23232
110.00	31312	176.00	738	246.00	3591	444.00	2236
111.00	5149	177.00	1409	247.00	647		

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5190.D

Date : 10-AUG-2007 12:38

Client ID: DFTPP30

Instrument: S3.i

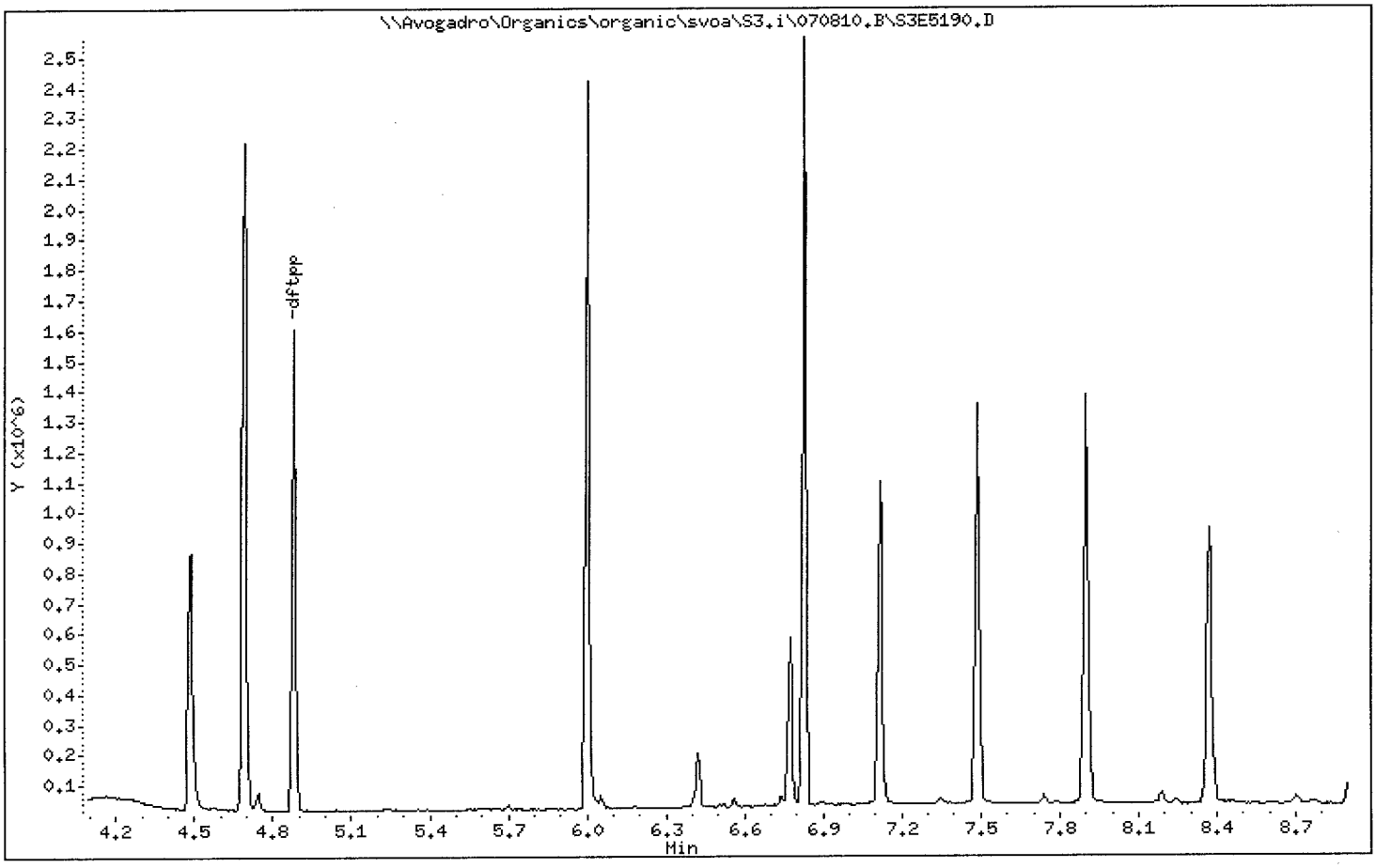
Sample Info: DFTPP30,DFTPP30

Volume Injected (uL): 1.0

Operator: CLM SRC: CLM

Column phase: DB-5MS

Column diameter: 0.25



Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5320.D

Date : 15-AUG-2007 10:55

Client ID: DFTPP3S

Instrument: S3.i

Sample Info: DFTPP3S,DFTPP3S

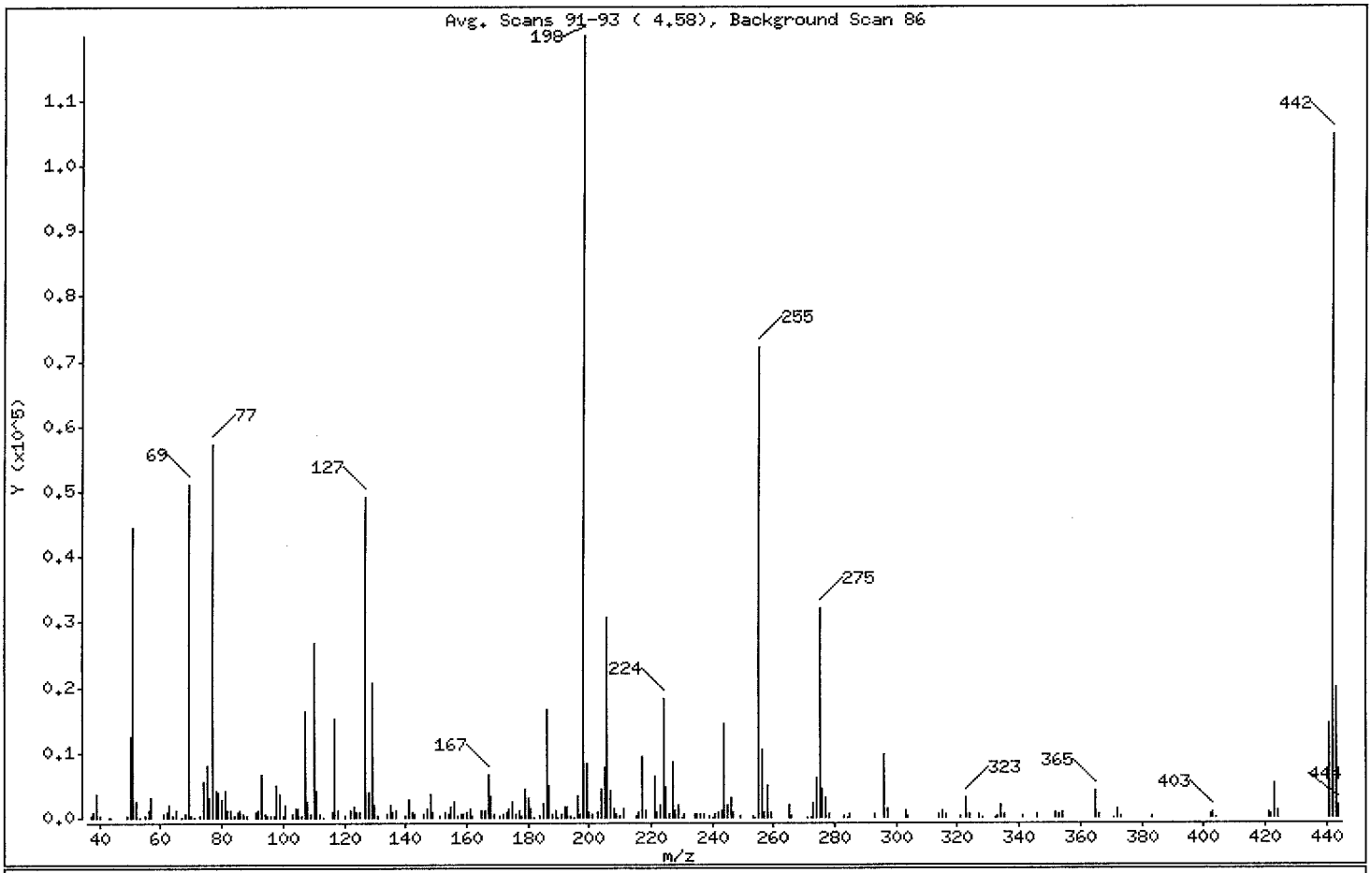
Volume Injected (uL): 1.0

Operator: CLM SRC: CLM

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	37.09
68	Less than 2.00% of mass 69	0.46 (1.08)
69	Mass 69 relative abundance	42.59
70	Less than 2.00% of mass 69	0.29 (0.67)
127	25.00 - 75.00% of mass 198	41.08
197	Less than 1.00% of mass 198	0.36
199	5.00 - 9.00% of mass 198	6.92
275	10.00 - 30.00% of mass 198	26.73
365	Greater than 0.75% of mass 198	3.49
441	Present, but less than mass 443	12.04
442	40.00 - 110.00% of mass 198	87.34
443	15.00 - 24.00% of mass 442	16.56 (18.96)

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5320.D

Date : 15-AUG-2007 10:55

Client ID: DFTPP3S

Instrument: S3.i

Sample Info: DFTPP3S,DFTPP3S

Volume Injected (uL): 1.0

Operator: CLM SRC: CLM

Column phase: DB-5MS

Column diameter: 0.25

Data File: S3E5320.D
Spectrum: Avg. Scans 91-93 (4.58), Background Scan 86
Location of Maximum: 198.00
Number of points: 230

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	308	110.00	26704	185.00	2130	256.00	10630
38.00	751	111.00	4122	186.00	16656	257.00	881
39.00	3692	112.00	457	187.00	4890	258.00	5014
40.00	229	113.00	105	188.00	546	259.00	748
43.00	65	116.00	844	189.00	1071	265.00	2000
44.00	33	117.00	15276	190.00	105	266.00	294
49.00	411	118.00	1137	191.00	466	271.00	104
50.00	12381	120.00	210	192.00	1680	272.00	109
51.00	44480	122.00	982	193.00	1793	273.00	2272
52.00	2505	123.00	1691	194.00	277	274.00	6010
53.00	107	124.00	759	195.00	119	275.00	32048
55.00	146	125.00	774	196.00	3414	276.00	4317
56.00	1186	127.00	49264	197.00	428	277.00	3084
57.00	3016	128.00	3967	198.00	119912	278.00	574
61.00	520	129.00	20728	199.00	8297	283.00	282
62.00	742	130.00	1892	200.00	735	284.00	117
63.00	2022	131.00	361	201.00	451	285.00	573
64.00	254	134.00	681	203.00	897	293.00	689
65.00	1058	135.00	2013	204.00	4444	296.00	9605
67.00	127	136.00	706	205.00	7824	297.00	1269
68.00	553	137.00	1030	206.00	30784	303.00	1065
69.00	51072	140.00	299	207.00	4278	304.00	227
70.00	344	141.00	2854	208.00	1311	314.00	497
71.00	102	142.00	940	209.00	436	315.00	1112
73.00	391	143.00	647	210.00	219	316.00	545
74.00	5477	146.00	598	211.00	1328	321.00	288
75.00	8127	147.00	1495	215.00	323	323.00	2921
76.00	2916	148.00	3515	216.00	822	324.00	422
77.00	57088	149.00	755	217.00	9355	327.00	647
78.00	4036	151.00	379	218.00	1171	328.00	119
79.00	3969	153.00	938	221.00	6279	332.00	110
80.00	2893	154.00	676	222.00	831	333.00	237
81.00	4180	155.00	1707	223.00	1967	334.00	1998
82.00	1142	156.00	2371	224.00	18360	335.00	479
83.00	1158	157.00	393	225.00	4647	341.00	286

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5320.D

Date : 15-AUG-2007 10:55

Client ID: DFTPP3S

Instrument: S3.i

Sample Info: DFTPP3S,DFTPP3S

Volume Injected (uL): 1.0

Operator: CLM SRC: CLM

Column phase: DB-5MS

Column diameter: 0.25

Data File: S3E5320.D
Spectrum: Avg. Scans 91-93 (4.58), Background Scan 86
Location of Maximum: 198.00
Number of points: 230

m/z	Y	m/z	Y	m/z	Y	m/z	Y
84.00	215	158.00	442	226.00	465	346.00	629
85.00	879	159.00	424	227.00	8475	352.00	840
86.00	1117	160.00	912	228.00	1224	353.00	527
87.00	486	161.00	1396	229.00	1895	354.00	807
88.00	277	162.00	341	230.00	122	365.00	4189
91.00	951	165.00	1172	231.00	633	366.00	679
92.00	1085	166.00	981	234.00	468	371.00	116
93.00	6649	167.00	6727	235.00	618	372.00	1451
94.00	447	168.00	3361	236.00	449	373.00	387
95.00	277	169.00	565	237.00	607	383.00	293
96.00	324	171.00	272	239.00	236	402.00	647
97.00	260	172.00	622	240.00	133	403.00	787
98.00	4929	173.00	788	241.00	511	404.00	124
99.00	3651	174.00	1287	242.00	967	421.00	728
100.00	263	175.00	2581	243.00	1113	422.00	670
101.00	1968	176.00	663	244.00	14301	423.00	5121
103.00	664	177.00	1118	245.00	2064	424.00	1117
104.00	1360	178.00	323	246.00	3108	441.00	14440
105.00	1482	179.00	4375	247.00	744	442.00	104728
106.00	414	180.00	2946	249.00	380	443.00	19856
107.00	16227	181.00	1421	253.00	290	444.00	1836
108.00	2587	182.00	125	254.00	107		
109.00	503	184.00	342	255.00	72000		

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5320.D

Date : 15-AUG-2007 10:55

Client ID: DFTPP3S

Instrument: S3.i

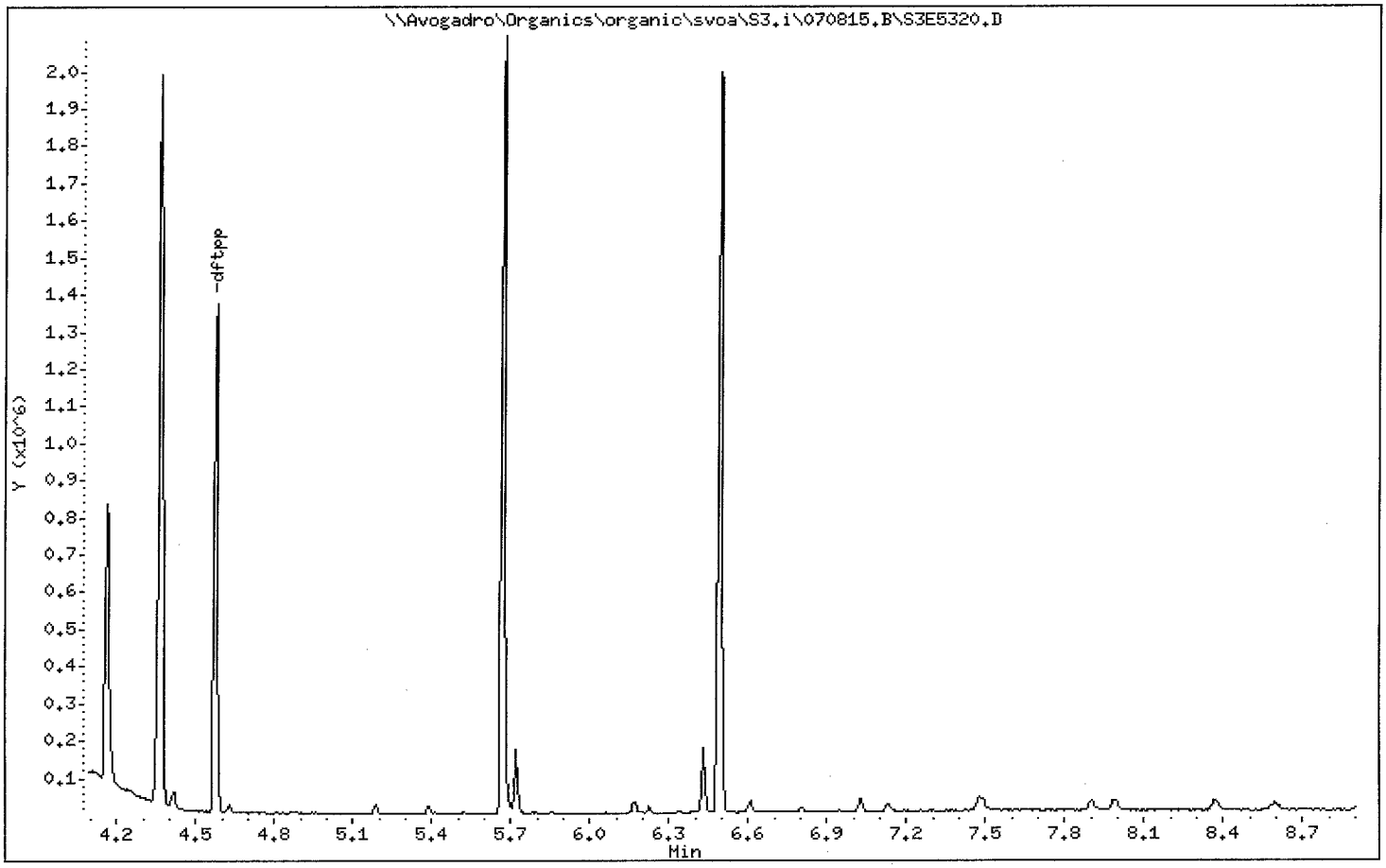
Sample Info: DFTPP3S,DFTPP3S

Volume Injected (uL): 1.0

Operator: CLM SRC: CLM

Column phase: DB-5MS

Column diameter: 0.25



1C

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK3Q

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31474

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5193

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK3Q

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31474

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5193

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

0688

1G

EPA SAMPLE NO.

SBLK3Q

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31474

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5193

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

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

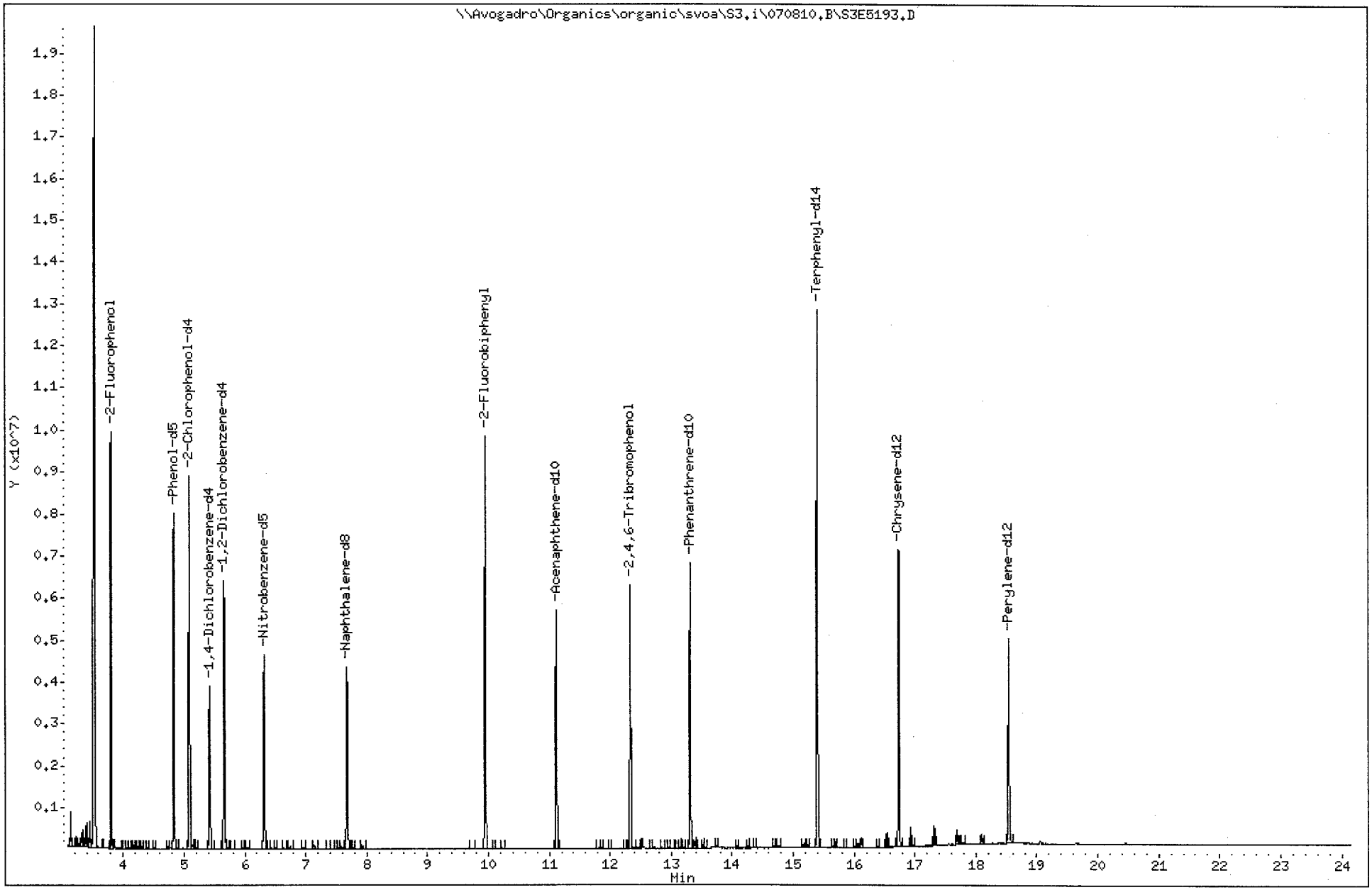
GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) SONC

Number TICs found: 0

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

	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\svoa\S3.i\070810.B\S3E5193.D
Date : 10-AUG-2007 14:47
Client ID: SBLK3Q
Instrument: S3.i
Sample Info: MB-31474,SBLK3Q,31474
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



0639

Data File: S3E5193.D
Report Date: 15-Aug-2007 11:48

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5193.D
Lab Smp Id: MB-31474 Client Smp ID: SBLK3Q
Inj Date : 10-AUG-2007 14:47
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : MB-31474,SBLK3Q,31474
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 1	2-Fluorophenol	112	3.806	3.793	(0.702)	2557747	112.653	1900
$ 3	Phenol-d5	99	4.837	4.834	(0.893)	3362094	107.039	1800
$ 6	2-Chlorophenol-d4	132	5.088	5.091	(0.939)	2646364	112.866	1900
* 8	1,4-Dichlorobenzene-d4	152	5.420	5.422	(1.000)	756762	40.0000	
$ 9	1,2-Dichlorobenzene-d4	152	5.660	5.662	(1.044)	1250792	71.8438	1200
$ 16	Nitrobenzene-d5	82	6.317	6.325	(0.823)	2231492	72.6446	1200
* 23	Naphthalene-d8	136	7.679	7.687	(1.000)	2803913	40.0000	
$ 33	2-Fluorobiphenyl	172	9.950	9.952	(0.895)	4306418	72.6445	1200
* 41	Acenaphthene-d10	164	11.120	11.122	(1.000)	1629437	40.0000	
$ 53	2,4,6-Tribromophenol	330	12.332	12.335	(0.926)	808503	89.5682	1500
* 58	Phenanthrene-d10	188	13.315	13.318	(1.000)	2824664	40.0000	
$ 65	Terphenyl-d14	244	15.399	15.396	(0.920)	4732889	74.7845	1200
* 69	Chrysene-d12	240	16.740	16.742	(1.000)	3099284	40.0000	
* 76	Perylene-d12	264	18.540	18.542	(1.000)	2728219	40.0000	

8/15/07
SW

0691

Data File: S3E5193.D
Report Date: 15-Aug-2007 11:48

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5193.D
Lab Smp Id: MB-31474 Client Smp ID: SBLK3Q
Inj Date : 10-AUG-2007 14:47
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : MB-31474,SBLK3Q,31474
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK3R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31231

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5196

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SBLK3R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31231

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5196

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SBLK3R

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31231

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5196

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

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

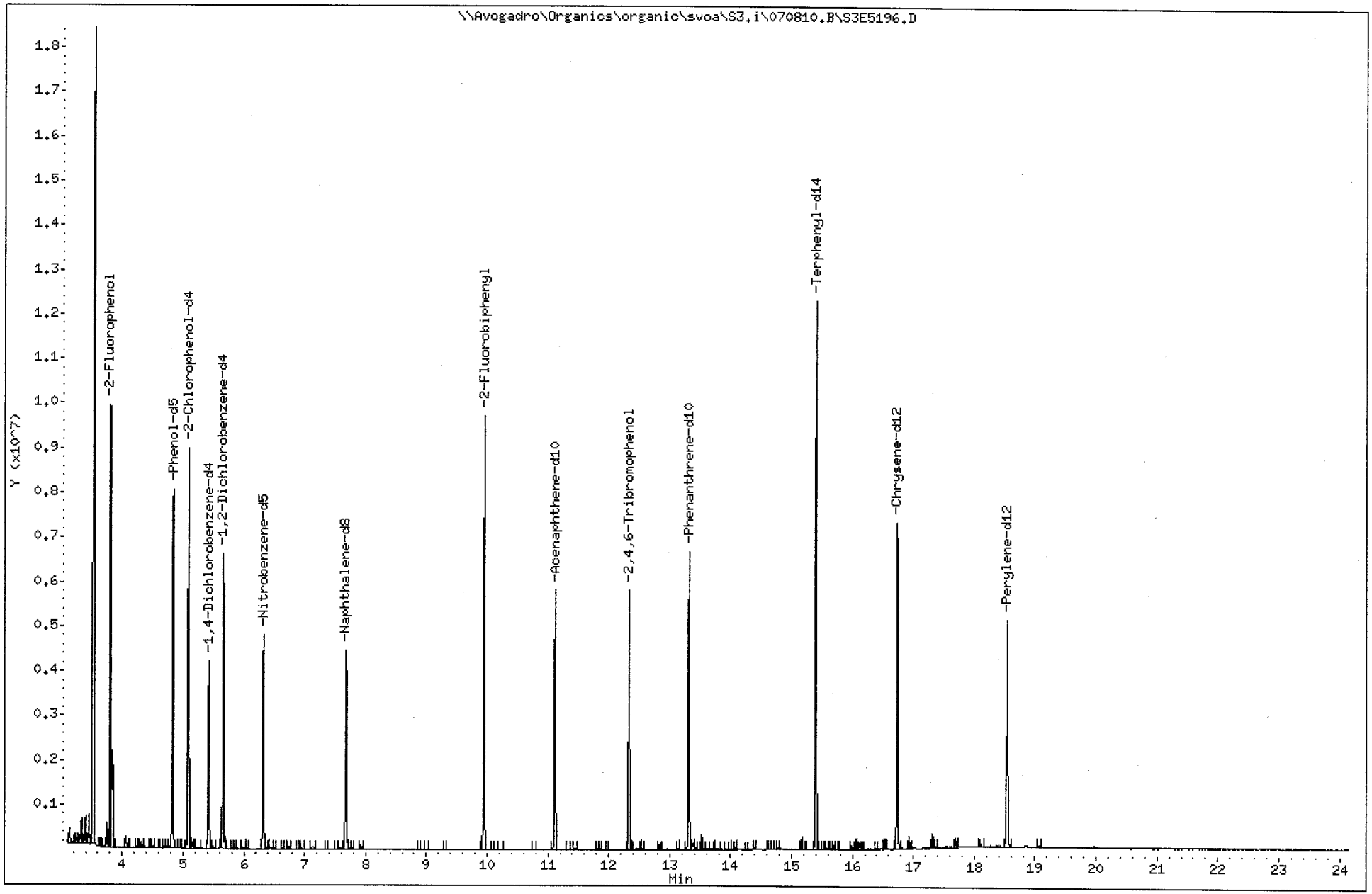
Number TICs found: 0

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5196.D
Date : 10-AUG-2007 16:56
Client ID: SBLK3R
Sample Info: MB-31231,SBLK3R,31231
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: LIMS
Column diameter: 0.25



9599

Data File: S3E5196.D
Report Date: 15-Aug-2007 11:49

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5196.D
Lab Smp Id: MB-31231 Client Smp ID: SBLK3R
Inj Date : 10-AUG-2007 16:56
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : MB-31231,SBLK3R,31231
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 97 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.807	3.793	(0.702)	2566710	108.733	1800
$	3 Phenol-d5	99	4.838	4.834	(0.893)	3415239	104.581	1700
$	6 2-Chlorophenol-d4	132	5.089	5.091	(0.939)	2667464	109.424	1800
*	8 1,4-Dichlorobenzene-d4	152	5.420	5.422	(1.000)	786791	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.660	5.662	(1.044)	1268234	70.0654	1200
$	16 Nitrobenzene-d5	82	6.317	6.325	(0.823)	2315769	73.2699	1200
*	23 Naphthalene-d8	136	7.680	7.687	(1.000)	2884976	40.0000	
$	33 2-Fluorobiphenyl	172	9.950	9.952	(0.895)	4372032	72.2546	1200
*	41 Acenaphthene-d10	164	11.120	11.122	(1.000)	1663191	40.0000	
$	53 2,4,6-Tribromophenol	330	12.333	12.335	(0.927)	775966	84.1429	1400
*	58 Phenanthrene-d10	188	13.310	13.318	(1.000)	2885786	40.0000	
$	65 Terphenyl-d14	244	15.399	15.396	(0.920)	4572570	71.6764	1200
*	69 Chrysene-d12	240	16.734	16.742	(1.000)	3124141	40.0000	
*	76 Perylene-d12	264	18.540	18.542	(1.000)	2739142	40.0000	

8/15/07 SW

BEST

Data File: S3E5196.D
Report Date: 15-Aug-2007 11:49

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5196.D
Lab Smp Id: MB-31231 Client Smp ID: SBLK3R
Inj Date : 10-AUG-2007 16:56
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : MB-31231,SBLK3R,31231
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 97 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK3S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31309

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5197

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

0698

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK3S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31309

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5197

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

0786

1G

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

SBLK3S

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31309

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5197

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

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

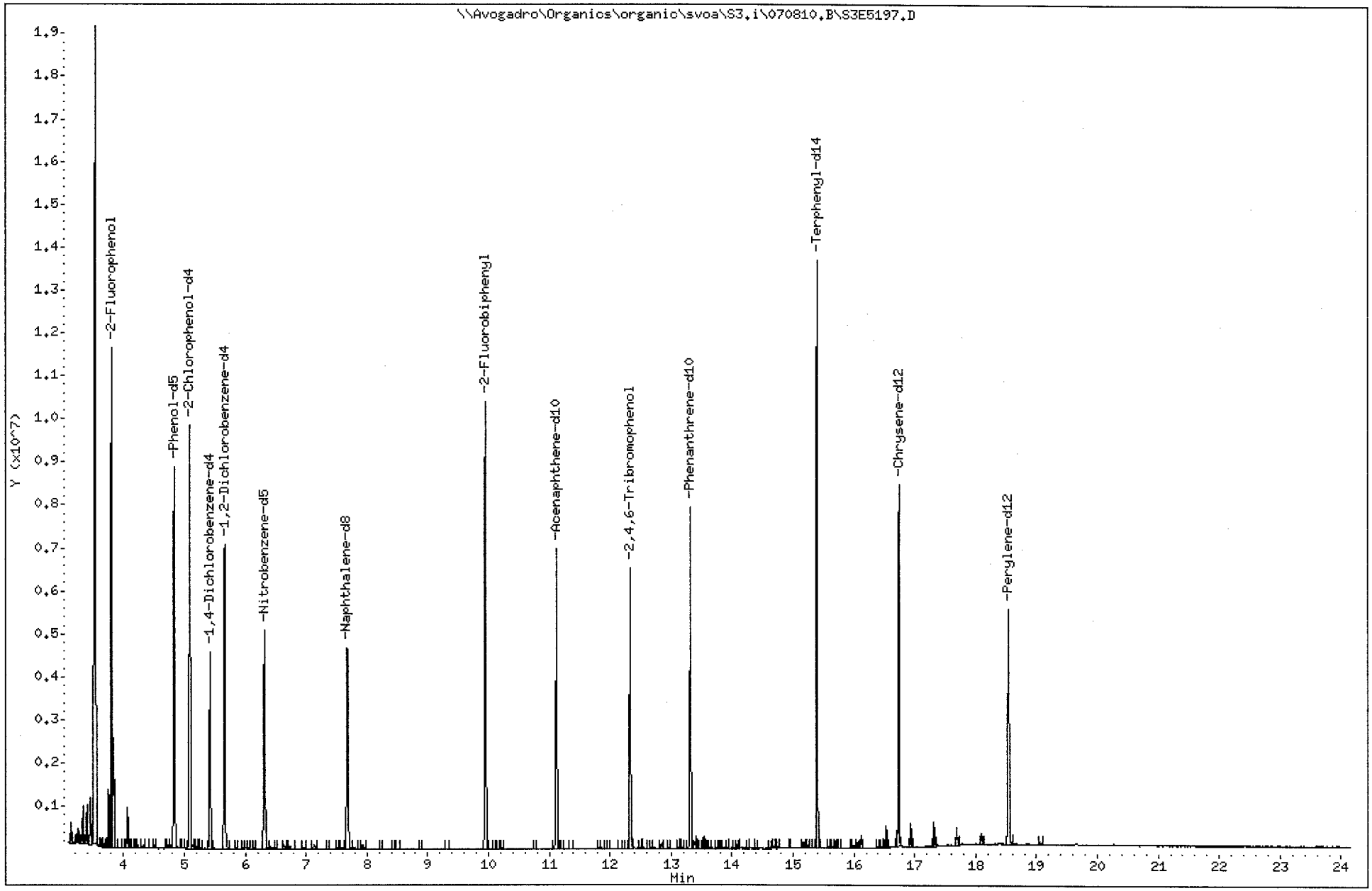
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.					
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Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5197.D
Date : 10-AUG-2007 17:30
Client ID: SBLK3S
Instrument: S3.i
Sample Info: MB-31309,SBLK3S,31309
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5197.D
Report Date: 15-Aug-2007 11:49

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5197.D
Lab Smp Id: MB-31309 Client Smp ID: SBLK3S
Inj Date : 10-AUG-2007 17:30
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : MB-31309,SBLK3S,31309
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 98 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.804	3.793	(0.702)	2882529	110.877	1800
$	3 Phenol-d5	99	4.835	4.834	(0.892)	3821453	106.253	1800
$	6 2-Chlorophenol-d4	132	5.091	5.091	(0.939)	2991675	111.432	1900
*	8 1,4-Dichlorobenzene-d4	152	5.423	5.422	(1.000)	866518	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.663	5.662	(1.044)	1436946	72.0820	1200
$	16 Nitrobenzene-d5	82	6.320	6.325	(0.823)	2573472	73.2357	1200
*	23 Naphthalene-d8	136	7.677	7.687	(1.000)	3207518	40.0000	
$	33 2-Fluorobiphenyl	172	9.953	9.952	(0.895)	4812464	70.5510	1200
*	41 Acenaphthene-d10	164	11.117	11.122	(1.000)	1874944	40.0000	
$	53 2,4,6-Tribromophenol	330	12.335	12.335	(0.927)	855295	83.7240	1400
*	58 Phenanthrene-d10	188	13.313	13.318	(1.000)	3196721	40.0000	
$	65 Terphenyl-d14	244	15.402	15.396	(0.920)	5090367	72.4611	1200
*	69 Chrysene-d12	240	16.737	16.742	(1.000)	3440254	40.0000	
*	76 Perylene-d12	264	18.538	18.542	(1.000)	3075810	40.0000	

8/15/07
SW

0763

Data File: S3E5197.D
Report Date: 15-Aug-2007 11:49

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5197.D
Lab Smp Id: MB-31309 Client Smp ID: SBLK3S
Inj Date : 10-AUG-2007 17:30
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : MB-31309,SBLK3S,31309
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 98 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK3Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31655

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5322

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/13/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/15/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	330	U
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	330	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SBLK3Y

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31655

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5322

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/13/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/15/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	830	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	830	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	37	J
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

0766

1G

EPA SAMPLE NO.

SBLK3Y

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31655

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5322

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

% Moisture: _____ Decanted: (Y/N) ___ Date Extracted: 08/13/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/15/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

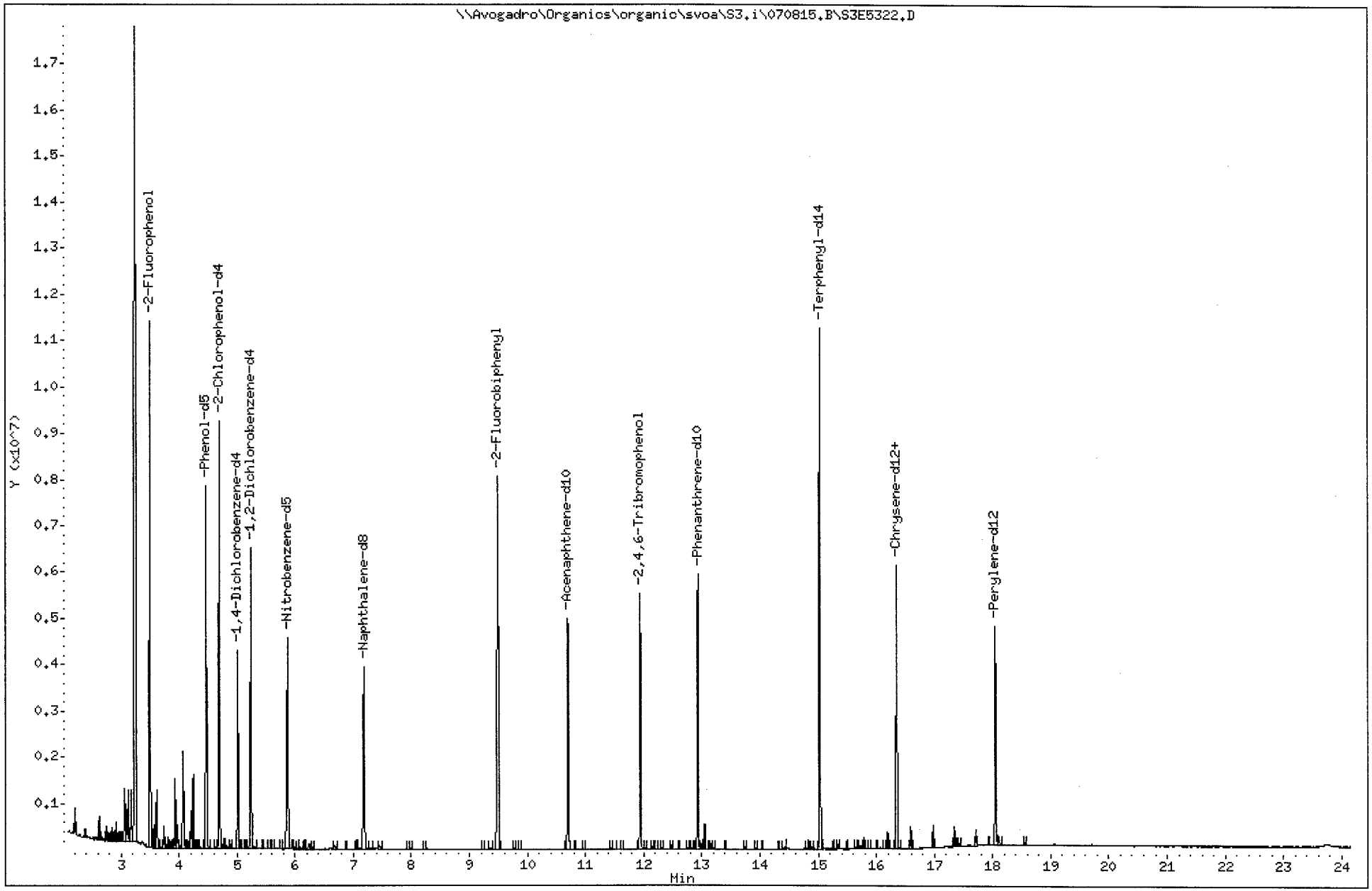
GPC Cleanup: (Y/N) Y pH: ___ Extraction: (Type) SONC

Number TICs found: 3

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.		UNKNOWN	4.07	360	J
2.		UNKNOWN	4.21	140	J
3.		UNKNOWN	4.25	230	J
4.					
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27.					
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30.					

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5322.D
Date : 15-AUG-2007 12:01
Client ID: SBLK3Y
Instrument: S3.i
Sample Info: MB-31655,SBLK3Y,31655
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



8615

Data File: S3E5322.D
Report Date: 15-Aug-2007 15:38

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5322.D
Lab Smp Id: MB-31655 Client Smp ID: SBLK3Y
Inj Date : 15-AUG-2007 12:01
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : MB-31655,SBLK3Y,31655
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 15:37 S3.i Quant Type: ISTD
Cal Date : 15-AUG-2007 11:19 Cal File: S3E5321.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET112

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.498	3.483	(0.698)	2492816	103.649	1700
$	3 Phenol-d5	99	4.470	4.466	(0.892)	3207328	101.336	1700
$	6 2-Chlorophenol-d4	132	4.695	4.696	(0.937)	2610806	109.185	1800
*	8 1,4-Dichlorobenzene-d4	152	5.010	5.011	(1.000)	783887	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.234	5.241	(1.045)	1305295	72.8944	1200
$	16 Nitrobenzene-d5	82	5.870	5.871	(0.817)	2214551	73.5096	1200
*	23 Naphthalene-d8	136	7.184	7.185	(1.000)	2718281	40.0000	
$	33 2-Fluorobiphenyl	172	9.492	9.493	(0.887)	4141819	73.4806	1200
*	41 Acenaphthene-d10	164	10.699	10.706	(1.000)	1503420	40.0000	
$	53 2,4,6-Tribromophenol	330	11.944	11.945	(0.924)	734584	94.4067	1600
*	58 Phenanthrene-d10	188	12.932	12.933	(1.000)	2466139	40.0000	
$	65 Terphenyl-d14	244	15.032	15.028	(0.920)	4106580	76.5348	1300
*	69 Chrysene-d12	240	16.346	16.352	(1.000)	2602699	40.0000	
	71 bis(2-Ethylhexyl)phthalate	149	16.357	16.358	(1.001)	93191	2.21304	37(a)
*	76 Perylene-d12	264	18.050	18.051	(1.000)	2363748	40.0000	

8/15/07 SW

0709

Data File: S3E5322.D
Report Date: 15-Aug-2007 15:38

QC Flag Legend

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

Data File: S3E5322.D
Report Date: 15-Aug-2007 15:38

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5322.D
Lab Smp Id: MB-31655 Client Smp ID: SBLK3Y
Inj Date : 15-AUG-2007 12:01
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : MB-31655,SBLK3Y,31655
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 15:37 S3.i Quant Type: ISTD
Cal Date : 15-AUG-2007 11:19 Cal File: S3E5321.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET112

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 8 1,4-Dichlorobenzene-d4	5.010	5045504	40.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
4.070	2754023	21.8334779	360	0		0	8
Unknown				CAS #:			
4.214	1058597	8.39239567	140	0		0	8
Unknown				CAS #:			
4.246	1717679	13.6174985	230	0		0	8

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5322.D

Date : 15-AUG-2007 12:01

Client ID: SBLK3Y

Instrument: S3.i

Sample Info: MB-31655,SBLK3Y,31655

Volume Injected (uL): 2.0

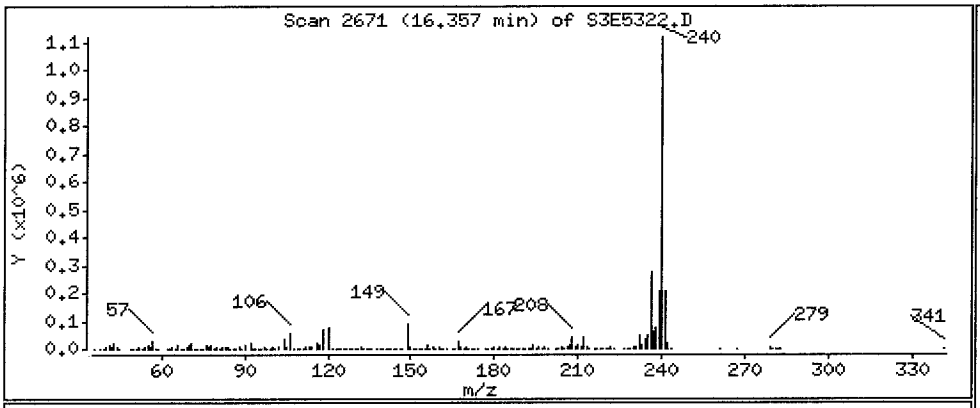
Operator: CLM SRC: LIMS

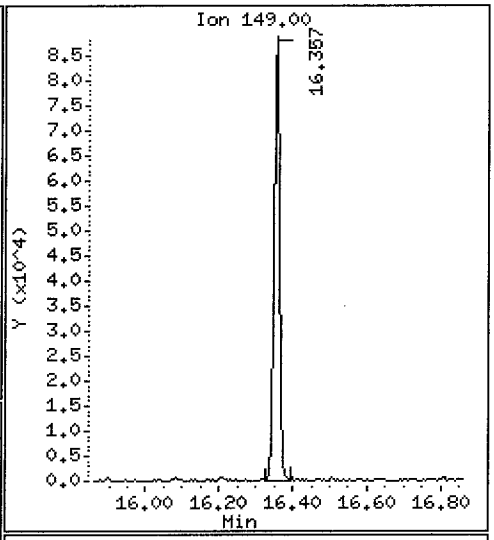
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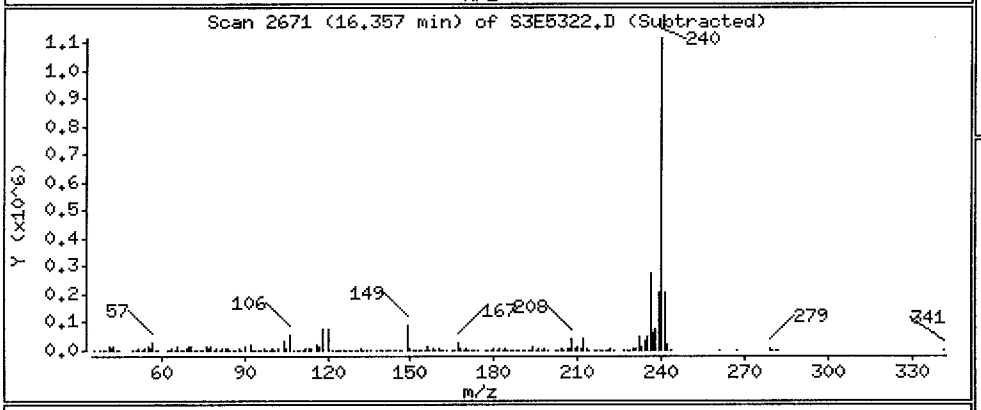
Column diameter: 0.25

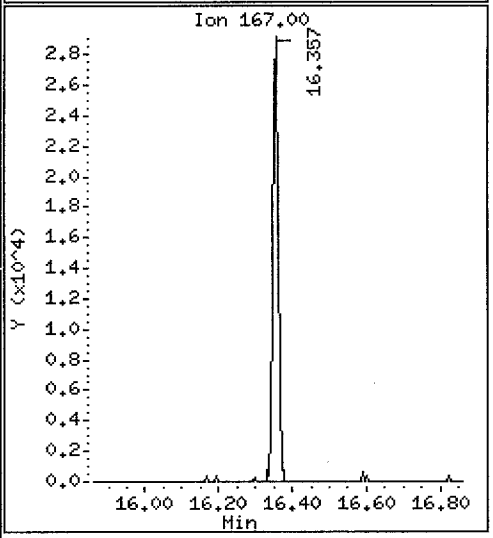
71 bis(2-Ethylhexyl)phthalate

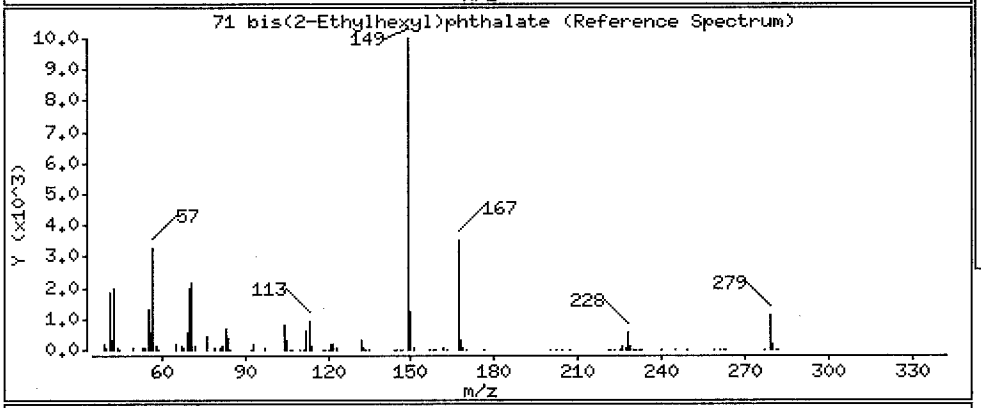
Concentration: 37 ug/Kg

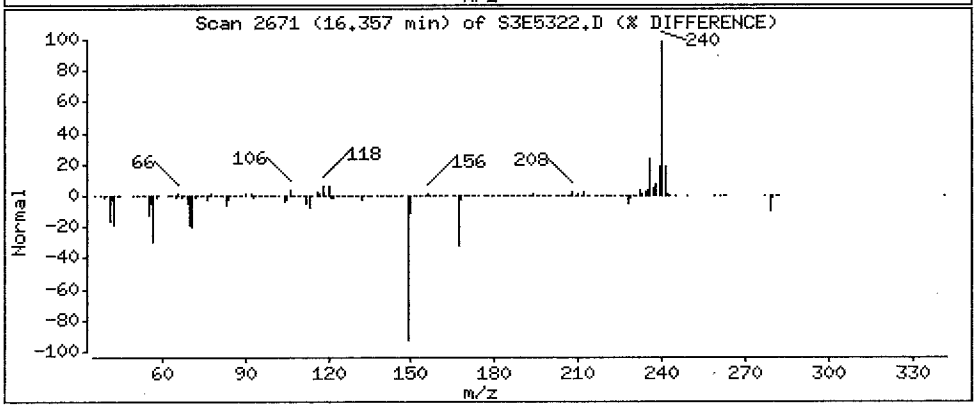












Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5322.D

Date : 15-AUG-2007 12:01

Client ID: SBLK3Y

Instrument: S3.i

Sample Info: MB-31655,SBLK3Y,31655

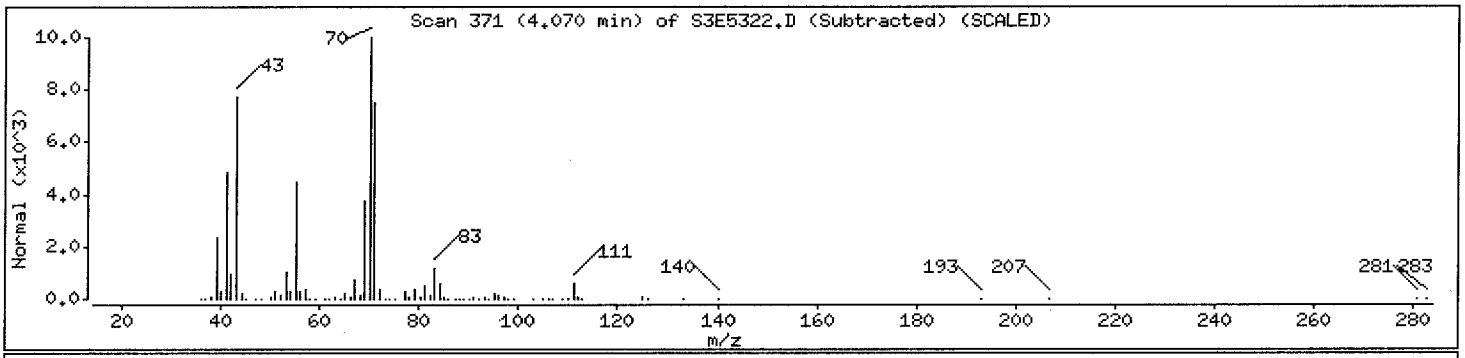
Volume Injected (uL): 2.0

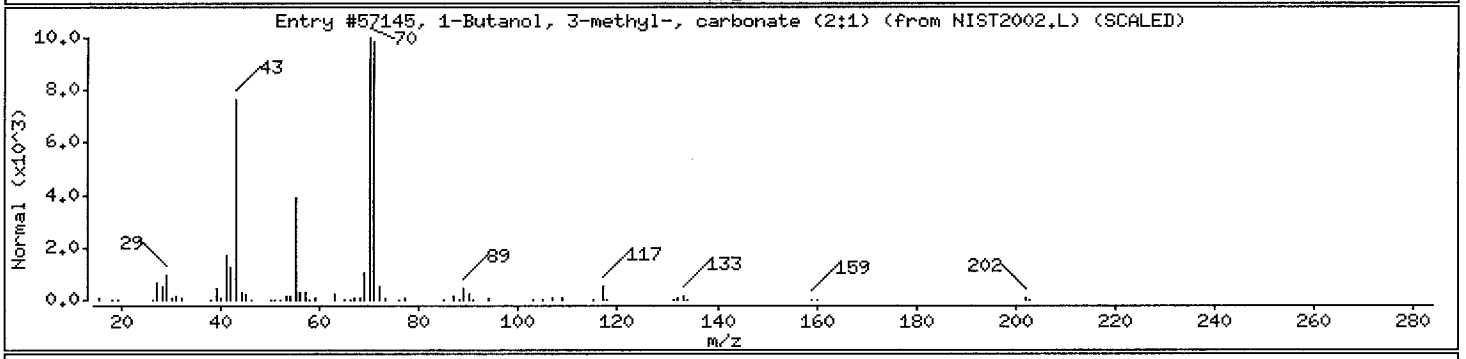
Operator: CLM SRC: LIMS

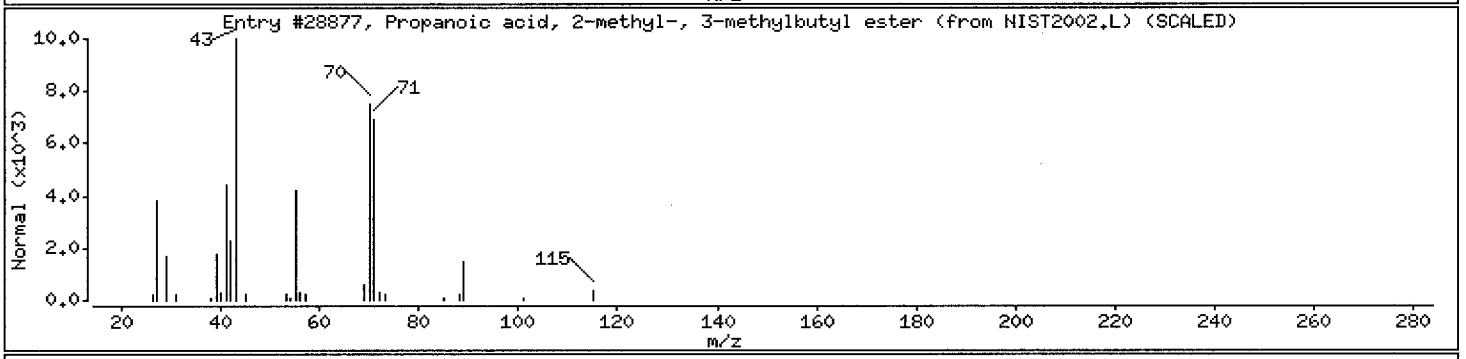
Column phase: DB-5MS

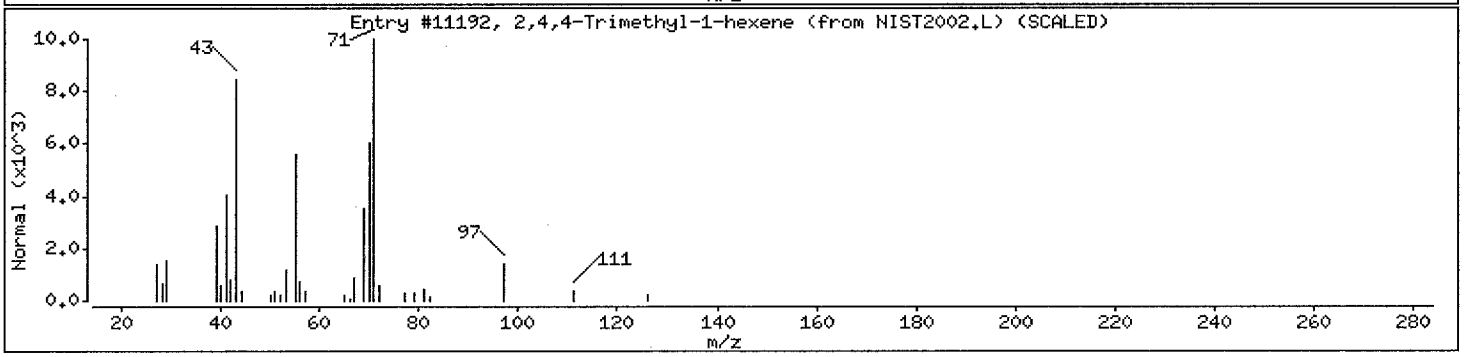
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
1-Butanol, 3-methyl-, carbonate (2:1)	2050-95-5	NIST2002.L	57145	72	C11H2203	202
Propanoic acid, 2-methyl-, 3-methylbutyl	2050-01-3	NIST2002.L	28877	64	C9H1802	158
2,4,4-Trimethyl-1-hexene	51174-12-0	NIST2002.L	11192	53	C9H18	126









Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5322.D

Date : 15-AUG-2007 12:01

Client ID: SBLK3Y

Instrument: S3.i

Sample Info: MB-31655,SBLK3Y,31655

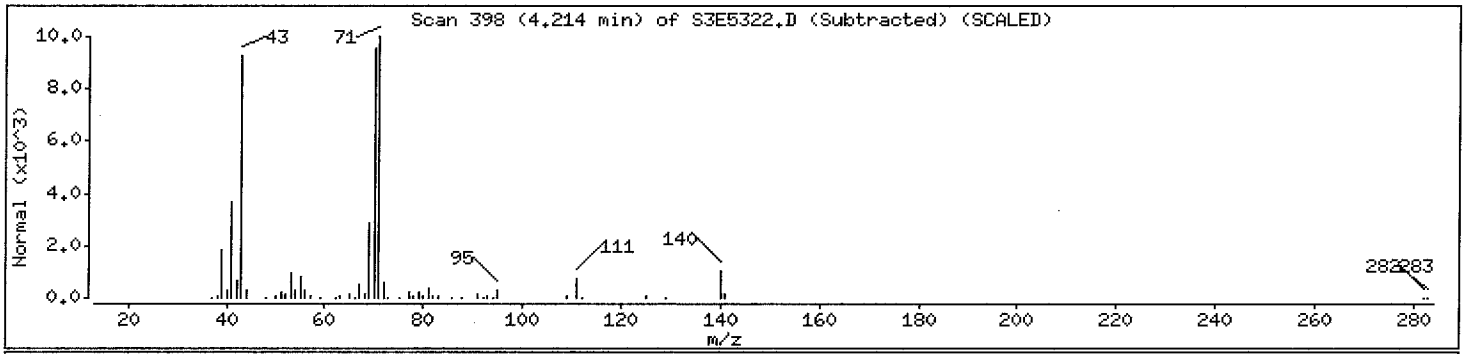
Volume Injected (uL): 2.0

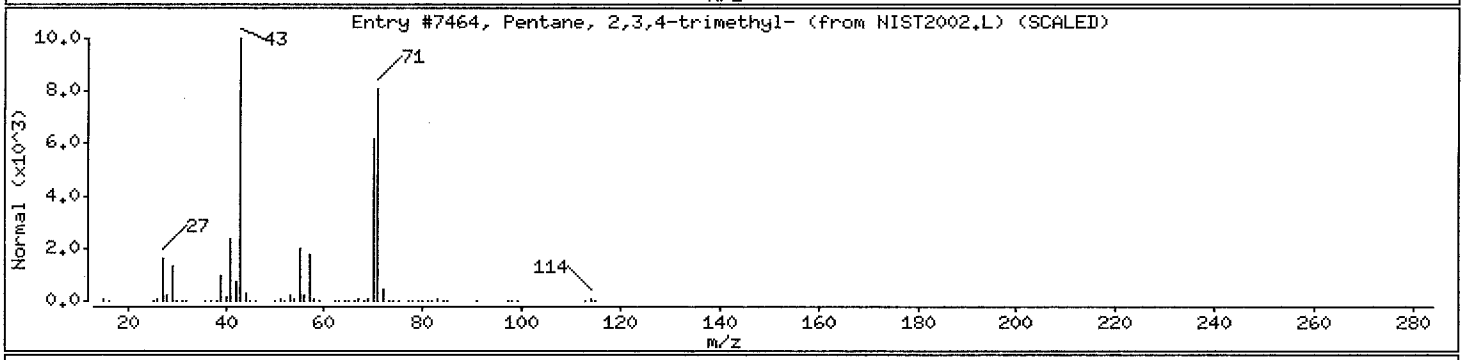
Operator: CLM SRC: LIMS

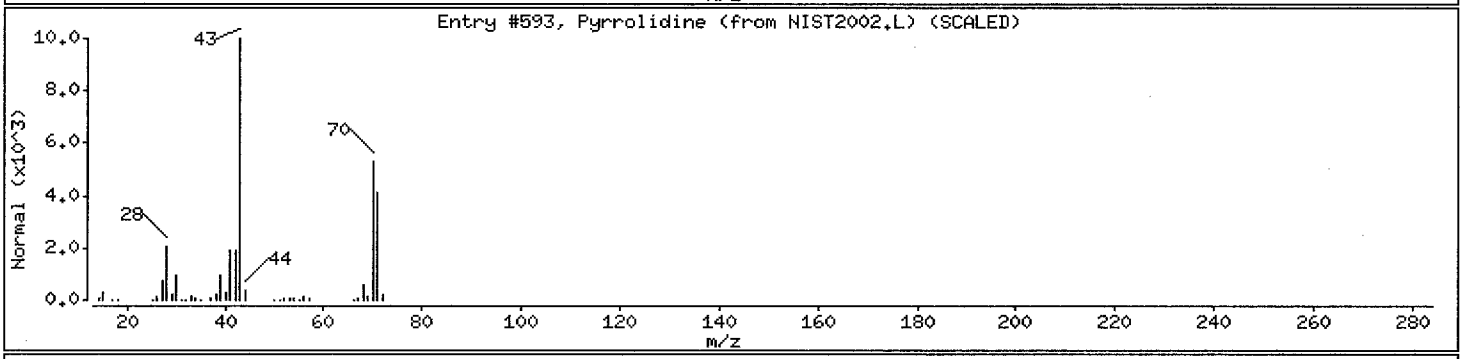
Column phase: DB-5MS

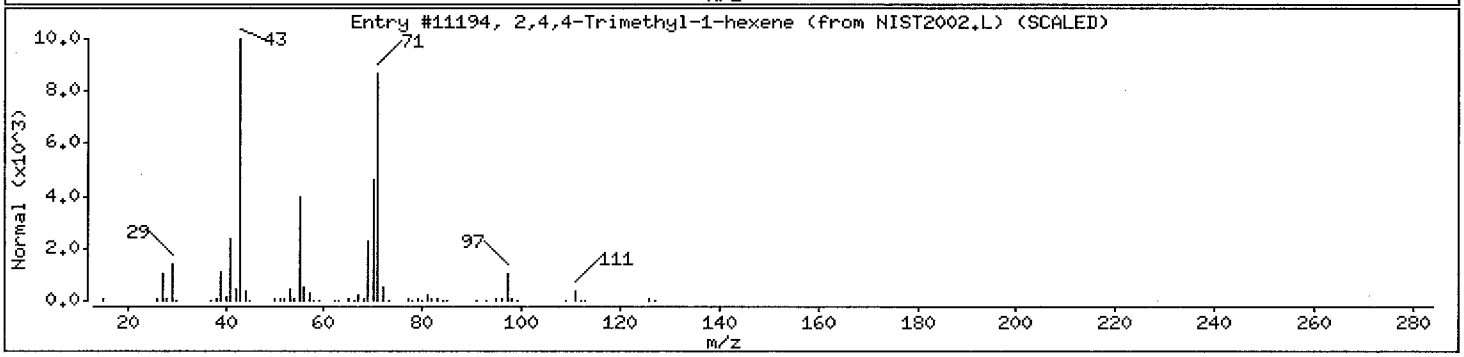
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Pentane, 2,3,4-trimethyl-	565-75-3	NIST2002.L	7464	72	C8H18	114
Pyrrolidine	123-75-1	NIST2002.L	593	56	C4H9N	71
2,4,4-Trimethyl-1-hexene	51174-12-0	NIST2002.L	11194	53	C9H18	126









071Y

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5322.D

Date : 15-AUG-2007 12:01

Client ID: SBLK3Y

Instrument: S3.i

Sample Info: MB-31655,SBLK3Y,31655

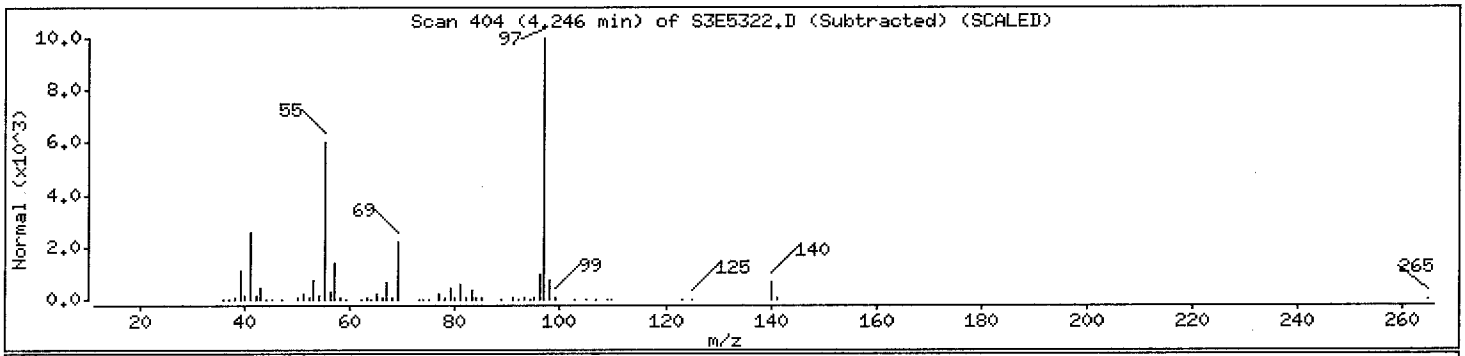
Volume Injected (uL): 2.0

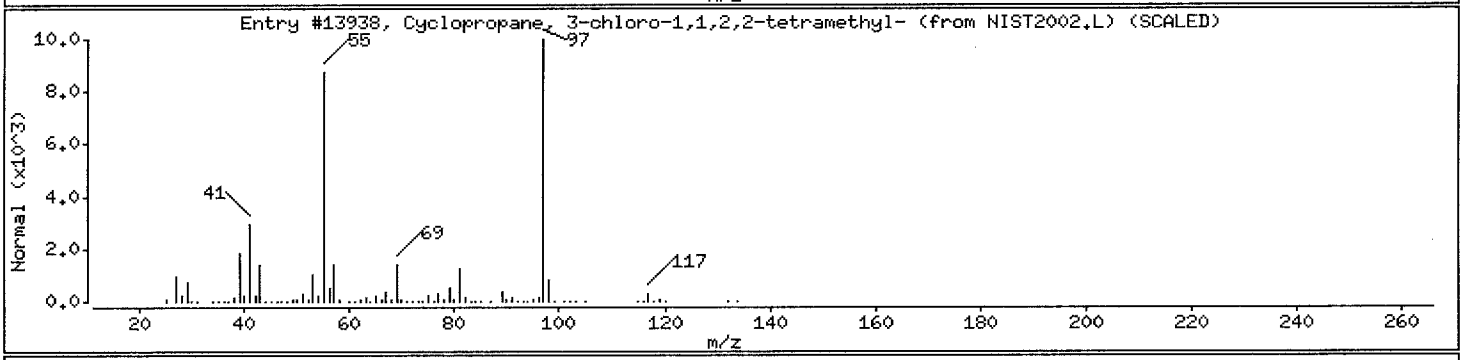
Operator: CLM SRC: LIMS

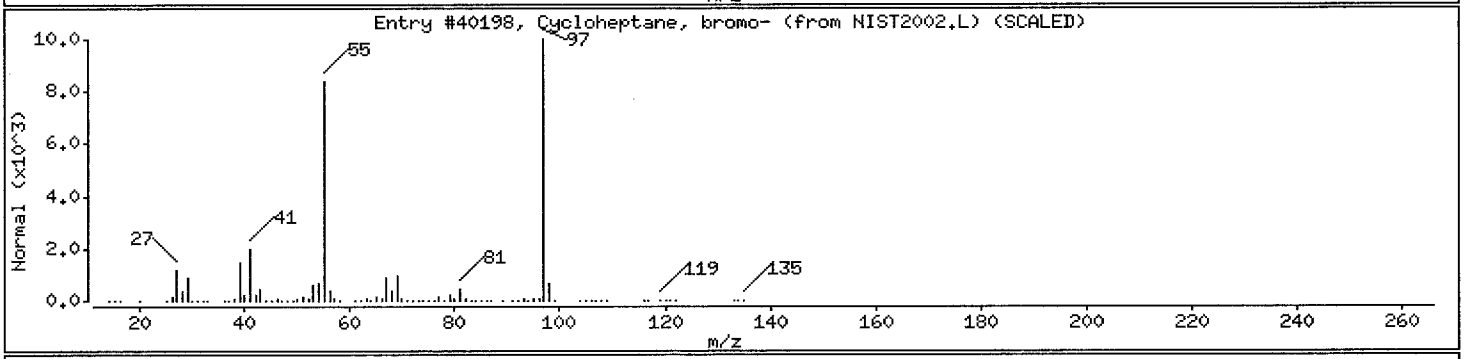
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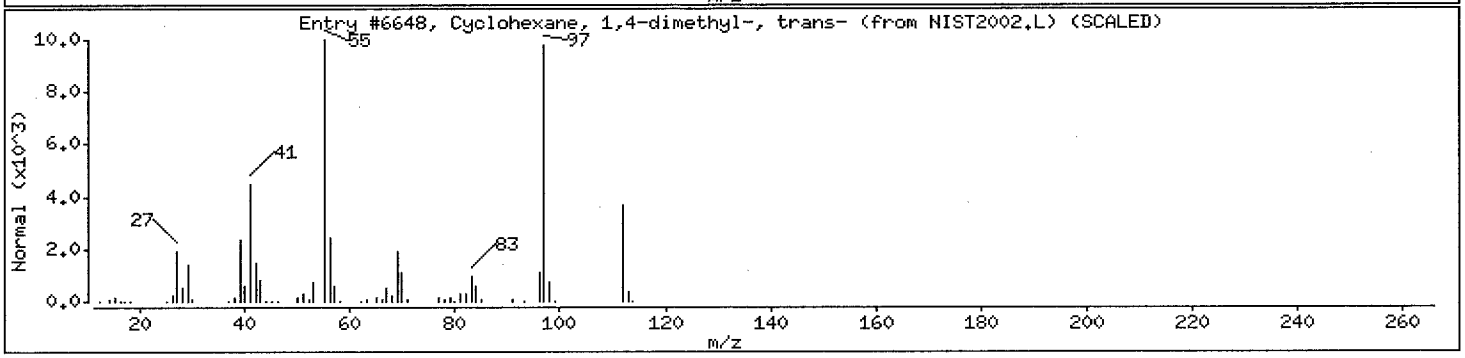
Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclopropane, 3-chloro-1,1,2,2-tetrameth	14123-41-2	NIST2002.L	13938	72	C7H13Cl	132
Cycloheptane, bromo-	2404-35-5	NIST2002.L	40198	64	C7H13Br	176
Cyclohexane, 1,4-dimethyl-, trans-	2207-04-7	NIST2002.L	6648	64	C8H16	112









1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3QLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31474

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5194

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	1800	
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	1900	
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	1100	
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	2000	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	1200	

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3QLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31474

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5194

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

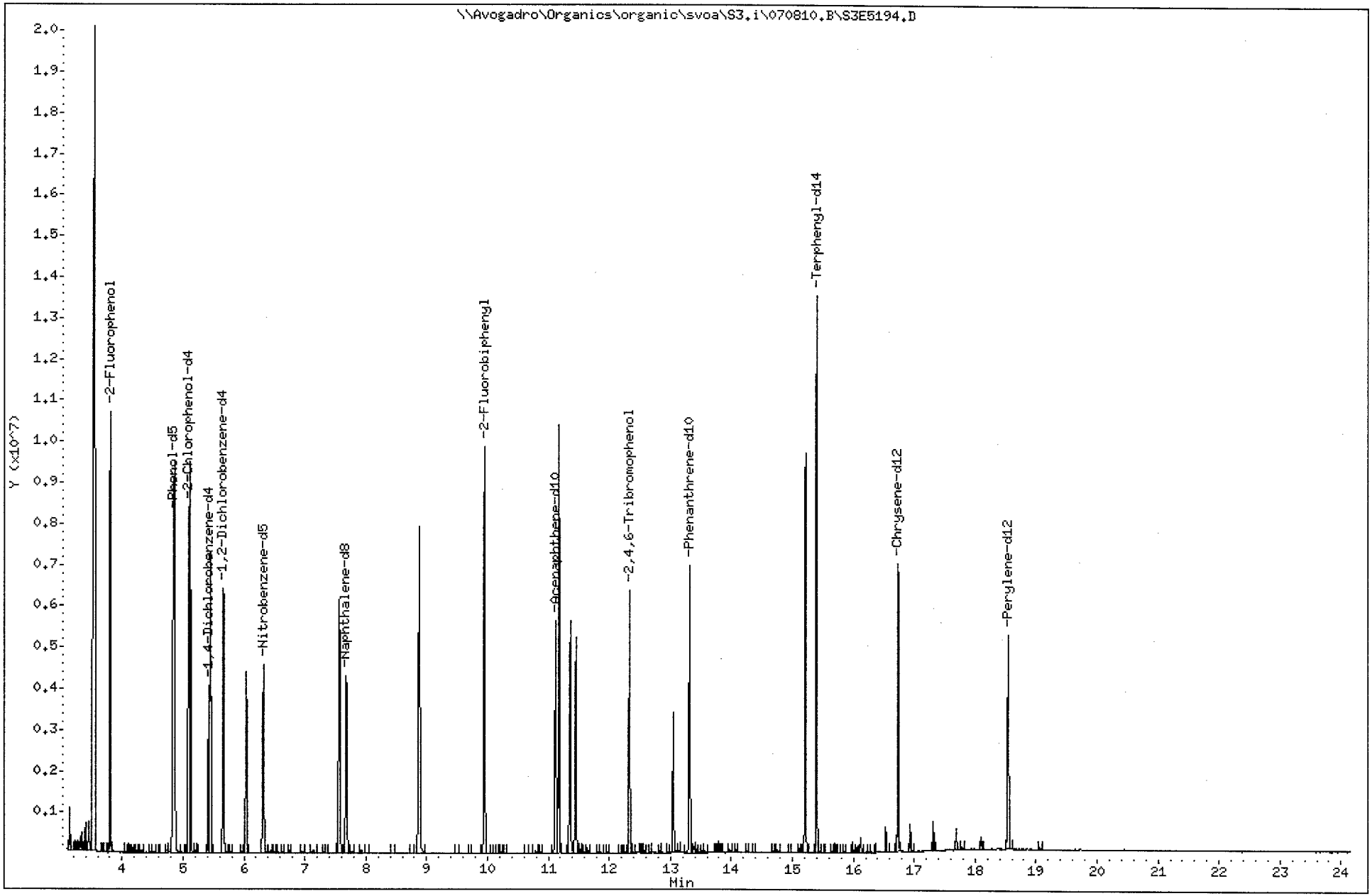
GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	1900	
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1200	
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	840	
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	940	
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

0717

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5194.D
Date : 10-AUG-2007 15:21
Client ID: S3QLCS
Instrument: S3.i
Sample Info: LCS-31474,S3QLCS,31474
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5194.D
Report Date: 15-Aug-2007 11:31

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5194.D
Lab Smp Id: LCS-31474 Client Smp ID: S3QLCS
Inj Date : 10-AUG-2007 15:21
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : LCS-31474,S3QLCS,31474
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET112

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.805	3.793	(0.702)	2582139	110.733	1800
$	3 Phenol-d5	99	4.841	4.834	(0.893)	3494334	108.320	1800
	4 Phenol	94	4.863	4.856	(0.897)	3708485	110.373	1800
$	6 2-Chlorophenol-d4	132	5.092	5.091	(0.939)	2709124	112.501	1900
	7 2-Chlorophenol	128	5.114	5.112	(0.943)	2701102	112.094	1900
*	8 1,4-Dichlorobenzene-d4	152	5.424	5.422	(1.000)	777226	40.0000	(Q)
$	9 1,2-Dichlorobenzene-d4	152	5.659	5.662	(1.043)	1306366	73.0603	1200
	14 N-Nitroso-di-n-propylamine	70	6.038	6.047	(1.113)	1421696	65.6808	1100(Q)
$	16 Nitrobenzene-d5	82	6.321	6.325	(0.823)	2318850	75.1277	1300
*	23 Naphthalene-d8	136	7.678	7.687	(1.000)	2817378	40.0000	
	28 4-Chloro-3-Methylphenol	107	8.875	8.894	(1.156)	2523851	119.437	2000
$	33 2-Fluorobiphenyl	172	9.948	9.952	(0.895)	4449542	74.7720	1200
*	41 Acenaphthene-d10	164	11.118	11.122	(1.000)	1635689	40.0000	
	42 Acenaphthene	153	11.172	11.175	(1.005)	3320974	71.6178	1200
	44 4-Nitrophenol	109	11.359	11.357	(1.022)	853714	116.733	1900
	46 2,4-Dinitrotoluene	165	11.455	11.453	(1.030)	1252662	71.4312	1200(Q)
$	53 2,4,6-Tribromophenol	330	12.331	12.335	(0.926)	859027	95.0116	1600
	57 Pentachlorophenol	266	13.047	13.051	(0.980)	467507	50.4179	840
*	58 Phenanthrene-d10	188	13.314	13.318	(1.000)	2829236	40.0000	

Data File: S3E5194.D
Report Date: 15-Aug-2007 11:31

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	64 Pyrene	202	15.216	15.214	(0.909)	4718401	56.2831	940
$	65 Terphenyl-d14	244	15.397	15.396	(0.920)	4777532	75.6939	1300
*	69 Chrysene-d12	240	16.733	16.742	(1.000)	3090929	40.0000	
*	76 Perylene-d12	264	18.539	18.542	(1.000)	2708525	40.0000	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

8/15/07
SW

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31231

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5198

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	1800	
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	1900	
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	1200	
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	2000	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	1200	

8721

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3RLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31231

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5198

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 07/18/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

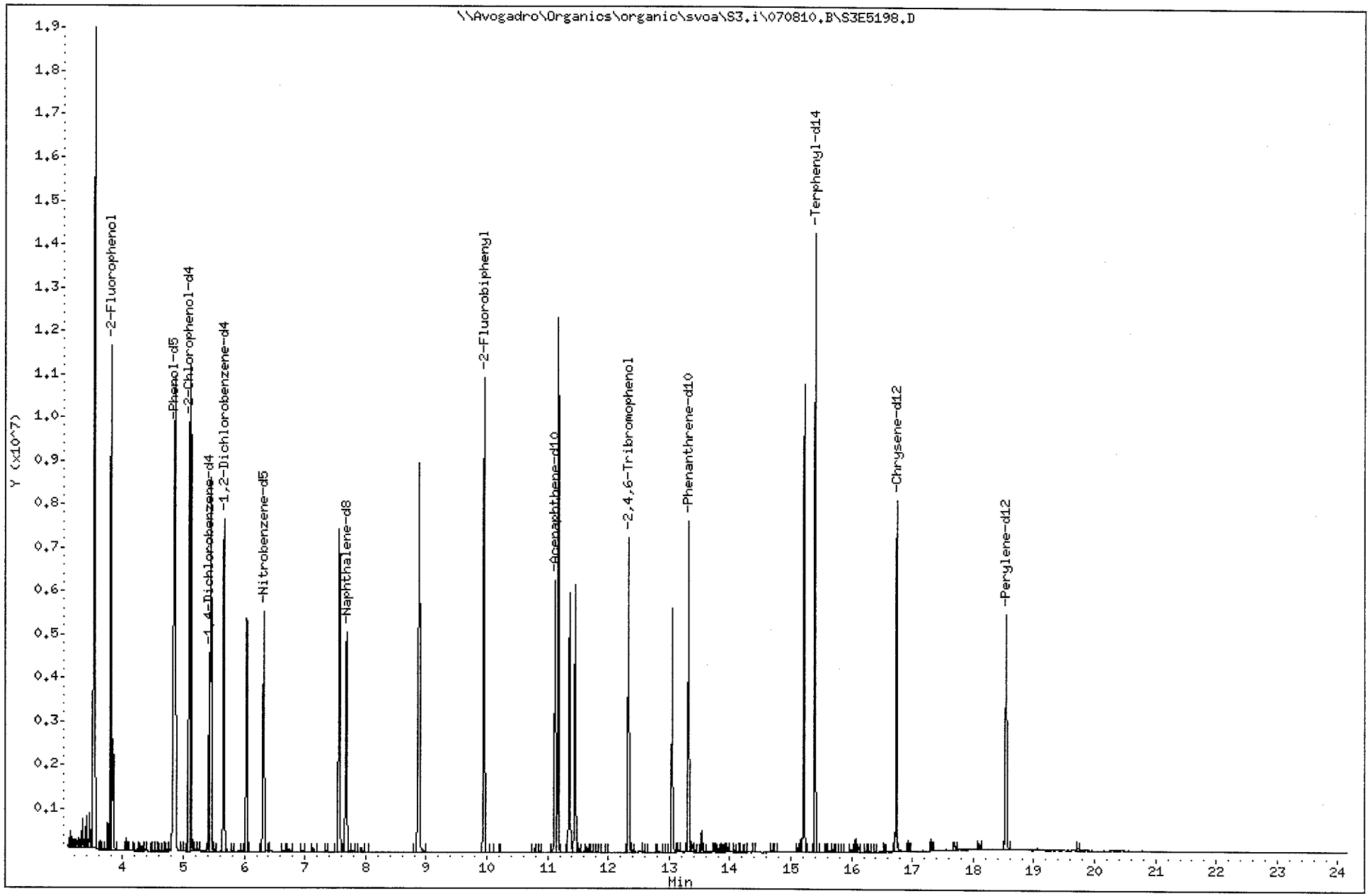
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	1900	
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1200	
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	1300	
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	920	
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5198.D
Date : 10-AUG-2007 18:03
Client ID: S3RLCS
Sample Info: LCS-31231,S3RLCS,31231
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: LIMS
Column diameter: 0.25



S3.i 8

Data File: S3E5198.D
Report Date: 15-Aug-2007 11:31

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5198.D
Lab Smp Id: LCS-31231 Client Smp ID: S3RLCS
Inj Date : 10-AUG-2007 18:03
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : LCS-31231,S3RLCS,31231
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 99 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET112

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.809	3.793	(0.702)	3029063	110.059	1800
$	3 Phenol-d5	99	4.845	4.834	(0.894)	4117342	108.138	1800
	4 Phenol	94	4.866	4.856	(0.898)	4291838	108.225	1800
$	6 2-Chlorophenol-d4	132	5.091	5.091	(0.939)	3234531	113.804	1900
	7 2-Chlorophenol	128	5.117	5.112	(0.944)	3167937	111.388	1900
*	8 1,4-Dichlorobenzene-d4	152	5.422	5.422	(1.000)	917336	40.0000	(Q)
$	9 1,2-Dichlorobenzene-d4	152	5.662	5.662	(1.044)	1529305	72.4652	1200
	14 N-Nitroso-di-n-propylamine	70	6.042	6.047	(1.114)	1859516	72.7865	1200(Q)
$	16 Nitrobenzene-d5	82	6.319	6.325	(0.823)	2734256	75.6223	1300
*	23 Naphthalene-d8	136	7.682	7.687	(1.000)	3300362	40.0000	
	28 4-Chloro-3-Methylphenol	107	8.878	8.894	(1.156)	2927737	118.274	2000
$	33 2-Fluorobiphenyl	172	9.952	9.952	(0.895)	5073977	74.5829	1200
*	41 Acenaphthene-d10	164	11.122	11.122	(1.000)	1869966	40.0000	
	42 Acenaphthene	153	11.175	11.175	(1.005)	3761308	70.9515	1200
	44 4-Nitrophenol	109	11.362	11.357	(1.022)	953316	114.021	1900
	46 2,4-Dinitrotoluene	165	11.453	11.453	(1.030)	1384940	69.0800	1200(Q)
$	53 2,4,6-Tribromophenol	330	12.335	12.335	(0.927)	1013444	99.4075	1700
	57 Pentachlorophenol	266	13.045	13.051	(0.980)	815728	78.0175	1300
*	58 Phenanthrene-d10	188	13.312	13.318	(1.000)	3190211	40.0000	

Data File: S3E5198.D
Report Date: 15-Aug-2007 11:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
64 Pyrene	202	15.214	15.214	(0.909)	5104812	55.0164	920
$ 65 Terphenyl-d14	244	15.401	15.396	(0.920)	5108623	73.1292	1200
* 69 Chrysene-d12	240	16.737	16.742	(1.000)	3421050	40.0000	
* 76 Perylene-d12	264	18.542	18.542	(1.000)	3009358	40.0000	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

SW 8/15/07

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3SLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31309

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5199

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

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

CAS NO.	COMPOUND		Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	1800	
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	1800	
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	1100	
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	1900	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	1100	

0726

1D

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

S3SLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31309

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5199

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 07/23/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

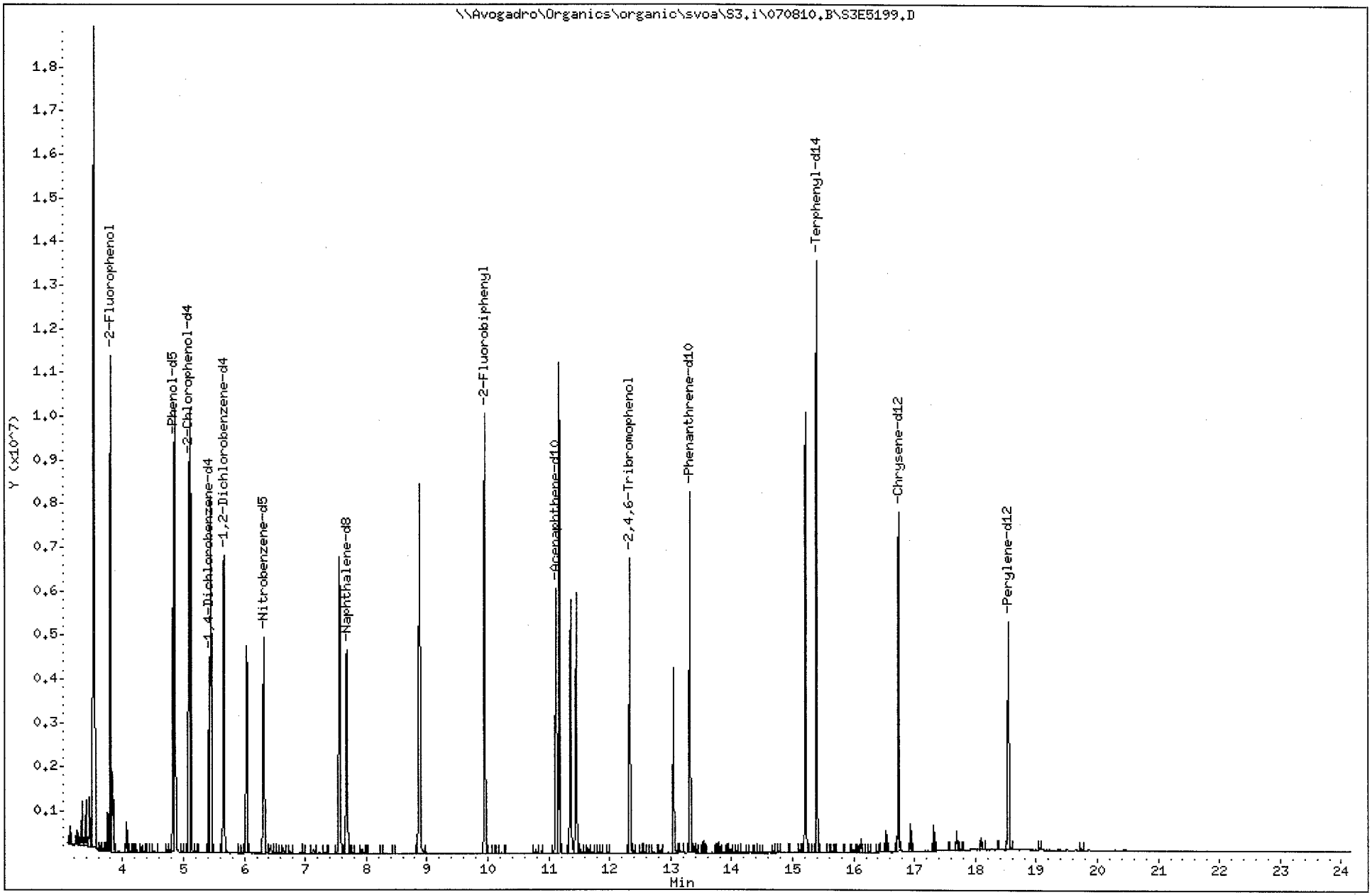
GPC Cleanup: (Y/N) Y pH: _____ Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	1800	
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1100	
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	970	
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	910	
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

07727

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5199.D
Date : 10-AUG-2007 18:38
Client ID: S3SLCS
Instrument: S3.i
Sample Info: LCS-31309,S3SLCS,31309
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



S2L9

Data File: S3E5199.D
Report Date: 15-Aug-2007 11:31

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5199.D
Lab Smp Id: LCS-31309 Client Smp ID: S3SLCS
Inj Date : 10-AUG-2007 18:38
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : LCS-31309,S3SLCS,31309
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 100 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET112

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)	
$	1 2-Fluorophenol	112	3.804	3.793	(0.702)	2780884	105.746	1800	
$	3 Phenol-d5	99	4.840	4.834	(0.893)	3799037	104.423	1700	
	4 Phenol	94	4.862	4.856	(0.897)	4022652	106.160	1800	
$	6 2-Chlorophenol-d4	132	5.091	5.091	(0.939)	2970535	109.381	1800	
	7 2-Chlorophenol	128	5.118	5.112	(0.944)	2957376	108.825	1800	
*	8 1,4-Dichlorobenzene-d4	152	5.423	5.422	(1.000)	876528	40.0000		(Q)
$	9 1,2-Dichlorobenzene-d4	152	5.663	5.662	(1.044)	1400922	69.4723	1200	
	14 N-Nitroso-di-n-propylamine	70	6.037	6.047	(1.113)	1606413	65.8068	1100	(Q)
$	16 Nitrobenzene-d5	82	6.320	6.325	(0.823)	2502659	71.1160	1200	
*	23 Naphthalene-d8	136	7.682	7.687	(1.000)	3212232	40.0000		
	28 4-Chloro-3-Methylphenol	107	8.879	8.894	(1.156)	2735837	113.554	1900	
$	33 2-Fluorobiphenyl	172	9.953	9.952	(0.895)	4759604	71.6968	1200	
*	41 Acenaphthene-d10	164	11.117	11.122	(1.000)	1824717	40.0000		
	42 Acenaphthene	153	11.176	11.175	(1.005)	3568582	68.9853	1100	
	44 4-Nitrophenol	109	11.358	11.357	(1.022)	901284	110.471	1800	
	46 2,4-Dinitrotoluene	165	11.454	11.453	(1.030)	1326379	67.7996	1100	(Q)
$	53 2,4,6-Tribromophenol	330	12.335	12.335	(0.927)	904250	90.9685	1500	
	57 Pentachlorophenol	266	13.046	13.051	(0.980)	593778	58.2443	970	
*	58 Phenanthrene-d10	188	13.313	13.318	(1.000)	3110544	40.0000		

Data File: S3E5199.D
Report Date: 15-Aug-2007 11:31

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
64 Pyrene	202	15.215	15.214	(0.909)	4923135	54.5834	910
$ 65 Terphenyl-d14	244	15.396	15.396	(0.920)	4913709	72.3607	1200
* 69 Chrysene-d12	240	16.737	16.742	(1.000)	3325472	40.0000	
* 76 Perylene-d12	264	18.538	18.542	(1.000)	2877105	40.0000	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

8/15/07 SW

0736

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3YLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31655

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5323

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/13/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/15/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	330	U
108-95-2	Phenol	1700	
111-44-4	bis(2-Chloroethyl)Ether	330	U
95-57-8	2-Chlorophenol	1700	
95-48-7	2-Methylphenol	330	U
108-60-1	2,2'-oxybis(1-Chloropropane)	330	U
98-86-2	Acetophenone	330	U
106-44-5	4-Methylphenol	330	U
621-64-7	N-Nitroso-di-n-propylamine	1100	
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
111-91-1	bis(2-Chloroethoxy)methane	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
87-68-3	Hexachlorobutadiene	330	U
105-60-2	Caprolactam	330	U
59-50-7	4-Chloro-3-Methylphenol	1800	
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	830	U
92-52-4	1,1'-Biphenyl	330	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	830	U
131-11-3	Dimethylphthalate	330	U
606-20-2	2,6-Dinitrotoluene	330	U
208-96-8	Acenaphthylene	330	U
99-09-2	3-Nitroaniline	830	U
83-32-9	Acenaphthene	1100	

8731

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

S3YLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31655

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5323

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

% Moisture: 0 Decanted: (Y/N) N Date Extracted: 08/13/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/15/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

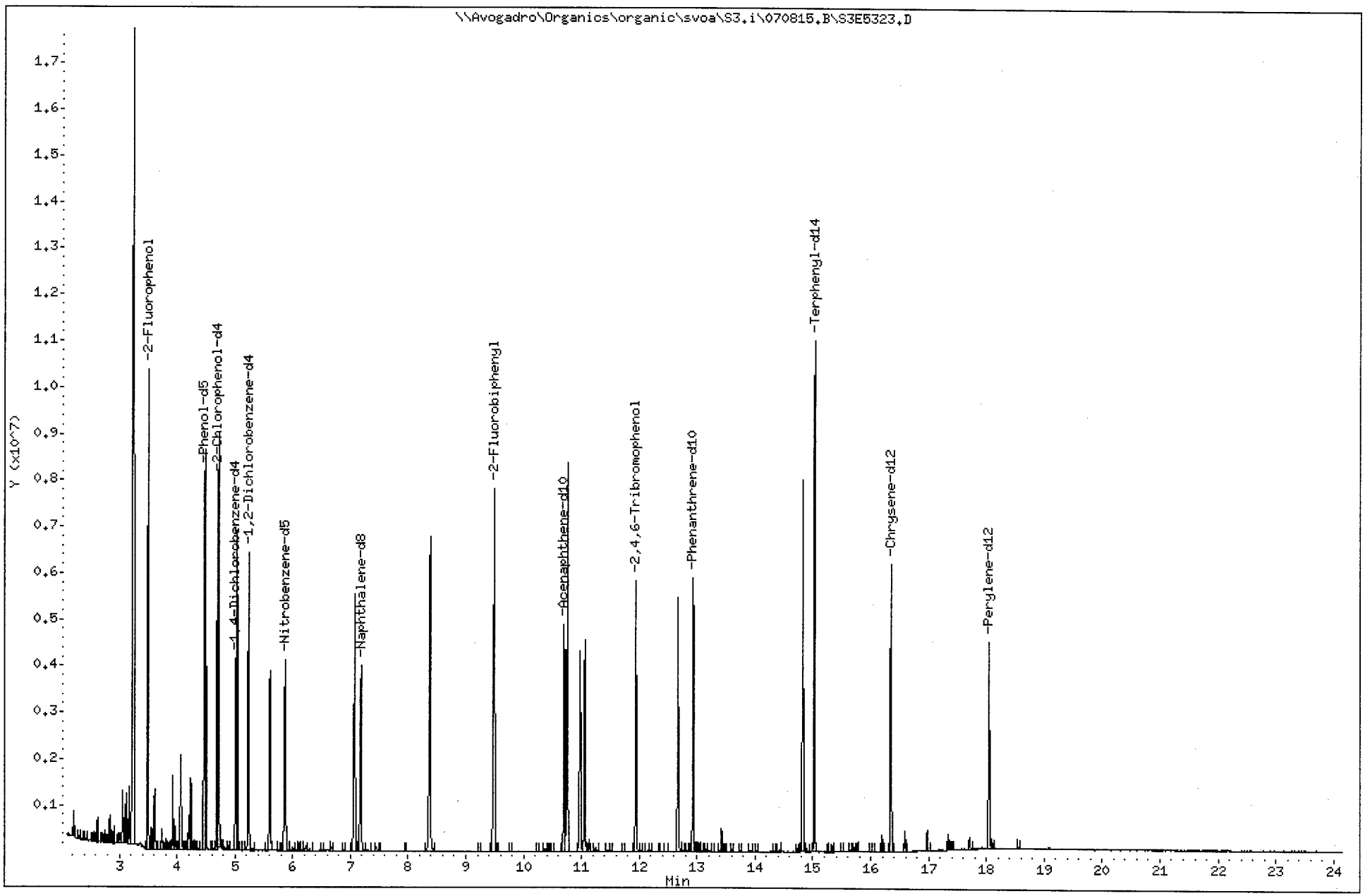
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
51-28-5	2,4-Dinitrophenol	830	U
100-02-7	4-Nitrophenol	1700	
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	1100	
84-66-2	Diethylphthalate	330	U
86-73-7	Fluorene	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
100-01-6	4-Nitroaniline	830	U
534-52-1	4,6-Dinitro-2-methylphenol	830	U
86-30-6	N-Nitrosodiphenylamine (1)	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
1912-24-9	Atrazine	330	U
87-86-5	Pentachlorophenol	1700	
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	870	
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3'-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U

(1) - Cannot be separated from Diphenylamine

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5323.D
Date : 15-AUG-2007 12:35
Client ID: S3YLCS
Sample Info: LCS-31655,S3YLCS,31655
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: LIMS
Column diameter: 0.25



Data File: S3E5323.D
Report Date: 15-Aug-2007 15:39

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\S3E5323.D
Lab Smp Id: LCS-31655 Client Smp ID: S3YLCS
Inj Date : 15-AUG-2007 12:35
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : LCS-31655,S3YLCS,31655
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070815.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 15:37 S3.i Quant Type: ISTD
Cal Date : 15-AUG-2007 11:19 Cal File: S3E5321.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET112

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)	
$	1 2-Fluorophenol	112	3.500	3.483	(0.698)	2351383	98.9094	1600	
$	3 Phenol-d5	99	4.472	4.466	(0.892)	3079497	98.4324	1600	
	4 Phenol	94	4.493	4.488	(0.897)	3222243	100.563	1700	
$	6 2-Chlorophenol-d4	132	4.696	4.696	(0.937)	2490532	105.370	1800	
	7 2-Chlorophenol	128	4.718	4.717	(0.941)	2414981	102.138	1700	
*	8 1,4-Dichlorobenzene-d4	152	5.012	5.011	(1.000)	774847	40.0000		(Q)
$	9 1,2-Dichlorobenzene-d4	152	5.236	5.241	(1.045)	1210926	68.4134	1100	
	14 N-Nitroso-di-n-propylamine	70	5.610	5.620	(1.119)	1272905	63.6054	1100	(Q)
$	16 Nitrobenzene-d5	82	5.872	5.871	(0.818)	2062712	69.9525	1200	
*	23 Naphthalene-d8	136	7.181	7.185	(1.000)	2660653	40.0000		
	28 4-Chloro-3-Methylphenol	107	8.377	8.393	(1.167)	2129827	109.963	1800	
$	33 2-Fluorobiphenyl	172	9.488	9.493	(0.887)	3925548	72.7741	1200	
*	41 Acenaphthene-d10	164	10.701	10.706	(1.000)	1438750	40.0000		
	42 Acenaphthene	153	10.760	10.759	(1.005)	2790556	67.0213	1100	
	44 4-Nitrophenol	109	10.973	10.973	(1.025)	703145	102.391	1700	
	46 2,4-Dinitrotoluene	165	11.059	11.058	(1.033)	991812	65.3098	1100	(Q)
$	53 2,4,6-Tribromophenol	330	11.946	11.945	(0.924)	780022	103.597	1700	
	57 Pentachlorophenol	266	12.667	12.672	(0.980)	739480	99.4815	1700	
*	58 Phenanthrene-d10	188	12.929	12.933	(1.000)	2386382	40.0000		

GT3H

Data File: S3E5323.D
Report Date: 15-Aug-2007 15:39

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	64 Pyrene	202	14.825	14.830	(0.907)	3749437	52.3913	870
$	65 Terphenyl-d14	244	15.028	15.028	(0.919)	3944367	73.8317	1200
*	69 Chrysene-d12	240	16.348	16.352	(1.000)	2591417	40.0000	
*	76 Perylene-d12	264	18.046	18.051	(1.000)	2333344	40.0000	

8/15/07 SW

QC Flag Legend

Q - Qualifier signal failed the ratio test.

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5203

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	2100	
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	2100	
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	1300	
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	45	J
59-50-7	4-Chloro-3-Methylphenol	2300	
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	970	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	970	U
83-32-9	Acenaphthene	1400	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11AMS

Sample wt/vol: 30.0 (g/mL) G Lab File ID: S3E5203

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

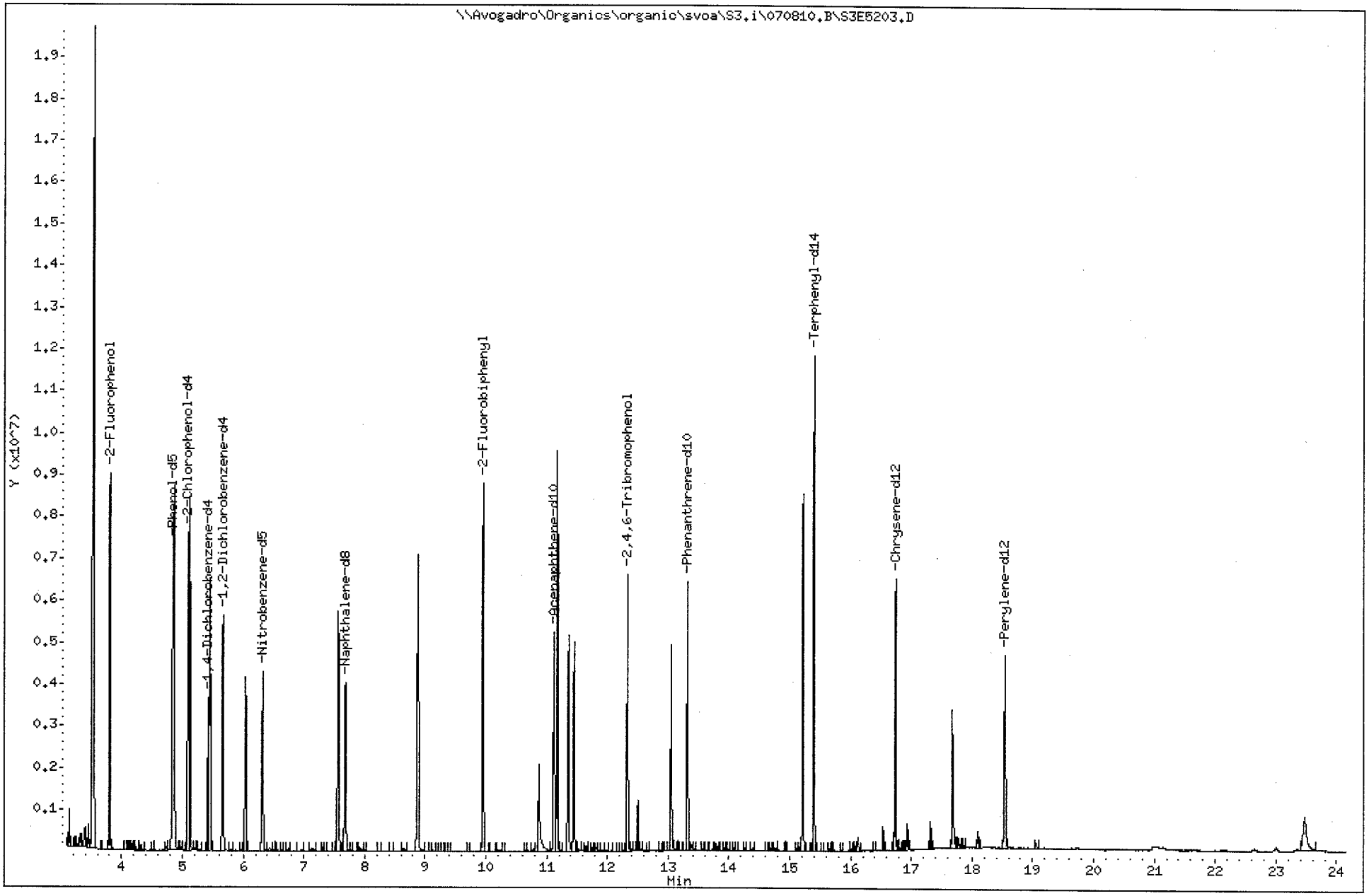
GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	970	U
100-02-7	4-Nitrophenol	2300	
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	1300	
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	1600	
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5203.D
Date : 10-AUG-2007 20:20
Client ID: MW-BR12MS
Sample Info: F0981-11AMS,,31474,,
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i
Operator: CLM SRC: LIMS
Column diameter: 0.25



GC/19

Data File: S3E5203.D
Report Date: 15-Aug-2007 11:47

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5203.D
Lab Smp Id: F0981-11AMS Client Smp ID: MW-BR12MS
Inj Date : 10-AUG-2007 20:20
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-11AMS,,31474,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 7 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET112

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.804	3.793	(0.702)	2289540	108.570	2100
$	3 Phenol-d5	99	4.841	4.834	(0.893)	3043276	104.315	2000
	4 Phenol	94	4.862	4.856	(0.897)	3293307	108.383	2100
$	6 2-Chlorophenol-d4	132	5.092	5.091	(0.939)	2402845	110.336	2100
	7 2-Chlorophenol	128	5.118	5.112	(0.944)	2416747	110.902	2100
*	8 1,4-Dichlorobenzene-d4	152	5.423	5.422	(1.000)	702883	40.0000	(Q)
$	9 1,2-Dichlorobenzene-d4	152	5.663	5.662	(1.044)	1110893	68.6994	1300
	14 N-Nitroso-di-n-propylamine	70	6.037	6.047	(1.113)	1289550	65.8771	1300(Q)
$	16 Nitrobenzene-d5	82	6.320	6.325	(0.823)	2007041	70.9881	1400
*	23 Naphthalene-d8	136	7.683	7.687	(1.000)	2580734	40.0000	
	27 Caprolactam	113	8.633	8.579	(1.124)	16872	2.33351	45(aQ)
	28 4-Chloro-3-Methylphenol	107	8.874	8.894	(1.155)	2256328	116.568	2300
$	33 2-Fluorobiphenyl	172	9.948	9.952	(0.895)	3897031	73.6255	1400
*	41 Acenaphthene-d10	164	11.118	11.122	(1.000)	1454888	40.0000	
	42 Acenaphthene	153	11.176	11.175	(1.005)	2934433	71.1460	1400
	44 4-Nitrophenol	109	11.358	11.357	(1.022)	770907	118.510	2300
	46 2,4-Dinitrotoluene	165	11.449	11.453	(1.030)	1086322	69.6440	1300(Q)
$	53 2,4,6-Tribromophenol	330	12.330	12.335	(0.926)	850238	104.515	2000
	57 Pentachlorophenol	266	13.046	13.051	(0.980)	680346	81.5446	1600

Data File: S3E5203.D
Report Date: 15-Aug-2007 11:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
* 58 Phenanthrene-d10	188	13.313	13.318	(1.000)	2545661	40.0000	
64 Pyrene	202	15.215	15.214	(0.909)	4207145	56.2712	1100
$ 65 Terphenyl-d14	244	15.397	15.396	(0.920)	4372463	77.6782	1500
* 69 Chrysene-d12	240	16.737	16.742	(1.000)	2756597	40.0000	
* 76 Perylene-d12	264	18.538	18.542	(1.000)	2400348	40.0000	

8/15/07 SW

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11AMSD

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5204

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
100-52-7	Benzaldehyde	380	U
108-95-2	Phenol	2000	
111-44-4	bis(2-Chloroethyl)Ether	380	U
95-57-8	2-Chlorophenol	2000	
95-48-7	2-Methylphenol	380	U
108-60-1	2,2'-oxybis(1-Chloropropane)	380	U
98-86-2	Acetophenone	380	U
106-44-5	4-Methylphenol	380	U
621-64-7	N-Nitroso-di-n-propylamine	1200	
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
111-91-1	bis(2-Chloroethoxy)methane	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
87-68-3	Hexachlorobutadiene	380	U
105-60-2	Caprolactam	380	U
59-50-7	4-Chloro-3-Methylphenol	2100	
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	960	U
92-52-4	1,1'-Biphenyl	380	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	380	U
606-20-2	2,6-Dinitrotoluene	380	U
208-96-8	Acenaphthylene	380	U
99-09-2	3-Nitroaniline	960	U
83-32-9	Acenaphthene	1300	

1D

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11AMSD

Sample wt/vol: 30.2 (g/mL) G Lab File ID: S3E5204

Level: (low/med) LOW Date Received: 07/25/07

% Moisture: 14 Decanted: (Y/N) N Date Extracted: 08/01/07

Concentrated Extract Volume: 500 (uL) Date Analyzed: 08/10/07

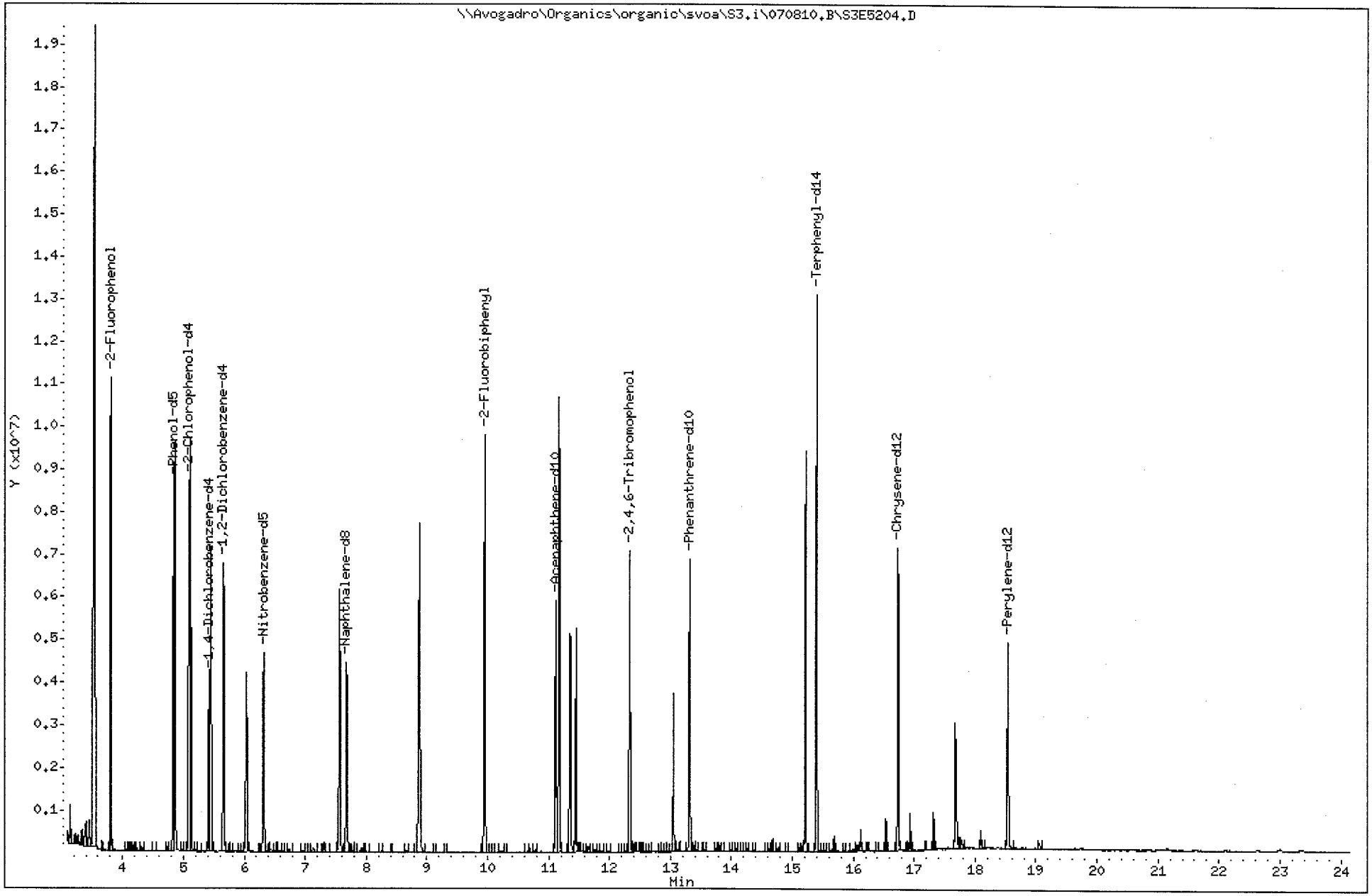
Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Extraction: (Type) SONC

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
51-28-5	2,4-Dinitrophenol	960	U
100-02-7	4-Nitrophenol	2100	
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	1200	
84-66-2	Diethylphthalate	380	U
86-73-7	Fluorene	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
100-01-6	4-Nitroaniline	960	U
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	N-Nitrosodiphenylamine (1)	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
1912-24-9	Atrazine	380	U
87-86-5	Pentachlorophenol	1100	
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	380	U
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	1000	
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3'-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	bis(2-Ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U

(1) - Cannot be separated from Diphenylamine

Data File: \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5204.D
Date : 10-AUG-2007 20:54
Client ID: MW-BR12MSD
Instrument: S3.i
Sample Info: F0981-11AMSD,,31474,,
Volume Injected (uL): 2.0
Operator: CLM SRC: LIMS
Column phase: DB-5MS
Column diameter: 0.25



Data File: S3E5204.D
Report Date: 15-Aug-2007 11:47

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\S3E5204.D
Lab Smp Id: F0981-11AMSD Client Smp ID: MW-BR12MSD
Inj Date : 10-AUG-2007 20:54
Operator : CLM SRC: LIMS Inst ID: S3.i
Smp Info : F0981-11AMSD,,31474,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070810.B\s3_olm4_2_S.m
Meth Date : 15-Aug-2007 11:23 S3.i Quant Type: ISTD
Cal Date : 10-AUG-2007 13:40 Cal File: S3E5191A.D
Als bottle: 8 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4.sub
Target Version: 4.14
Processing Host: TARGET112

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	1 2-Fluorophenol	112	3.807	3.793	(0.702)	2667424	107.165	2100
$	3 Phenol-d5	99	4.843	4.834	(0.893)	3549188	103.071	2000
	4 Phenol	94	4.859	4.856	(0.896)	3672039	102.385	2000
$	6 2-Chlorophenol-d4	132	5.094	5.091	(0.939)	2812639	109.422	2100
	7 2-Chlorophenol	128	5.116	5.112	(0.943)	2702233	105.058	2000
*	8 1,4-Dichlorobenzene-d4	152	5.425	5.422	(1.000)	829626	40.0000	(Q)
$	9 1,2-Dichlorobenzene-d4	152	5.660	5.662	(1.043)	1331026	69.7377	1300
	14 N-Nitroso-di-n-propylamine	70	6.034	6.047	(1.112)	1409799	61.0174	1200(Q)
$	16 Nitrobenzene-d5	82	6.318	6.325	(0.823)	2335886	71.9318	1400
*	23 Naphthalene-d8	136	7.680	7.687	(1.000)	2964172	40.0000	
	28 4-Chloro-3-Methylphenol	107	8.876	8.894	(1.156)	2434865	109.520	2100
$	33 2-Fluorobiphenyl	172	9.950	9.952	(0.895)	4440921	72.4326	1400
*	41 Acenaphthene-d10	164	11.120	11.122	(1.000)	1685245	40.0000	
	42 Acenaphthene	153	11.174	11.175	(1.005)	3201746	67.0162	1300
	44 4-Nitrophenol	109	11.361	11.357	(1.022)	809671	107.456	2100
	46 2,4-Dinitrotoluene	165	11.451	11.453	(1.030)	1165967	64.5324	1200(Q)
$	53 2,4,6-Tribromophenol	330	12.333	12.335	(0.926)	929412	101.329	2000
	57 Pentachlorophenol	266	13.049	13.051	(0.980)	546225	58.0662	1100
*	58 Phenanthrene-d10	188	13.316	13.318	(1.000)	2870211	40.0000	

Data File: S3E5204.D
Report Date: 15-Aug-2007 11:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	64 Pyrene	202	15.212	15.214	(0.909)	4404652	53.3759	1000
$	65 Terphenyl-d14	244	15.399	15.396	(0.920)	4616890	74.3117	1400
*	69 Chrysene-d12	240	16.735	16.742	(1.000)	3042558	40.0000	
*	76 Perylene-d12	264	18.540	18.542	(1.000)	2627493	40.0000	

QC Flag Legend

Q - Qualifier signal failed the ratio test.

8/15/07 SW

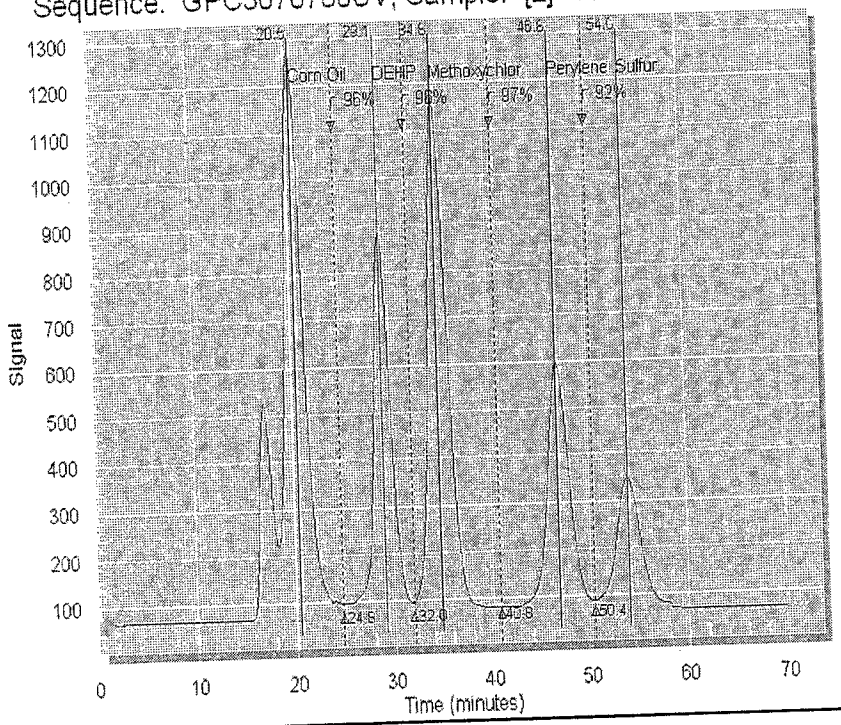
Column Calibration Report

Sample ID: GPC3070730-UV1
Sequence: GPC3070730UV
Description: sample
Volume: 5000
Method: GPC CALIBRATION
Position: 2
Outcome: Sample processed normally

Start Time: 13:32:14, 07/30/07
End Time: 14:44:29, 07/30/07

Column Name: DCMTrad
Description: DCM Trad
Serial #:
Pressure Limit: 30

Sequence: GPC3070730UV, Sample: [2] GPC3070730-UV1



GPC3070730-UV1

Peak	Sample	Retention Time	Pk Ht	Base	Res.	Tol.	P/F
1	Corn Oil	20.5	66	66.5			
2	DEHP	29.1	66	66.5	96.1	85.0	P
3	Methoxychlor	34.8	66	66.5	96.3	85.0	P
4	Perylene	46.8	66	66.5	97.1	85.0	P
5	Sulfur	54.0	66	66.5	91.7	85.0	P

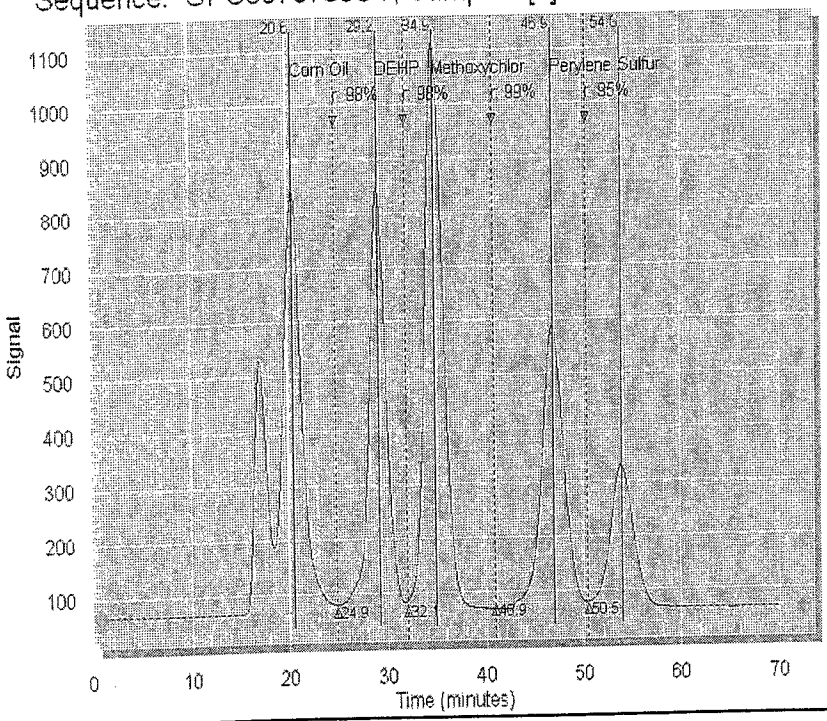
Column Calibration Report

Sample ID: GPC3070730-UV2
Sequence: GPC3070730UV
Description: sample
Volume: 5000
Method: GPC CALIBRATION
Position: 3
Outcome: Sample processed normally

Start Time: 14:44:29, 07/30/07
End Time: 15:56:46, 07/30/07

Column Name: DCMTrad
Description: DCM Trad
Serial #:
Pressure Limit: 30

Sequence: GPC3070730UV, Sample: [3] GPC3070730-UV2



GPC3070730-UV2

Peak	Sample	Retention Time	Pk Ht	Base	Res.	Tol.	P/F
1	Corn Oil	20.6	68	67.7			
2	DEHP	29.2	68	67.7	98.0	85.0	P
3	Methoxychlor	34.9	68	67.7	97.6	85.0	P
4	Perylene	46.9	68	67.7	99.4	85.0	P
5	Sulfur	54.0	68	67.7	95.3	85.0	P

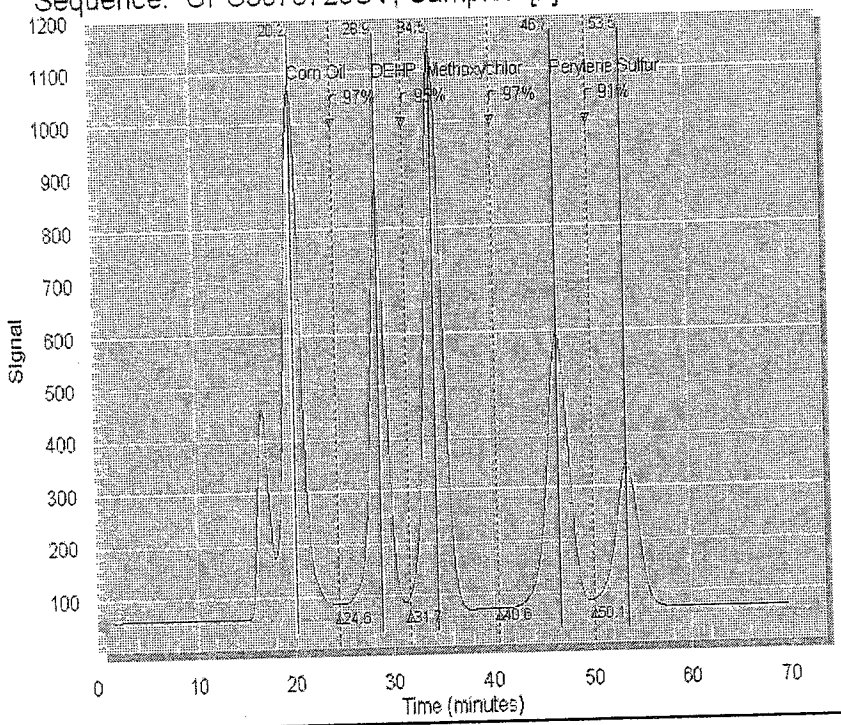
Column Calibration Report

Sample ID: GPC3070723-UV1
Sequence: GPC3070723UV
Description: sample
Volume: 5000
Method: GPC CALIBRATION
Position: 2
Outcome: Sample processed normally

Start Time: 10:19:21, 07/23/07
End Time: 11:31:38, 07/23/07

Column Name: DCMTrad
Description: DCM Trad
Serial #:
Pressure Limit: 30

Sequence: GPC3070723UV, Sample: [2] GPC3070723-UV1



GPC3070723-UV1

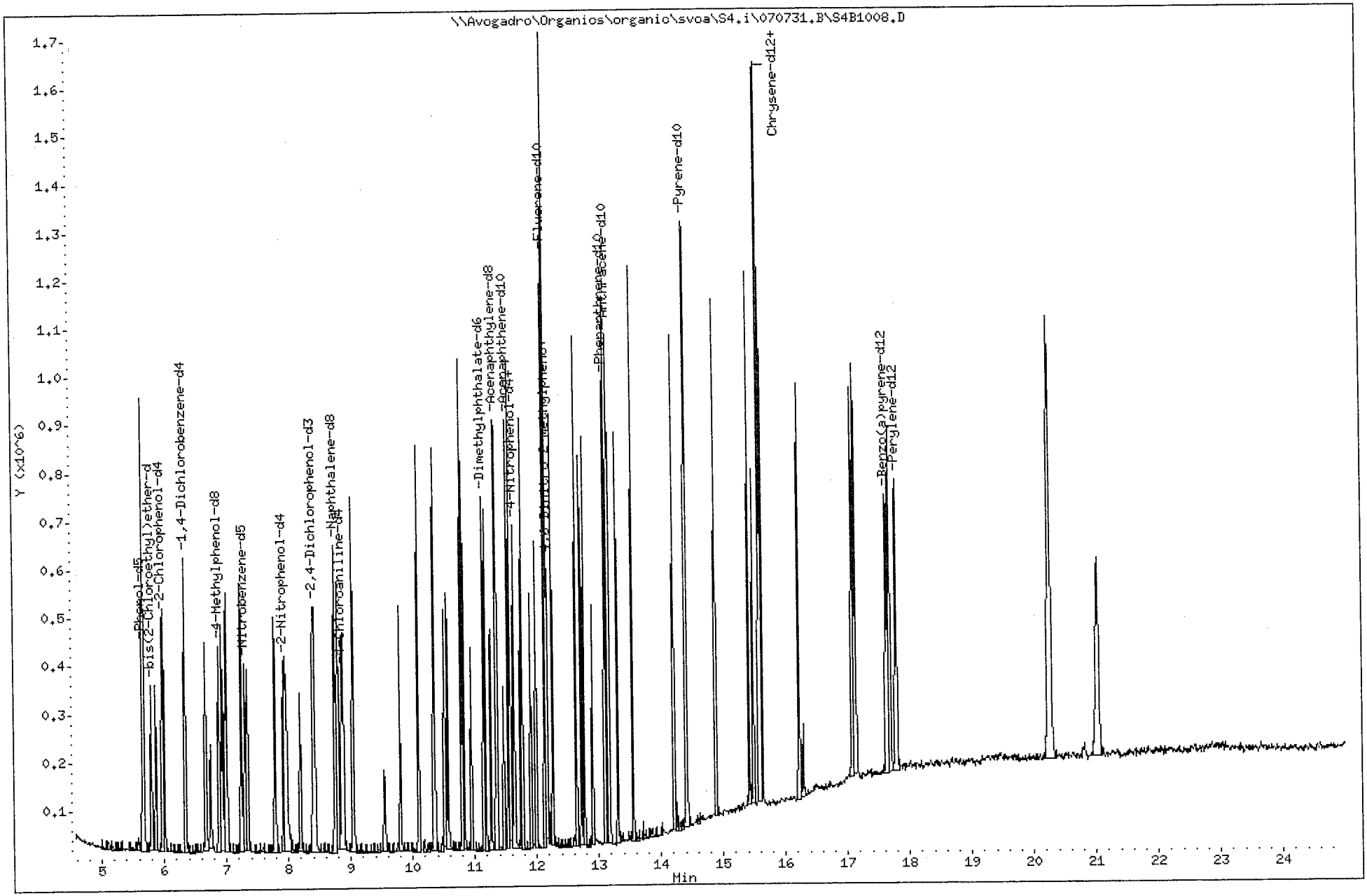
Peak	Sample	Retention Time	Pk Ht	Base	Res.	Tol.	P/F
1	Corn Oil	20.2	59	59.4			
2	DEHP	28.9	59	59.4	96.6	85.0	P
3	Methoxychlor	34.5	59	59.4	95.1	85.0	P
4	Perylene	46.7	59	59.4	97.5	85.0	P
5	Sulfur	53.5	59	59.4	90.7	85.0	P

AccuChrome (tm) by J2 Scientific

Data File: \\Avogadro\Organics\organic\svoa\S4.i\070731.B\S4B1008.D
Date : 31-JUL-2007 17:51
Client ID: SSTD02040
Sample Info: SSTD02040,SSTD02040
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S4.i

Operator: CLM SRC: CLM
Column diameter: 0.25



Data File: S4B1008.D
Report Date: 01-Aug-2007 08:14

Mitkem Corporation

CLP SOM QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S4.i\070731.B\S4B1008.D
Lab Smp Id: SSTD0204O Client Smp ID: SSTD0204O
Inj Date : 31-JUL-2007 17:51
Operator : CLM SRC: CLM Inst ID: S4.i
Smp Info : SSTD0204O,SSTD0204O
Misc Info : 2,3
Comment :
Method : \\Avogadro\Organics\organic\svoa\S4.i\070731.B\S4_SOM.m
Meth Date : 01-Aug-2007 08:14 cmosher Quant Type: ISTD
Cal Date : 27-JUL-2007 15:12 Cal File: S4B9915.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: TARGET111

Concentration Formula: Amt * DF * (Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vt	1000.000	Volume of final extract (uL)
Vi	2.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	
	1 Benzaldehyde	77	5.671	5.671	(0.894)	157189	40.0000	50	
$	2 Phenol-d5	99	5.651	5.651	(0.891)	174476	40.0000	42	
	3 Phenol	94	5.671	5.671	(0.894)	174453	40.0000	42	
$	4 bis(2-Chloroethyl)ether-d8	67	5.795	5.795	(0.914)	133424	40.0000	48	
	5 bis(2-Chloroethyl)ether	93	5.868	5.868	(0.925)	135044	40.0000	43	
$	6 2-Chlorophenol-d4	132	5.982	5.982	(0.943)	133470	40.0000	40	
	7 2-Chlorophenol	128	6.002	6.002	(0.946)	132913	40.0000	41	
*	8 1,4-Dichlorobenzene-d4	152	6.344	6.344	(1.000)	109708	40.0000	(Q)	
	9 2-Methylphenol	108	6.675	6.675	(1.052)	119928	40.0000	42	
	10 2,2'-oxybis(1-Chloropropane)	45	6.748	6.748	(1.064)	89882	40.0000	40	
$	11 4-Methylphenol-d8	113	6.882	6.882	(1.085)	120879	40.0000	41	
	12 4-Methylphenol	108	6.934	6.934	(1.093)	122897	40.0000	41	
	14 N-Nitroso-di-n-propylamine	70	6.986	6.986	(1.101)	118152	40.0000	47	
	13 Acetophenone	105	7.017	7.017	(1.106)	205665	40.0000	43	
	15 Hexachloroethane	117	7.244	7.244	(1.142)	80716	40.0000	46	
$	16 Nitrobenzene-d5	128	7.307	7.307	(0.835)	62232	40.0000	40	
	17 Nitrobenzene	77	7.338	7.338	(0.838)	223831	40.0000	48	
	18 Isophorone	82	7.783	7.783	(0.889)	310703	40.0000	47	
$	19 2-Nitrophenol-d4	143	7.928	7.928	(0.905)	68768	40.0000	40	
	20 2-Nitrophenol	139	7.959	7.959	(0.909)	67946	40.0000	39	
	21 2,4-Dimethylphenol	107	7.979	7.979	(0.911)	96222	40.0000	35	

Data File: S4B1008.D
Report Date: 01-Aug-2007 08:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	22 bis(2-Chloroethoxy)methane	93	8.197	8.197	(0.936)	148724	40.0000	42
$	23 2,4-Dichlorophenol-d3	165	8.404	8.404	(0.960)	121576	40.0000	40
	24 2,4-Dichlorophenol	162	8.424	8.424	(0.962)	110523	40.0000	38
*	25 Naphthalene-d8	136	8.756	8.756	(1.000)	364105	40.0000	
	26 Naphthalene	128	8.807	8.807	(1.006)	351183	40.0000	41
$	27 4-Chloroaniline-d4	131	8.859	8.859	(1.012)	132597	40.0000	36(Q)
	28 4-Chloroaniline	127	8.890	8.890	(1.015)	130696	40.0000	37
	29 Hexachlorobutadiene	225	9.045	9.045	(1.033)	118573	40.0000	42
	30 Caprolactam	113	9.542	9.542	(1.090)	38294	40.0000	42
	31 4-Chloro-3-methylphenol	107	9.801	9.801	(1.119)	121948	40.0000	41
	32 2-Methylnaphthalene	142	10.101	10.101	(1.154)	227541	40.0000	38
	33 Hexachlorocyclopentadiene	237	10.339	10.339	(0.896)	60666	40.0000	33
	34 1,2,4,5-Tetrachlorobenzene	216	10.360	10.360	(0.898)	139366	40.0000	41
	35 2,4,6-Trichlorophenol	196	10.526	10.526	(0.912)	75067	40.0000	39
	36 2,4,5-Trichlorophenol	196	10.577	10.577	(0.917)	85756	40.0000	42
	37 1,1'-Biphenyl	154	10.795	10.795	(0.935)	281081	40.0000	45
	38 2-Chloronaphthalene	162	10.826	10.826	(0.938)	207229	40.0000	43
	39 2-Nitroaniline	65	10.950	10.950	(0.949)	93855	40.0000	48
$	40 Dimethylphthalate-d6	166	11.157	11.157	(0.967)	275359	40.0000	44
	41 Dimethylphthalate	163	11.188	11.188	(0.970)	262825	40.0000	44
	42 2,6-Dinitrotoluene	165	11.271	11.271	(0.977)	56043	40.0000	41
$	43 Acenaphthylene-d8	160	11.354	11.354	(0.984)	318091	40.0000	42
	44 Acenaphthylene	152	11.374	11.374	(0.986)	313860	40.0000	45
	45 3-Nitroaniline	138	11.478	11.478	(0.995)	49824	40.0000	38
*	46 Acenaphthene-d10	164	11.540	11.540	(1.000)	179364	40.0000	
	47 Acenaphthene	153	11.581	11.581	(1.004)	215242	40.0000	42
	48 2,4-Dinitrophenol	184	11.602	11.602	(1.005)	27320	40.0000	31
$	49 4-Nitrophenol-d4	143	11.643	11.643	(1.009)	41504	40.0000	36
	50 4-Nitrophenol	109	11.654	11.654	(1.010)	72325	40.0000	46
	51 2,4-Dinitrotoluene	165	11.747	11.747	(1.018)	71761	40.0000	38(Q)
	52 Dibenzofuran	168	11.778	11.778	(1.021)	287650	40.0000	41
	53 Diethylphthalate	149	12.006	12.006	(1.040)	275159	40.0000	46
	118 2,3,4,6-Tetrachlorophenol	232	11.912	11.912	(1.032)	68920	40.0000	38
$	54 Fluorene-d10	176	12.130	12.130	(1.051)	239268	40.0000	39
	55 4-Chlorophenyl-phenylether	204	12.150	12.150	(1.053)	155073	40.0000	39
	56 Fluorene	166	12.161	12.161	(1.054)	269728	40.0000	43
	57 4-Nitroaniline	138	12.161	12.161	(1.054)	60288	40.0000	41
$	58 4,6-Dinitro-2-methylphenol-d2	200	12.182	12.182	(0.929)	48535	40.0000	31
	59 4,6-Dinitro-2-methylphenol	198	12.192	12.192	(0.930)	45609	40.0000	37(Q)
	60 N-Nitrosodiphenylamine	169	12.264	12.264	(0.935)	172401	40.0000	41
	61 4-Bromophenyl-phenylether	248	12.647	12.647	(0.964)	81501	40.0000	39
	62 Hexachlorobenzene	284	12.730	12.730	(0.971)	73526	40.0000	39
	63 Atrazine	200	12.772	12.772	(0.974)	92274	40.0000	40
	64 Pentachlorophenol	266	12.906	12.906	(0.984)	36657	40.0000	34
*	65 Phenanthrene-d10	188	13.113	13.113	(1.000)	324656	40.0000	
	66 Phenanthrene	178	13.134	13.134	(1.002)	383055	40.0000	45
$	67 Anthracene-d10	188	13.165	13.165	(1.004)	362634	40.0000	40
	68 Anthracene	178	13.186	13.186	(1.006)	366191	40.0000	44
	117 Carbazole	167	13.310	13.310	(1.015)	297766	40.0000	42
	70 Di-n-butylphthalate	149	13.558	13.558	(1.034)	461732	40.0000	50
	71 Fluoranthene	202	14.210	14.210	(1.084)	447087	40.0000	45
$	72 Pyrene-d10	212	14.407	14.407	(0.924)	394000	40.0000	40
	73 Pyrene	202	14.428	14.428	(0.925)	504966	40.0000	47
	74 Butylbenzylphthalate	149	14.893	14.893	(0.955)	220938	40.0000	45

Data File: S4B1008.D
Report Date: 01-Aug-2007 08:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	79 bis(2-Ethylhexyl)phthalate	149	15.421	15.421	(0.989)	311328	40.0000	46
	75 3,3'-Dichlorobenzidine	252	15.494	15.494	(0.993)	129077	40.0000	43
	76 Benzo(a)anthracene	228	15.587	15.587	(0.999)	560992	40.0000	48
*	77 Chrysene-d12	240	15.597	15.597	(1.000)	432234	40.0000	
	78 Chrysene	228	15.628	15.628	(1.002)	502487	40.0000	47
	80 Di-n-octylphthalate	149	16.228	16.228	(0.912)	540477	40.0000	42
	81 Benzo(b)fluoranthene	252	17.088	17.088	(0.960)	531241	40.0000	41
	82 Benzo(k)fluoranthene	252	17.129	17.129	(0.963)	561244	40.0000	41
$	83 Benzo(a)pyrene-d12	264	17.636	17.636	(0.991)	394300	40.0000	39
	84 Benzo(a)pyrene	252	17.688	17.688	(0.994)	502166	40.0000	43
*	85 Perylene-d12	264	17.791	17.791	(1.000)	383876	40.0000	
	86 Indeno(1,2,3-cd)pyrene	276	20.265	20.265	(1.139)	624350	40.0000	47
	87 Dibenzo(a,h)anthracene	278	20.275	20.275	(1.140)	540308	40.0000	47
	88 Benzo(g,h,i)perylene	276	21.031	21.031	(1.182)	506996	40.0000	46

QC Flag Legend

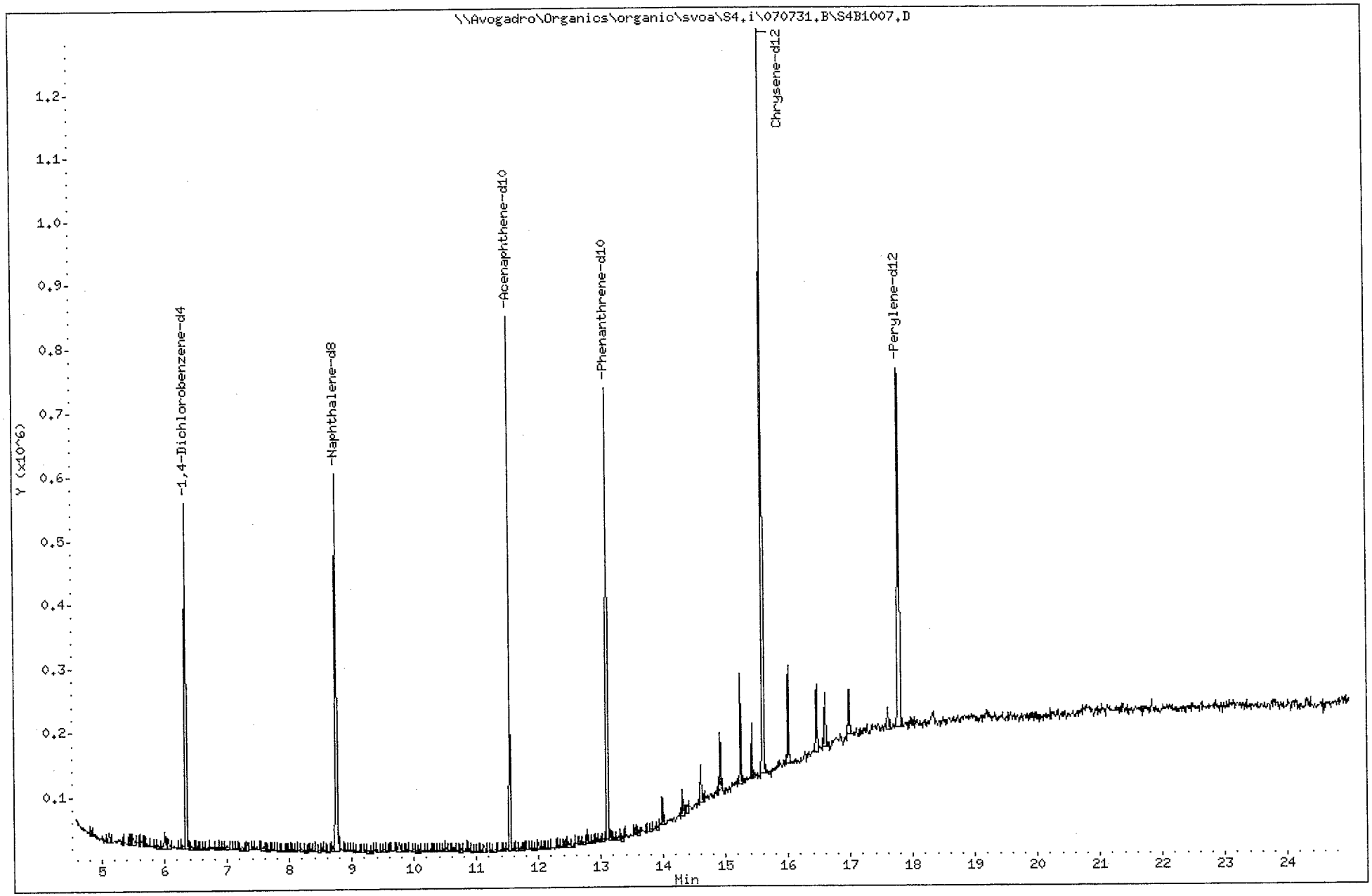
Q - Qualifier signal failed the ratio test.

8/15/07 SW

Data File: \\Avogadro\Organics\organic\svoa\S4.i\070731.B\S4B1007.D
Date : 31-JUL-2007 17:19
Client ID:
Sample Info: GPC3-070730SB
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S4.i

Operator: CLM SRC: CLM
Column diameter: 0.25



6/15/09

Data File: S4B1007.D
Report Date: 01-Aug-2007 11:19

Mitkem Corporation

CLP SOM QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S4.i\070731.B\S4B1007.D
Lab Smp Id: GPC3-070730SB
Inj Date : 31-JUL-2007 17:19
Operator : CLM SRC: CLM Inst ID: S4.i
Smp Info : GPC3-070730SB
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S4.i\070731.B\S4_SOM.m
Meth Date : 01-Aug-2007 08:14 cmosher Quant Type: ISTD
Cal Date : 27-JUL-2007 15:12 Cal File: S4B9915.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: TARGET111

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	0.10000	GPC correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)	
* 8 1,4-Dichlorobenzene-d4	152	6.344	6.344	(1.000)	97225	40.0000		(Q)
* 25 Naphthalene-d8	136	8.756	8.756	(1.000)	318889	40.0000		
* 46 Acenaphthene-d10	164	11.540	11.540	(1.000)	162480	40.0000		
* 65 Phenanthrene-d10	188	13.113	13.113	(1.000)	284836	40.0000		
79 bis(2-Ethylhexyl)phthalate	149	15.421	15.421	(0.989)	24351	3.88996		65(a)
* 77 Chrysene-d12	240	15.597	15.597	(1.000)	402958	40.0000		
* 85 Perylene-d12	264	17.781	17.781	(1.000)	365541	40.0000		

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

8/15/07 SW

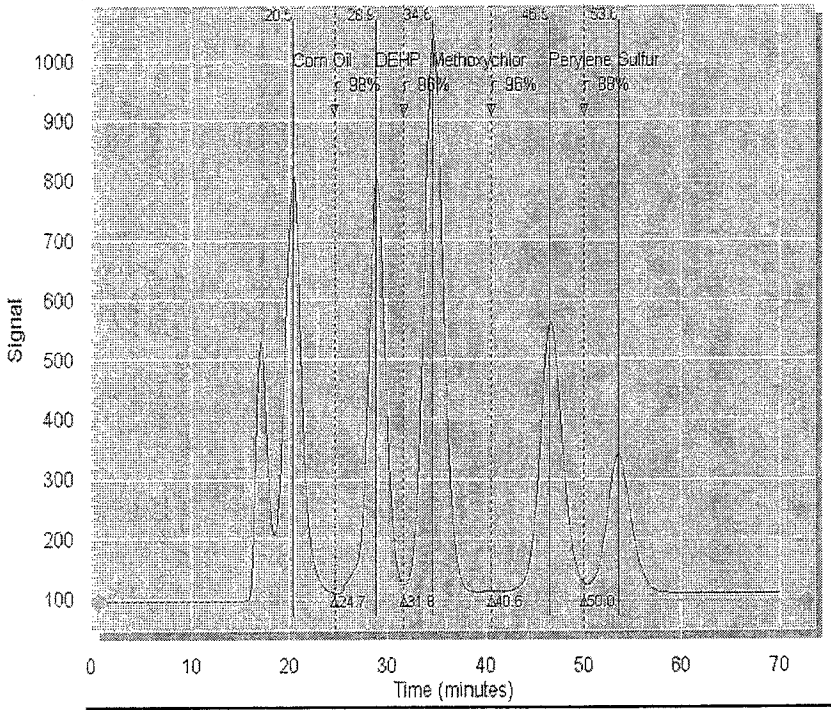
GTSH

Column Calibration Report

Sample ID: GPS3070808-UV1
Sequence: GPC3070808CAL
Description: sample
Volume: 5000
Method: GPC CALIBRATION
Position: 1
Outcome: Sample processed normally

Start Time: 00:04:50, 08/08/07
End Time: 01:18:35, 08/08/07
Column Name: DCMTrad
Description: DCM Trad
Serial #:
Pressure Limit: 30

Sequence: GPC3070808CAL, Sample: [1] GPS3070808-UV1



GPS3070808-UV1

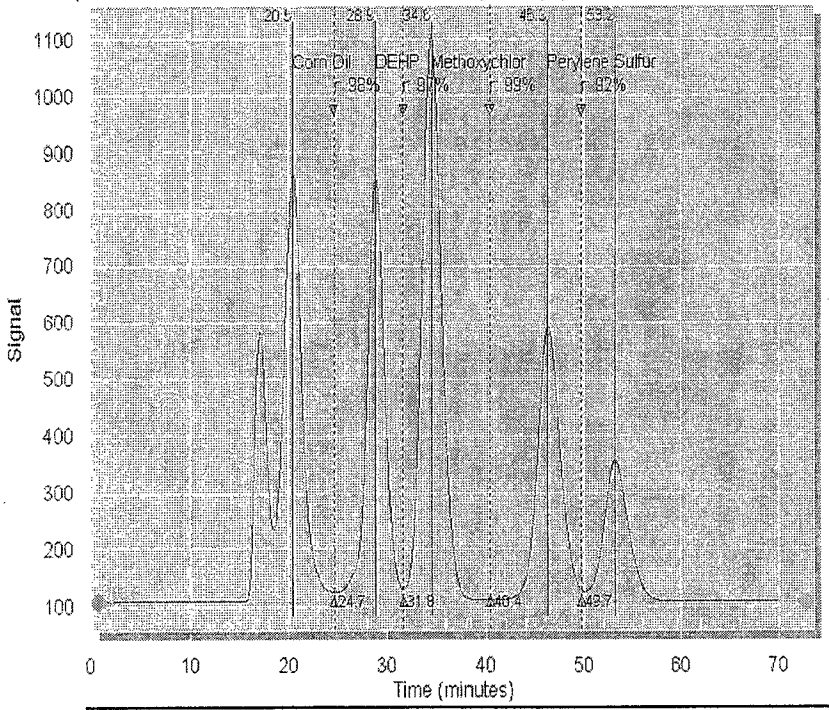
Peak	Sample	Retention Time	Pk Ht	Base	Res.	Tol.	P/F
1	Corn Oil	20.5	95	95.4			
2	DEHP	28.9	95	95.4	97.8	85.0	P
3	Methoxychlor	34.6	95	95.4	96.1	85.0	P
4	Perylene	46.5	95	95.4	96.2	85.0	P
5	Sulfur	53.6	95	95.4	87.5	85.0	P

Column Calibration Report

Sample ID: GPC3070808-UV2
Sequence: GPC3070808CAL
Description: sample
Volume: 5000
Method: GPC CALIBRATION
Position: 2
Outcome: Sample processed normally

Start Time: 01:18:36, 08/08/07
End Time: 02:30:51, 08/08/07
Column Name: DCMTrad
Description: DCM Trad
Serial #:
Pressure Limit: 30

Sequence: GPC3070808CAL, Sample: [2] GPC3070808-UV2



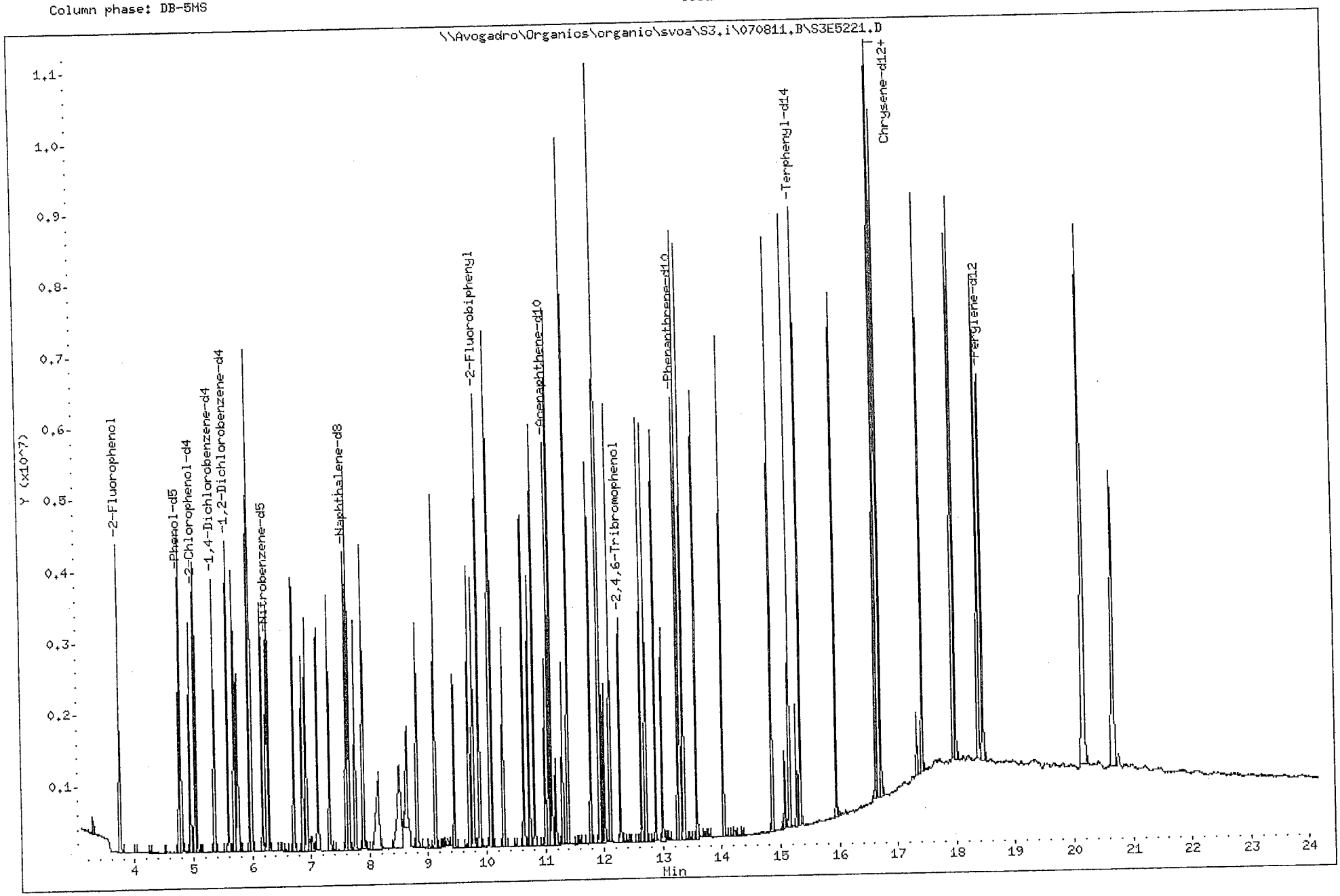
GPC3070808-UV2

Peak	Sample	Retention Time	Pk Ht	Base	Res.	Tol.	P/F
1	Corn Oil	20.5	109	108.8			
2	DEHP	28.9	109	108.8	97.8	85.0	P
3	Methoxychlor	34.6	109	108.8	97.2	85.0	P
4	Perylene	46.3	109	108.8	99.1	85.0	P
5	Sulfur	53.2	109	108.8	91.9	85.0	P

Data F: .: \\Avogadro\Organics\organic\svoa\S3.i\070811.B\S3E5221.D
Date : 11-AUG-2007 16:36
Client ID: SSTD0503P
Sample Info: SSTD0503P,SSTD0503P
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i

Operator: CLM SRC: CLM
Column diameter: 0.25



Data File: S3E5221.D
Report Date: 13-Aug-2007 08:38

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070811.B\S3E5221.D
Lab Smp Id: SSTD0503P Client Smp ID: SSTD0503P
Inj Date : 11-AUG-2007 16:36 Inst ID: S3.i
Operator : CLM SRC: CLM
Smp Info : SSTD0503P,SSTD0503P
Misc Info : 2,2
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070811.B\s3_olm4_2_S.m
Meth Date : 11-Aug-2007 17:02 S3.i Quant Type: ISTD
Cal Date : 11-AUG-2007 16:36 Cal File: S3E5221.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLMtolu.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	1 2-Fluorophenol	112	3.744	3.744	(0.699)	1130171	50.0000	49
	2 Benzaldehyde	77	4.754	4.754	(0.887)	559098	50.0000	49
$	3 Phenol-d5	99	4.781	4.781	(0.892)	1534473	50.0000	49
	4 Phenol	94	4.797	4.797	(0.895)	1586068	50.0000	50
	5 bis(2-Chloroethyl)Ether	93	4.952	4.952	(0.924)	1244528	50.0000	49
$	6 2-Chlorophenol-d4	132	5.026	5.026	(0.938)	1152558	50.0000	49
	7 2-Chlorophenol	128	5.053	5.053	(0.943)	1160166	50.0000	49
*	8 1,4-Dichlorobenzene-d4	152	5.358	5.358	(1.000)	741031	40.0000	
$	9 1,2-Dichlorobenzene-d4	152	5.593	5.593	(1.044)	853413	50.0000	49
	10 2-Methylphenol	108	5.694	5.694	(1.063)	1095293	50.0000	48
	11 2,2'-oxybis(1-Chloropropane)	45	5.753	5.753	(1.074)	1693888	50.0000	58
	13 4-Methylphenol	108	5.951	5.951	(1.111)	1176206	50.0000	49
	14 N-Nitroso-di-n-propylamine	70	5.977	5.977	(1.116)	1022488	50.0000	49
	12 Acetophenone	105	5.988	5.988	(1.118)	1772706	50.0000	51
	15 Hexachloroethane	117	6.175	6.175	(1.153)	536175	50.0000	49
$	16 Nitrobenzene-d5	82	6.250	6.250	(0.822)	1482450	50.0000	49
	17 Nitrobenzene	77	6.287	6.287	(0.827)	1544653	50.0000	49
	18 Isophorone	82	6.709	6.709	(0.882)	2398483	50.0000	50
	19 2-Nitrophenol	139	6.859	6.859	(0.902)	615361	50.0000	48
	20 2,4-Dimethylphenol	107	6.923	6.923	(0.910)	986372	50.0000	42
	21 bis(2-Chloroethoxy)methane	93	7.121	7.121	(0.936)	1436432	50.0000	49

Data File: S3E5221.D
Report Date: 13-Aug-2007 08:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	22 2,4-Dichlorophenol	162	7.313	7.313	(0.961)	1023095	50.0000	49
*	23 Naphthalene-d8	136	7.607	7.607	(1.000)	2734670	40.0000	
	24 Naphthalene	128	7.649	7.649	(1.006)	3323451	50.0000	52
	25 4-Chloroaniline	127	7.756	7.756	(1.020)	1259970	50.0000	49
	26 Hexachlorobutadiene	225	7.895	7.895	(1.038)	794688	50.0000	49
	100 m-Toluic Acid	91	8.157	8.157	(1.072)	623421	50.0000	55
	102 p-Toluic Acid	91	8.515	8.515	(1.119)	975885	50.0000	50(H)
	27 Caprolactam	113	8.510	8.510	(1.119)	373902	50.0000	48
	101 o-Toluic Acid	91	8.648	8.648	(1.137)	988016	50.0000	60(H)
	28 4-Chloro-3-Methylphenol	107	8.814	8.814	(1.159)	1021145	50.0000	49
	29 2-Methylnaphthalene	142	9.124	9.124	(1.199)	2145345	50.0000	50
	30 Hexachlorocyclopentadiene	237	9.444	9.444	(0.854)	611239	50.0000	41
	31 2,4,6-Trichlorophenol	196	9.706	9.706	(0.878)	827039	50.0000	49
	32 2,4,5-Trichlorophenol	196	9.776	9.776	(0.884)	886693	50.0000	48
$	33 2-Fluorobiphenyl	172	9.882	9.882	(0.894)	2861503	50.0000	52
	34 1,1'-Biphenyl	154	10.064	10.064	(0.910)	2918389	50.0000	53
	35 2-Chloronaphthalene	162	10.091	10.091	(0.913)	2343480	50.0000	50
	36 2-Nitroaniline	65	10.294	10.294	(0.931)	763173	50.0000	48
	37 Dimethylphthalate	163	10.641	10.641	(0.962)	2463996	50.0000	51
	38 2,6-Dinitrotoluene	165	10.737	10.737	(0.971)	602837	50.0000	48
	39 Acenaphthylene	152	10.817	10.817	(0.978)	3299826	50.0000	53
	40 3-Nitroaniline	138	11.004	11.004	(0.995)	460448	50.0000	49
*	41 Acenaphthene-d10	164	11.058	11.058	(1.000)	1558932	40.0000	
	42 Acenaphthene	153	11.111	11.111	(1.005)	2220242	50.0000	52
	43 2,4-Dinitrophenol	184	11.186	11.186	(1.012)	225898	50.0000	35
	44 4-Nitrophenol	109	11.303	11.303	(1.022)	355610	50.0000	51
	46 2,4-Dinitrotoluene	165	11.394	11.394	(1.030)	819121	50.0000	50
	45 Dibenzofuran	168	11.389	11.389	(1.030)	3282379	50.0000	54
	47 Diethylphthalate	149	11.779	11.779	(1.065)	2349981	50.0000	52
	48 Fluorene	166	11.923	11.923	(1.078)	2782282	50.0000	55
	49 4-Chlorophenyl-phenylether	204	11.934	11.934	(1.079)	1511658	50.0000	52
	50 4-Nitroaniline	138	11.961	11.961	(1.082)	399438	50.0000	47
	51 4,6-Dinitro-2-methylphenol	198	12.014	12.014	(0.906)	425961	50.0000	41
	52 N-Nitrosodiphenylamine	169	12.110	12.110	(0.913)	1889871	50.0000	51
$	53 2,4,6-Tribromophenol	330	12.276	12.276	(0.926)	428620	50.0000	50
	54 4-Bromophenyl-phenylether	248	12.639	12.639	(0.953)	910789	50.0000	49
	55 Hexachlorobenzene	284	12.714	12.714	(0.959)	970997	50.0000	49
	56 Atrazine	200	12.879	12.879	(0.971)	828357	50.0000	48
	57 Pentachlorophenol	266	12.992	12.992	(0.980)	467999	50.0000	49
*	58 Phenanthrene-d10	188	13.259	13.259	(1.000)	2633216	40.0000	
	59 Phenanthrene	178	13.291	13.291	(1.002)	3739731	50.0000	56
	60 Anthracene	178	13.360	13.360	(1.008)	3740739	50.0000	56
	61 Carbazole	167	13.579	13.579	(1.024)	2980026	50.0000	52
	63 Fluoranthene	202	14.861	14.861	(1.121)	3971655	50.0000	57
	64 Pyrene	202	15.155	15.155	(0.908)	4206986	50.0000	56
$	65 Terphenyl-d14	244	15.342	15.342	(0.920)	3128716	50.0000	54
	62 Di-n-butylphthalate	149	15.951	15.951	(1.203)	1732265	50.0000	54
	66 Butylbenzylphthalate	149	15.951	15.951	(0.956)	1732265	50.0000	53
	67 3,3'-Dichlorobenzidine	252	16.624	16.624	(0.996)	1137175	50.0000	50
	71 bis(2-Ethylhexyl)phthalate	149	16.651	16.651	(0.998)	2427806	50.0000	55
	68 Benzo(a)anthracene	228	16.672	16.672	(0.999)	4304331	50.0000	56
*	69 Chrysene-d12	240	16.683	16.683	(1.000)	3113111	40.0000	
	70 Chrysene	228	16.715	16.715	(1.002)	3976005	50.0000	56
	72 Di-n-octylphthalate	149	17.426	17.426	(0.944)	3893035	50.0000	58

Data File: S3E5221.D
Report Date: 13-Aug-2007 08:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
73	Benzo(b)fluoranthene	252	17.960	17.960	(0.973)	4404337	50.0000	53
74	Benzo(k)fluoranthene	252	17.997	17.997	(0.975)	4577617	50.0000	56
75	Benzo(a)pyrene	252	18.392	18.392	(0.996)	4142946	50.0000	54
* 76	Perylene-d12	264	18.467	18.467	(1.000)	2958944	40.0000	
77	Indeno(1,2,3-cd)pyrene	276	20.166	20.166	(1.092)	5018123	50.0000	51
78	Dibenzo(a,h)anthracene	278	20.182	20.182	(1.093)	4349329	50.0000	53
79	Benzo(g,h,i)perylene	276	20.679	20.679	(1.120)	4346408	50.0000	51

8/13/07 SW

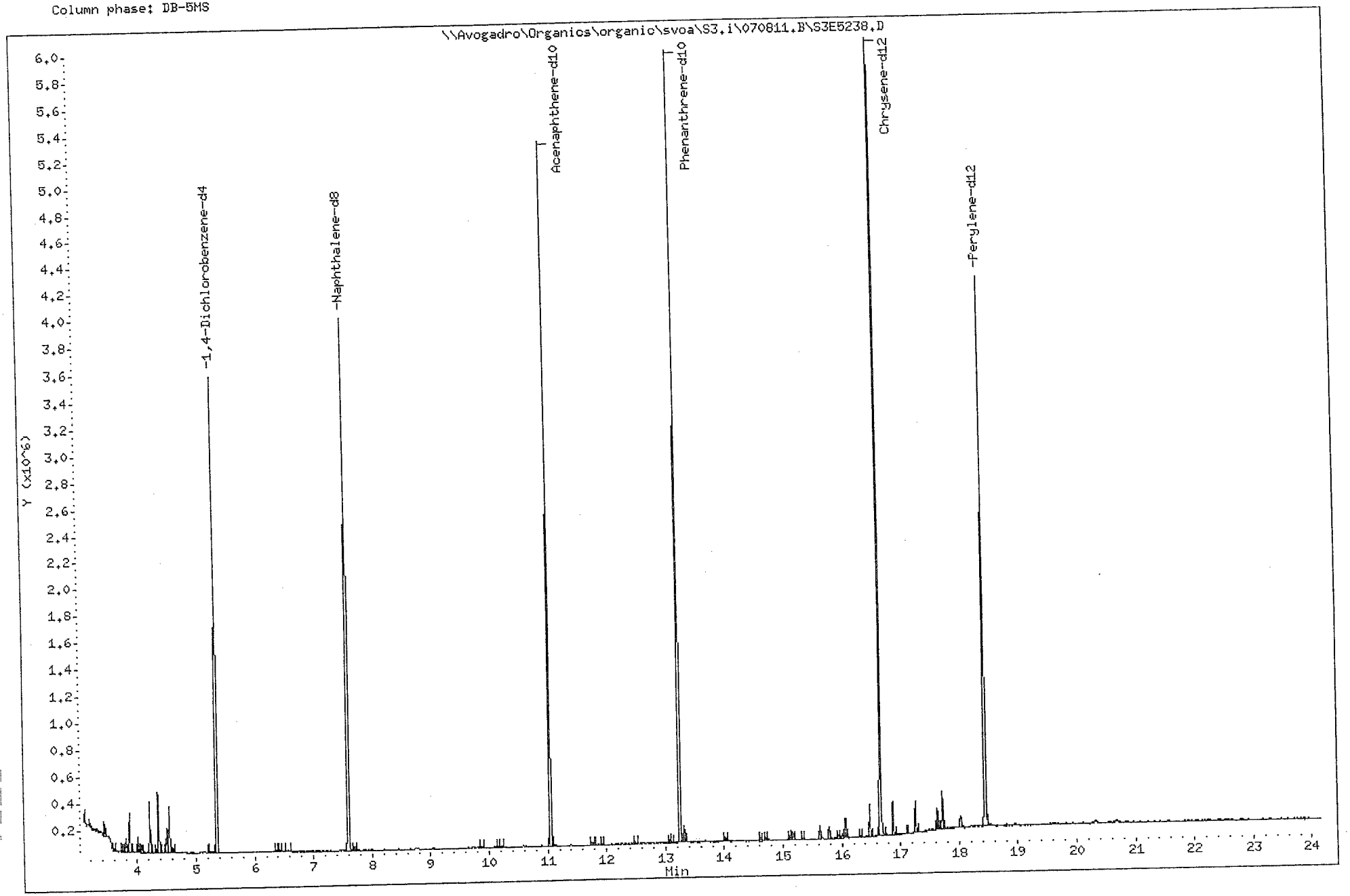
QC Flag Legend

H - Operator selected an alternate compound hit.

Data F. .: \\Avogadro\Organics\organic\svoa\S3.i\070811.B\S3E5238.D
Date : 12-AUG-2007 02:15
Client ID:
Sample Info: GPC3070808-SB
Volume Injected (uL): 2.0
Column phase: DB-5MS

Instrument: S3.i

Operator: CLM SRC: CLM
Column diameter: 0.25



T9J9

Data File: S3E5238.D
Report Date: 13-Aug-2007 13:13

Mitkem Corporation

CLP OLM04.1 QUANTITATION REPORT

Data file : \\Avogadro\Organics\organic\svoa\S3.i\070811.B\S3E5238.D
Lab Smp Id: GPC3070808-SB
Inj Date : 12-AUG-2007 02:15
Operator : CLM SRC: CLM Inst ID: S3.i
Smp Info : GPC3070808-SB
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\S3.i\070811.B\s3_olm4_2_S.m
Meth Date : 11-Aug-2007 17:02 S3.i Quant Type: ISTD
Cal Date : 11-AUG-2007 16:36 Cal File: S3E5221.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVari

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	GPC correction factor
Vt	500.000	Volume of final extract (uL)(1000 low, 2
Vi	2.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
* 8 1,4-Dichlorobenzene-d4	152	5.358	5.358	(1.000)	688380	40.0000	
* 23 Naphthalene-d8	136	7.596	7.607	(1.000)	2543509	40.0000	
* 41 Acenaphthene-d10	164	11.053	11.058	(1.000)	1460232	40.0000	
* 58 Phenanthrene-d10	188	13.248	13.259	(1.000)	2464703	40.0000	
* 69 Chrysene-d12	240	16.667	16.683	(1.000)	2578166	40.0000	
* 76 Perylene-d12	264	18.451	18.467	(1.000)	2322585	40.0000	

8/13/07 SW

8752

Percent Moisture and Percent Solids Report

Mitkem Sample ID	*Client Sample ID*	*Analyzed*	*Percent Moisture*	*Percent Solids*	*Validated*
F0981-03A	*OTMI-SB06*	07/31/2007	13	87	Yes
F0981-04A	*OTMI-SB12*	07/31/2007	12	88	Yes
F0981-05A	*OTMI-SB12/D*	07/31/2007	12	88	Yes
F0981-07A	*OTMI-MW-BR07*	07/31/2007	18	82	Yes
F0981-08A	*OTMI-MW-BR09A*	07/31/2007	10	90	Yes
F0981-09A	*OTMI-MW-BR09B*	07/31/2007	15	85	Yes
F0981-10A	*OTMI-MW-BR10*	07/31/2007	16	84	Yes
F0981-11A	*OTMI-MW-BR12*	07/31/2007	14	86	Yes

MITKEM CORPORATION: ORGANIC PREP - CLP Semivolatiles

Date 7/18/07	Analysis OLM4.2 SVOA		Method:	AQ: 3510C(SepF) 3520C(Liq/Liq) Other:_____ Soil: 3540C(Soxhlet) 3550B(Sonic)					Sample Matrix	Aqueous (Soil) Other:		Date/Time Started: 7/18/07						
Blank ID 31231	LCS ID 31231		Analyst: DKD	Spiked by: DKD	Witness: AC		Solvent: MeCl/Acet Lot # E18E29		Acid Lot # —		GPC #	Date/Time Ended: 7/18/07						
Lab ID	Bottle #	Wt(g) Vol(mL) Extracted	Surrogate Added(uL)	Matrix Spike Added(uL)	Initial pH	RV/KD prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		RV/KD after GPC Date/Analyst		Final Extract Vol.(mL)	Date Ext. Trans.					
MB-31231	—	30.0	500uL OSW070712B	—	—	7/18/07	WLi	10mL	7/18/07	PK	7/19/07	WLi	0.5mL	7/19/07					
LCS-31231	—	30.0		500uL OSW070410A										↓					
F0963-21A	1	30.1		—										7/19/07					
F0981-03A	↓	30.5 ✓		↓															
F0981-04A	↓	30.2 ✓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓					
F0981-05A	1	30.1 ✓	500uL OSW070712B	—	—	7/18/07	WLi	10mL	7/18/07	PK	7/19/07	WLi	0.5mL	7/19/07					

DKD 7/18/07

Comments

Sodium Sulfate Lot #: C0G613

L/L Drip Rate: N/A

Soxhlet Cycle/Hour N/A

Sonicator Tuned: (Yes) No

Logbook ID: 50.0173-06/07

Reviewed By: 07/19/07 BM

MITKEM CORPORATION: ORGANIC PREP - CLP Semivolatiles

Date	Analysis	Method:	AQ: 3510C(SepF) 3520C(Liq/Liq) Other:	Sample Matrix: Aqueous (Soil)	Date/Time Started:
7/23/07	OLM 5.0 5/15/07		Soil: 3540C(Soxhlet) (3550B(Sonic))	Other:	7/23/07

Blank ID	LCS ID	Analyst:	Spiked by:	Witness:	Solvent: Lot #	Acid Lot #	GPC #	Date/Time Ended:
31309	~~31308~~ DL 5/15/07 31309	DHD	DHD	DL				7/23/07

Lab ID	Bottle #	Wt(g) Vol(mL) Extracted	Surrogate Added(uL)	Matrix Spike Added(uL)	Initial pH	RV/KD prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		RV/KD after GPC Date/Analyst		Final Extract Vol.(mL)	Date Ext. Trans.
MB-31309	—	30.0	500 uL OSW070712B	—	—	7/24/07	DL	10mL	7/24/07	PK	7/25/07	DL	0.5mL	7/25/07
LCS-31309	—	30.0		500 ~~uL~~ DL 5/15/07 OSW070910A										
F0981-07A	1	30.2		—										
F0981-08A	1	30.3		—										
F0995-12A	1	30.5		—										
↓ -13A	↓	30.4	↓	—		↓	↓	↓	↓	↓	↓	↓	↓	↓
F0995-14A	1	30.5	500 uL OSW070712B	—	—	7/24/07	DL	10mL	7/24/07	PK	7/25/07	DL	0.5mL	7/25/07

DL 7-25-07 7-23-07 DL 5/15/07

Comments

Sodium Sulfate Lot #: E15594

L/L Drip Rate: N/A

Soxhlet Cycle/Hour N/A

Sonicator Tuned: (Yes) No

CSJS

Logbook ID: 50.0173-06/07

Reviewed By: KD 7/25/07

MITKEM CORPORATION: ORGANIC PREP - CLP Semivolatiles

Date 8/1/07	Analysis OLM 5.0Q	Method:	AQ: 3510C(SepF) ~~3520C(Cont/Liq)~~ Other:						Sample Matrix: Aqueous (Soil) Other:			Date/Time Started: 8/1/07							
			Soil: ~~3540C(Soxhlet)~~ 3550B(Sonic)																
Blank ID 31474	LCS ID 31474	Analyst: DL	Spiked by: DL	Witness: Tony	Solvent: MeCl/Acetone Lot # E23E16				Acid Lot #			GPC #			Date/Time Ended: 8/1/07				
Lab ID	Bottle #	Wt(g) Vol(mL) Extracted	Surrogate Added(uL)	Matrix Spike Added(uL)	Initial pH	RV/KD prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		RV/KD after GPC Date/Analyst			Final Extract Vol.(mL)	Date Ext. Trans.				
MB-31474	—	30.0	500 ul OSW0707128	—		8/1/07	DL	10mL	8/2/07	DK	8/3/07	DL		0.5mL	8/3/07				
LCS-31474	—	30.0		500 ul OSW070410A															
F0981-09A	1	30.0		—															
-10A	1	30.4		—															
-11A	1	30.2		—															
-11AMS	1	30.0		500 ul OSW070410A															
F0981-11AMSD	1	30.2		500 ul OSW070410A															
F1025-01A	1	30.1	500 ul OSW0707128	—		8/1/07	DL	10mL	8/2/07	DK	8/3/07	DL		0.5mL	8/3/07				

DL 8/1/07

8/1/07

PL 8/15/07

Comments

Sodium Sulfate Lot #: F15594

L/L Drip Rate: NA

Soxhlet Cycle/Hour NA

Sonicator Tuned: (Yes) / No

Reviewed By: 8/3/07

8/15/07

MITKEM CORPORATION: ORGANIC PREP - CLP Semivolatiles

Date 8/13/07	Analysis OLM4.2	Method:	AQ: 3510C(SepF) 3520C(Liq/Liq) Other:_____ Soil: 3540C(Soxhlet) (3550B(Sonic))	Sample Matrix	Aqueous (Soil) Other:	Date/Time Started: 8/13/07
Blank ID 31655	LCS ID 31655	Analyst: CLM	Spiked by: CLM	Witness: A.O	Solvent: E24E25 Lot # MeCl + Acet	Acid Lot # / GPC # / Date/Time Ended: 8/13/07

Lab ID	Bottle #	(Wt(g)) Vol(mL) Extracted	Surrogate Added(uL)	Matrix Spike Added(uL)	Initial pH	RV/KD prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		RV/KD after GPC Date/Analyst		Final Extract Vol.(mL)	Date Ext. Trans.
MB-31655	—	30.0	500 uL OSNO 70712A	—		8/14/07	Li	10mL	8/14/07	PK	8/14/07	Li	0.5mL	8/14/07
LCS-31655	—	30.0		OSNO 70410A 100 uL		↓	↓	↓	↓	↓	↓	↓	↓	↓
F0981-01ARE	i	30.2	500 uL OSNO 70712A	—		8/14/07	Li	10mL	8/14/07	PK	8/14/07	Li	0.5mL	8/14/07

A O

8/13/07

Comments

Sodium Sulfate Lot #: E15596

L/L Drip Rate:_____

Soxhlet Cycle/Hour

Sonicator Tuned (Yes) No

Logbook ID: 50.0173-06/07

Reviewed By: CL 8/14/07

Mitkem Corporation
Semivolatiles Laboratory

Instrument S3 Injection Log

METHOD: OLM
ICAL DATE: 8/9/07

ANALYST: BM
EMV: 1600

BATCH: 070809.B

Start: 09-AUG-07 13:13
End: 09-AUG-07 16:22

Comments: IS = SI070509A

Tune - SW070807A
L1 - SW070809A
L2 - SW070809B
L3 - SW070809C
L4 - SW070809D
L5 - SW070809E

Liner - clean
Column - clipped
Gold Seal - clean

Reviewed By: 8/10/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STANDARDS DCB	NPT	ANT	PHN	CRY	PRY	SURROGATES BN NBZ	BN FBP	BN TPH	ACID PHL	ACID 2FP	ACID TBP	OLM DCB	OLM 2CP	DILN	FLG	COMMENTS
S3E5150	13:13	DFTPP3M	DFTPP3M		AQ															1		ok
S3E5151	13:45	SSTD0503M	SSTD0503M		AQ	100	100	100	100	100	100									1		
S3E5152	14:43	SSTD1603M	SSTD1603M		AQ	93	96	97	99	105	108									1		OK OLM + Toluic Acid ICal
S3E5153	15:16	SSTD0203M	SSTD0203M		AQ	104	104	104	104	98	95									1		
S3E5154	15:49	SSTD1203M	SSTD1203M		AQ	91	91	93	94	101	102									1		
S3E5155	16:22	SSTD0803M	SSTD0803M		AQ	96	96	97	98	102	102									1		

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limits
D - Surrogates are diluted

Ferrule

SW 8/10/07

Logbook ID 70.0192-05/07

Reviewed By: _____

Mitkem Corporation
Semivolatiles Laboratory

Instrument S3 Injection Log

METHOD: OLM-SV
ICAL DATE: 8/9/07

ANALYST: CLM
EMV: 1600

BATCH: 070810.B

Start: 10-AUG-07 12:38
End: 11-AUG-07 00:21

Comments: I.S = SI070509A

Tune - SW070807A

L3 - SW070809C

Liner - clean
Column - clipped
Gold Seal - clean

Reviewed By: CLM 8/13/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STANDARDS DCB	NPT	ANT	PHN	CRY	PRY	SURROGATES BN NBZ	BN FBP	BN TPH	ACID PHL	ACID 2FP	ACID TBP	OLM DCB	OLM 2CP	DILN	FLG	COMMENTS
S3E5190	12:38	DFTPP3O	DFTPP3O		AQ															1		OK
S3E5191A	13:40	SSTD0503O	SSTD0503O		AQ	100	100	100	100	100	100									1		OK
S3E5192	14:13	MB-31474	SBLK3Q	31474	SL	118	117	117	117	107	111	84	76	78	79	81	76	76	85	1		Not used: wrong vial
S3E5193	14:47	MB-31474	SBLK3Q	31474	SL	107	107	107	107	99	97	73	73	75	71	75	60	72	75	1		ok
S3E5194	15:21	LCS-31474	S3QLCS	31474	SL	109	107	107	108	99	96	75	75	76	72	74	63	73	75	1		ok
S3E5195	16:22	F0981-09A	MW-BR09	31474	SL	120	120	120	120	109	107	68	67	69	66	69	59	67	70	1		OK
S3E5196	16:56	MB-31231	SBLK3R	31231	SL	111	110	109	110	100	97	73	72	72	70	72	56	70	73	1		OK
S3E5197	17:30	MB-31309	SBLK3S	31309	SL	122	122	123	122	110	109	73	70	72	71	74	56	72	74	1		ok
S3E5198	18:03	LCS-31231	S3RLCS	31231	SL	129	126	123	121	110	107	76	74	73	72	73	66	72	76	1		OK
S3E5199	18:38	LCS-31309	S3SLCS	31309	SL	123	122	120	118	107	102	71	72	72	70	70	61	69	73	1		OK
S3E5200	19:12	F0981-10A	MW-BR10	31474	SL	106	104	103	102	93	89	68	69	72	65	70	60	67	69	1		OK
S3E5201	19:46	F0981-11A	MW-BR12	31474	SL	107	107	105	103	93	90	70	70	73	67	72	63	67	72	1		OK
S3E5203	20:20	F0981-11AMS	MW-BR12MS	31474	SL	99	98	95	97	88	85	71	74	78	70	72	70	69	74	1		OK
S3E5204	20:54	F0981-11AMSD	MW-BR12MSD	31474	SL	117	113	111	109	98	93	72	72	74	69	71	68	70	73	1		OK
S3E5205	21:28	F0981-03A	SB06	31231	SL	145	139	134	126	105	98	66	65	69	60	64	61	63	65	1		OK
S3E5206	22:02	F0981-08A	MW-BR09	31309	SL	169	157	149	135	107	103	69	68	72	57	57	41	65	59	1		OK
S3E5207	22:37	F0981-07ADL	MW-BR07DL	31309	SL	259*	231*	236*	200*	169	188	36	35	47	21D	9.0D	0D	30	13D	5		Not needed
S3E5208	23:12	F0981-04A	SB12	31231	SL	126	122	121	112	101	111	69	70	69	64	66	57	66	67	1		OK
S3E5209	23:46	F0981-05A	SB12/D	31231	SL	115	113	109	105	102	114	74	77	71	69	71	66	71	74	1		OK
S3E5210	00:21	F0981-07A	MW-BR07	31309	SL	109	108	108	106	107	114	60	64	64	41	17*	5.1*	58	27	1		OK - re-ext

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limits
D - Surrogates are diluted

SW 8/13/07

Mitkem Corporation
Semivolatiles Laboratory

Instrument S3 Injection Log

METHOD: OLM-SV
ICAL DATE: 8/9/07

ANALYST: SW
EMV: 1600

BATCH: 070815.B

Start: 15-AUG-07 10:55
End: 15-AUG-07 13:09

Comments: IS= SI070509A

Tune - SW070807A

L3 - SW070809C

Liner - clean
Column - cut
Gold Seal - clean

Reviewed By: CW 8/15/07

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STANDARDS DCB	NPT	ANT	PHN	CRY	PRY	SURROGATES BN NBZ	BN FBP	BN TPH	ACID PHL	ACID 2FP	ACID TBP	OLM DCB	OLM 2CP	DILN	FLG	COMMENTS
S3E5320	10:55	DFTPP3S	DFTPP3S		AQ															1		OK
S3E5321	11:19	SSTD0503S	SSTD0503S		AQ	100	100	100	100	100	100									1		OK
S3E5322	12:01	MB-31655	SBLK3Y	31655	SL	122	120	122	116	103	101	74	73	76	68	69	63	73	73	1		OK
S3E5323	12:35	LCS-31655	S3YLCS	31655	SL	121	118	117	112	103	100	70	73	74	66	66	69	68	70	1		OK
S3E5324	13:09	F0981-07ARE	MW-BR07RE	31655	SL	120	114	115	114	119	135	61	64	63	54	56	53	57	58	1		OK

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
T - Sample was injected outside of the 12 hour sequence
* - Internal Standard or Surrogate outside of control limits
D - Surrogates are diluted

SW 8/15/07

Reviewed By: _____

MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
7/18/07	F0975	08B		SW	CLP R7-47	
↓	↓	09B	↓			
7/18/07	MB31167	—				
	F0952	07B				
	F0968	01B				
		02B				
		04B				
		05B				
		05BMS				
	↓	05BMSD				
↓	F0968	06B	↓	↓	↓	
7/18/07	F0951	10B		SW	CLP-R7-47	
7/18/07	MB31197	—		BM	R7-78	
	LCS31199	—				
	LCSD31199	—				
	F0925	13B				
		14B				
		15B				
		16B				
		17B				
	↓	18B				
	F0925	19B		↓	↓	
	MB31154	—		BM	R7-77	
	LCS31154	—				
	F0759	08A				
	F0926	01A				
	↓	02A				
	F0947	07A				
	MB31168	—				
	LCS31168	—				
↓	LCSD31168	—	↓	↓	↓	
7/18/07	F0928	02A		↓	↓	
7/19/07	MB31202	—		BM	CLP R7-47	
↓	LCS31202	—	↓	↓	↓	

7/24/07 CW

Logbook ID 70.0141-05/07

Reviewed By: CW 7/24/07

0771

MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
7/19/07	F0963	11A		BM	CLP-R7-47	
		11AMS				
		11AMSD				
	F0963	22A				
	F0963	21A				
	F0987	03A				
		04A				
7/19/07	F0987	05A				
7/19/07	GPC3070716	SB		CW	R7-Blank 2	
7/19/07	MB31153	—		SW	CLP R7-47	
	F0951	01B				
		02B				
		03B				
		04B				
		05B				
		06B				
		07B				
		08B				
		09B				
		10B				
		11B				
		12B				
		13B				
		14B				
		15B				
	F0951	17B				
	MB31034	—				
	F0975	10B				
		11B				
		12B				
		13B				
		14B				
		15B				
7/19/07	F0975	16B				

Logbook ID 70.0141-05/07

Reviewed By: CW 7/27/07

GTT2

MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
8/1/07	LCSD31456	–	[illegible]	BM	R7-79	
	F1030	01A				
		03A				
		05A				
		07A				
		09A				
		11A				
		13A				
		15A				
		17A				
		19A				
		21A				
		23A				
		25A				
		27A				
		29A				
	F1030	31A				
	F1039	01A				
		03A				
		04A				
8/1/07	F1039	05A	[illegible]			
8/2/07	MB31501	–	[illegible]	BM	R7-79	
	LCS31501	–				
	LCSD31501	–				
	F1060	01B				
		02B				
	MB31498	–				
	LCS31498	–				
8/2/07	F1062	07A	[illegible]			
8/3/07	MB31474	–	[illegible]	CW	CLP-R7-48	
	LCS31474	–				
	F0981	09A				
		10A				
8/3/07	F0987	11A	[illegible]	CW	CLP-R7-48	

Logbook ID 70.0141-05/07

Reviewed By: SW 8/9/07

MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
8/3/07	F0981	11AMS		CW	CLP R7-48	
↓	↓	11AMSD	↓	↓	↓	
8/3/07	F025	07A		CW	CLP R7-48	
8/3/07	F1039	06B		3M	R7-79	
	F1051	01A		3M	R7-7980	CW 8/14/07
		01AMS				
		01AMSD				
		02A				
		03A				
		04A				
		06A				
		07A				
		08A				
↓	↓	09A	↓	↓	↓	
8/3/07	F1051	10A			R7 80	
8/3/07	MB31526	—			R7 79	
	LCS31526	—				
	LCSD31526	—				
↓	F0973	07ARE	↓	↓	↓	
8/3/07	↓	10ARE				
8/6/07	F1051	12A	PK			
		13A				
		14A				
	↓	15A				
	F1051	16A				
	F1067	07E				
		08E				
		09E				
		10B				
	↓	22E				
	F1067	23E			R7 79	
	MB31525	—			R7 80	
↓	LCS31525	—	↓	↓	↓	
8/6/07	F1051	17A	PK		R7 80	

Logbook ID 70.0141-05/07

Reviewed By: SW 8/7/07

0774

MITKEM CORPORATION EXTRACT TRANSFER LOGBOOK: SEMIVOLATILE ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred By	Received By	Storage Location	Comments
8/1/07	LCSD31456	–	LLi	BM	R7-79	
	F1030	01A				
		03A				
		05A				
		07A				
		09A				
		11A				
		13A				
		15A				
		17A				
		19A				
		21A				
		23A				
		25A				
		27A				
		29A				
	F1030	31A				
	F1039	01A				
		03A				
		04A				
8/1/07	F1039	05A	LLi			
8/2/07	MB31501	–	LLi	BM	R7-79	
	LCS31501	–				
	LCSD31501	–				
	F1060	01B				
		02B				
	MB31498	–				
	LCS31498	–				
8/2/07	F1062	07A	LLi			
8/3/07	MB31474	–	LLi	CW	CLP-R7-48	
	LCS31474	–				
	F0981	09A				
		10A				
8/3/07	F0981	11A	LLi	CW	CLP-R7-48	

Logbook ID 70.0141-05/07

Reviewed By: SW 8/9/07

0775

Sequence Log Report

Print Date: 7/31/2007
Print Time 8:47:10AM

MITKEM CORPORATION: INSTRUMENT GPC 3 LOGBOOK

Sequence: **GPC3070730CAL**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	GPC3070730-SB	sample	SVOA	5000	DCMTrad	Sample processed normally	
2	GPC3070730-PB	sample	PEST	5000	DCMTrad	Sample processed normally	
3	GPC3070730-PMS	sample	PEST	5000	DCMTrad	Sample processed normally	
4	GPC3070730-ARO	sample	PEST	5000	DCMTrad	Sample processed normally	

PK

6776

Operator Name:

Start: 16:11:45, 07/30/07

End: 20:44:03, 07/30/07

Outcome: Sequence executed normally

Notes:

Sequence Log Report

Print Date: 8/3/2007
Print Time 8:54:52AM

Sequence: **GPC3070801**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	F0981-03A	sample	PEST	5000	DCMTrad	Sample processed normally	
2	F0981-04A	sample	PEST	5000	DCMTrad	Sample processed normally	
~~3~~	~~F0981-05A~~	~~sample~~	~~PEST~~	~~5000~~	~~DCMTrad~~	~~Error during sample processing~~	

DK
08/03/07

Operator Name:
Notes:

Start: 22:16:22, 08/01/07
End: 00:36:28, 08/02/07

Outcome: Sequence aborted

Sequence Log Report

Print Date: 8/3/2007
Print Time 9:00:52AM

J2 SCIENTIFIC

Sequence: **GPC3070802A**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
4	F0981-07A	sample	PEST	5000	DCMTrad	Sample processed normally	
5	F0981-08A	sample	PEST	5000	DCMTrad	Sample processed normally	
6	F0981-09A	sample	PEST	5000	DCMTrad	Sample processed normally	
7	F0981-10A	sample	PEST	5000	DCMTrad	Sample processed normally	
8	F0981-11A	sample	PEST	5000	DCMTrad	Sample processed normally	
9	F0981-11AMS	sample	PEST	5000	DCMTrad	Sample processed normally	
10	F0981-11AMSD	sample	PEST	5000	DCMTrad	Sample processed normally	
11	F1025-01A	sample	PEST	5000	DCMTrad	Sample processed normally	
12	LCS-31475	sample	PEST	5000	DCMTrad	Sample processed normally	
13	MB-31475	sample	PEST	5000	DCMTrad	Sample processed normally	

Operator Name:

Start: 10:25:28, 08/02/07
End: 21:44:07, 08/02/07

Outcome: Sequence executed normally

Sequence Log Report

Print Date: 8/3/2007
Print Time 8:58:07AM

Sequence: **GPC3070802B**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	F1025-01A	sample	SVOA	5000	DCMTrad	Sample processed normally	
2	F0981-09A	sample	SVOA	5000	DCMTrad	Sample processed normally	
3	F0981-10A	sample	SVOA	5000	DCMTrad	Sample processed normally	
4	F0981-11AMS	sample	SVOA	5000	DCMTrad	Sample processed normally	
5	F0981-11AMSD	sample	SVOA	5000	DCMTrad	Sample processed normally	
6	F0981-11A	sample	SVOA	5000	DCMTrad	Sample processed normally	
7	LCS-31474	sample	SVOA	5000	DCMTrad	Sample processed normally	
8	MB-31474	sample	SVOA	5000	DCMTrad	Sample processed normally	

Operator Name:

Notes:

Start: 23:16:24, 08/02/07

End: 08:19:39, 08/03/07

Outcome: Sequence executed normally

Sequence Log Report

Print Date: 8/3/2007
Print Time 11:28:12AM

Sequence: **GPC3070803**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	F0981-05A	sample	PEST	5000	DCMTrad	Sample processed normally	

MITKEM CORPORATION INSTRUMENT LOGBOOK

0769

Operator Name:

Notes:

Start: 09:02:11, 08/03/07

End: 10:11:16, 08/03/07

Outcome: Sequence executed normally

Sequence Log Report

Print Date: 8/9/2007
Print Time 10:18:19AM

MITKEM CORPORATION: INSTRUMENT GPC 3 LOGBOOK

Sequence: **GPC3070808**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	GPC3070808-PB	sample	PEST	5000	DCMTrad	Sample processed normally	
2	GPC3070808-PMS	sample	PEST	5000	DCMTrad	Sample processed normally	
3	GPC3070808-ARO	sample	PEST	5000	DCMTrad	Sample processed normally	
4	GPC3070808-SB	sample	SVOA	5000	DCMTrad	Sample processed normally	

Operator Name:

Notes:

Start: 19:04:59, 08/08/07

End: 23:34:58, 08/08/07

Outcome: Sequence executed normally

AccuChrome (tm) by J2

Sequence Log Report

Print Date: 8/14/2007
Print Time 3:32:13PM

MITKEM CORPORATION: INSTRUMENT GPC 3 LOGBOOK

Sequence: **GPC3070814**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	F0981-07ARE	sample	SVOA	5000	DCMTrad	Sample processed normally	
2	LCS-31655	sample	SVOA	5000	DCMTrad	Sample processed normally	
3	MB-31655	sample	SVOA	5000	DCMTrad	Sample processed normally	

9782

Operator Name:

Start: 09:25:39, 08/14/07
End: 12:49:28, 08/14/07

Outcome: Sequence executed normally

MITKEM CORPORATION **pH Determination Logbook**

pH Meter: 07071819

Date	Sample ID		pH Reading	Buffer IDs	Comments	Analyst
7.18.07	pH 4.00	—	4.01	1WPQA6(4.00)3A		CW
	pH 10.00	—	10.05	1WPQA6(10.00)2C		
	pH 7.00	—	7.02	1WPQA6(7.00)29D		
	FQ936	01	7.49			
		02	7.53			
		05	5.51			
		06	7.56			
		10	7.82			
		13	7.97			
		13DP	8.03			
		14	8.04			
		16	7.08			
	↓	18	5.74			
	FQ936	20	7.31			
	FQ963	11	7.58			
	FQ963	21	7.29			
	FQ963	22	7.87			
	FQ981	03	6.47 ✓			
	↓	04	7.57 ✓			
	↓	04DP	7.57			
↓	FQ981	05	7.44 ✓			↓
7.18.07	pH 7.00	—	7.03	1WPQA6(7.00)29D		CW
			7.18.07	CW		

pH LCS (Buffer 7.00) Acceptance Criteria:
±0.05 S.U.
Frequency: at least every 20 samples

Calibration Check Criteria:
pH Buffer: 4.00±0.05 S.U.
10.00+0.05 S.U.
7.00+0.05 S.U.

Logbook ID: 30.0210 - 04/07 **Level 1 Review by** CW 7.18.07

Data Entry to LIMS CW 7.18.07 **Level 2 QA Review** ARN 7/20/07

MITKEM CORPORATION **pH Determination Logbook**

pH Meter: pH Meter_070731A

Date	Sample ID		pH Reading	Buffer IDs	Comments	Analyst
~~7/30/07~~ 7/31/07	pH 4.0	—	4.00	IWP060613A		DKD
	pH 10.0	—	10.00	IWP061020C		
	pH 7.0	—	7.00	IWP061129D		
	F0981	09A	7.94 ✓	—		
	↓	09A DUP	7.89			
	↓	10A	7.62 ✓			
	F0981	11A	7.91 ✓			
	F1017	02A	7.36			
	↓	03A	7.94			
		04A	8.05			
		05A	6.46			
	↓	07A	8.03	↓		
	F1017	08A	6.33	—		
	pH 7.0	—	7.04	IWP061129D		
	F1017	09A	8.01	—		
	↓	10A	8.02	↓		
		11A	6.55			
		12A	6.70			
		14A	7.71			
	↓	15A	8.22			
	F1017	17A	8.66	↓		
	F1025	01A	8.00	—		
~~7/30/07~~ 7/31/07	pH 7.0	—	7.04	IWP061129D		DKD
				DKD 7/31/07		

pH LCS (Buffer 7.00) Acceptance Criteria:
±0.05 S.U.
Frequency: at least every 20 samples

Calibration Check Criteria:
pH Buffer: 4.00±0.05 S.U.
10.00±0.05 S.U.
7.00±0.05 S.U.

Logbook ID: 30.0210 - 04/07

Level 1 Review by DKD 7/31/07

Data Entry to LIMS DKD 7/31/07 **Level 2 QA Review** ACN 7/31/07

0764

MITKEM CORPORATION **pH Determination Logbook**

pH Meter: Ø7Ø723A

Date	Sample ID		pH Reading	Buffer IDs	Comments	Analyst
7.23.07	PH 4.0		3.97	IWP060613A		KP
	PH 10.0		10.02	IWP061020C		
	PH 7.0		6.98	IWP061129D		
	F0995	12A	7.56	~~7.5 KP 7.23.07~~		
		13A	4.54			
		14A	4.83			
		14A DUP	4.82			
	F0995	15B	~~7.77 KP 7.23.07~~ ← 7.34			
	F0981	07A	7.77 ✓			
	F0981	08A	6.15 ✓			
	F1001	01A	4.09			
7.23.07	PH 7.0		7.00	IWP061129D		KP

KP 7.23.07

pH LCS (Buffer 7.00) Acceptance Criteria:
±0.05 S.U.
Frequency: at least every 20 samples

Calibration Check Criteria:
pH Buffer: 4.00±0.05 S.U.
10.00+0.05 S.U.
7.00+0.05 S.U.

Logbook ID: 30.0210 - 04/07 **Level 1 Review by** KP

Data Entry to LIMS 7-23-07 **Level 2 QA Review** ARN 7/25/07

0785

MITKEM CORPORATION

Sample Receiving Logbook

Workorder No. F0981

Client Name: ENE

Date Recv'd 7.18.07 **Sample #s** 01-010 **Storage Locations:** VOA, BI, MI2 CW

Date Recv'd 7.19.07 **Sample #s** 07 **Storage Locations:** VOA, BI, MI2 CW

Date Recv'd 7.20.07 **Sample #s** 08 **Storage Locations:** VOA, BI, MI2 CW

Date Recv'd 7.24.07 **Sample #s** 09 **Storage Locations:** VOA, BI CW

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

OUT		IN	
Relinquished By	**Received By**	**Relinquished By**	**Received By**
Date: 7/18/07 Init: CW	Date: 7/18/07 Init: DKD	Date: 7/18/07 Init: DKD	Date: 7/18/07 Init: CW
Samp. #s 03-05A1 OCM SVOA		03-05A1	
Date: 7.18.07 Init: VP	Date: 7.18.07 Init: CW	Date: 7.18.07 Init: CW	Date: 7.18.07 Init: VP
Samp. #s 03-05A PH		03-05	
Date: 7/19/07 Init: CW	Date: 7/19/07 Init: JD	Date: 7/19/07 Init: CW	Date: 7/19/07 Init: JD
Samp. #s 3-5B CW		3-5B	
Date: 7.23.07 Init: CM	Date: 7.23.07 Init: KP	Date: 7.23.07 Init: KP	Date: 7.23.07 Init: CM
Samp. #s 07A, 08A PH		07A, 08A	
Date: 7/23/07 Init: CW	Date: 7/23/07 Init: DKD	Date: 7/23/07 Init: DKD	Date: 7/23/07 Init: CW
Samp. #s 03-05, 07, 08A1 OCM PP	07-08A1 OCM SVOA	03-05, 07-08, ~~12A~~ A1 DKD 7/23/07	
Date: 7/26/07 Init: CM	Date: 7/26/07 Init: BV	Date: 7/26/07 Init: BV	Date: 7/26/07 Init: CM
Samp. #s 01B, 06B, 03-5, 7-11A metals, NP		01B, 06B, 03-5, 7-11A	
Date: 7.26.07 Init: CM	Date: 7.26.07 Init: KP	Date: 7.26.07 Init: KP	Date: 7.26.07 Init: CM
Samp. #s 09A → 11A PH		07/26/07 BM 09A → 11A	
Date: 7/30/07 Init: JD	Date: 7/30 Init: DD	Date: 7/30 Init: JD	Date: 7/30 Init: DD
Samp. #s 7-11 CW		7-11	

Comments: _____

Please record analyst's initials, date, and sample #s removed. Add any comments if necessary (broken bottles, empty jars, etc.)
Include the abbreviated name of the test to be performed., ie: SVOA, PCB...near the "samp. #s".
Include bottle or jar number when more than one.

Reviewed: 07/26/07 BM

0785

MITKEM CORPORATION

* Pesticide / PCB Organics *

2F
SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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	PBLK5G	60	58	87	86			0
02	P5GLCS	61	59	76	74			0
03	PBLK5K	56	56	78	76			0
04	P5KLCS	49	48	69	67			0
05	MW-BR09B	43	43	58	56			0
06	MW-BR10	44	44	65	63			0
07	MW-BR12	35	34	61	60			0
08	MW-BR12MS	51	50	58	57			0
09	MW-BR12MSD	38	38	63	64			0
10	SB06	45	47	62	65			0
11	SB12	45	43	55	50			0
12	SB12/D	57	56	67	43			0
13	MW-BR07	52	54	248*	125			1
14	MW-BR09A	41	38	52	52			0
15	MW-BR07DL	67	61	230D	136			0
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

8788

3F

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix Spike - EPA Sample No.: MW-BR12

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	19	0.00	9.8	52	46-127
Heptachlor	19	0.00	10	53	35-130
Aldrin	19	0.00	10	53	34-132
Dieldrin	38	0.00	21	55	31-134
Endrin	38	0.00	26	68	42-139
4,4'-DDT	38	0.00	21	55	23-134

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
gamma-BHC (Lindane)	19	9.0	47	10	50	46-127
Heptachlor	19	9.3	49	8	31	35-130
Aldrin	19	9.3	49	8	43	34-132
Dieldrin	39	23	59	7	38	31-134
Endrin	39	29	74	8	45	42-139
4,4'-DDT	39	24	62	12	50	23-134

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

* Values outside of QC limits

RPD: 0 out of 6 outside limits
Spike Recovery: 0 out of 12 outside limits

COMMENTS: _____

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0981

Matrix Spike - Sample No.: P5GLCS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	17		11	65	46-127
Heptachlor	17		11	65	35-130
Aldrin	17		11	65	34-132
Dieldrin	33		24	73	31-134
Endrin	33		30	91	42-139
4,4'-DDT	33		24	73	23-134

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: _____

_____

FORM III PEST

FORM 3
SOIL PESTICIDE LAB CONTROL SAMPLE

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0981

Matrix Spike - Sample No.: P5KLCS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC #	QC. LIMITS REC.
gamma-BHC (Lindane)	17		9.0	53	46-127
Heptachlor	17		9.4	55	35-130
Aldrin	17		9.3	55	34-132
Dieldrin	33		21	64	31-134
Endrin	33		26	79	42-139
4,4'-DDT	33		21	64	23-134

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

EPA SAMPLE NO.

PESTICIDE METHOD BLANK SUMMARY

PBLK5G

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab Sample ID: MB-31308 Lab File ID: E5D6343F

Matrix (soil/water) SOIL Extraction: (Type) SONC

Sulfur Cleanup (Y/N) Y Date Extracted: 07/23/07

Date Analyzed (1): 07/27/07 Date Analyzed (2): 07/27/07

Time Analyzed (1): 0919 Time Analyzed (2): 0919

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	P5GLCS	LCS-31308	07/27/07	07/27/07
02	SB06	F0981-03A	08/03/07	08/03/07
03	SB12	F0981-04A	08/03/07	08/03/07
04	SB12/D	F0981-05A	08/03/07	08/03/07
05	MW-BR07	F0981-07A	08/04/07	08/04/07
06	MW-BR09A	F0981-08A	08/04/07	08/04/07
07	MW-BR07DL	F0981-07ADL	08/04/07	08/04/07
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

8792

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PBLK5K

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab Sample ID: MB-31475 Lab File ID: E5D6502F

Matrix (soil/water) SOIL Extraction: (Type) SONC

Sulfur Cleanup (Y/N) Y Date Extracted: 08/01/07

Date Analyzed (1): 08/03/07 Date Analyzed (2): 08/03/07

Time Analyzed (1): 1452 Time Analyzed (2): 1452

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	P5KLCS	LCS-31475	08/03/07	08/03/07
02	MW-BR09B	F0981-09A	08/03/07	08/03/07
03	MW-BR10	F0981-10A	08/03/07	08/03/07
04	MW-BR12	F0981-11A	08/03/07	08/03/07
05	MW-BR12MS	F0981-11AMS	08/03/07	08/03/07
06	MW-BR12MSD	F0981-11AMSD	08/03/07	08/03/07
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

COMMENTS: _____

0798

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

MW-BR07

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07A

Sample wt/vol: 30.2(g/mL) G Lab File ID: E5D6520F

% Moisture: 18 Decanted: (Y/N) N Date Received: 07/19/07

Extraction: (Type) SONC Date Extracted: 07/23/07

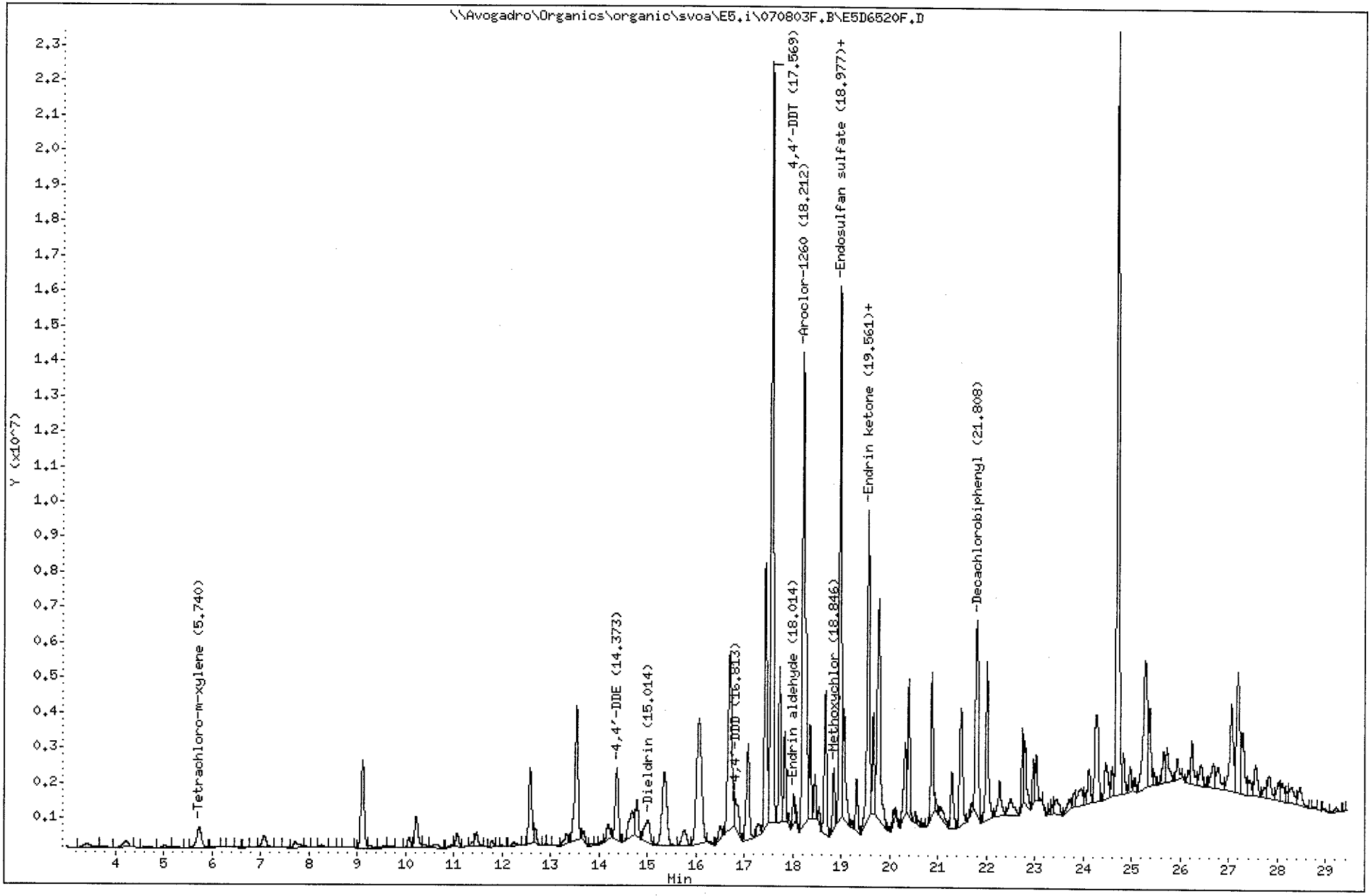
Concentrated Extract Volume: 5000(uL) Date Analyzed: 08/04/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) Y

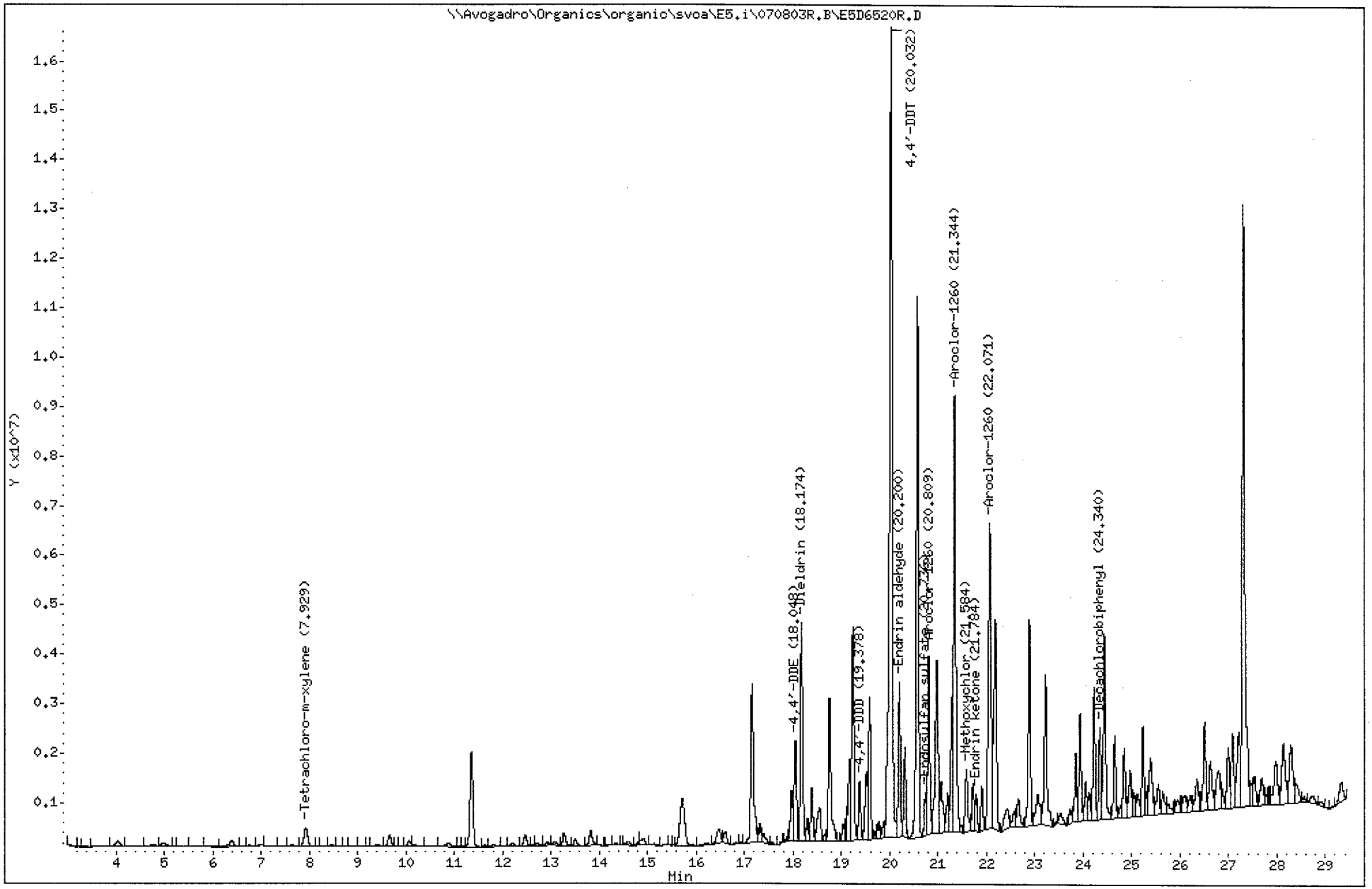
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	7.9	P
72-55-9	4,4'-DDE	15	P
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4'-DDD	11	
1031-07-8	Endosulfan sulfate	8.1	P
50-29-3	4,4'-DDT	130	EP
72-43-5	Methoxychlor	22	P
53494-70-5	Endrin ketone	7.6	P
7421-93-4	Endrin aldehyde	5.3	P
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	81	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	1100	P

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6520F.D
Date : 04-AUG-2007 00:47
Client ID: MW-BR07
Instrument: E5.i
Sample Info: F0981-07A,,31308,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



SZ19

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6520R.D
Date : 04-AUG-2007 00:47
Client ID: MW-BR07
Instrument: E5.i
Sample Info: F0981-07A,,31308,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



SS12

Data File: E5D6520F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6520F.D
Lab Smp Id: F0981-07A Client Smp ID: MW-BR07
Inj Date : 04-AUG-2007 00:47
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-07A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	18.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.740	5.711	0.029	3821673	0.02099	8.5			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.807	21.810	-0.003	24143381	0.09930	40			(AR)
13 4,4'-DDE					CAS #: 72-55-9			
14.372	14.370	0.002	9387678	0.03819	15			
14 Dieldrin					CAS #: 60-57-1			
15.014	14.986	0.028	5120127	0.01962	7.9			
16 4,4'-DDD					CAS #: 72-54-8			
16.812	16.870	-0.058	5377456	0.02686	11			
18 4,4'-DDT					CAS #: 50-29-3			
17.568	17.561	0.007	75714549	0.33085	130			(A)

8/10/07

Data File: E5D6520F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
19 Endrin aldehyde					CAS #: 7421-93-4			
18.014	18.007	0.007	2427335	0.01323	5.3			
20 Endosulfan sulfate					CAS #: 1031-07-8			
18.976	18.976	0.000	47803849	0.23231	94			(A)
21 Methoxychlor					CAS #: 72-43-5			
18.846	18.856	-0.010	5382305	0.05435	22			
22 Endrin ketone					CAS #: 53494-70-5			
19.561	19.515	0.046	32059886	0.14211	57			
29 Aroclor-1260					CAS #: 11096-82-5			
18.211	18.270	-0.059	59530584	7.15740	2900	80.00- 120.00	100.00	
18.976	18.971	0.005	47803849	2.09720	850	240.67- 280.67	80.30	
19.561	19.557	0.004	32059886	2.83777	1100	109.66- 149.66	53.85	
Average of Peak Concentrations =					1600			

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

8798

Data File: E5D6520R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6520R.D
Lab Smp Id: F0981-07A Client Smp ID: MW-BR07
Inj Date : 04-AUG-2007 00:47
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-07A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	18.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.929	7.903	0.026	2108586	0.02155	8.7			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.340	24.329	0.011	6035279	0.04991	20			
14 4,4'-DDE					CAS #: 72-55-9			
18.047	18.038	0.009	7202720	0.05427	22			
15 Dieldrin					CAS #: 60-57-1			
18.174	18.203	-0.029	14284227	0.10057	41			
17 4,4'-DDD					CAS #: 72-54-8			
19.377	19.368	0.009	3440874	0.03111	13			
19 4,4'-DDT					CAS #: 50-29-3			
20.031	20.023	0.008	65411917	0.55744	230			(A)

Data File: E5D6520R.D
Report Date: 09-Aug-2007 13:28

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
20 Endrin aldehyde					CAS #: 7421-93-4		
20.200	20.177	0.023	9605269	0.10039	41		
21 Endosulfan sulfate					CAS #: 1031-07-8		
20.736	20.766	-0.030	2318481	0.02002	8.1		
22 Methoxychlor					CAS #: 72-43-5		
21.583	21.566	0.017	4878487	0.08794	36		
23 Endrin ketone					CAS #: 53494-70-5		
21.783	21.813	-0.030	2232866	0.01872	7.6		
30 Aroclor-1260					CAS #: 11096-82-5		
20.809	20.799	0.010	10858570	2.39561	970	80.00- 120.00	100.00
21.344	21.332	0.012	29095961	2.66924	1100	216.86- 256.86	267.95
22.071	22.063	0.008	24372514	3.02719	1200	158.12- 198.12	224.45
			Average of Peak Concentrations =		1100		

QC Flag Legend

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

8/10/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-07ADL

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E5D6532F

% Moisture: 18 Decanted: (Y/N) N Date Received: 07/19/07

Extraction: (Type) SONC Date Extracted: 07/23/07

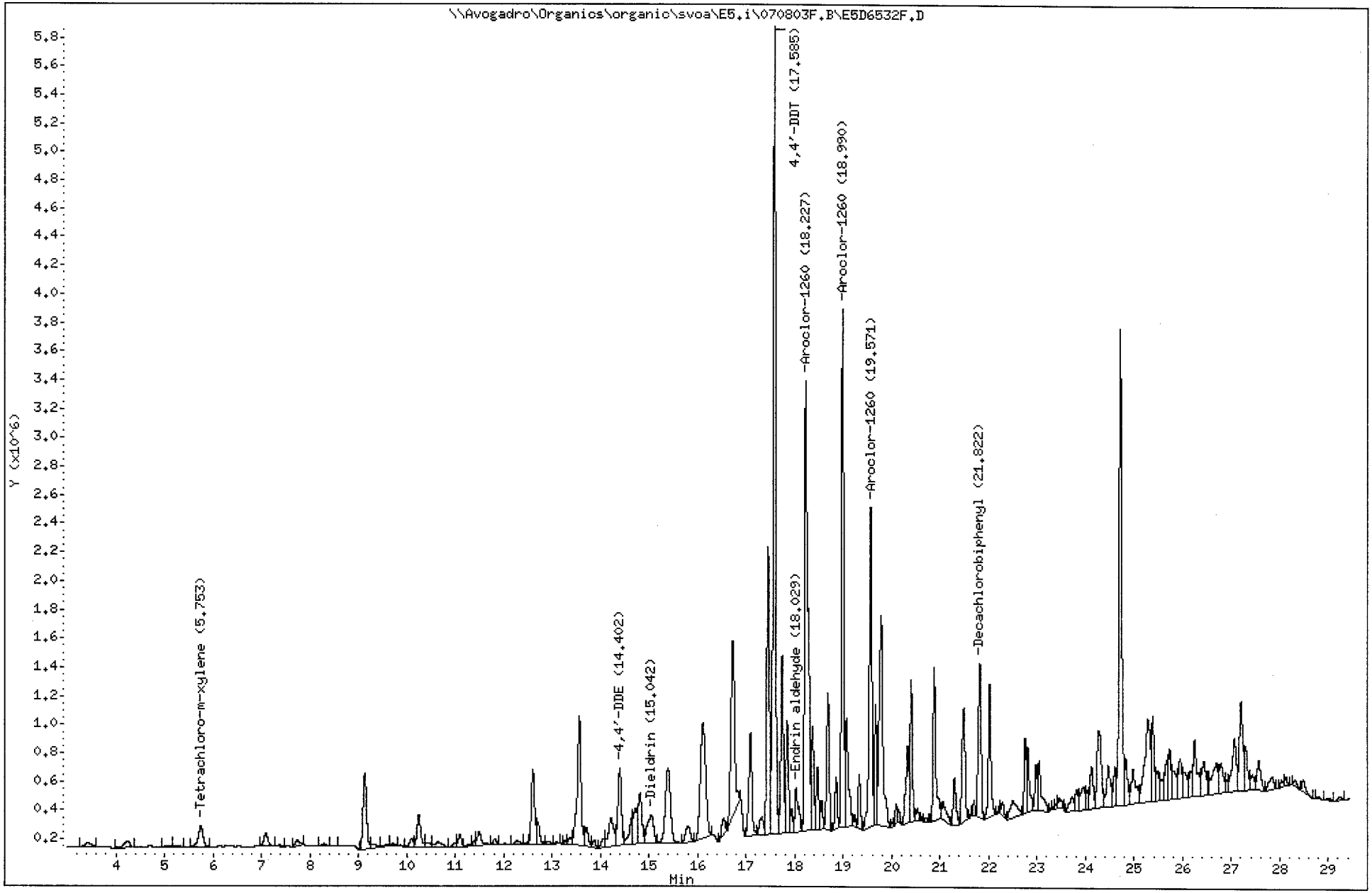
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/04/07

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) Y pH: 7.8 Sulfur Cleanup: (Y/N) Y

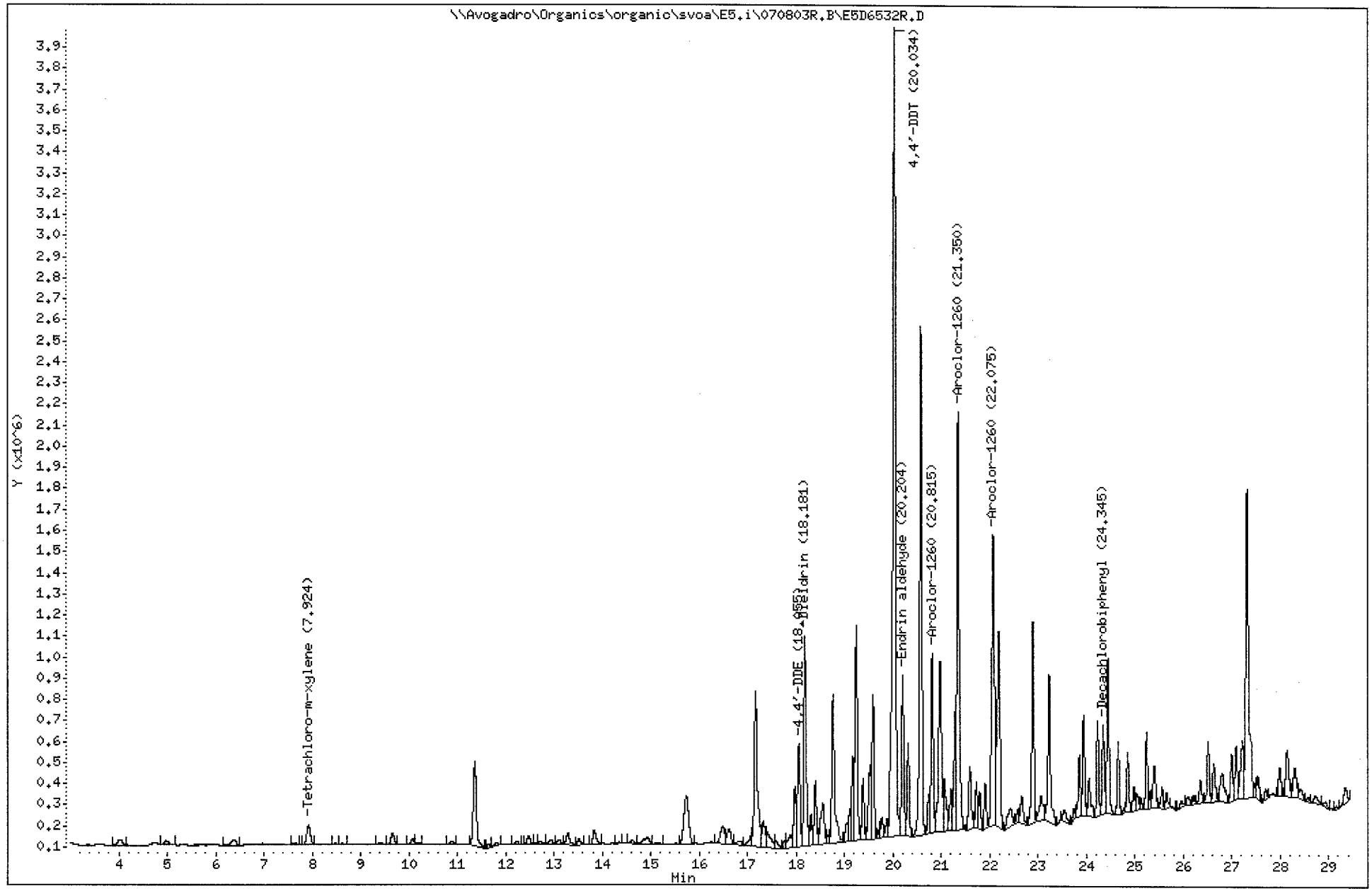
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	10	U
319-85-7	beta-BHC	10	U
319-86-8	delta-BHC	10	U
58-89-9	gamma-BHC (Lindane)	10	U
76-44-8	Heptachlor	10	U
309-00-2	Aldrin	10	U
1024-57-3	Heptachlor epoxide	10	U
959-98-8	Endosulfan I	10	U
60-57-1	Dieldrin	13	DJP
72-55-9	4,4'-DDE	23	D
72-20-8	Endrin	20	U
33213-65-9	Endosulfan II	20	U
72-54-8	4,4'-DDD	20	U
1031-07-8	Endosulfan sulfate	20	U
50-29-3	4,4'-DDT	170	DP
72-43-5	Methoxychlor	100	U
53494-70-5	Endrin ketone	20	U
7421-93-4	Endrin aldehyde	17	DJP
5103-71-9	alpha-Chlordane	10	U
5103-74-2	gamma-Chlordane	10	U
8001-35-2	Toxaphene	1000	U
12674-11-2	Aroclor-1016	200	U
11104-28-2	Aroclor-1221	410	U
11141-16-5	Aroclor-1232	200	U
53469-21-9	Aroclor-1242	200	U
12672-29-6	Aroclor-1248	200	U
11097-69-1	Aroclor-1254	200	U
11096-82-5	Aroclor-1260	1300	DP

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6532F.D
Date : 04-AUG-2007 16:15
Client ID: MW-BR07DL
Instrument: E5.i
Sample Info: F0981-07ADL,,31308,clp,sub,,5
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



2888

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6532R.D
Date : 04-AUG-2007 16:15
Client ID: MW-BR07DL
Instrument: E5.i
Sample Info: F0981-07ADL,,31308,clp,sub,,5
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



C998

Data File: E5D6532F.D
Report Date: 10-Aug-2007 13:09

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6532F.D
Lab Smp Id: F0981-07ADL Client Smp ID: MW-BR07DL
Inj Date : 04-AUG-2007 16:15
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-07ADL,,31308,clp.sub,,5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 25
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: clp.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	5.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	18.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
5.752	5.711	0.041	969811	0.00533	11			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
21.822	21.810	0.012	4483001	0.01844	37			(R)
13 4,4'-DDE						CAS #: 72-55-9		
14.402	14.370	0.032	2800963	0.01140	23			
14 Dieldrin						CAS #: 60-57-1		
15.042	14.986	0.056	1717121	0.00658	13			(a)
18 4,4'-DDT						CAS #: 50-29-3		
17.584	17.561	0.023	19677091	0.08598	170			
19 Endrin aldehyde						CAS #: 7421-93-4		
18.028	18.007	0.021	1513877	0.00825	17			(a)

8/10/07

Data File: E5D6532F.D
Report Date: 10-Aug-2007 13:09

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
29 Aroclor-1260					CAS #: 11096-82-5		
18.227	18.270	-0.043	14983180	1.80144	3600	80.00- 120.00	100.00
18.989	18.971	0.018	11481844	0.50372	1000	240.67- 280.67	76.63
19.571	19.557	0.014	8532899	0.75529	1500	109.66- 149.66	56.95
		Average of Peak Concentrations =			2100		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

8/10/07

Data File: E5D6532R.D
Report Date: 10-Aug-2007 13:09

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6532R.D
Lab Smp Id: F0981-07ADL Client Smp ID: MW-BR07DL
Inj Date : 04-AUG-2007 16:15
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-07ADL,,31308,clp.sub,,5
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 25
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	5.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	18.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
7.923	7.903	0.020	476849	0.00487	9.8			(a)
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3		
24.345	24.329	0.016	1311634	0.01085	22			
14 4,4'-DDE						CAS #: 72-55-9		
18.055	18.038	0.017	1869162	0.01408	28			
15 Dieldrin						CAS #: 60-57-1		
18.181	18.203	-0.022	3546247	0.02497	50			
19 4,4'-DDT						CAS #: 50-29-3		
20.033	20.023	0.010	15555876	0.13257	270			
20 Endrin aldehyde						CAS #: 7421-93-4		
20.203	20.177	0.026	2454232	0.02565	52			

8/10/07

Data File: E5D6532R.D
Report Date: 10-Aug-2007 13:09

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
30 Aroclor-1260					CAS #: 11096-82-5		
20.815	20.799	0.016	2619878	0.57800	1200	80.00- 120.00	100.00
21.349	21.332	0.017	6439832	0.59078	1200	216.86- 256.86	245.81
22.075	22.063	0.012	5628963	0.69915	1400	158.12- 198.12	214.86
		Average of Peak Concentrations =			1300		

QC Flag Legend

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

8/14/07

0807

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-08A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E5D6522F

% Moisture: 10 Decanted: (Y/N) N Date Received: 07/20/07

Extraction: (Type) SONC Date Extracted: 07/23/07

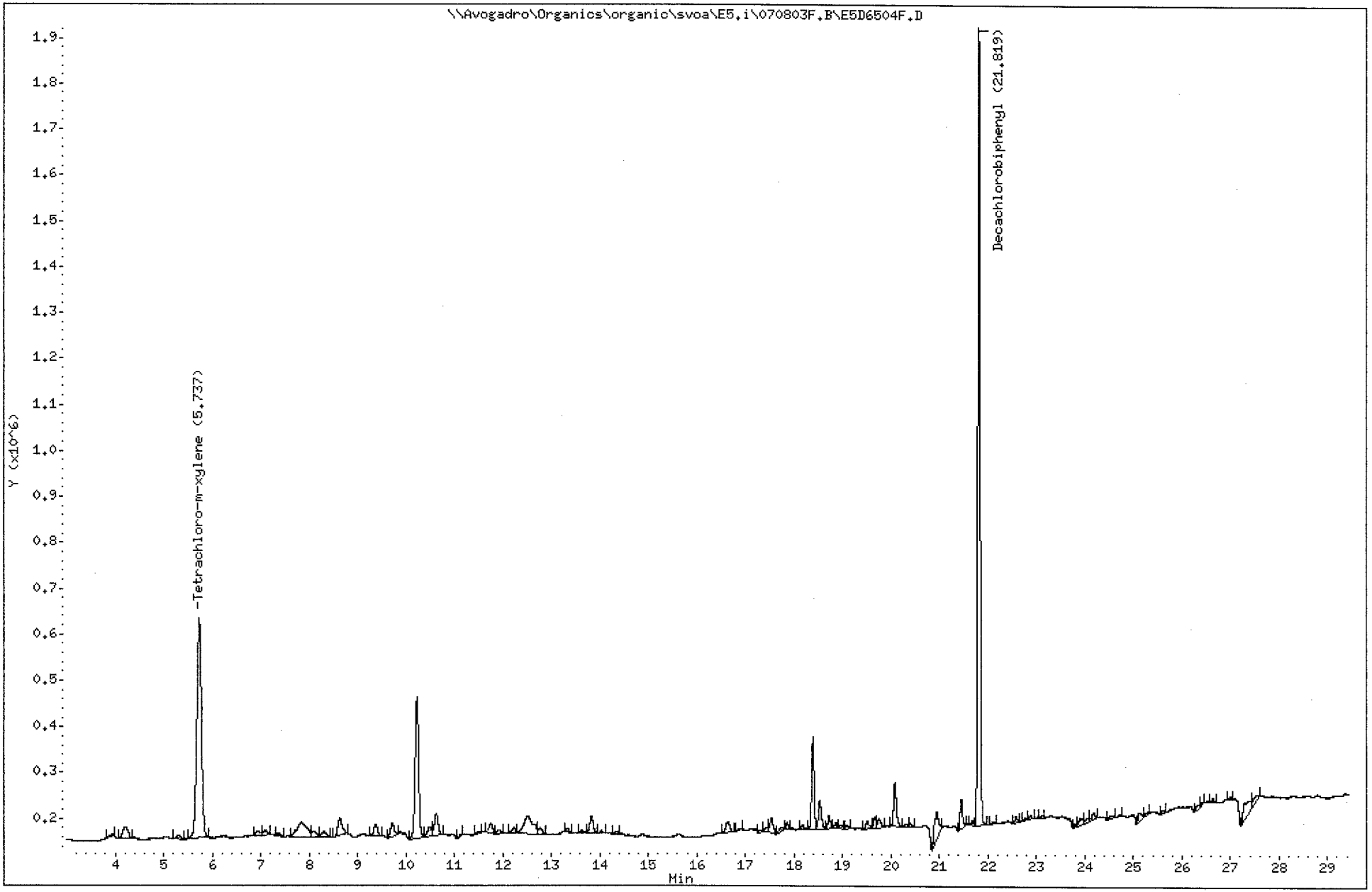
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/04/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.2 Sulfur Cleanup: (Y/N) Y

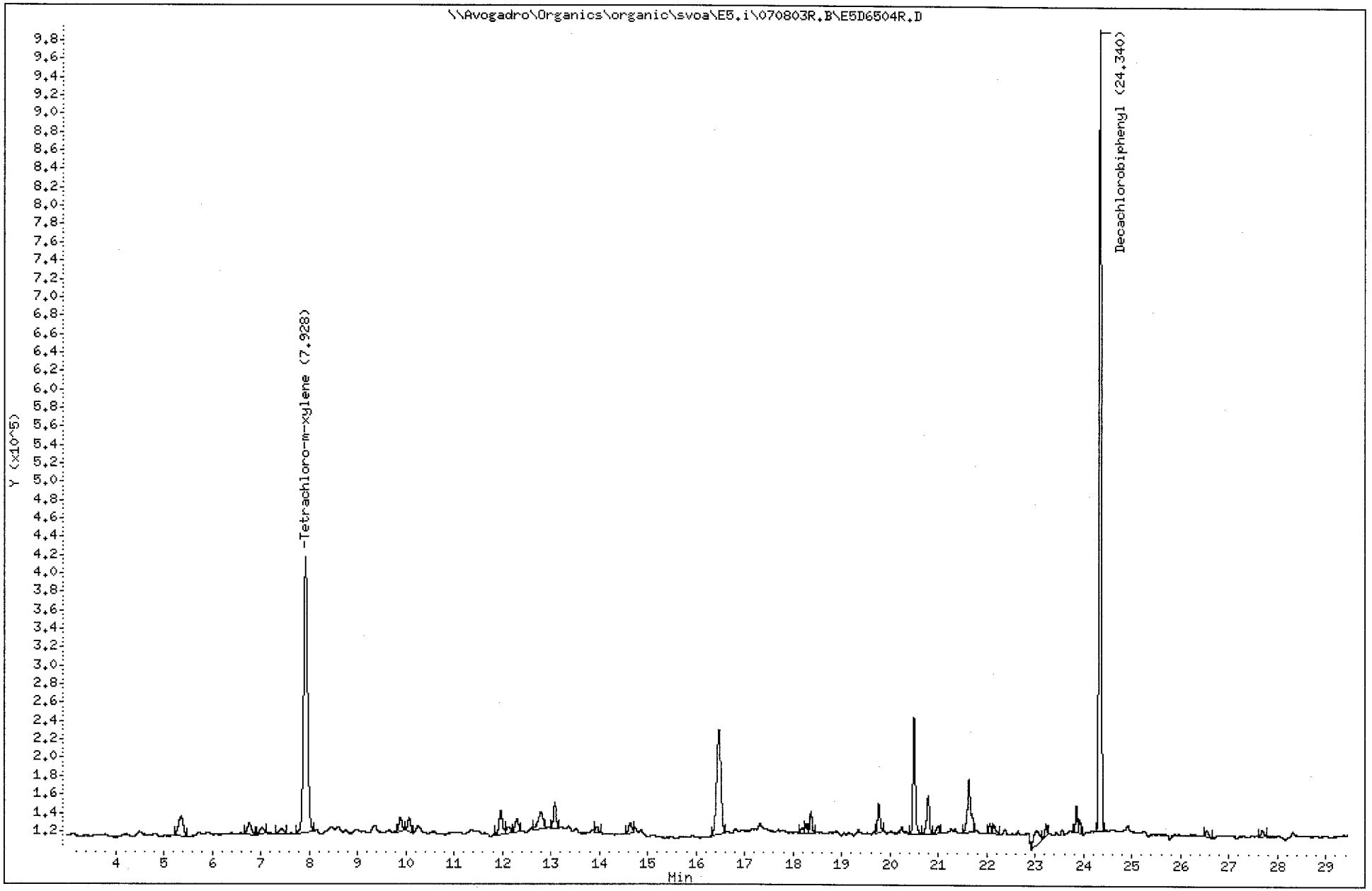
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	74	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6504F.D
Date : 03-AUG-2007 15:58
Client ID: MW-BR09B
Instrument: E5.i
Sample Info: F0981-09A,,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



5668

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6504R.D
Date : 03-AUG-2007 15:58
Client ID: MW-BR09B
Instrument: E5.i
Sample Info: F0981-09A,,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



0139

Data File: E5D6504F.D
Report Date: 16-Aug-2007 11:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6504F.D
Lab Smp Id: F0981-09A Client Smp ID: MW-BR09B
Inj Date : 03-AUG-2007 15:58
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-09A,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 14-Aug-2007 11:17 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	15.000	% Moisture
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.736	5.711	0.025	3154161	0.01732	6.7		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.819	21.810	0.009	5618387	0.02311	9.0		

8/16/07

Data File: E5D6504R.D
Report Date: 16-Aug-2007 11:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6504R.D
Lab Smp Id: F0981-09A Client Smp ID: MW-BR09B
Inj Date : 03-AUG-2007 15:58
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-09A,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 14-Aug-2007 11:18 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	15.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.927	7.903	0.024	1671671	0.01709	6.7		
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.340	24.329	0.011	2711318	0.02242	8.7		

8/14/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-09A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E5D6504F

% Moisture: 15 Decanted: (Y/N) N Date Received: 07/24/07

Extraction: (Type) SONC Date Extracted: 08/01/07

Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/03/07

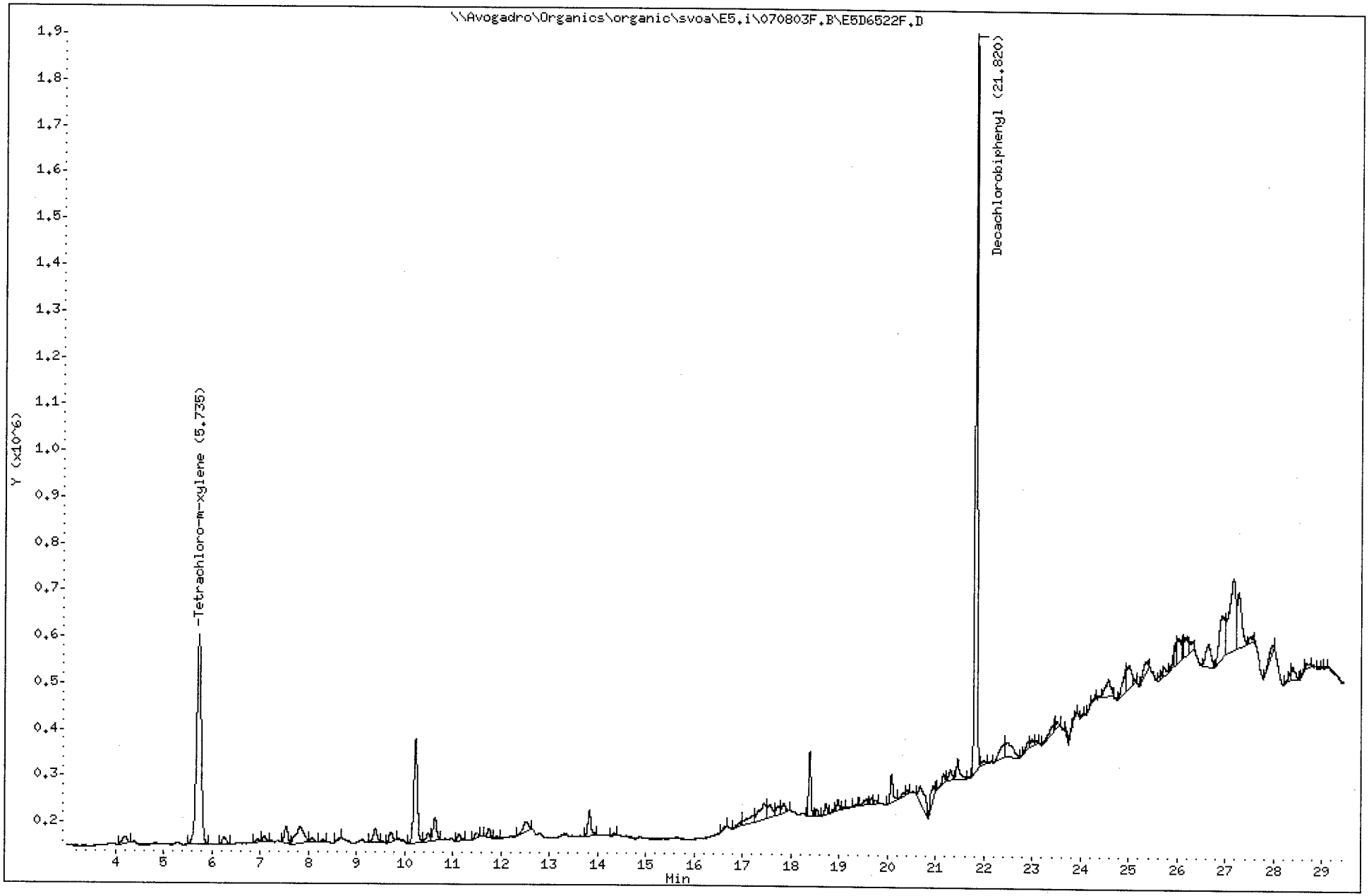
Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Sulfur Cleanup: (Y/N) Y

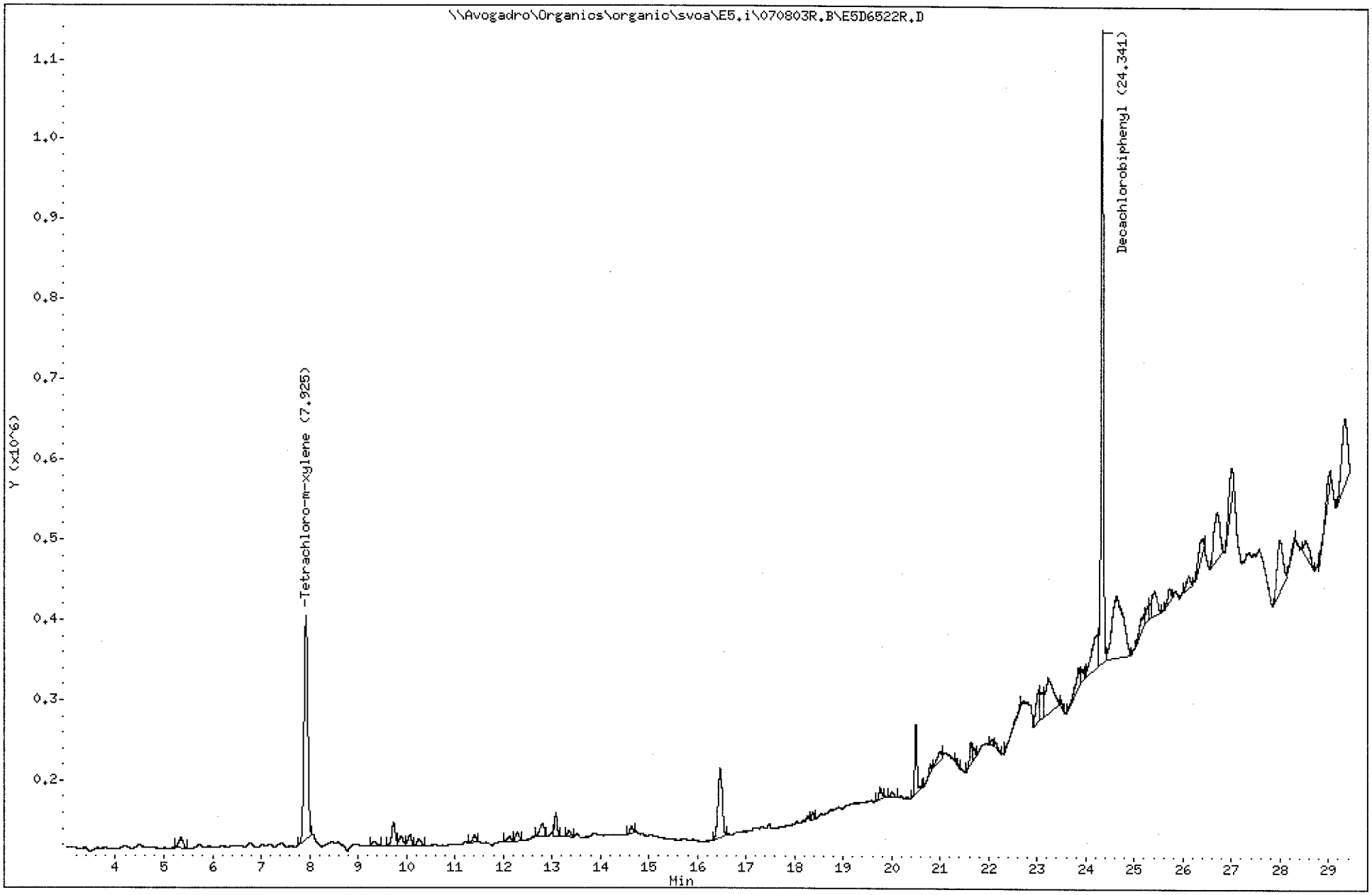
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	3.9	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6522F.D
Date : 04-AUG-2007 01:53
Client ID: MW-BR09A
Sample Info: F0981-08A,,31308,clp,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

Instrument: E5.i
Operator: SZ SRC: LIMS
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6522R.D
Date : 04-AUG-2007 01:53
Client ID: MW-BR09A
Instrument: E5.i
Sample Info: F0981-08A,,31308,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



SF69

Data File: E5D6522F.D
Report Date: 16-Aug-2007 11:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6522F.D
Lab Smp Id: F0981-08A Client Smp ID: MW-BR09A
Inj Date : 04-AUG-2007 01:53
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-08A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 14-Aug-2007 11:17 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	10.000	% Moisture
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.735	5.711	0.024	3008478	0.01652	6.1		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
21.819	21.810	0.009	5088720	0.02093	7.7		

8/16/07

Data File: E5D6522R.D
Report Date: 16-Aug-2007 11:22

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6522R.D
Lab Smp Id: F0981-08A Client Smp ID: MW-BR09A
Inj Date : 04-AUG-2007 01:53
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-08A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 14-Aug-2007 11:18 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	10.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.925	7.903	0.022	1484990	0.01518	5.6		
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.341	24.329	0.012	2505016	0.02072	7.6		

8/14/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR10

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-10A

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E5D6505F

% Moisture: 16 Decanted: (Y/N) N Date Received: 07/25/07

Extraction: (Type) SONC Date Extracted: 08/01/07

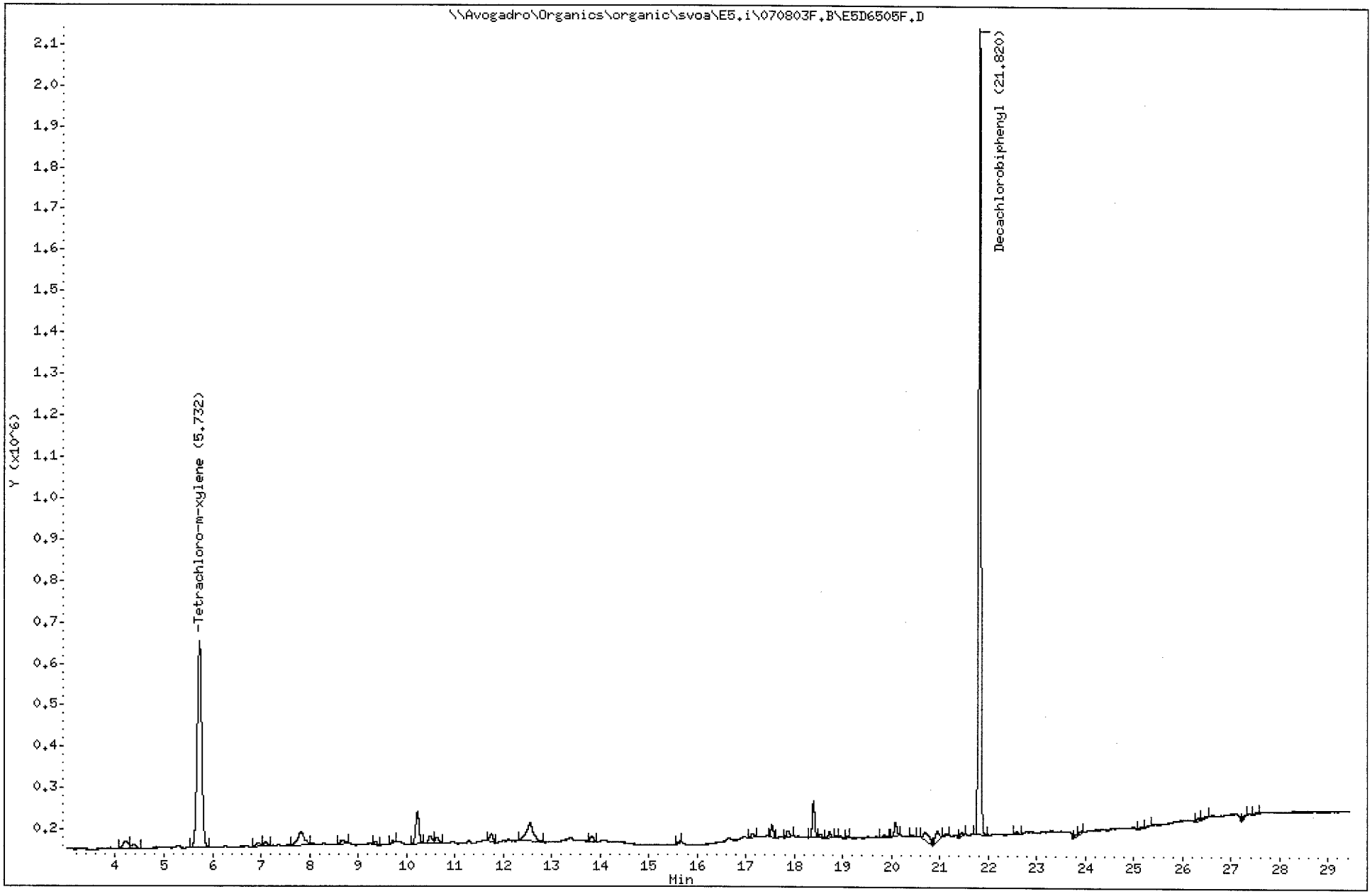
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.6 Sulfur Cleanup: (Y/N) Y

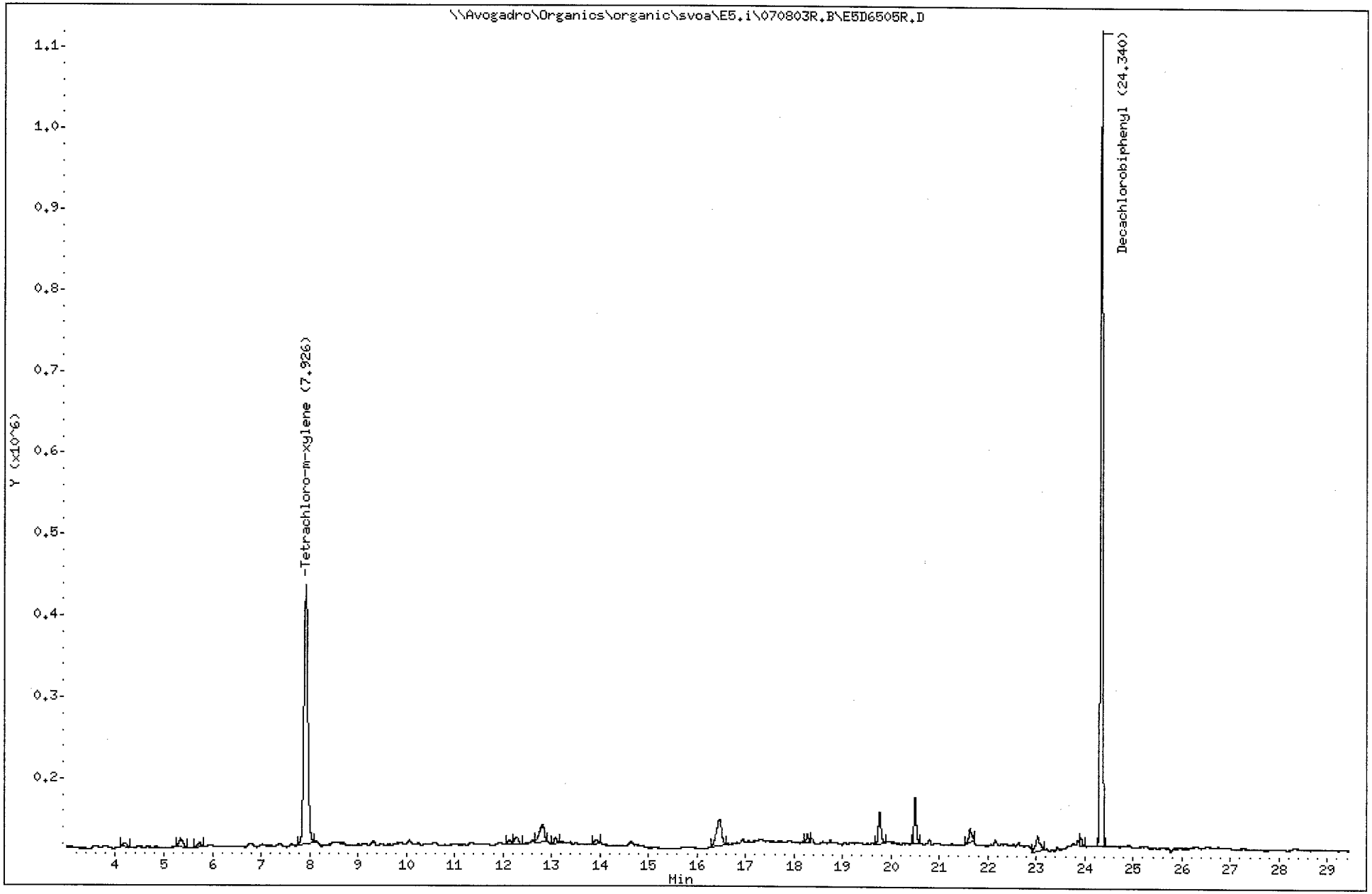
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	U
72-54-8	4,4'-DDD	3.9	U
1031-07-8	Endosulfan sulfate	3.9	U
50-29-3	4,4'-DDT	3.9	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.9	U
7421-93-4	Endrin aldehyde	3.9	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	39	U
11104-28-2	Aroclor-1221	79	U
11141-16-5	Aroclor-1232	39	U
53469-21-9	Aroclor-1242	39	U
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	U
11096-82-5	Aroclor-1260	39	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6505F.D
Date : 03-AUG-2007 16:31
Client ID: MW-BR10
Instrument: E5.i
Sample Info: F0981-10A,,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



ST36

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6505R.D
Date : 03-AUG-2007 16:31
Client ID: MW-BR10
Instrument: E5.i
Sample Info: F0981-10A,,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



8295

Data File: E5D6505F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6505F.D
Lab Smp Id: F0981-10A Client Smp ID: MW-BR10
Inj Date : 03-AUG-2007 16:31
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-10A,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	16.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.732	5.711	0.021	3222170	0.01769	7.0		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.819	21.810	0.009	6361196	0.02616	10		

8/09/07

Data File: E5D6505R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6505R.D
Lab Smp Id: F0981-10A Client Smp ID: MW-BR10
Inj Date : 03-AUG-2007 16:31
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-10A,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	16.000	% Moisture
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.925	7.903	0.022	1737353	0.01776	7.0		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.339	24.329	0.010	3061242	0.02532	10		

8/09/07

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

MW-BR12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E5D6506F

% Moisture: 14 Decanted: (Y/N) N Date Received: 07/25/07

Extraction: (Type) SONC Date Extracted: 08/01/07

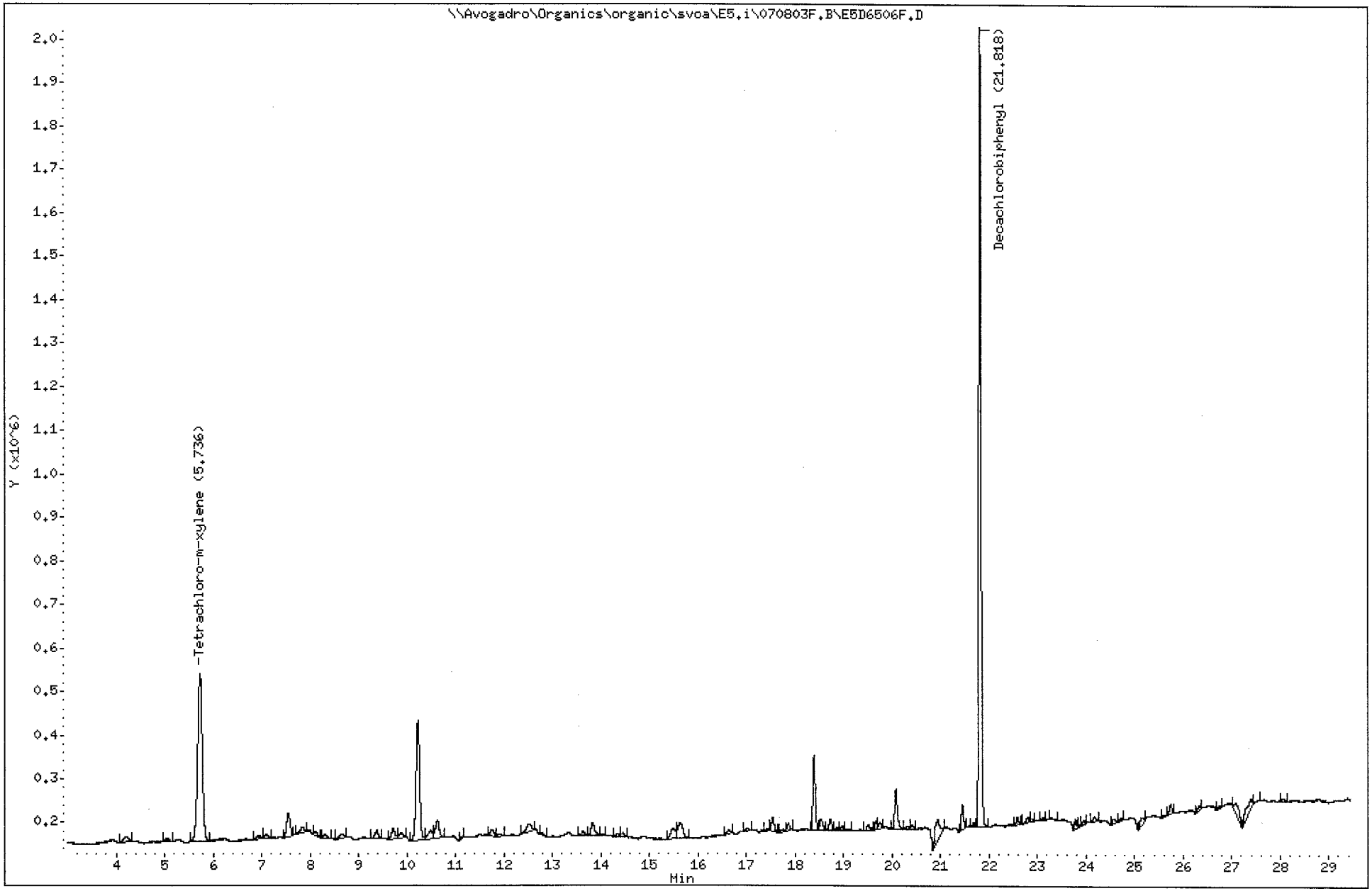
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Sulfur Cleanup: (Y/N) Y

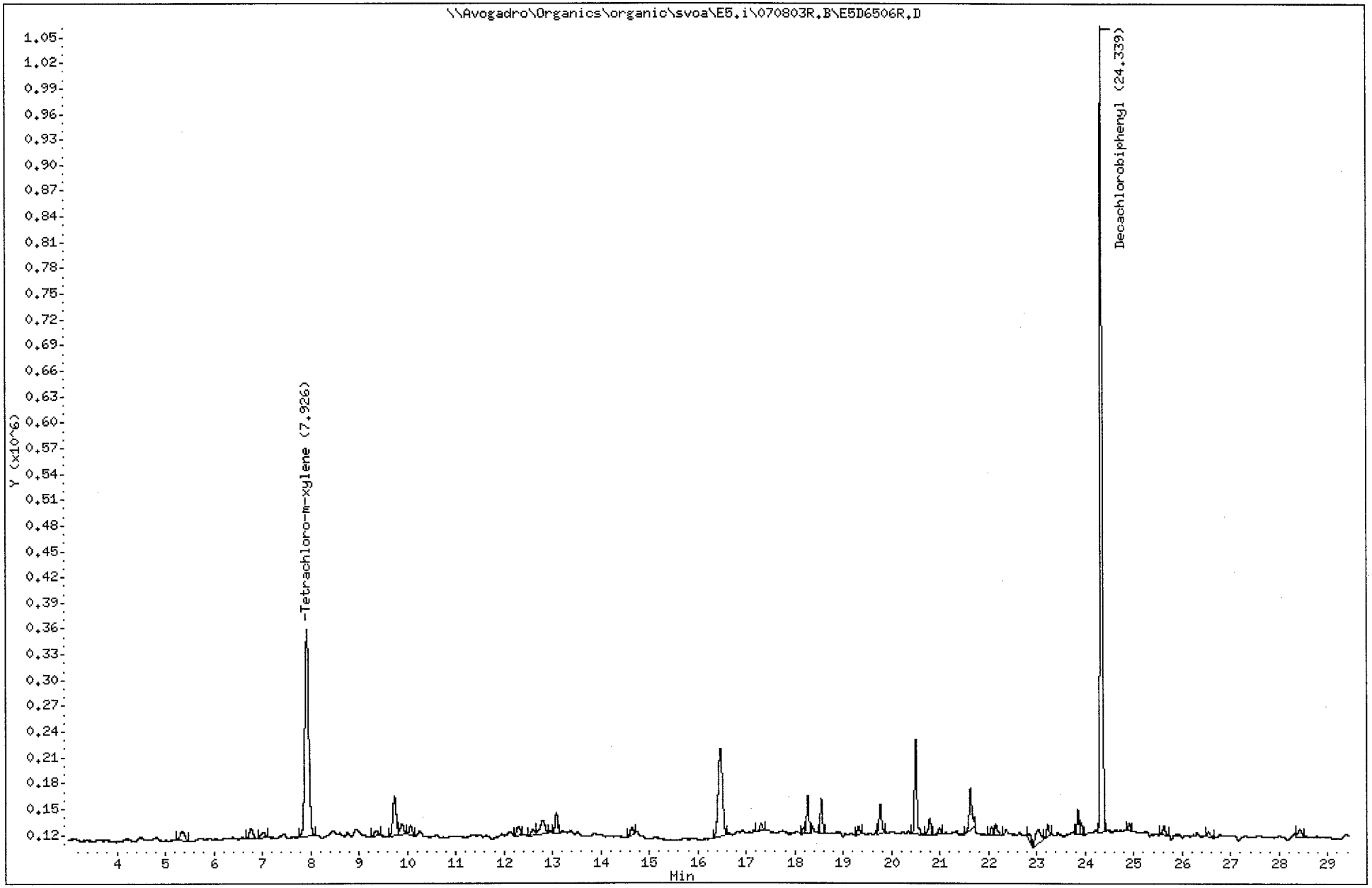
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6506F.D
Date : 03-AUG-2007 17:04
Client ID: MW-BR12
Instrument: E5.i
Sample Info: F0981-11A,,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



4239

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6506R.D
Date : 03-AUG-2007 17:04
Client ID: MW-BR12
Instrument: E5.i
Sample Info: F0981-11A,,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



SZ 8/3/07

Data File: E5D6506F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6506F.D
Lab Smp Id: F0981-11A Client Smp ID: MW-BR12
Inj Date : 03-AUG-2007 17:04
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-11A,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.736	5.711	0.025	2538961	0.01394	5.4		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.817	21.810	0.007	5951671	0.02448	9.5		

8/9/07

Data File: E5D6506R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6506R.D
Lab Smp Id: F0981-11A Client Smp ID: MW-BR12
Inj Date : 03-AUG-2007 17:04
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-11A,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.926	7.903	0.023	1322250	0.01352	5.2		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.338	24.329	0.009	2888188	0.02388	9.2		

8/09/07

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SB06

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-03A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E5D6515F

% Moisture: 13 Decanted: (Y/N) N Date Received: 07/18/07

Extraction: (Type) SONC Date Extracted: 07/23/07

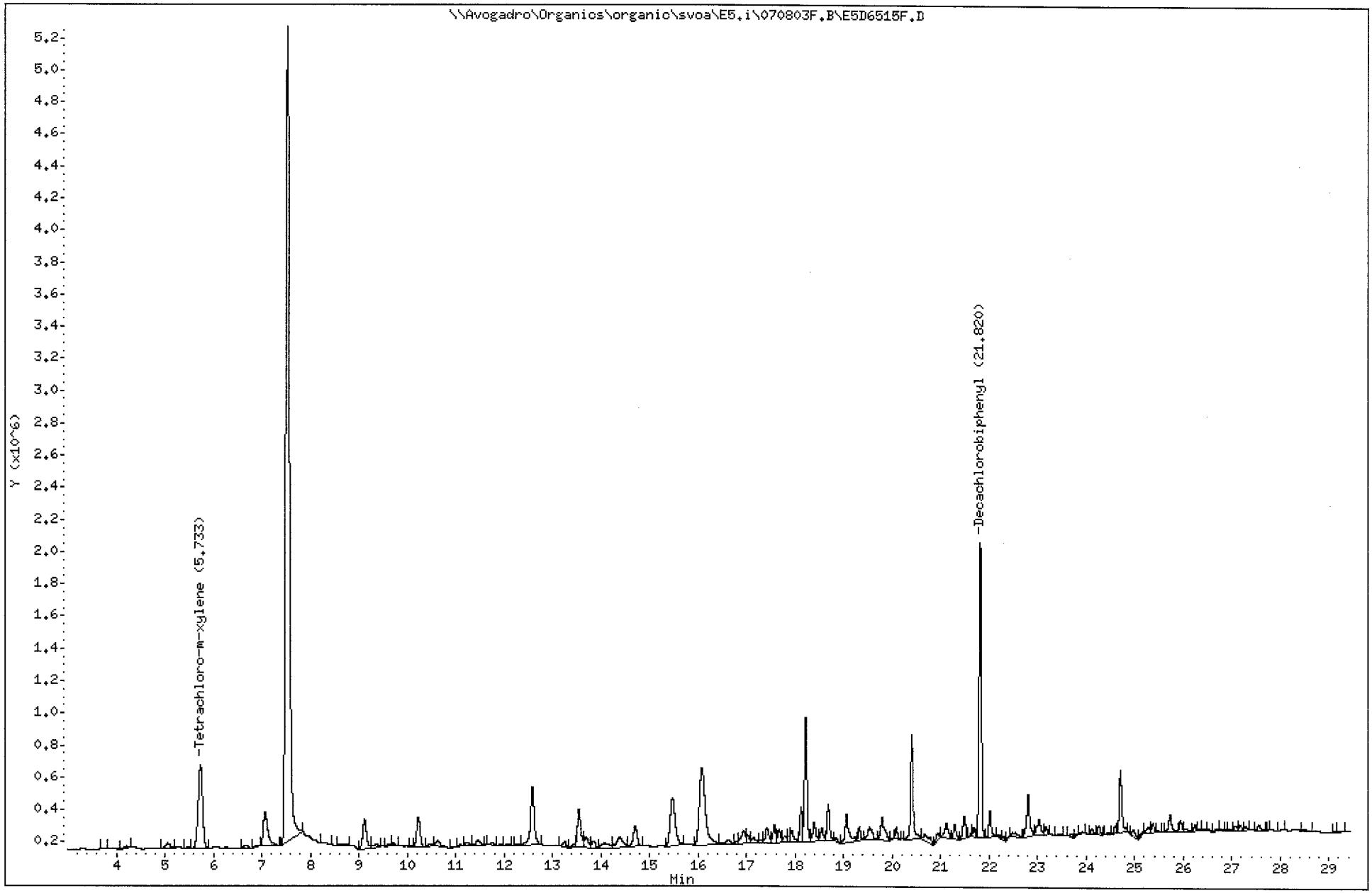
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 6.5 Sulfur Cleanup: (Y/N) Y

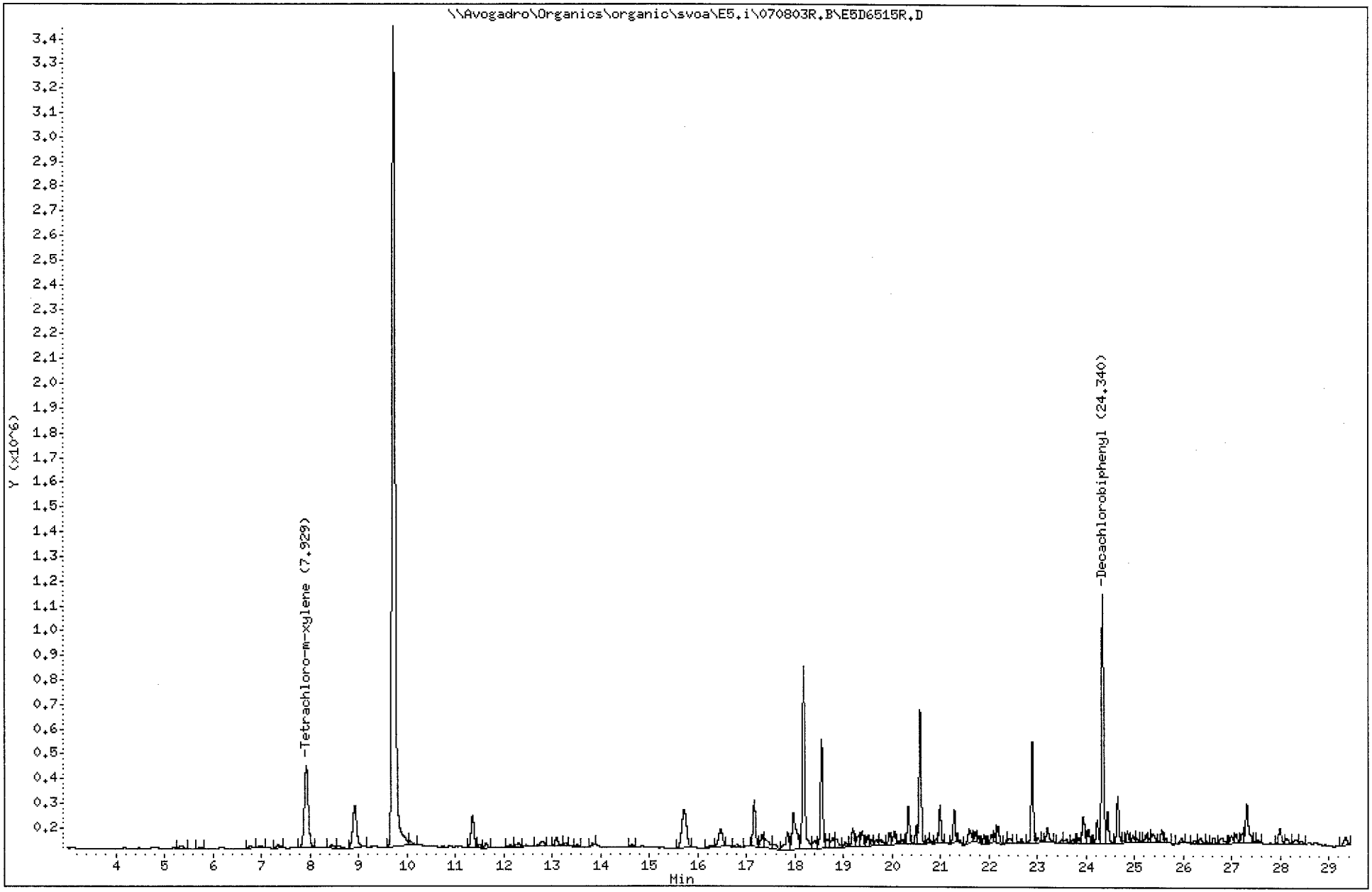
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6515F.D
Date : 03-AUG-2007 22:02
Client ID: SB06
Instrument: E5.i
Sample Info: F0981-03A,,31308,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



S2855

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6515R.D
Date : 03-AUG-2007 22:02
Client ID: SB06
Instrument: E5.i
Sample Info: F0981-03A,,31308,clp.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



SC3595

Data File: E5D6515F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6515F.D
Lab Smp Id: F0981-03A Client Smp ID: SB06
Inj Date : 03-AUG-2007 22:02
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-03A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	13.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.732	5.711	0.021	3301254	0.01813	6.9		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.820	21.810	0.010	6003116	0.02469	9.4		

8/6/07

K

Data File: E5D6515R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6515R.D
Lab Smp Id: F0981-03A Client Smp ID: SB06
Inj Date : 03-AUG-2007 22:02
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-03A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	13.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.928	7.903	0.025	1827503	0.01868	7.1		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.340	24.329	0.011	3153632	0.02608	10		

8/09/07

0692

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SB12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-04A

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E5D6516F

% Moisture: 12 Decanted: (Y/N) N Date Received: 07/18/07

Extraction: (Type) SONC Date Extracted: 07/23/07

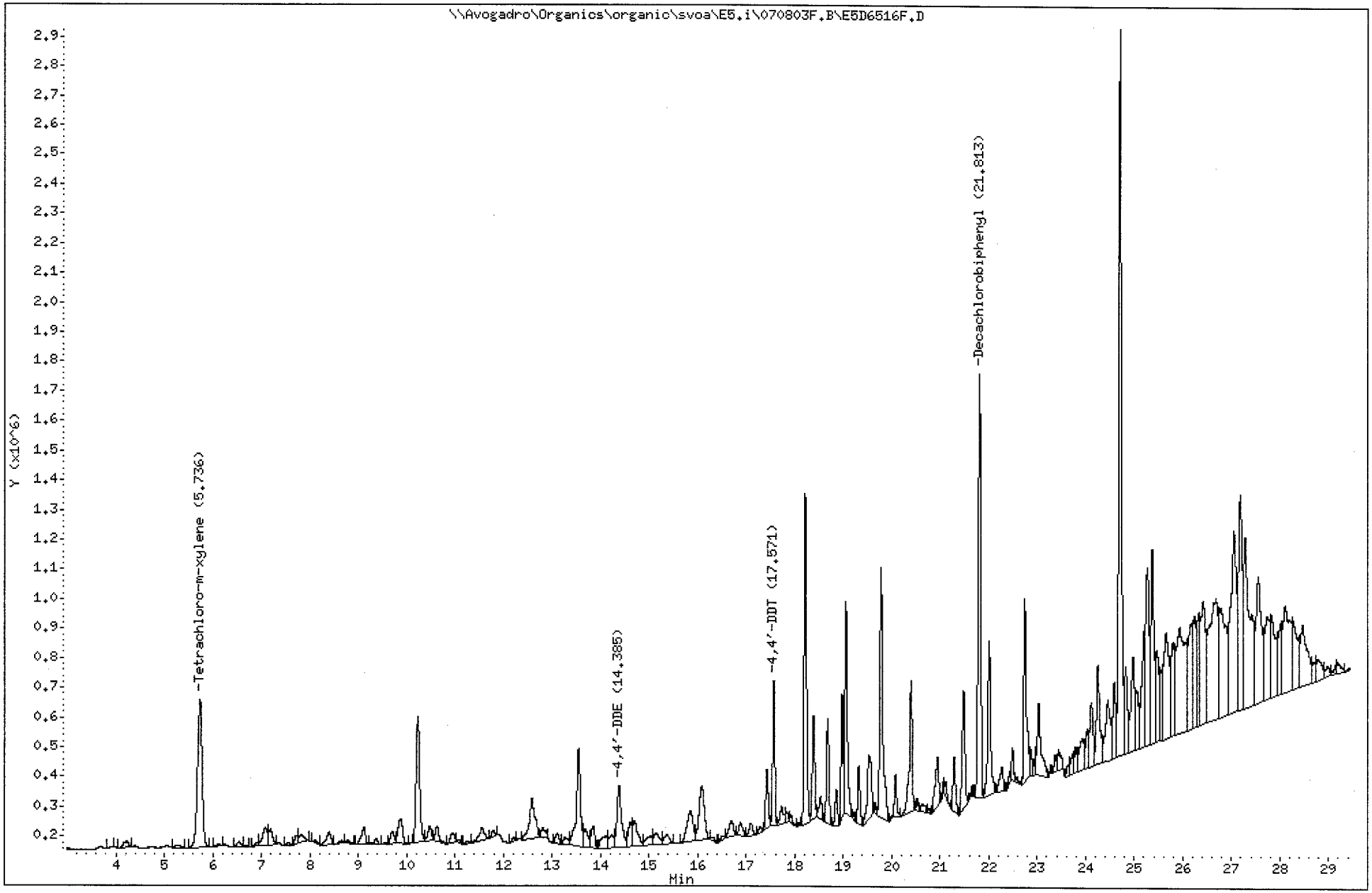
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

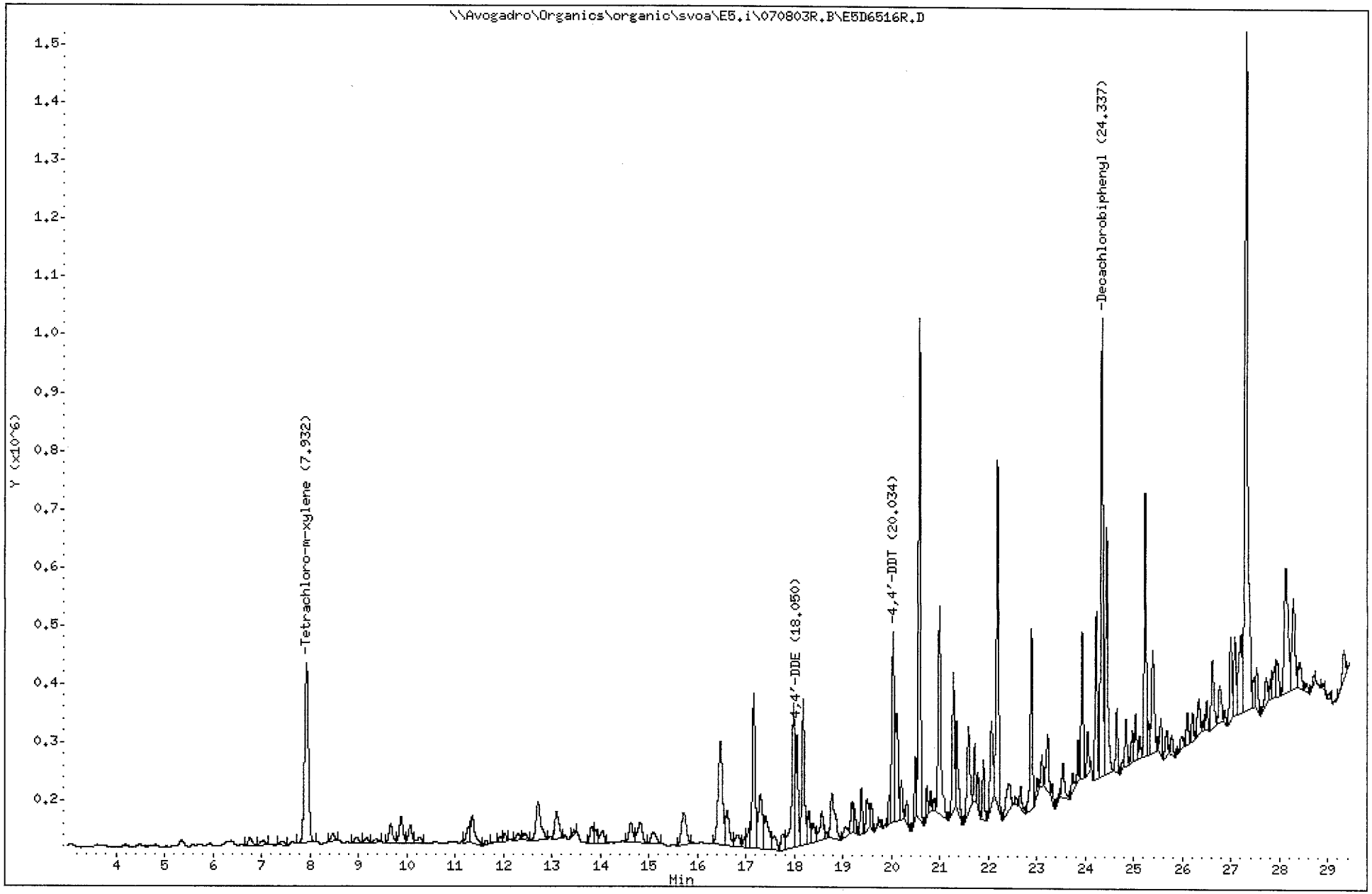
GPC Cleanup: (Y/N) Y pH: 7.6 Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	1.9	J
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	2.5	JP
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	76	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6516F.D
Date : 03-AUG-2007 22:35
Client ID: SB12
Instrument: E5.i
Sample Info: F0981-04A,,31308,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\070803R.B\E5D6516R.D
Date : 03-AUG-2007 22:35
Client ID: SB12
Instrument: E5.i
Sample Info: F0981-04A,,31308,olp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6516F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6516F.D
Lab Smp Id: F0981-04A Client Smp ID: SB12
Inj Date : 03-AUG-2007 22:35
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-04A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	12.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.736	5.711	0.025	3296005	0.01810	6.8			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.812	21.810	0.002	5304130	0.02181	8.2			
13 4,4'-DDE					CAS #: 72-55-9			
14.385	14.370	0.015	1376882	0.00560	2.1			(a)
18 4,4'-DDT					CAS #: 50-29-3			
17.571	17.561	0.010	1539962	0.00673	2.5			(a)

QC Flag Legend

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

Data File: E5D6516R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6516R.D
Lab Smp Id: F0981-04A Client Smp ID: SB12
Inj Date : 03-AUG-2007 22:35
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-04A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	12.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.931	7.903	0.028	1677344	0.01714	6.5			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.336	24.329	0.007	2421978	0.02003	7.6			
14 4,4'-DDE					CAS #: 72-55-9			
18.050	18.038	0.012	664335	0.00501	1.9			(a)
19 4,4'-DDT					CAS #: 50-29-3			
20.033	20.023	0.010	1191249	0.01015	3.8			

8/9/07

QC Flag Legend

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

1E

EPA SAMPLE NO.

PESTICIDE ORGANICS ANALYSIS DATA SHEET

SB12/D

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-05A

Sample wt/vol: 30.4 (g/mL) G Lab File ID: E5D6518F

% Moisture: 12 Decanted: (Y/N) N Date Received: 07/18/07

Extraction: (Type) SONC Date Extracted: 07/23/07

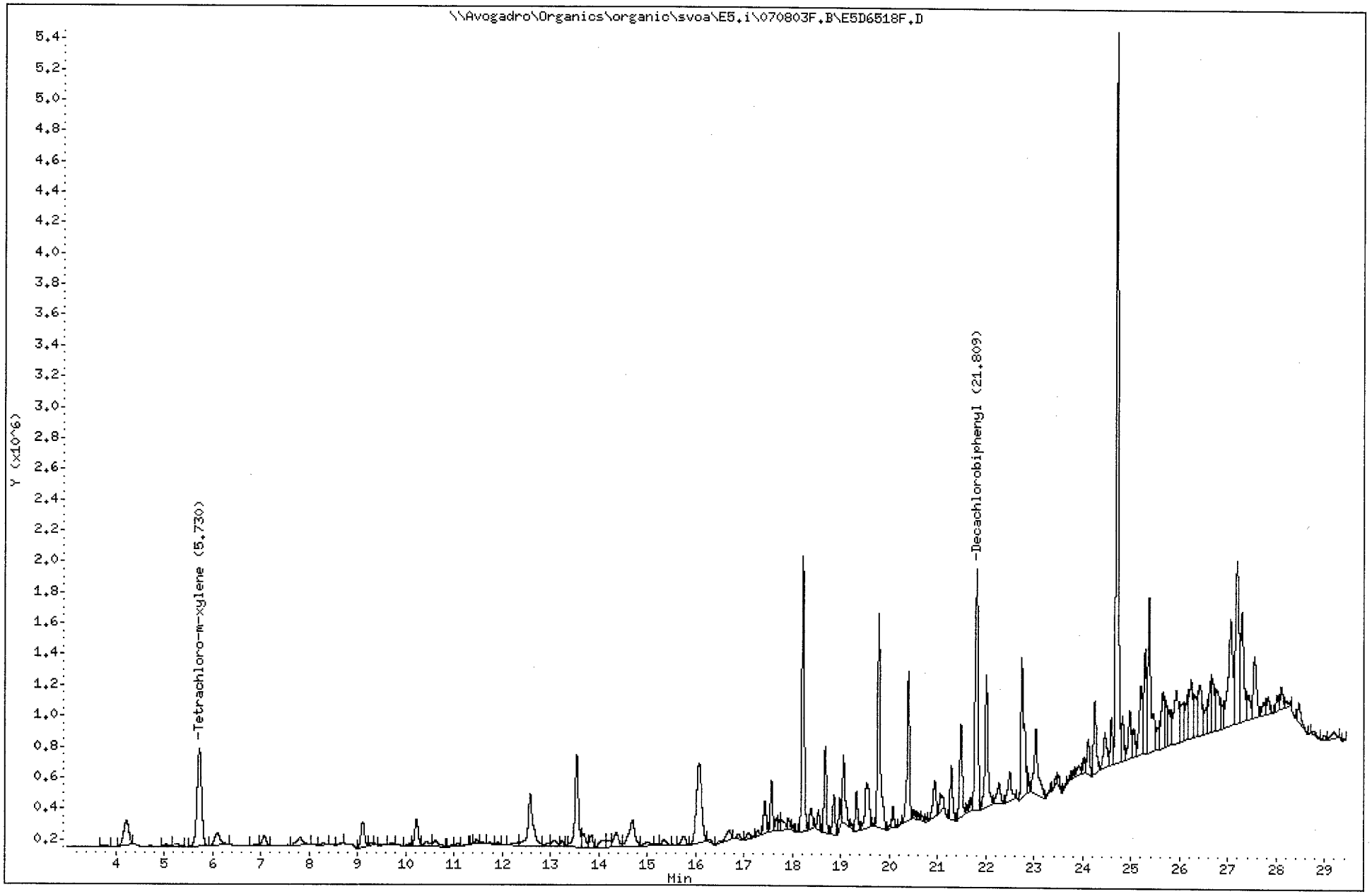
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.4 Sulfur Cleanup: (Y/N) Y

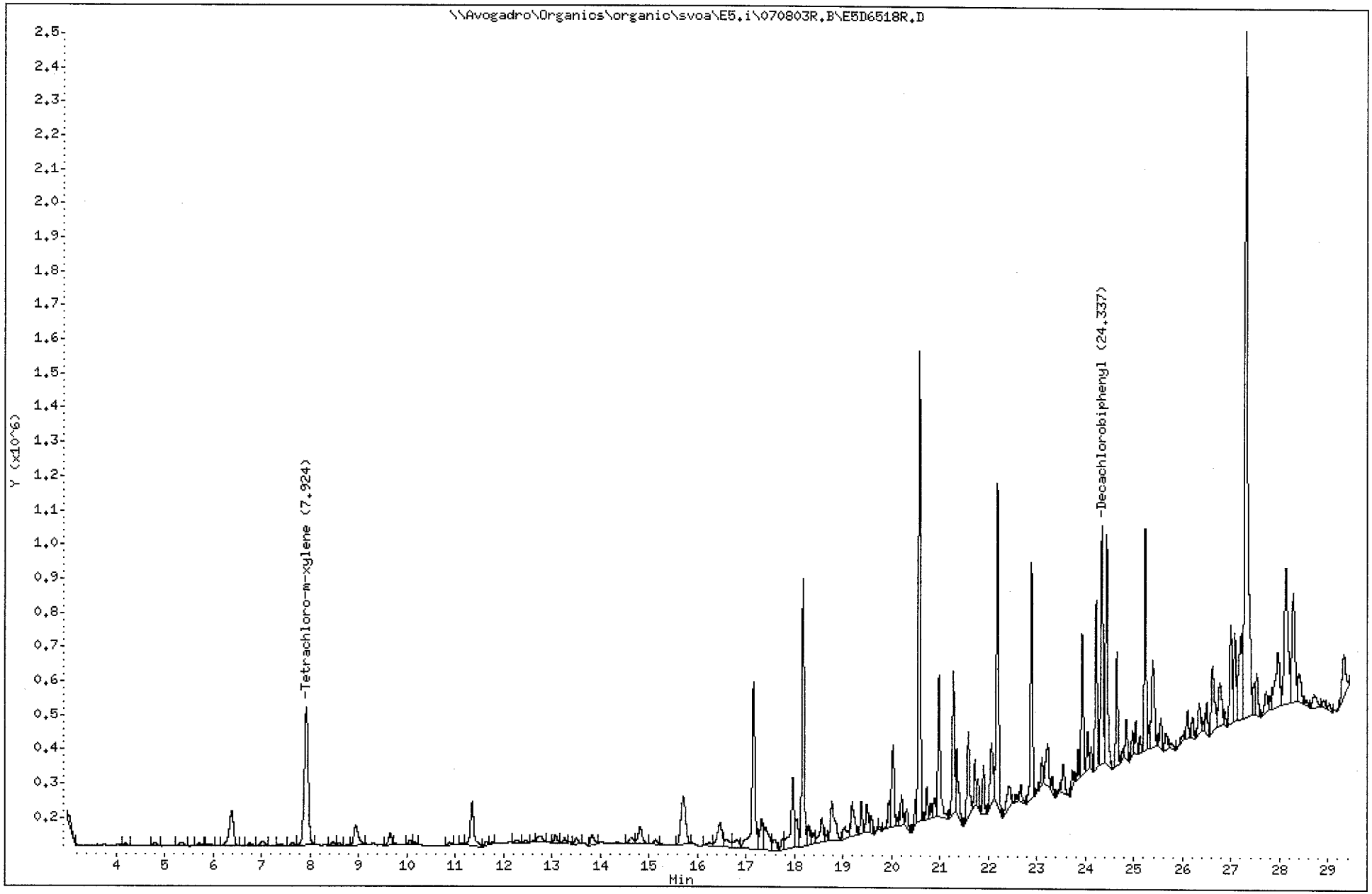
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4'-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4'-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4'-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	75	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	37	U
11096-82-5	Aroclor-1260	37	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6518F.D
Date : 03-AUG-2007 23:41
Client ID: SB12/D
Instrument: E5.i
Sample Info: F0981-05A,,31308,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



S68

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6518R.D
Date : 03-AUG-2007 23:41
Client ID: SB12/D
Instrument: E5.i
Sample Info: F0981-05A,,31308,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6518F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6518F.D
Lab Smp Id: F0981-05A Client Smp ID: SB12/D
Inj Date : 03-AUG-2007 23:41
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-05A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	12.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.730	5.711	0.019	4154416	0.02281	8.5		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.809	21.810	-0.001	6507972	0.02677	10		

8/09/07

Data File: E5D6518R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6518R.D
Lab Smp Id: F0981-05A Client Smp ID: SB12/D
Inj Date : 03-AUG-2007 23:41
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-05A,,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	12.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.924	7.903	0.021	2204204	0.02253	8.4		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.336	24.329	0.007	2102249	0.01739	6.5		

8/9/07

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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: 07/19/07 07/19/07

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	7.72	7.72	7.72	7.72	7.67	7.77
beta-BHC	9.20	9.20	9.19	9.20	9.15	9.25
delta-BHC	9.70	9.70	9.70	9.70	9.65	9.75
gamma-BHC (Lindane)	8.79	8.80	8.79	8.79	8.74	8.84
Heptachlor	10.30	10.30	10.29	10.30	10.25	10.35
Aldrin	11.17	11.17	11.17	11.17	11.12	11.22
Heptachlor epoxide	13.09	13.08	13.08	13.08	13.01	13.15
Endosulfan I	14.16	14.16	14.15	14.16	14.09	14.23
Dieldrin	14.99	14.99	14.98	14.99	14.92	15.06
4,4'-DDE	14.37	14.37	14.37	14.37	14.30	14.44
Endrin	15.97	15.96	15.96	15.96	15.89	16.03
Endosulfan II	16.96	16.95	16.94	16.95	16.88	17.02
4,4'-DDD	16.87	16.87	16.87	16.87	16.80	16.94
Endosulfan sulfate	18.98	18.98	18.97	18.98	18.91	19.05
4,4'-DDT	17.56	17.56	17.56	17.56	17.49	17.63
Methoxychlor	18.86	18.86	18.85	18.86	18.79	18.93
Endrin ketone	19.52	19.52	19.51	19.52	19.45	19.59
Endrin aldehyde	18.01	18.01	18.00	18.01	17.94	18.08
alpha-Chlordane	13.86	13.85	13.85	13.85	13.78	13.92
gamma-Chlordane	13.46	13.45	13.45	13.45	13.38	13.52
Tetrachloro-m-xylene	5.71	5.71	5.71	5.71	5.66	5.76
Decachlorobiphenyl	21.81	21.81	21.81	21.81	21.71	21.91

* 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.

6E

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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: 07/19/07 07/19/07

COMPOUND	RT OF STANDARDS LOW	MID	HIGH	MEAN RT	RT WINDOW FROM	TO
alpha-BHC	10.30	10.30	10.29	10.30	10.25	10.35
beta-BHC	11.96	11.95	11.95	11.95	11.90	12.00
delta-BHC	12.87	12.86	12.86	12.86	12.81	12.91
gamma-BHC (Lindane)	11.54	11.54	11.53	11.54	11.49	11.59
Heptachlor	12.88	12.88	12.87	12.88	12.83	12.93
Aldrin	13.83	13.83	13.83	13.83	13.78	13.88
Heptachlor epoxide	16.38	16.38	16.37	16.38	16.31	16.45
Endosulfan I	17.53	17.53	17.53	17.53	17.46	17.60
Dieldrin	18.21	18.20	18.20	18.20	18.13	18.27
4,4'-DDE	18.04	18.04	18.04	18.04	17.97	18.11
Endrin	18.89	18.89	18.88	18.89	18.82	18.96
Endosulfan II	19.40	19.40	19.40	19.40	19.33	19.47
4,4'-DDD	19.37	19.37	19.37	19.37	19.30	19.44
Endosulfan sulfate	20.77	20.77	20.76	20.77	20.70	20.84
4,4'-DDT	20.03	20.02	20.02	20.02	19.95	20.09
Methoxychlor	21.57	21.57	21.56	21.57	21.50	21.64
Endrin ketone	21.82	21.81	21.81	21.81	21.74	21.88
Endrin aldehyde	20.18	20.18	20.17	20.18	20.11	20.25
alpha-Chlordane	17.46	17.46	17.45	17.46	17.39	17.53
gamma-Chlordane	17.07	17.07	17.06	17.07	17.00	17.14
Tetrachloro-m-xylene	7.91	7.90	7.90	7.90	7.85	7.95
Decachlorobiphenyl	24.33	24.33	24.33	24.33	24.23	24.43

* 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.

0644

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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: 07/19/07 07/19/07

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	295964200	311801500	314514050	307426583	3.3
beta-BHC	115880000	114060900	103056538	110999146	6.3
delta-BHC	252948000	275738300	277787300	268824533	5.1
gamma-BHC (Lindane)	273782600	284845600	284164250	280930817	2.2
Heptachlor	288268800	293615800	288196675	290027092	1.1
Aldrin	254220000	267485600	263057125	261587575	2.6
Heptachlor epoxide	247954000	255935500	247411263	250433588	1.9
Endosulfan I	240554600	241476350	231839763	237956904	2.2
Dieldrin	245883200	260970450	257555806	254803152	3.1
4,4'-DDE	227039900	245802325	242603181	238481802	4.2
Endrin	187901200	198731925	198559944	195064356	3.2
Endosulfan II	222426900	231433800	222974975	225611892	2.2
4,4'-DDD	185834800	200168850	200903575	195635742	4.3
Endosulfan sulfate	187287100	205779200	204736431	199267577	5.2
4,4'-DDT	213938600	228851250	227855306	223548385	3.7
Methoxychlor	105106580	99033065	81495805	95211817	12.9
Endrin ketone	209133500	225593725	213374756	216033994	4.0
Endrin aldehyde	180479900	183445725	175784069	179903231	2.1
alpha-Chlordane	250631600	251647150	239916438	247398396	2.6
gamma-Chlordane	247310600	254949000	248685150	250314917	1.6
Tetrachloro-m-xylene	186993000	182098900	173206888	180766263	3.9
Decachlorobiphenyl	246697700	243141850	234471631	241437060	2.6

* 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.: MF0981

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: 07/19/07 07/19/07

COMPOUND	CALIBRATION FACTORS LOW	MID	HIGH	MEAN	%RSD
alpha-BHC	164363800	171848250	172269463	169493838	2.6
beta-BHC	65418000	63481500	57973575	62291025	6.2
delta-BHC	146496400	156459550	157702738	153552896	4.0
gamma-BHC (Lindane)	153744400	158198850	156905650	156282967	1.5
Heptachlor	161138600	159452950	154503600	158365050	2.2
Aldrin	140527000	143149850	138292063	140656304	1.7
Heptachlor epoxide	142260000	139453350	131287513	137666954	4.1
Endosulfan I	134180200	130722600	125528738	130143846	3.3
Dieldrin	137068400	142030725	140067494	139722206	1.8
4,4'-DDE	126118200	132731575	131379319	130076365	2.7
Endrin	104514400	107654600	106724844	106297948	1.5
Endosulfan II	124099700	123164225	119447169	122237031	2.0
4,4'-DDD	108279400	110611200	109659750	109516783	1.1
Endosulfan sulfate	106696900	115811650	116648844	113052465	4.9
4,4'-DDT	112844000	117342900	116774475	115653792	2.1
Methoxychlor	56925560	55475550	48525554	53642221	8.4
Endrin ketone	112032100	119277550	114685938	115331863	3.2
Endrin aldehyde	94240800	95680675	93195931	94372469	1.3
alpha-Chlordane	134255600	132989350	127036113	131427021	2.9
gamma-Chlordane	133409200	133696350	130770788	132625446	1.2
Tetrachloro-m-xylene	101002400	97835300	91994075	96943925	4.7
Decachlorobiphenyl	125812500	120921775	122382456	123038910	2.0

* Surrogate calibration factors are measured from Standard Mix A analyses.

6G

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: E5 Date(s) Analyzed: 07/19/07 07/19/07

GC Column: CLPPEST ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK1	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	1	17.13	17.06	17.20	8843374
		2	17.72	17.65	17.79	7996078
		3	18.69	18.62	18.76	9715770
		4				
		5				
Aroclor-1016	0.10	1	7.17	7.10	7.24	4099870
		2	8.38	8.31	8.45	5663240
		3	9.86	9.79	9.93	13376830
		4				
		5				
Aroclor-1221	0.20	1	3.91	3.84	3.98	1029225
		2	6.52	6.45	6.59	1706805
		3	7.17	7.10	7.24	4326290
		4				
		5				
Aroclor-1232	0.10	1	6.52	6.45	6.59	1171660
		2	9.01	8.94	9.08	1845470
		3	11.54	11.47	11.61	2373590
		4				
		5				
Aroclor-1242	0.10	1	9.86	9.79	9.93	10996930
		2	10.27	10.20	10.34	4801250
		3	10.45	10.38	10.52	2930750
		4				
		5				
Aroclor-1248	0.10	1	11.54	11.47	11.61	7663830
		2	12.53	12.46	12.60	3337520
		3	13.43	13.36	13.50	5930660
		4				
		5				
Aroclor-1254	0.10	1	14.60	14.53	14.67	10059900
		2	16.92	16.85	16.99	11188140
		3	17.44	17.37	17.51	13304150
		4				
		5				
Aroclor-1260	0.10	1	18.27	18.20	18.34	8317350
		2	18.97	18.90	19.04	22794180
		3	19.56	19.49	19.63	11297550
		4				
		5				

1 At least 3 peaks for each column are required for identification of multicomponent analytes.

0847

6G

PESTICIDE INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Instrument ID: E5 Date(s) Analyzed: 07/19/07 07/19/07

GC Column: CLPPESTII ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK1	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	0.50	1	19.59	19.52	19.66	5304800
		2	20.17	20.10	20.24	6364158
		3	21.20	21.13	21.27	6811492
		4				
		5				
Aroclor-1016	0.10	1	9.85	9.78	9.92	1769300
		2	12.69	12.62	12.76	7290800
		3	13.11	13.04	13.18	2764900
		4				
		5				
Aroclor-1221	0.20	1	6.29	6.22	6.36	652460
		2	9.15	9.08	9.22	968315
		3	9.86	9.79	9.93	2322940
		4				
		5				
Aroclor-1232	0.10	1	9.65	9.58	9.72	491400
		2	11.25	11.18	11.32	1396430
		3	17.28	17.21	17.35	1558450
		4				
		5				
Aroclor-1242	0.10	1	11.25	11.18	11.32	2677500
		2	13.11	13.04	13.18	2255210
		3	14.59	14.52	14.66	1948820
		4				
		5				
Aroclor-1248	0.10	1	15.05	14.98	15.12	3539130
		2	16.42	16.35	16.49	3888180
		3	16.59	16.52	16.66	4420800
		4				
		5				
Aroclor-1254	0.10	1	18.29	18.22	18.36	5595980
		2	18.82	18.75	18.89	7049090
		3	19.99	19.92	20.06	6622040
		4				
		5				
Aroclor-1260	0.10	1	20.80	20.73	20.87	4532700
		2	21.33	21.26	21.40	10900470
		3	22.06	21.99	22.13	8051200
		4				
		5				

1 At least 3 peaks for each column are required for identification of multicomponent analytes.

6H

PESTICIDE ANALYTE RESOLUTION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (RESC##): RESCT5 Lab Sample ID (1): RESCT5

Date Analyzed (1): 07/19/07 Time Analyzed (1): 1604

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.72	100.0
02	gamma-Chlordane	13.47	100.0
03	Endosulfan I	14.18	98.8
04	4,4'-DDE	14.38	100.0
05	Dieldrin	15.01	100.0
06	Methoxychlor	18.86	90.9
07	Endosulfan sulfate	18.98	100.0
08	Endrin ketone	19.52	100.0
09	Decachlorobiphenyl	21.82	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (RESC##): RESCT5 Lab Sample ID (2): RESCT5

Date Analyzed (2): 07/19/07 Time Analyzed (2): 1604

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.92	100.0
02	gamma-Chlordane	17.07	100.0
03	Endosulfan I	17.54	100.0
04	4,4'-DDE	18.04	100.0
05	Dieldrin	18.21	100.0
06	Endosulfan sulfate	20.77	100.0
07	Methoxychlor	21.57	100.0
08	Endrin ketone	21.82	100.0
09	Decachlorobiphenyl	24.34	

6I

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMT5 Lab Sample ID (1): PEMT5

Date Analyzed (1): 07/19/07 Time Analyzed (1): 1637

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.72	100.0
02	alpha-BHC	7.73	100.0
03	gamma-BHC (Lindane)	8.80	100.0
04	beta-BHC	9.21	100.0
05	Endrin	15.97	100.0
06	4,4'-DDT	17.57	100.0
07	Methoxychlor	18.86	100.0
08	Decachlorobiphenyl	21.81	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMT5 Lab Sample ID (2): PEMT5

Date Analyzed (2): 07/19/07 Time Analyzed (2): 1637

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.91	100.0
02	alpha-BHC	10.30	100.0
03	gamma-BHC (Lindane)	11.54	100.0
04	beta-BHC	11.96	100.0
05	Endrin	18.89	100.0
06	4,4'-DDT	20.03	100.0
07	Methoxychlor	21.57	100.0
08	Decachlorobiphenyl	24.33	

6I

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMTA Lab Sample ID (1): PEMTA

Date Analyzed (1): 07/20/07 Time Analyzed (1): 0053

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.71	100.0
02	alpha-BHC	7.72	100.0
03	gamma-BHC (Lindane)	8.79	100.0
04	beta-BHC	9.20	100.0
05	Endrin	15.96	100.0
06	4,4'-DDT	17.56	100.0
07	Methoxychlor	18.86	100.0
08	Decachlorobiphenyl	21.81	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMTA Lab Sample ID (2): PEMTA

Date Analyzed (2): 07/20/07 Time Analyzed (2): 0053

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.91	100.0
02	alpha-BHC	10.30	100.0
03	gamma-BHC (Lindane)	11.54	100.0
04	beta-BHC	11.95	100.0
05	Endrin	18.88	100.0
06	4,4'-DDT	20.02	100.0
07	Methoxychlor	21.57	100.0
08	Decachlorobiphenyl	24.33	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMTH Lab Sample ID (1): PEMTH

Date Analyzed (1): 07/26/07 Time Analyzed (1): 2204

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.72	100.0
02	alpha-BHC	7.73	100.0
03	gamma-BHC (Lindane)	8.80	100.0
04	beta-BHC	9.21	100.0
05	Endrin	15.97	100.0
06	4,4'-DDT	17.57	100.0
07	Methoxychlor	18.86	100.0
08	Decachlorobiphenyl	21.81	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMTH Lab Sample ID (2): PEMTH

Date Analyzed (2): 07/26/07 Time Analyzed (2): 2204

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.92	100.0
02	alpha-BHC	10.30	100.0
03	gamma-BHC (Lindane)	11.54	100.0
04	beta-BHC	11.96	100.0
05	Endrin	18.89	100.0
06	4,4'-DDT	20.03	100.0
07	Methoxychlor	21.57	100.0
08	Decachlorobiphenyl	24.33	

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMTJ Lab Sample ID (1): PEMTJ

Date Analyzed (1): 07/27/07 Time Analyzed (1): 1058

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.72	100.0
02	alpha-BHC	7.73	100.0
03	gamma-BHC (Lindane)	8.81	100.0
04	beta-BHC	9.20	100.0
05	Endrin	15.97	100.0
06	4,4'-DDT	17.57	100.0
07	Methoxychlor	18.86	100.0
08	Decachlorobiphenyl	21.81	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMTJ Lab Sample ID (2): PEMTJ

Date Analyzed (2): 07/27/07 Time Analyzed (2): 1058

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.92	100.0
02	alpha-BHC	10.30	100.0
03	gamma-BHC (Lindane)	11.55	100.0
04	beta-BHC	11.96	100.0
05	Endrin	18.89	100.0
06	4,4'-DDT	20.03	100.0
07	Methoxychlor	21.57	100.0
08	Decachlorobiphenyl	24.33	

6I
PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMUP Lab Sample ID (1): PEMUP

Date Analyzed (1): 08/03/07 Time Analyzed (1): 1346

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.73	100.0
02	alpha-BHC	7.74	100.0
03	gamma-BHC (Lindane)	8.82	100.0
04	beta-BHC	9.22	100.0
05	Endrin	16.00	100.0
06	4,4'-DDT	17.58	100.0
07	Methoxychlor	18.87	100.0
08	Decachlorobiphenyl	21.82	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMUP Lab Sample ID (2): PEMUP

Date Analyzed (2): 08/03/07 Time Analyzed (2): 1346

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.93	100.0
02	alpha-BHC	10.32	100.0
03	gamma-BHC (Lindane)	11.56	100.0
04	beta-BHC	11.97	100.0
05	Endrin	18.90	100.0
06	4,4'-DDT	20.04	100.0
07	Methoxychlor	21.58	100.0
08	Decachlorobiphenyl	24.34	

6I

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMUR Lab Sample ID (1): PEMUR

Date Analyzed (1): 08/04/07 Time Analyzed (1): 0333

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.74	100.0
02	alpha-BHC	7.74	100.0
03	gamma-BHC (Lindane)	8.82	100.0
04	beta-BHC	9.22	100.0
05	Endrin	16.00	100.0
06	4,4'-DDT	17.57	100.0
07	Methoxychlor	18.87	100.0
08	Decachlorobiphenyl	21.82	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMUR Lab Sample ID (2): PEMUR

Date Analyzed (2): 08/04/07 Time Analyzed (2): 0333

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.93	100.0
02	alpha-BHC	10.32	100.0
03	gamma-BHC (Lindane)	11.56	100.0
04	beta-BHC	11.97	100.0
05	Endrin	18.90	100.0
06	4,4'-DDT	20.04	100.0
07	Methoxychlor	21.58	100.0
08	Decachlorobiphenyl	24.34	

6I

PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (PEM##): PEMUT Lab Sample ID (1): PEMUT

Date Analyzed (1): 08/04/07 Time Analyzed (1): 1754

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.73	100.0
02	alpha-BHC	7.73	100.0
03	gamma-BHC (Lindane)	8.82	100.0
04	beta-BHC	9.22	100.0
05	Endrin	16.01	100.0
06	4,4'-DDT	17.58	100.0
07	Methoxychlor	18.87	100.0
08	Decachlorobiphenyl	21.82	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (PEM##): PEMUT Lab Sample ID (2): PEMUT

Date Analyzed (2): 08/04/07 Time Analyzed (2): 1754

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.92	100.0
02	alpha-BHC	10.32	100.0
03	gamma-BHC (Lindane)	11.56	100.0
04	beta-BHC	11.98	100.0
05	Endrin	18.90	100.0
06	4,4'-DDT	20.04	100.0
07	Methoxychlor	21.58	100.0
08	Decachlorobiphenyl	24.34	

6J

INDIVIDUAL STANDARD MIXTURE A

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (INDAM##): INDAMT5 Lab Sample ID (1): INDAMT5

Date Analyzed (1): 07/19/07 Time Analyzed (1): 2208

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.71	100.0
02	alpha-BHC	7.72	100.0
03	gamma-BHC (Lindane)	8.80	100.0
04	Heptachlor	10.30	100.0
05	Endosulfan I	14.16	100.0
06	Dieldrin	14.99	100.0
07	Endrin	15.97	100.0
08	4,4'-DDD	16.87	100.0
09	4,4'-DDT	17.56	100.0
10	Methoxychlor	18.86	100.0
11	Decachlorobiphenyl	21.81	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (INDAM##): INDAMT5 Lab Sample ID (2): INDAMT5

Date Analyzed (2): 07/19/07 Time Analyzed (2): 2208

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.90	100.0
02	alpha-BHC	10.30	100.0
03	gamma-BHC (Lindane)	11.54	100.0
04	Heptachlor	12.88	100.0
05	Endosulfan I	17.53	100.0
06	Dieldrin	18.21	100.0
07	Endrin	18.89	100.0
08	4,4'-DDD	19.37	100.0
09	4,4'-DDT	20.02	100.0
10	Methoxychlor	21.57	100.0
11	Decachlorobiphenyl	24.33	

6K
INDIVIDUAL STANDARD MIXTURE B

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column (1): CLPPEST ID: 0.53 (mm) Instrument ID (1): E5

EPA Sample No. (INDBM##): INDBMT5 Lab Sample ID (1): INDBMT5

Date Analyzed (1): 07/19/07 Time Analyzed (1): 2241

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	5.71	100.0
02	beta-BHC	9.20	100.0
03	delta-BHC	9.70	100.0
04	Aldrin	11.17	100.0
05	Heptachlor epoxide	13.08	100.0
06	gamma-Chlordane	13.45	100.0
07	alpha-Chlordane	13.85	100.0
08	4,4'-DDE	14.37	100.0
09	Endosulfan II	16.95	100.0
10	Endrin aldehyde	18.01	100.0
11	Endosulfan sulfate	18.98	100.0
12	Endrin ketone	19.52	100.0
13	Decachlorobiphenyl	21.81	

GC Column (2): CLPPESTII ID: 0.53 (mm) Instrument ID (2): E5

EPA Sample No. (INDBM##): INDBMT5 Lab Sample ID (2): INDBMT5

Date Analyzed (2): 07/19/07 Time Analyzed (2): 2241

	ANALYTE	RT	RESOLUTION (%)
01	Tetrachloro-m-xylene	7.91	100.0
02	beta-BHC	11.95	100.0
03	delta-BHC	12.86	100.0
04	Aldrin	13.83	100.0
05	Heptachlor epoxide	16.38	100.0
06	gamma-Chlordane	17.07	100.0
07	alpha-Chlordane	17.45	100.0
08	4,4'-DDE	18.04	100.0
09	Endosulfan II	19.40	100.0
10	Endrin aldehyde	20.18	100.0
11	Endosulfan sulfate	20.77	100.0
12	Endrin ketone	21.81	100.0
13	Decachlorobiphenyl	24.33	

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): _____ Date Analyzed : _____

Lab Sample ID (PIBLK) : _____ Time Analyzed : _____

EPA Sample No.(PEM##) : PEMT5 Date Analyzed : 07/19/07

Lab Sample ID (PEM) : PEMT5 Time Analyzed : 1637

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.73	7.67	7.77	0.009	0.010	-13.0
beta-BHC	9.21	9.15	9.25	0.009	0.010	-15.0
gamma-BHC (Lindane)	8.80	8.74	8.84	0.008	0.010	-16.0
Endrin	15.97	15.89	16.03	0.048	0.050	-4.0
4,4'-DDT	17.57	17.49	17.63	0.088	0.100	-12.0
Methoxychlor	18.86	18.79	18.93	0.216	0.250	-13.6

4,4'-DDT % Breakdown (1): 0.64 Endrin % Breakdown (1): 15.31

Combined % Breakdown (1): 15.95

0859

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): _____ Date Analyzed : _____

Lab Sample ID (PIBLK) : _____ Time Analyzed : _____

EPA Sample No.(PEM##) : PEMT5 Date Analyzed : 07/19/07

Lab Sample ID (PEM) : PEMT5 Time Analyzed : 1637

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.30	10.25	10.35	0.009	0.010	-13.0
beta-BHC	11.96	11.90	12.00	0.009	0.010	-10.0
gamma-BHC (Lindane)	11.54	11.49	11.59	0.008	0.010	-16.0
Endrin	18.89	18.82	18.96	0.047	0.050	-6.0
4,4'-DDT	20.03	19.95	20.09	0.088	0.100	-12.0
Methoxychlor	21.57	21.50	21.64	0.219	0.250	-12.4

4,4'-DDT % Breakdown (1): 0.74 Endrin % Breakdown (1): 17.12

Combined % Breakdown (1): 17.86

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKTA Date Analyzed : 07/20/07

Lab Sample ID (PIBLK) : PIBLKTA Time Analyzed : 0020

EPA Sample No.(PEM##) : PEMTA Date Analyzed : 07/20/07

Lab Sample ID (PEM) : PEMTA Time Analyzed : 0053

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.72	7.67	7.77	0.009	0.010	-8.0
beta-BHC	9.20	9.15	9.25	0.009	0.010	-10.0
gamma-BHC (Lindane)	8.79	8.74	8.84	0.009	0.010	-12.0
Endrin	15.96	15.89	16.03	0.052	0.050	4.0
4,4'-DDT	17.56	17.49	17.63	0.091	0.100	-9.0
Methoxychlor	18.86	18.79	18.93	0.224	0.250	-10.4

4,4'-DDT % Breakdown (1): 0.42 Endrin % Breakdown (1): 13.43

Combined % Breakdown (1): 13.85

0861

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKTA Date Analyzed : 07/20/07

Lab Sample ID (PIBLK) : PIBLKTA Time Analyzed : 0020

EPA Sample No.(PEM##) : PEMTA Date Analyzed : 07/20/07

Lab Sample ID (PEM) : PEMTA Time Analyzed : 0053

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.30	10.25	10.35	0.009	0.010	-8.0
beta-BHC	11.95	11.90	12.00	0.009	0.010	-7.0
gamma-BHC (Lindane)	11.54	11.49	11.59	0.009	0.010	-12.0
Endrin	18.88	18.82	18.96	0.050	0.050	0.0
4,4'-DDT	20.02	19.95	20.09	0.091	0.100	-9.0
Methoxychlor	21.57	21.50	21.64	0.226	0.250	-9.6

4,4'-DDT % Breakdown (1): 0.46 Endrin % Breakdown (1): 15.34

Combined % Breakdown (1): 15.80

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKTH Date Analyzed : 07/26/07

Lab Sample ID (PIBLK) : PIBLKTH Time Analyzed : 2131

EPA Sample No.(PEM##) : PEMTH Date Analyzed : 07/26/07

Lab Sample ID (PEM) : PEMTH Time Analyzed : 2204

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.73	7.67	7.77	0.009	0.010	-12.0
beta-BHC	9.21	9.15	9.25	0.009	0.010	-14.0
gamma-BHC (Lindane)	8.80	8.74	8.84	0.009	0.010	-15.0
Endrin	15.97	15.89	16.03	0.053	0.050	6.0
4,4'-DDT	17.57	17.49	17.63	0.088	0.100	-12.0
Methoxychlor	18.86	18.79	18.93	0.216	0.250	-13.6

4,4'-DDT % Breakdown (1): 0.40 Endrin % Breakdown (1): 5.78

Combined % Breakdown (1): 6.18

0663

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKTH Date Analyzed : 07/26/07

Lab Sample ID (PIBLK) : PIBLKTH Time Analyzed : 2131

EPA Sample No.(PEM##) : PEMTH Date Analyzed : 07/26/07

Lab Sample ID (PEM) : PEMTH Time Analyzed : 2204

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.30	10.25	10.35	0.009	0.010	-14.0
beta-BHC	11.96	11.90	12.00	0.009	0.010	-13.0
gamma-BHC (Lindane)	11.54	11.49	11.59	0.008	0.010	-17.0
Endrin	18.89	18.82	18.96	0.051	0.050	2.0
4,4'-DDT	20.03	19.95	20.09	0.085	0.100	-15.0
Methoxychlor	21.57	21.50	21.64	0.209	0.250	-16.4

4,4'-DDT % Breakdown (1): 0.51 Endrin % Breakdown (1): 5.41

Combined % Breakdown (1): 5.93

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKTJ Date Analyzed : 07/27/07

Lab Sample ID (PIBLK) : PIBLKTJ Time Analyzed : 1025

EPA Sample No.(PEM##) : PEMTJ Date Analyzed : 07/27/07

Lab Sample ID (PEM) : PEMTJ Time Analyzed : 1058

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.73	7.67	7.77	0.009	0.010	-9.0
beta-BHC	9.20	9.15	9.25	0.009	0.010	-9.0
gamma-BHC (Lindane)	8.81	8.74	8.84	0.009	0.010	-13.0
Endrin	15.97	15.89	16.03	0.056	0.050	12.0
4,4'-DDT	17.57	17.49	17.63	0.091	0.100	-9.0
Methoxychlor	18.86	18.79	18.93	0.224	0.250	-10.4

4,4'-DDT % Breakdown (1): 0.34 Endrin % Breakdown (1): 5.15

Combined % Breakdown (1): 5.49

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKTJ Date Analyzed : 07/27/07

Lab Sample ID (PIBLK) : PIBLKTJ Time Analyzed : 1025

EPA Sample No.(PEM##) : PEMTJ Date Analyzed : 07/27/07

Lab Sample ID (PEM) : PEMTJ Time Analyzed : 1058

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.30	10.25	10.35	0.009	0.010	-12.0
beta-BHC	11.96	11.90	12.00	0.009	0.010	-9.0
gamma-BHC (Lindane)	11.55	11.49	11.59	0.009	0.010	-15.0
Endrin	18.89	18.82	18.96	0.053	0.050	6.0
4,4'-DDT	20.03	19.95	20.09	0.088	0.100	-12.0
Methoxychlor	21.57	21.50	21.64	0.217	0.250	-13.2

4,4'-DDT % Breakdown (1): 0.49 Endrin % Breakdown (1): 4.70

Combined % Breakdown (1): 5.19

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUP Date Analyzed : 08/03/07

Lab Sample ID (PIBLK) : PIBLKUP Time Analyzed : 1313

EPA Sample No.(PEM##) : PEMUP Date Analyzed : 08/03/07

Lab Sample ID (PEM) : PEMUP Time Analyzed : 1346

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.74	7.67	7.77	0.009	0.010	-15.0
beta-BHC	9.22	9.15	9.25	0.009	0.010	-15.0
gamma-BHC (Lindane)	8.82	8.74	8.84	0.008	0.010	-18.0
Endrin	16.00	15.89	16.03	0.050	0.050	0.0
4,4'-DDT	17.58	17.49	17.63	0.083	0.100	-17.0
Methoxychlor	18.87	18.79	18.93	0.204	0.250	-18.4

4,4'-DDT % Breakdown (1): 1.12 Endrin % Breakdown (1): 6.26

Combined % Breakdown (1): 7.38

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUP Date Analyzed : 08/03/07

Lab Sample ID (PIBLK) : PIBLKUP Time Analyzed : 1313

EPA Sample No.(PEM##) : PEMUP Date Analyzed : 08/03/07

Lab Sample ID (PEM) : PEMUP Time Analyzed : 1346

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.32	10.25	10.35	0.008	0.010	-18.0
beta-BHC	11.97	11.90	12.00	0.008	0.010	-16.0
gamma-BHC (Lindane)	11.56	11.49	11.59	0.008	0.010	-21.0
Endrin	18.90	18.82	18.96	0.048	0.050	-4.0
4,4'-DDT	20.04	19.95	20.09	0.079	0.100	-21.0
Methoxychlor	21.58	21.50	21.64	0.195	0.250	-22.0

4,4'-DDT % Breakdown (1): 1.21 Endrin % Breakdown (1): 6.62

Combined % Breakdown (1): 7.82

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUR Date Analyzed : 08/04/07

Lab Sample ID (PIBLK) : PIBLKUR Time Analyzed : 0300

EPA Sample No.(PEM##) : PEMUR Date Analyzed : 08/04/07

Lab Sample ID (PEM) : PEMUR Time Analyzed : 0333

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.74	7.67	7.77	0.009	0.010	-12.0
beta-BHC	9.22	9.15	9.25	0.009	0.010	-11.0
gamma-BHC (Lindane)	8.82	8.74	8.84	0.008	0.010	-16.0
Endrin	16.00	15.89	16.03	0.054	0.050	8.0
4,4'-DDT	17.57	17.49	17.63	0.087	0.100	-13.0
Methoxychlor	18.87	18.79	18.93	0.217	0.250	-13.2

4,4'-DDT % Breakdown (1): 0.61 Endrin % Breakdown (1): 3.66

Combined % Breakdown (1): 4.26

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUR Date Analyzed : 08/04/07

Lab Sample ID (PIBLK) : PIBLKUR Time Analyzed : 0300

EPA Sample No.(PEM##) : PEMUR Date Analyzed : 08/04/07

Lab Sample ID (PEM) : PEMUR Time Analyzed : 0333

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.32	10.25	10.35	0.009	0.010	-15.0
beta-BHC	11.97	11.90	12.00	0.009	0.010	-13.0
gamma-BHC (Lindane)	11.56	11.49	11.59	0.008	0.010	-18.0
Endrin	18.90	18.82	18.96	0.051	0.050	2.0
4,4'-DDT	20.04	19.95	20.09	0.082	0.100	-18.0
Methoxychlor	21.58	21.50	21.64	0.203	0.250	-18.8

4,4'-DDT % Breakdown (1): 0.67 Endrin % Breakdown (1): 3.56

Combined % Breakdown (1): 4.23

7E
PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUT Date Analyzed : 08/04/07

Lab Sample ID (PIBLK) : PIBLKUT Time Analyzed : 1721

EPA Sample No.(PEM##) : PEMUT Date Analyzed : 08/04/07

Lab Sample ID (PEM) : PEMUT Time Analyzed : 1754

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.73	7.67	7.77	0.009	0.010	-13.0
beta-BHC	9.22	9.15	9.25	0.009	0.010	-12.0
gamma-BHC (Lindane)	8.82	8.74	8.84	0.008	0.010	-16.0
Endrin	16.01	15.89	16.03	0.052	0.050	4.0
4,4'-DDT	17.58	17.49	17.63	0.084	0.100	-16.0
Methoxychlor	18.87	18.79	18.93	0.208	0.250	-16.8

4,4'-DDT % Breakdown (1): 1.34 Endrin % Breakdown (1): 5.44

Combined % Breakdown (1): 6.78

0871

7E

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUT Date Analyzed : 08/04/07

Lab Sample ID (PIBLK) : PIBLKUT Time Analyzed : 1721

EPA Sample No.(PEM##) : PEMUT Date Analyzed : 08/04/07

Lab Sample ID (PEM) : PEMUT Time Analyzed : 1754

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.32	10.25	10.35	0.008	0.010	-16.0
beta-BHC	11.98	11.90	12.00	0.009	0.010	-14.0
gamma-BHC (Lindane)	11.56	11.49	11.59	0.008	0.010	-19.0
Endrin	18.90	18.82	18.96	0.049	0.050	-2.0
4,4'-DDT	20.04	19.95	20.09	0.080	0.100	-20.0
Methoxychlor	21.58	21.50	21.64	0.197	0.250	-21.2

4,4'-DDT % Breakdown (1): 1.37 Endrin % Breakdown (1): 5.21

Combined % Breakdown (1): 6.59

7F

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKTI Date Analyzed : 07/27/07

Lab Sample ID (PIBLK) : PIBLKTI Time Analyzed : 0123

EPA Sample No.(INDAM##) : INDAMTI Date Analyzed : 07/27/07

Lab Sample ID (INDAM) : INDAMTI Time Analyzed : 0156

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.72	7.67	7.77	0.018	0.020	-10.0
gamma-BHC (Lindane)	8.80	8.74	8.84	0.018	0.020	-10.0
Heptachlor	10.30	10.25	10.35	0.018	0.020	-10.0
Endosulfan I	14.16	14.09	14.23	0.018	0.020	-10.0
Dieldrin	14.99	14.92	15.06	0.035	0.040	-12.5
Endrin	15.97	15.89	16.03	0.039	0.040	-2.5
4,4'-DDD	16.87	16.80	16.94	0.037	0.040	-7.5
4,4'-DDT	17.57	17.49	17.63	0.036	0.040	-10.0
Methoxychlor	18.86	18.79	18.93	0.183	0.200	-8.5
Tetrachloro-m-xylene	5.72	5.66	5.76	0.018	0.020	-10.0
Decachlorobiphenyl	21.81	21.71	21.91	0.036	0.040	-10.0

EPA Sample No.(INDBM##) : INDBMTI Date Analyzed : 07/27/07

Lab Sample ID (INDBM) : INDBMTI Time Analyzed : 0229

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.20	9.15	9.25	0.018	0.020	-10.0
delta-BHC	9.70	9.65	9.75	0.018	0.020	-10.0
Aldrin	11.17	11.12	11.22	0.018	0.020	-10.0
Heptachlor epoxide	13.09	13.01	13.15	0.018	0.020	-10.0
4,4'-DDE	14.37	14.30	14.44	0.036	0.040	-10.0
Endosulfan II	16.95	16.88	17.02	0.036	0.040	-10.0
Endosulfan sulfate	18.98	18.91	19.05	0.038	0.040	-5.0
Endrin ketone	19.52	19.45	19.59	0.038	0.040	-5.0
Endrin aldehyde	18.01	17.94	18.08	0.035	0.040	-12.5
alpha-Chlordane	13.86	13.78	13.92	0.018	0.020	-10.0
gamma-Chlordane	13.46	13.38	13.52	0.018	0.020	-10.0
Tetrachloro-m-xylene	5.72	5.66	5.76	0.018	0.020	-10.0
Decachlorobiphenyl	21.81	21.71	21.91	0.035	0.040	-12.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKTI Date Analyzed : 07/27/07

Lab Sample ID (PIBLK) : PIBLKTI Time Analyzed : 0123

EPA Sample No.(INDAM##) : INDAMTI Date Analyzed : 07/27/07

Lab Sample ID (INDAM) : INDAMTI Time Analyzed : 0156

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.30	10.25	10.35	0.017	0.020	-15.0
gamma-BHC (Lindane)	11.54	11.49	11.59	0.017	0.020	-15.0
Heptachlor	12.88	12.83	12.93	0.017	0.020	-15.0
Endosulfan I	17.54	17.46	17.60	0.017	0.020	-15.0
Dieldrin	18.21	18.13	18.27	0.034	0.040	-15.0
Endrin	18.89	18.82	18.96	0.038	0.040	-5.0
4,4'-DDD	19.37	19.30	19.44	0.034	0.040	-15.0
4,4'-DDT	20.03	19.95	20.09	0.035	0.040	-12.5
Methoxychlor	21.57	21.50	21.64	0.175	0.200	-12.5
Tetrachloro-m-xylene	7.91	7.85	7.95	0.018	0.020	-10.0
Decachlorobiphenyl	24.33	24.23	24.43	0.034	0.040	-15.0

EPA Sample No.(INDBM##) : INDBMTI Date Analyzed : 07/27/07

Lab Sample ID (INDBM) : INDBMTI Time Analyzed : 0229

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	11.96	11.90	12.00	0.018	0.020	-10.0
delta-BHC	12.87	12.81	12.91	0.018	0.020	-10.0
Aldrin	13.83	13.78	13.88	0.017	0.020	-15.0
Heptachlor epoxide	16.38	16.31	16.45	0.017	0.020	-15.0
4,4'-DDE	18.04	17.97	18.11	0.034	0.040	-15.0
Endosulfan II	19.40	19.33	19.47	0.034	0.040	-15.0
Endosulfan sulfate	20.77	20.70	20.84	0.036	0.040	-10.0
Endrin ketone	21.82	21.74	21.88	0.037	0.040	-7.5
Endrin aldehyde	20.18	20.11	20.25	0.034	0.040	-15.0
alpha-Chlordane	17.46	17.39	17.53	0.017	0.020	-15.0
gamma-Chlordane	17.07	17.00	17.14	0.018	0.020	-10.0
Tetrachloro-m-xylene	7.91	7.85	7.95	0.017	0.020	-15.0
Decachlorobiphenyl	24.33	24.23	24.43	0.034	0.040	-15.0

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUQ Date Analyzed : 08/03/07

Lab Sample ID (PIBLK) : PIBLKUQ Time Analyzed : 1950

EPA Sample No.(INDAM##) : INDAMUQ Date Analyzed : 08/03/07

Lab Sample ID (INDAM) : INDAMUQ Time Analyzed : 2023

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.74	7.67	7.77	0.018	0.020	-10.0
gamma-BHC (Lindane)	8.81	8.74	8.84	0.018	0.020	-10.0
Heptachlor	10.32	10.25	10.35	0.018	0.020	-10.0
Endosulfan I	14.18	14.09	14.23	0.018	0.020	-10.0
Dieldrin	15.01	14.92	15.06	0.036	0.040	-10.0
Endrin	16.00	15.89	16.03	0.040	0.040	0.0
4,4'-DDD	16.89	16.80	16.94	0.037	0.040	-7.5
4,4'-DDT	17.58	17.49	17.63	0.036	0.040	-10.0
Methoxychlor	18.87	18.79	18.93	0.181	0.200	-9.5
Tetrachloro-m-xylene	5.74	5.66	5.76	0.018	0.020	-10.0
Decachlorobiphenyl	21.82	21.71	21.91	0.035	0.040	-12.5

EPA Sample No.(INDBM##) : INDBMUQ Date Analyzed : 08/03/07

Lab Sample ID (INDBM) : INDBMUQ Time Analyzed : 2056

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.22	9.15	9.25	0.023	0.020	15.0
delta-BHC	9.72	9.65	9.75	0.024	0.020	20.0
Aldrin	11.19	11.12	11.22	0.018	0.020	-10.0
Heptachlor epoxide	13.10	13.01	13.15	0.018	0.020	-10.0
4,4'-DDE	14.39	14.30	14.44	0.036	0.040	-10.0
Endosulfan II	16.97	16.88	17.02	0.037	0.040	-7.5
Endosulfan sulfate	18.99	18.91	19.05	0.039	0.040	-2.5
Endrin ketone	19.53	19.45	19.59	0.038	0.040	-5.0
Endrin aldehyde	18.02	17.94	18.08	0.036	0.040	-10.0
alpha-Chlordane	13.87	13.78	13.92	0.018	0.020	-10.0
gamma-Chlordane	13.48	13.38	13.52	0.018	0.020	-10.0
Tetrachloro-m-xylene	5.73	5.66	5.76	0.023	0.020	15.0
Decachlorobiphenyl	21.82	21.71	21.91	0.036	0.040	-10.0

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUQ Date Analyzed : 08/03/07

Lab Sample ID (PIBLK) : PIBLKUQ Time Analyzed : 1950

EPA Sample No.(INDAM##) : INDAMUQ Date Analyzed : 08/03/07

Lab Sample ID (INDAM) : INDAMUQ Time Analyzed : 2023

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.32	10.25	10.35	0.018	0.020	-10.0
gamma-BHC (Lindane)	11.56	11.49	11.59	0.018	0.020	-10.0
Heptachlor	12.90	12.83	12.93	0.017	0.020	-15.0
Endosulfan I	17.55	17.46	17.60	0.017	0.020	-15.0
Dieldrin	18.22	18.13	18.27	0.035	0.040	-12.5
Endrin	18.90	18.82	18.96	0.039	0.040	-2.5
4,4'-DDD	19.38	19.30	19.44	0.035	0.040	-12.5
4,4'-DDT	20.04	19.95	20.09	0.035	0.040	-12.5
Methoxychlor	21.58	21.50	21.64	0.173	0.200	-13.5
Tetrachloro-m-xylene	7.93	7.85	7.95	0.018	0.020	-10.0
Decachlorobiphenyl	24.34	24.23	24.43	0.034	0.040	-15.0

EPA Sample No.(INDBM##) : INDBMUQ Date Analyzed : 08/03/07

Lab Sample ID (INDBM) : INDBMUQ Time Analyzed : 2056

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	11.98	11.90	12.00	0.018	0.020	-10.0
delta-BHC	12.89	12.81	12.91	0.018	0.020	-10.0
Aldrin	13.85	13.78	13.88	0.018	0.020	-10.0
Heptachlor epoxide	16.41	16.31	16.45	0.018	0.020	-10.0
4,4'-DDE	18.06	17.97	18.11	0.035	0.040	-12.5
Endosulfan II	19.42	19.33	19.47	0.035	0.040	-12.5
Endosulfan sulfate	20.78	20.70	20.84	0.037	0.040	-7.5
Endrin ketone	21.83	21.74	21.88	0.037	0.040	-7.5
Endrin aldehyde	20.19	20.11	20.25	0.035	0.040	-12.5
alpha-Chlordane	17.47	17.39	17.53	0.018	0.020	-10.0
gamma-Chlordane	17.09	17.00	17.14	0.018	0.020	-10.0
Tetrachloro-m-xylene	7.93	7.85	7.95	0.018	0.020	-10.0
Decachlorobiphenyl	24.34	24.23	24.43	0.035	0.040	-12.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUS Date Analyzed : 08/04/07

Lab Sample ID (PIBLK) : PIBLKUS Time Analyzed : 1308

EPA Sample No.(INDAM##) : INDAMUS Date Analyzed : 08/04/07

Lab Sample ID (INDAM) : INDAMUS Time Analyzed : 1341

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	7.74	7.67	7.77	0.018	0.020	-10.0
gamma-BHC (Lindane)	8.81	8.74	8.84	0.018	0.020	-10.0
Heptachlor	10.32	10.25	10.35	0.018	0.020	-10.0
Endosulfan I	14.18	14.09	14.23	0.018	0.020	-10.0
Dieldrin	15.01	14.92	15.06	0.036	0.040	-10.0
Endrin	16.00	15.89	16.03	0.039	0.040	-2.5
4,4'-DDD	16.89	16.80	16.94	0.038	0.040	-5.0
4,4'-DDT	17.57	17.49	17.63	0.036	0.040	-10.0
Methoxychlor	18.87	18.79	18.93	0.182	0.200	-9.0
Tetrachloro-m-xylene	5.73	5.66	5.76	0.018	0.020	-10.0
Decachlorobiphenyl	21.82	21.71	21.91	0.036	0.040	-10.0

EPA Sample No.(INDBM##) : INDBMUS Date Analyzed : 08/04/07

Lab Sample ID (INDBM) : INDBMUS Time Analyzed : 1414

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	9.22	9.15	9.25	0.018	0.020	-10.0
delta-BHC	9.72	9.65	9.75	0.018	0.020	-10.0
Aldrin	11.19	11.12	11.22	0.018	0.020	-10.0
Heptachlor epoxide	13.10	13.01	13.15	0.018	0.020	-10.0
4,4'-DDE	14.39	14.30	14.44	0.036	0.040	-10.0
Endosulfan II	16.97	16.88	17.02	0.036	0.040	-10.0
Endosulfan sulfate	18.99	18.91	19.05	0.039	0.040	-2.5
Endrin ketone	19.53	19.45	19.59	0.038	0.040	-5.0
Endrin aldehyde	18.02	17.94	18.08	0.036	0.040	-10.0
alpha-Chlordane	13.87	13.78	13.92	0.018	0.020	-10.0
gamma-Chlordane	13.47	13.38	13.52	0.018	0.020	-10.0
Tetrachloro-m-xylene	5.73	5.66	5.76	0.018	0.020	-10.0
Decachlorobiphenyl	21.82	21.71	21.91	0.036	0.040	-10.0

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

EPA Sample No.(PIBLK##): PIBLKUS Date Analyzed : 08/04/07

Lab Sample ID (PIBLK) : PIBLKUS Time Analyzed : 1308

EPA Sample No.(INDAM##) : INDAMUS Date Analyzed : 08/04/07

Lab Sample ID (INDAM) : INDAMUS Time Analyzed : 1341

INDIVIDUAL MIX A COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
alpha-BHC	10.31	10.25	10.35	0.017	0.020	-15.0
gamma-BHC (Lindane)	11.56	11.49	11.59	0.018	0.020	-10.0
Heptachlor	12.90	12.83	12.93	0.017	0.020	-15.0
Endosulfan I	17.55	17.46	17.60	0.018	0.020	-10.0
Dieldrin	18.22	18.13	18.27	0.035	0.040	-12.5
Endrin	18.90	18.82	18.96	0.038	0.040	-5.0
4,4'-DDD	19.38	19.30	19.44	0.035	0.040	-12.5
4,4'-DDT	20.04	19.95	20.09	0.034	0.040	-15.0
Methoxychlor	21.58	21.50	21.64	0.172	0.200	-14.0
Tetrachloro-m-xylene	7.93	7.85	7.95	0.018	0.020	-10.0
Decachlorobiphenyl	24.34	24.23	24.43	0.034	0.040	-15.0

EPA Sample No.(INDBM##) : INDBMUS Date Analyzed : 08/04/07

Lab Sample ID (INDBM) : INDBMUS Time Analyzed : 1414

INDIVIDUAL MIX B COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
beta-BHC	11.97	11.90	12.00	0.018	0.020	-10.0
delta-BHC	12.88	12.81	12.91	0.018	0.020	-10.0
Aldrin	13.85	13.78	13.88	0.017	0.020	-15.0
Heptachlor epoxide	16.41	16.31	16.45	0.017	0.020	-15.0
4,4'-DDE	18.06	17.97	18.11	0.034	0.040	-15.0
Endosulfan II	19.42	19.33	19.47	0.034	0.040	-15.0
Endosulfan sulfate	20.78	20.70	20.84	0.036	0.040	-10.0
Endrin ketone	21.83	21.74	21.88	0.036	0.040	-10.0
Endrin aldehyde	20.20	20.11	20.25	0.034	0.040	-15.0
alpha-Chlordane	17.47	17.39	17.53	0.017	0.020	-15.0
gamma-Chlordane	17.09	17.00	17.14	0.018	0.020	-10.0
Tetrachloro-m-xylene	7.93	7.85	7.95	0.017	0.020	-15.0
Decachlorobiphenyl	24.34	24.23	24.43	0.034	0.040	-15.0

8D
PESTICIDE ANALYTICAL SEQUENCE

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.71 DCB: 21.81

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESCT5	RESCT5	07/19/07	1604	5.72	21.82
02	PEMT5	PEMT5	07/19/07	1637	5.72	21.81
03	AR1660T5	AR1660T5	07/19/07	1710	5.71	21.81
04	AR1221T5	AR1221T5	07/19/07	1743	5.72	21.81
05	AR1232T5	AR1232T5	07/19/07	1816	5.72	21.81
06	AR1242T5	AR1242T5	07/19/07	1849	5.71	21.81
07	AR1248T5	AR1248T5	07/19/07	1922	5.72	21.81
08	AR1254T5	AR1254T5	07/19/07	1955	5.71	21.81
09	TOXAPHT5	TOXAPHT5	07/19/07	2028	5.71	21.81
10	INDALT5	INDALT5	07/19/07	2101	5.71	21.81
11	INDBLT5	INDBLT5	07/19/07	2134	5.72	21.81
12	INDAMT5	INDAMT5	07/19/07	2208	5.71	21.81
13	INDBMT5	INDBMT5	07/19/07	2241	5.71	21.81
14	INDAHT5	INDAHT5	07/19/07	2314	5.71	21.81
15	INDBHT5	INDBHT5	07/19/07	2347	5.71	21.81
16	PIBLKTA	PIBLKTA	07/20/07	0020	5.71	21.81
17	PEMTA	PEMTA	07/20/07	0053	5.71	21.81
18	PIBLKTH	PIBLKTH	07/26/07	2131	5.72	21.81
19	PEMTH	PEMTH	07/26/07	2204	5.72	21.81
20	PIBLKTI	PIBLKTI	07/27/07	0123	5.72	21.81
21	INDAMTI	INDAMTI	07/27/07	0156	5.72	21.81
22	INDBMTI	INDBMTI	07/27/07	0229	5.72	21.81
23	PBLK5G	MB-31308	07/27/07	0919	5.74	21.83
24	P5GLCS	LCS-31308	07/27/07	0952	5.73	21.82
25	PIBLKTJ	PIBLKTJ	07/27/07	1025	5.72	21.82
26	PEMTJ	PEMTJ	07/27/07	1058	5.72	21.81
27	PIBLKUP	PIBLKUP	08/03/07	1313	5.74	21.82
28	PEMUP	PEMUP	08/03/07	1346	5.73	21.82
29	PBLK5K	MB-31475	08/03/07	1452	5.73	21.82
30	P5KLCS	LCS-31475	08/03/07	1525	5.74	21.82
31	MW-BR09B	F0981-09A	08/03/07	1558	5.74	21.82
32	MW-BR10	F0981-10A	08/03/07	1631	5.73	21.82

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.: MF0981

GC Column: CLPPEST ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 5.71 DCB: 21.81

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	MW-BR12	F0981-11A	08/03/07	1704	5.74	21.82
02	MW-BR12MS	F0981-11AMS	08/03/07	1737	5.73	21.82
03	MW-BR12MSD	F0981-11AMSD	08/03/07	1810	5.73	21.82
04	PIBLKUQ	PIBLKUQ	08/03/07	1950	5.73	21.82
05	INDAMUQ	INDAMUQ	08/03/07	2023	5.74	21.82
06	INDBMUQ	INDBMUQ	08/03/07	2056	5.73	21.82
07	AR1660UQ	AR1660UQ	08/03/07	2129	5.73	21.82
08	SB06	F0981-03A	08/03/07	2202	5.73	21.82
09	SB12	F0981-04A	08/03/07	2235	5.74	21.81
10	SB12/D	F0981-05A	08/03/07	2341	5.73	21.81
11	MW-BR07	F0981-07A	08/04/07	0047	5.74	21.81
12	MW-BR09A	F0981-08A	08/04/07	0153	5.74	21.82
13	PIBLKUR	PIBLKUR	08/04/07	0300	5.74	21.82
14	PEMUR	PEMUR	08/04/07	0333	5.74	21.82
15	PIBLKUS	PIBLKUS	08/04/07	1308	5.73	21.82
16	INDAMUS	INDAMUS	08/04/07	1341	5.73	21.82
17	INDBMUS	INDBMUS	08/04/07	1414	5.73	21.82
18	MW-BR07DL	F0981-07ADL	08/04/07	1615	5.75	21.82
19	PIBLKUT	PIBLKUT	08/04/07	1721	5.73	21.83
20	PEMUT	PEMUT	08/04/07	1754	5.73	21.82
21						
22						
23						
24						
25						
26						
27						
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.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 7.90 DCB: 24.33

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	RESCT5	RESCT5	07/19/07	1604	7.92	24.34
02	PEMT5	PEMT5	07/19/07	1637	7.91	24.33
03	AR1660T5	AR1660T5	07/19/07	1710	7.90	24.33
04	AR1221T5	AR1221T5	07/19/07	1743	7.91	24.33
05	AR1232T5	AR1232T5	07/19/07	1816	7.91	24.33
06	AR1242T5	AR1242T5	07/19/07	1849	7.91	24.33
07	AR1248T5	AR1248T5	07/19/07	1922	7.91	24.33
08	AR1254T5	AR1254T5	07/19/07	1955	7.90	24.33
09	TOXAPHT5	TOXAPHT5	07/19/07	2028	7.91	24.33
10	INDALT5	INDALT5	07/19/07	2101	7.91	24.33
11	INDBLT5	INDBLT5	07/19/07	2134	7.91	24.33
12	INDAMT5	INDAMT5	07/19/07	2208	7.90	24.33
13	INDBMT5	INDBMT5	07/19/07	2241	7.91	24.33
14	INDAHT5	INDAHT5	07/19/07	2314	7.90	24.33
15	INDBHT5	INDBHT5	07/19/07	2347	7.90	24.33
16	PIBLKTA	PIBLKTA	07/20/07	0020	7.90	24.33
17	PEMTA	PEMTA	07/20/07	0053	7.91	24.33
18	PIBLKTH	PIBLKTH	07/26/07	2131	7.92	24.33
19	PEMTH	PEMTH	07/26/07	2204	7.92	24.33
20	PIBLKTI	PIBLKTI	07/27/07	0123	7.92	24.33
21	INDAMTI	INDAMTI	07/27/07	0156	7.91	24.33
22	INDBMTI	INDBMTI	07/27/07	0229	7.91	24.33
23	PBLK5G	MB-31308	07/27/07	0919	7.91	24.34
24	P5GLCS	LCS-31308	07/27/07	0952	7.92	24.34
25	PIBLKTJ	PIBLKTJ	07/27/07	1025	7.91	24.34
26	PEMTJ	PEMTJ	07/27/07	1058	7.92	24.33
27	PIBLKUP	PIBLKUP	08/03/07	1313	7.93	24.34
28	PEMUP	PEMUP	08/03/07	1346	7.93	24.34
29	PBLK5K	MB-31475	08/03/07	1452	7.93	24.34
30	P5KLCS	LCS-31475	08/03/07	1525	7.93	24.34
31	MW-BR09B	F0981-09A	08/03/07	1558	7.93	24.34
32	MW-BR10	F0981-10A	08/03/07	1631	7.93	24.34

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.: MF0981

GC Column: CLPPESTII ID: 0.53 (mm) Init. Calib. Date(s): 07/19/07 07/19/07

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 7.90 DCB: 24.33

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	MW-BR12	F0981-11A	08/03/07	1704	7.93	24.34
02	MW-BR12MS	F0981-11AMS	08/03/07	1737	7.93	24.34
03	MW-BR12MSD	F0981-11AMSD	08/03/07	1810	7.92	24.34
04	PIBLKUQ	PIBLKUQ	08/03/07	1950	7.93	24.34
05	INDAMUQ	INDAMUQ	08/03/07	2023	7.93	24.34
06	INDBMUQ	INDBMUQ	08/03/07	2056	7.93	24.34
07	AR1660UQ	AR1660UQ	08/03/07	2129	7.93	24.34
08	SB06	F0981-03A	08/03/07	2202	7.93	24.34
09	SB12	F0981-04A	08/03/07	2235	7.93	24.34
10	SB12/D	F0981-05A	08/03/07	2341	7.92	24.34
11	MW-BR07	F0981-07A	08/04/07	0047	7.93	24.34
12	MW-BR09A	F0981-08A	08/04/07	0153	7.93	24.34
13	PIBLKUR	PIBLKUR	08/04/07	0300	7.93	24.34
14	PEMUR	PEMUR	08/04/07	0333	7.93	24.34
15	PIBLKUS	PIBLKUS	08/04/07	1308	7.92	24.34
16	INDAMUS	INDAMUS	08/04/07	1341	7.93	24.34
17	INDBMUS	INDBMUS	08/04/07	1414	7.93	24.34
18	MW-BR07DL	F0981-07ADL	08/04/07	1615	7.92	24.35
19	PIBLKUT	PIBLKUT	08/04/07	1721	7.92	24.35
20	PEMUT	PEMUT	08/04/07	1754	7.92	24.34
21						
22						
23						
24						
25						
26						
27						
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.

0862

9A
PESTICIDE FLORISIL CARTRIDGE CHECK

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Florisil Cartridge Lot Number: FLOSP3020 Date of Analysis: 06/22/07

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	0.0087	87	80-120
gamma-BHC (Lindane)	0.010	0.0087	87	80-120
Heptachlor	0.010	0.0089	89	80-120
Endosulfan I	0.010	0.0092	92	80-120
Dieldrin	0.020	0.018	89	80-120
Endrin	0.020	0.016	80	80-120
4,4'-DDD	0.020	0.018	90	80-120
4,4'-DDT	0.020	0.016	82	80-120
Methoxychlor	0.10	0.093	93	80-120
Tetrachloro-m-xylene	0.010	0.0095	95	80-120
Decachlorobiphenyl	0.020	0.02	100	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	PBLK5G	MB-31308	07/27/07	07/27/07
02	P5GLCS	LCS-31308	07/27/07	07/27/07
03	PBLK5K	MB-31475	08/03/07	08/03/07
04	P5KLCS	LCS-31475	08/03/07	08/03/07
05	MW-BR09B	F0981-09A	08/03/07	08/03/07
06	MW-BR10	F0981-10A	08/03/07	08/03/07
07	MW-BR12	F0981-11A	08/03/07	08/03/07
08	MW-BR12MS	F0981-11AMS	08/03/07	08/03/07
09	MW-BR12MSD	F0981-11AMSD	08/03/07	08/03/07
10	SB06	F0981-03A	08/03/07	08/03/07
11	SB12	F0981-04A	08/03/07	08/03/07
12	SB12/D	F0981-05A	08/03/07	08/03/07
13	MW-BR07	F0981-07A	08/04/07	08/04/07
14	MW-BR09A	F0981-08A	08/04/07	08/04/07
15	MW-BR07DL	F0981-07ADL	08/04/07	08/04/07
16				
17				
18				
19				
20				
21				
22				

9B
PESTICIDE GPC CALIBRATION VERIFICATION

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GPC Column: S-X3 Calibration Verification Date: 08/04/07

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
gamma-BHC (Lindane)	0.050	0.04	80	80-110
Heptachlor	0.050	0.042	84	80-110
Aldrin	0.050	0.041	82	80-110
Dieldrin	0.10	0.084	84	80-110
Endrin	0.10	0.11	105	80-110
4,4'-DDT	0.10	0.082	82	80-110

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

THIS GPC CALIBRATION VERIFICATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK5K	MB-31475	08/03/07	08/03/07
02	P5KLCS	LCS-31475	08/03/07	08/03/07
03	MW-BR09B	F0981-09A	08/03/07	08/03/07
04	MW-BR10	F0981-10A	08/03/07	08/03/07
05	MW-BR12	F0981-11A	08/03/07	08/03/07
06	MW-BR12MS	F0981-11AMS	08/03/07	08/03/07
07	MW-BR12MSD	F0981-11AMSD	08/03/07	08/03/07
08	SB06	F0981-03A	08/03/07	08/03/07
09	SB12	F0981-04A	08/03/07	08/03/07
10	SB12/D	F0981-05A	08/03/07	08/03/07
11	MW-BR07	F0981-07A	08/04/07	08/04/07
12	MW-BR09A	F0981-08A	08/04/07	08/04/07
13	MW-BR07DL	F0981-07ADL	08/04/07	08/04/07
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				

0884

9B
PESTICIDE GPC CALIBRATION VERIFICATION

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

GPC Column: S-X3 Calibration Verification Date: 07/31/07

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
gamma-BHC (Lindane)	0.050	0.041	81	80-110
Heptachlor	0.050	0.04	81	80-110
Aldrin	0.050	0.042	83	80-110
Dieldrin	0.10	0.084	84	80-110
Endrin	0.10	0.1	104	80-110
4,4'-DDT	0.10	0.08	80	80-110

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

THIS GPC CALIBRATION VERIFICATION APPLIES TO THE FOLLOWING SAMPLES, BLANKS, MS, AND MSD:

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
01	PBLK5G	MB-31308	07/27/07	07/27/07
02	P5GLCS	LCS-31308	07/27/07	07/27/07
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
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22				
23				
24				
25				
26				

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

MW-BR07

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0981

Lab Sample ID: F0981-07A Date(s) Analyzed: 08/04/07 08/04/07

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
Dieldrin	1	15.01	14.92	15.06	7.9	
	2	18.17	18.13	18.27	41	419.0
4,4'-DDE	1	14.37	14.30	14.44	15	
	2	18.05	17.97	18.11	22	46.7
4,4'-DDD	1	16.81	16.80	16.94	11	
	2	19.38	19.30	19.44	13	18.2
Endosulfan sulfate	1	18.98	18.91	19.05	94	
	2	20.74	20.70	20.84	8.1	999.9
4,4'-DDT	1	17.57	17.49	17.63	130	
	2	20.03	19.95	20.09	230	76.9
Methoxychlor	1	18.85	18.79	18.93	22	
	2	21.58	21.50	21.64	36	63.6
Endrin ketone	1	19.56	19.45	19.59	57	
	2	21.78	21.74	21.88	7.6	650.0
Endrin aldehyde	1	18.01	17.94	18.08	5.3	
	2	20.20	20.11	20.25	41	673.6

0685

10A
PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

MW-BR07DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab Sample ID: F0981-07ADL Date(s) Analyzed: 08/04/07 08/04/07

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
Dieldrin	1	15.04	14.92	15.06	13	
	2	18.18	18.13	18.27	50	284.6
4,4'-DDE	1	14.40	14.30	14.44	23	
	2	18.06	17.97	18.11	28	21.7
4,4'-DDT	1	17.58	17.49	17.63	170	
	2	20.03	19.95	20.09	270	58.8
Endrin aldehyde	1	18.03	17.94	18.08	17	
	2	20.20	20.11	20.25	52	205.9
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0867

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

MW-BR12MS

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0981

Lab Sample ID: F0981-11AMS Date(s) Analyzed: 08/03/07 08/03/07

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	8.82	8.74	8.84	10	
	2	11.56	11.49	11.59	9.8	2.0
Heptachlor	1	10.32	10.25	10.35	12	
	2	12.89	12.83	12.93	10	20.0
Aldrin	1	11.19	11.12	11.22	11	
	2	13.85	13.78	13.88	10	10.0
Dieldrin	1	15.01	14.92	15.06	22	
	2	18.22	18.13	18.27	21	4.8
Endrin	1	15.99	15.89	16.03	28	
	2	18.90	18.82	18.96	26	7.7
4,4'-DDT	1	17.57	17.49	17.63	22	
	2	20.04	19.95	20.09	21	4.8
	1					
	2					
	1					
	2					

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

MW-BR12MSD

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0981

Lab Sample ID: F0981-11AMSD Date(s) Analyzed: 08/03/07 08/03/07

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	8.81	8.74	8.84	9.5	
	2	11.56	11.49	11.59	9.0	5.6
Heptachlor	1	10.31	10.25	10.35	10	
	2	12.89	12.83	12.93	9.3	7.5
Aldrin	1	11.19	11.12	11.22	9.6	
	2	13.84	13.78	13.88	9.3	3.2
Dieldrin	1	15.00	14.92	15.06	23	
	2	18.22	18.13	18.27	23	0.0
Endrin	1	15.99	15.89	16.03	30	
	2	18.90	18.82	18.96	29	3.4
4,4'-DDT	1	17.57	17.49	17.63	25	
	2	20.04	19.95	20.09	24	4.2
	1					
	2					
	1					
	2					

0689

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

P5GLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab Sample ID: LCS-31308 Date(s) Analyzed: 07/27/07 07/27/07

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	8.81	8.74	8.84	11	
	2	11.55	11.49	11.59	11	0.0
Heptachlor	1	10.31	10.25	10.35	12	
	2	12.89	12.83	12.93	11	9.1
Aldrin	1	11.18	11.12	11.22	11	
	2	13.84	13.78	13.88	11	0.0
Dieldrin	1	15.00	14.92	15.06	24	
	2	18.21	18.13	18.27	24	0.0
Endrin	1	15.99	15.89	16.03	31	
	2	18.89	18.82	18.96	30	3.3
4,4'-DDT	1	17.57	17.49	17.63	25	
	2	20.03	19.95	20.09	24	4.2
	1					
	2					
	1					
	2					

0896

10A

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

P5KLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab Sample ID: LCS-31475 Date(s) Analyzed: 08/03/07 08/03/07

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	8.82	8.74	8.84	9.9	
	2	11.56	11.49	11.59	9.0	10.0
Heptachlor	1	10.32	10.25	10.35	9.8	
	2	12.90	12.83	12.93	9.4	4.3
Aldrin	1	11.19	11.12	11.22	9.6	
	2	13.85	13.78	13.88	9.3	3.2
Dieldrin	1	15.00	14.92	15.06	22	
	2	18.22	18.13	18.27	21	4.8
Endrin	1	16.00	15.89	16.03	27	
	2	18.90	18.82	18.96	26	3.8
4,4'-DDT	1	17.57	17.49	17.63	21	
	2	20.04	19.95	20.09	22	4.8
	1					
	2					
	1					
	2					

0891

10A

PESTICIDE IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

EPA SAMPLE NO.

SB12

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab Sample ID: F0981-04A Date(s) Analyzed: 08/03/07 08/03/07

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
4,4'-DDE	1	14.39	14.30	14.44	2.1	
	2	18.05	17.97	18.11	1.9	10.5
4,4'-DDT	1	17.57	17.49	17.63	2.5	
	2	20.03	19.95	20.09	3.8	52.0
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					
	1					
	2					

0002

10B

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

EPA SAMPLE NO.

MW-BR07

Lab Name: MITKEM CORPORATION Contract:

Lab Code: MITKEM Case No.: SAS No.: SDG No.: MF0981

Lab Sample ID: F0981-07A Date(s) Analyzed: 08/04/07 08/04/07

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	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	18.21	18.20	18.34	2900		
Aroclor-1260	2	18.98	18.90	19.04	850		
	3	19.56	19.49	19.63	1100		
COLUMN 1	4						
	5					1600	
	1	20.81	20.73	20.87	970		
	2	21.34	21.26	21.40	1100		
	3	22.07	21.99	22.13	1200		
COLUMN 2	4						
	5					1100	45.5
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes.

0693

10B

EPA SAMPLE NO.

PESTICIDE IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

MW-BR07DL

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Lab Sample ID: F0981-07ADL Date(s) Analyzed: 08/04/07 08/04/07

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

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

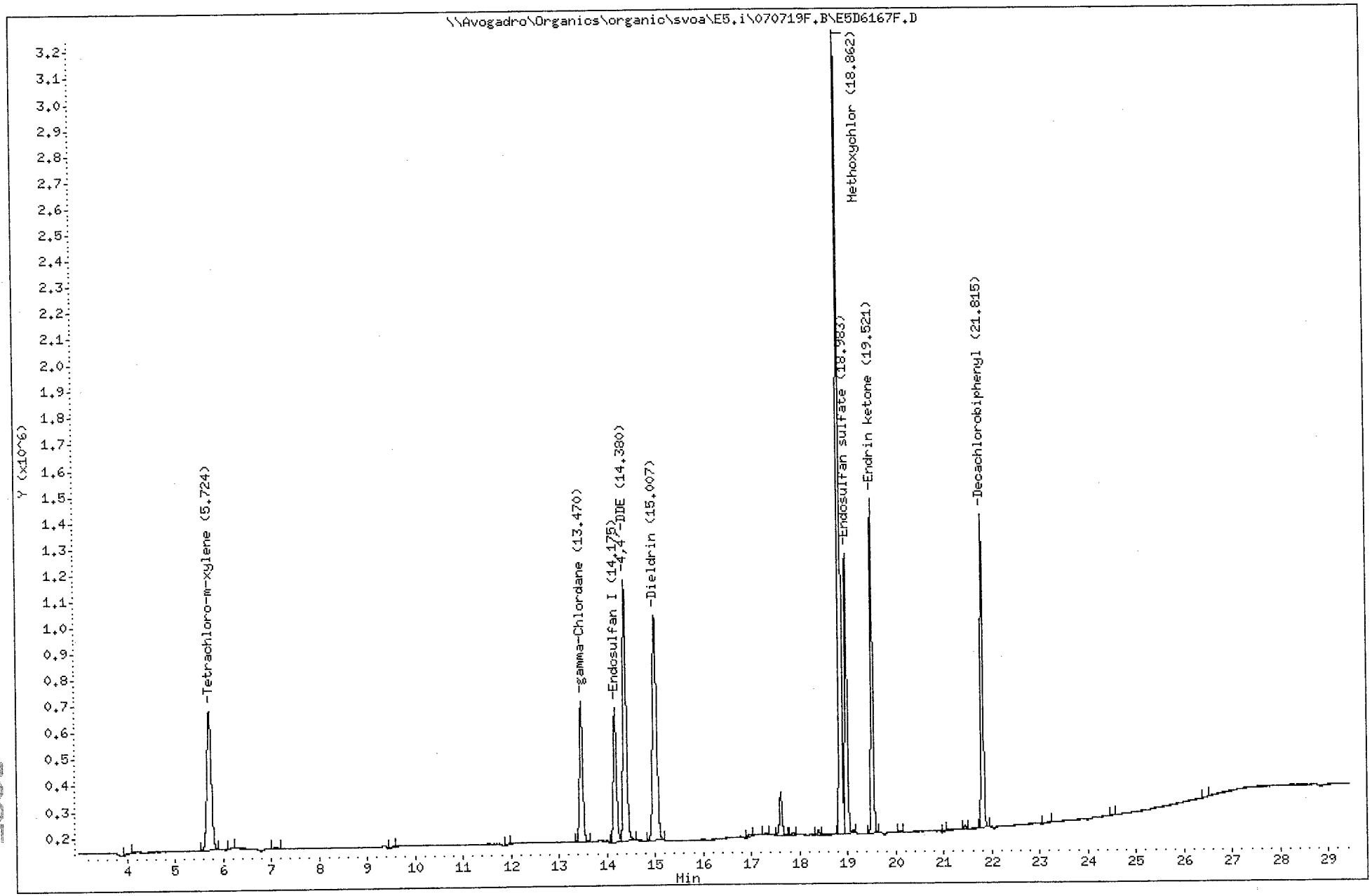
ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%D
	1	18.23	18.20	18.34	3600		
Aroclor-1260	2	18.99	18.90	19.04	1000		
	3	19.57	19.49	19.63	1500		
COLUMN 1	4						
	5					2100	
	1	20.82	20.73	20.87	1200		
	2	21.35	21.26	21.40	1200		
	3	22.08	21.99	22.13	1400		
COLUMN 2	4						
	5					1300	61.5
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						
	1						
	2						
	3						
COLUMN 1	4						
	5						
	1						
	2						
	3						
COLUMN 2	4						
	5						

At least 3 peaks for each column are required for identification of multicomponent analytes.

0894

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6167F.D
Date : 19-JUL-2007 16:04
Client ID: RESCT5
Sample Info: RESCT5,RESCT5,,resc,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

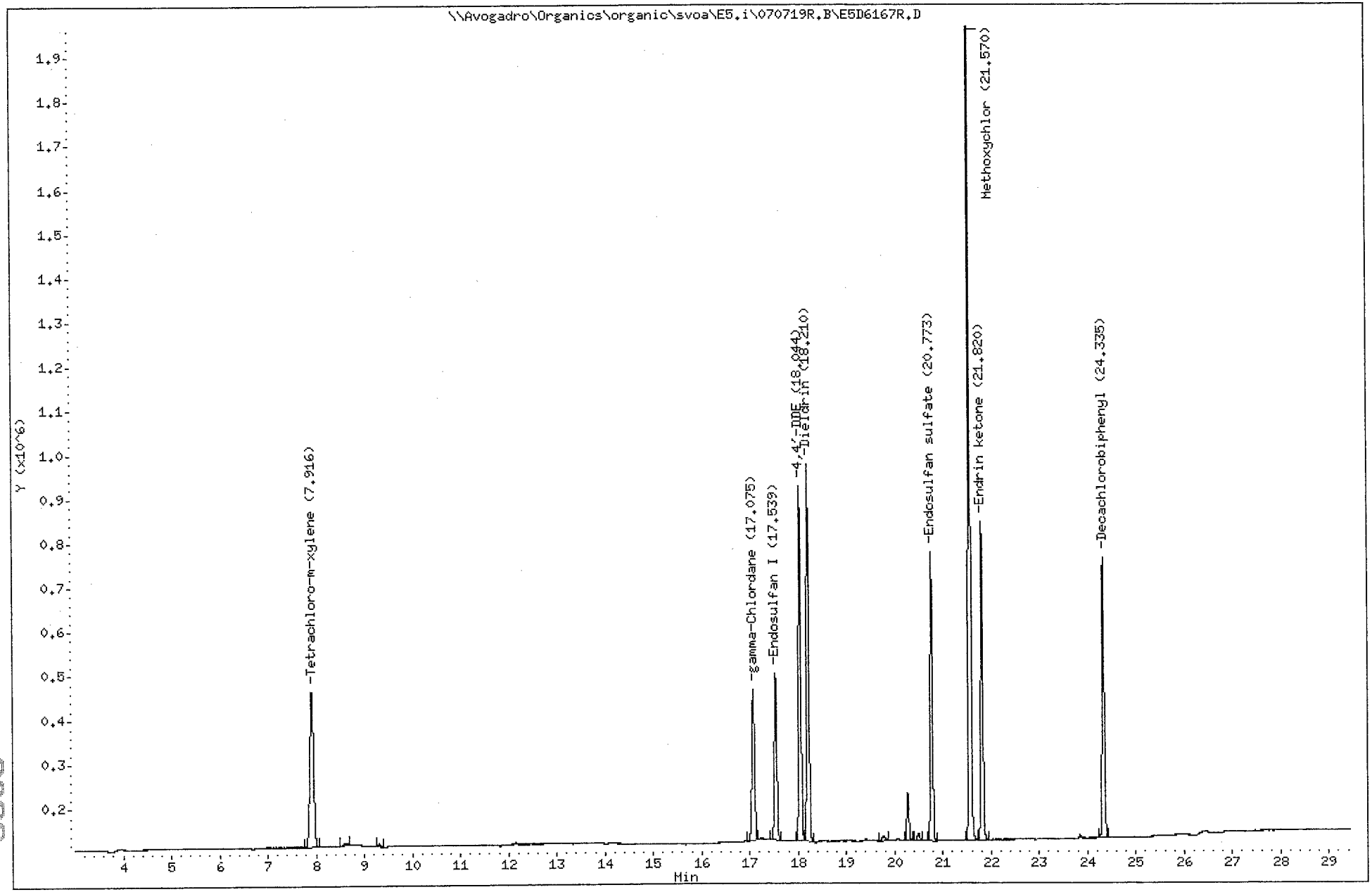
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



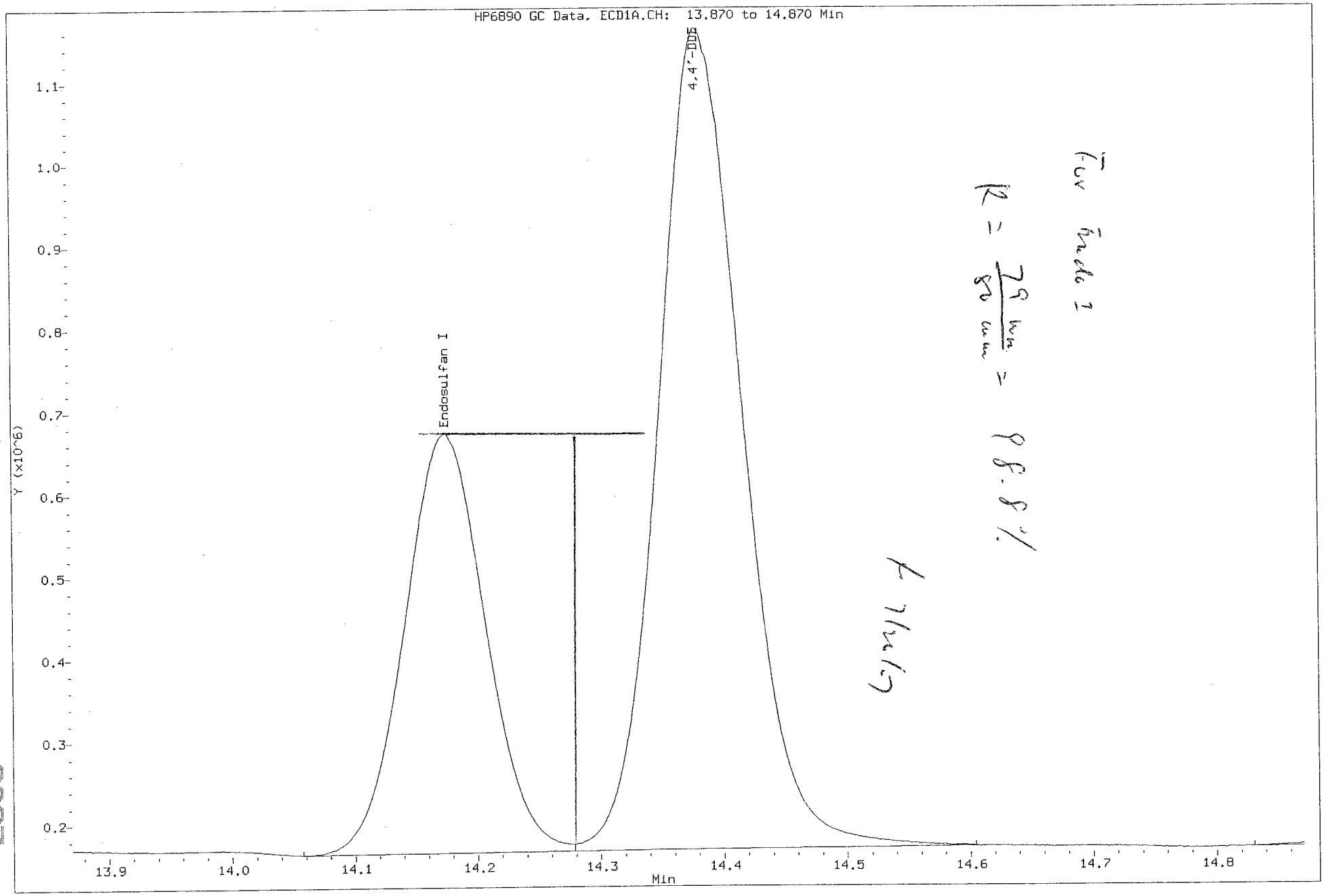
6959

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6167R.D
Date : 19-JUL-2007 16:04
Client ID: RESCT5
Sample Info: RESCT5,RESCT5,,reso.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6167F.D
Injection Date: 19-JUL-2007 16:04
Instrument: E5.i
Client Sample ID: RESCT5

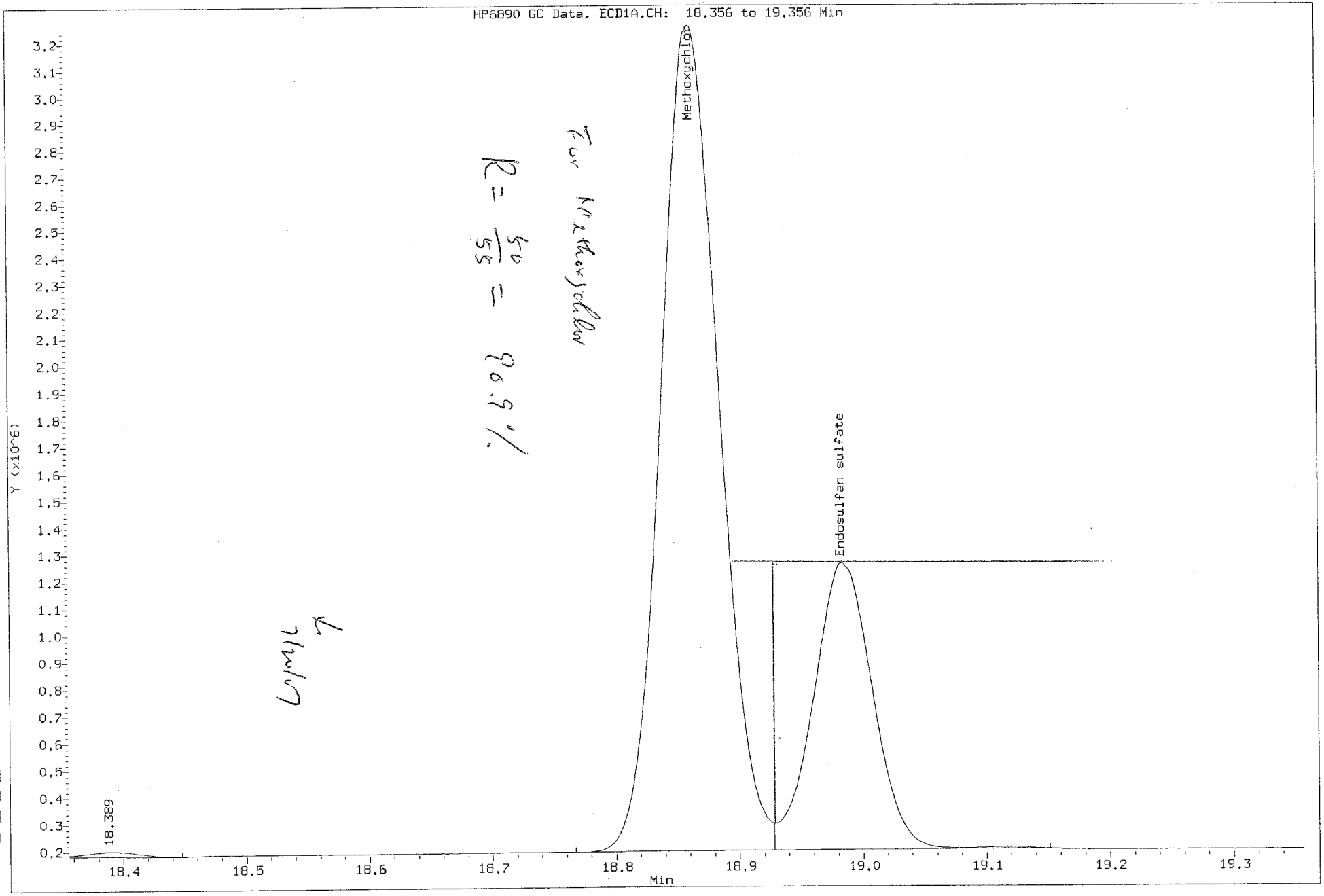


(-CV Grade 1

$R = \frac{2\,(\text{valley})}{\text{peak}} \times 100\% = 98.8\%$

1 Hill

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6167F.D
Injection Date: 19-JUL-2007 16:04
Instrument: E5.i
Client Sample ID: RESCT5



8539

Data File: E5D6167F.D
Report Date: 20-Jul-2007 10:04

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6167F.D
Lab Smp Id: RESCT5 Client Smp ID: RESCT5
Inj Date : 19-JUL-2007 16:04
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : RESCT5,RESCT5,,resc.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 1 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: resc.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
11 gamma-Chlordane					CAS #: 5103-74-2		
13.470	13.454	0.016	2420928	0.00950	0.095		
10 Endosulfan I					CAS #: 959-98-8		
14.175	14.158	0.017	2319943	0.00961	0.096		
13 4,4'-DDE					CAS #: 72-55-9		
14.380	14.370	0.010	4692100	0.01909	0.19		
14 Dieldrin					CAS #: 60-57-1		
15.007	14.986	0.021	4976566	0.01907	0.19		
20 Endosulfan sulfate					CAS #: 1031-07-8		
18.982	18.976	0.006	3544936	0.01723	0.17		
22 Endrin ketone					CAS #: 53494-70-5		
19.521	19.515	0.006	3993775	0.01770	0.18		
21 Methoxychlor					CAS #: 72-43-5		
18.862	18.856	0.006	10030047	0.10128	1.0		

7/20/07

Data File: E5D6167F.D
Report Date: 20-Jul-2007 10:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.724	5.711	0.013	3397046	0.01865	0.19		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.814	21.810	0.004	3901317	0.01605	0.16		

7/20/07

Data File: E5D6167R.D
Report Date: 20-Jul-2007 10:06

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6167R.D
Lab Smp Id: RESCT5 Client Smp ID: RESCT5
Inj Date : 19-JUL-2007 16:04
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : RESCT5,RESCT5,,resc.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 1 QC Sample: RESOLUTION
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: resc.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

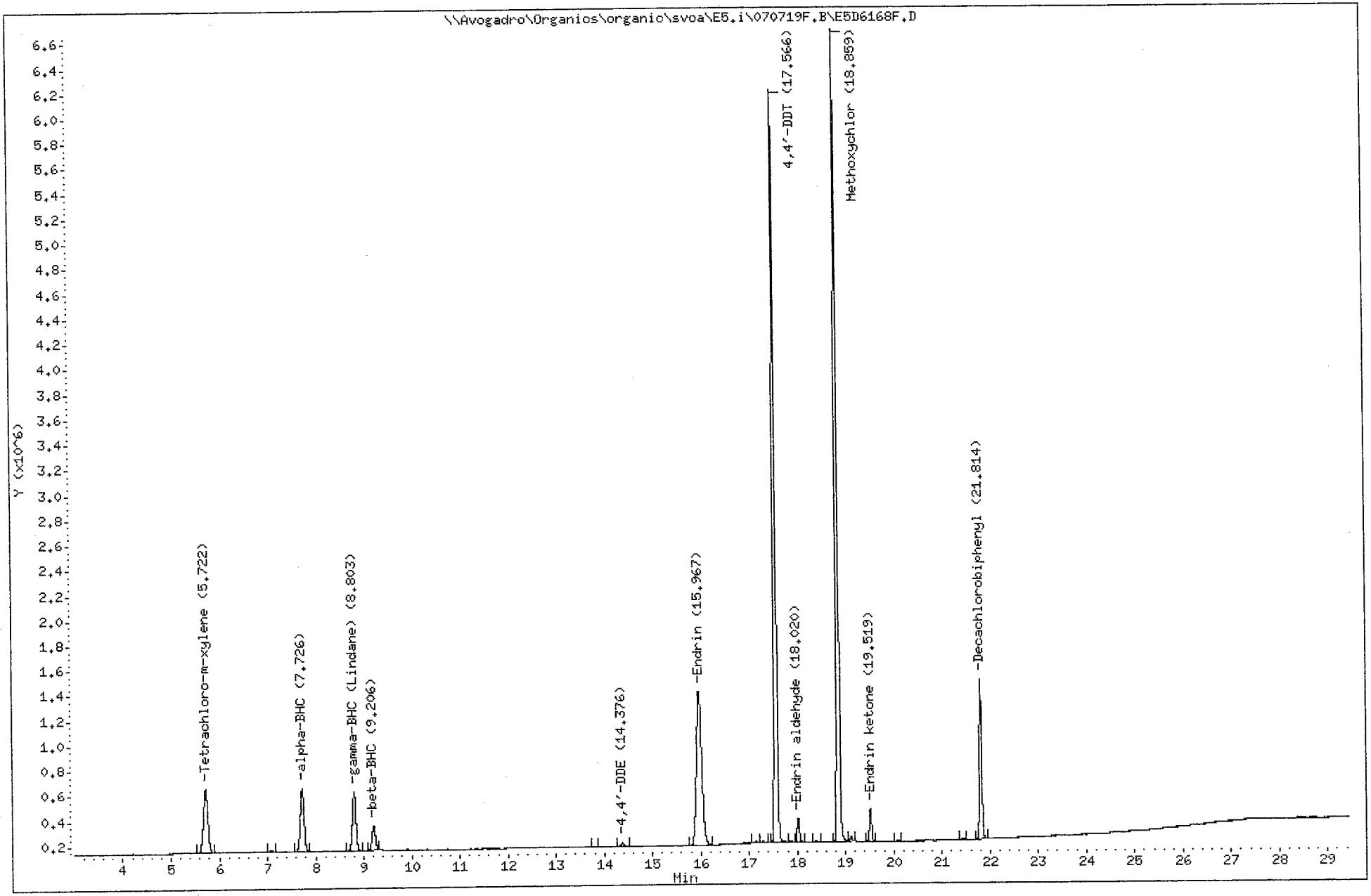
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
12 gamma-Chlordane					CAS #: 5103-74-2		
17.074	17.066	0.008	1311403	0.00981	0.098		
11 Endosulfan I					CAS #: 959-98-8		
17.538	17.530	0.008	1274942	0.00975	0.098		
14 4,4'-DDE					CAS #: 72-55-9		
18.043	18.038	0.005	2558223	0.01927	0.19		
15 Dieldrin					CAS #: 60-57-1		
18.209	18.203	0.006	2753191	0.01938	0.19		
21 Endosulfan sulfate					CAS #: 1031-07-8		
20.772	20.766	0.006	1963772	0.01696	0.17		
23 Endrin ketone					CAS #: 53494-70-5		
21.819	21.813	0.006	2157078	0.01808	0.18		
22 Methoxychlor					CAS #: 72-43-5		
21.570	21.566	0.004	5557447	0.10018	1.0		

Data File: E5D6167R.D
Report Date: 20-Jul-2007 10:06

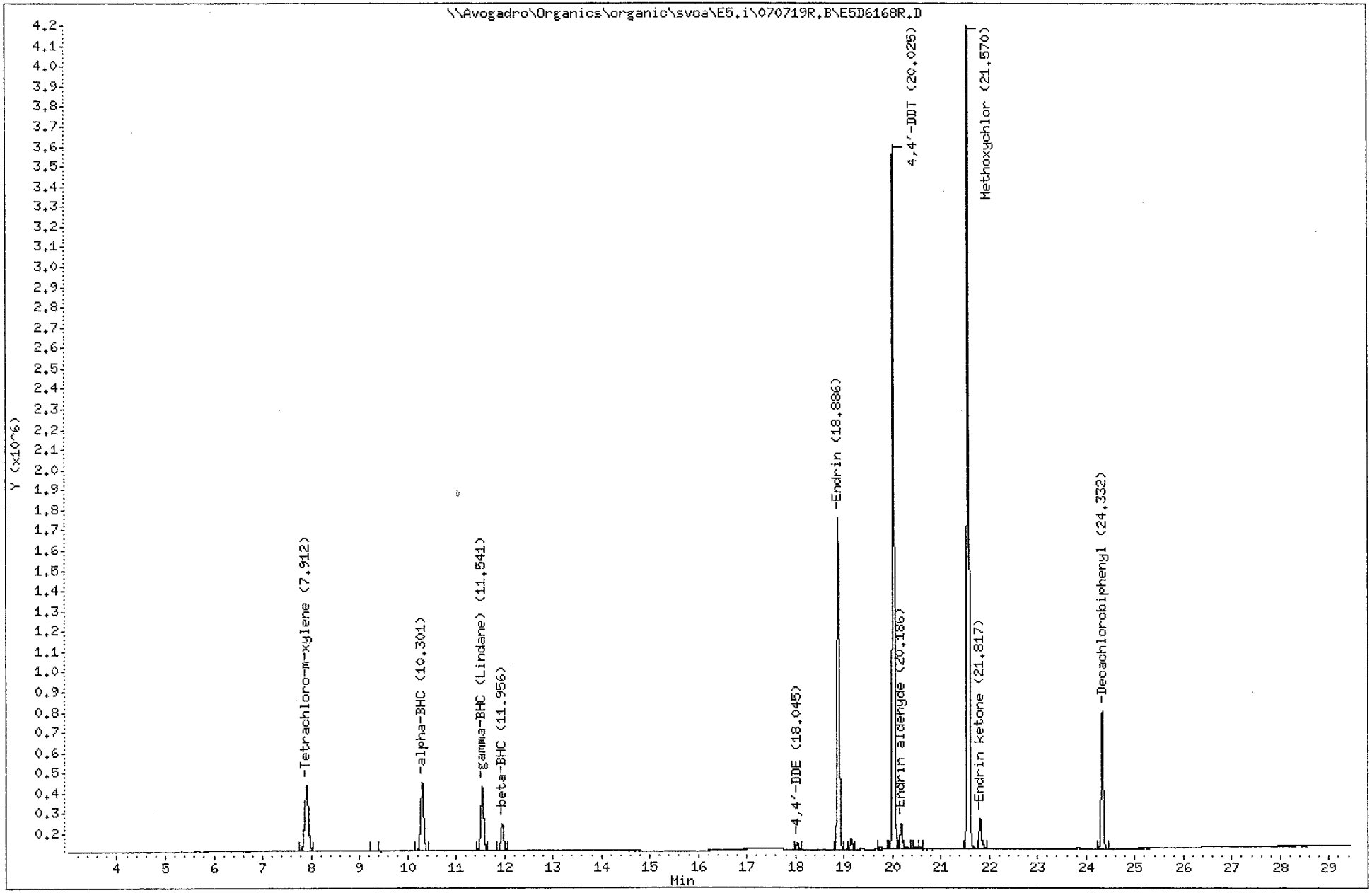
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.916	7.903	0.013	1846003	0.01887	0.19		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.335	24.329	0.006	1982116	0.01639	0.16		

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6168F.D
Date : 19-JUL-2007 16:37
Client ID: PEMT5
Sample Info: PEMT5,PEMT5,,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\070719R.B\E5D6168R.D
Date : 19-JUL-2007 16:37
Client ID: PEMT5
Instrument: E5.i
Sample Info: PEMT5,PEMT5,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6168F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6168F.D
Lab Smp Id: PEMT5 Client Smp ID: PEMT5
Inj Date : 19-JUL-2007 16:37
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMT5,PEMT5,,pem.sub,pem.spk,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.722	5.711	0.011	3207376	0.01761	0.018			
3 alpha-BHC					CAS #: 319-84-6			
7.725	7.719	0.006	2716176	0.00871	0.0087			
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.803	8.794	0.009	2380810	0.00836	0.0084			
7 beta-BHC					CAS #: 319-85-7			
9.205	9.197	0.008	969846	0.00850	0.0085			
13 4,4'-DDE					CAS #: 72-55-9			
14.376	14.370	0.006	156491	6e-004	0.00064			(a)
15 Endrin					CAS #: 72-20-8			
15.967	15.963	0.004	9553145	0.04807	0.048			
18 4,4'-DDT					CAS #: 50-29-3			
17.565	17.561	0.004	20166046	0.08812	0.088			

Data File: E5D6168F.D
Report Date: 20-Jul-2007 10:05

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
19 Endrin aldehyde					CAS #: 7421-93-4			
18.019	18.007	0.012	712448	0.00388	0.0039			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.858	18.856	0.002	21417919	0.21627	0.22			
22 Endrin ketone					CAS #: 53494-70-5			
19.518	19.515	0.003	850672	0.00377	0.0038			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.813	21.810	0.003	4173951	0.01717	0.017			

QC Flag Legend

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

7/20/07

Data File: E5D6168R.D
Report Date: 20-Jul-2007 10:06

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6168R.D
Lab Smp Id: PEMT5 Client Smp ID: PEMT5
Inj Date : 19-JUL-2007 16:37
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMT5,PEMT5,,pem.sub,pem.spk,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.912	7.903	0.009	1727341	0.01766	0.018			
4 alpha-BHC					CAS #: 319-84-6			
10.300	10.295	0.005	1497341	0.00871	0.0087			
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
11.540	11.536	0.004	1329114	0.00840	0.0084			
8 beta-BHC					CAS #: 319-85-7			
11.956	11.953	0.003	571773	0.00901	0.0090			
14 4,4'-DDE					CAS #: 72-55-9			
18.044	18.038	0.006	98081	7e-004	0.00074			(a)
16 Endrin					CAS #: 72-20-8			
18.886	18.885	0.001	5066774	0.04707	0.047			
19 4,4'-DDT					CAS #: 50-29-3			
20.024	20.023	0.001	10353325	0.08823	0.088			

7/20/07

Data File: E5D6168R.D
Report Date: 20-Jul-2007 10:06

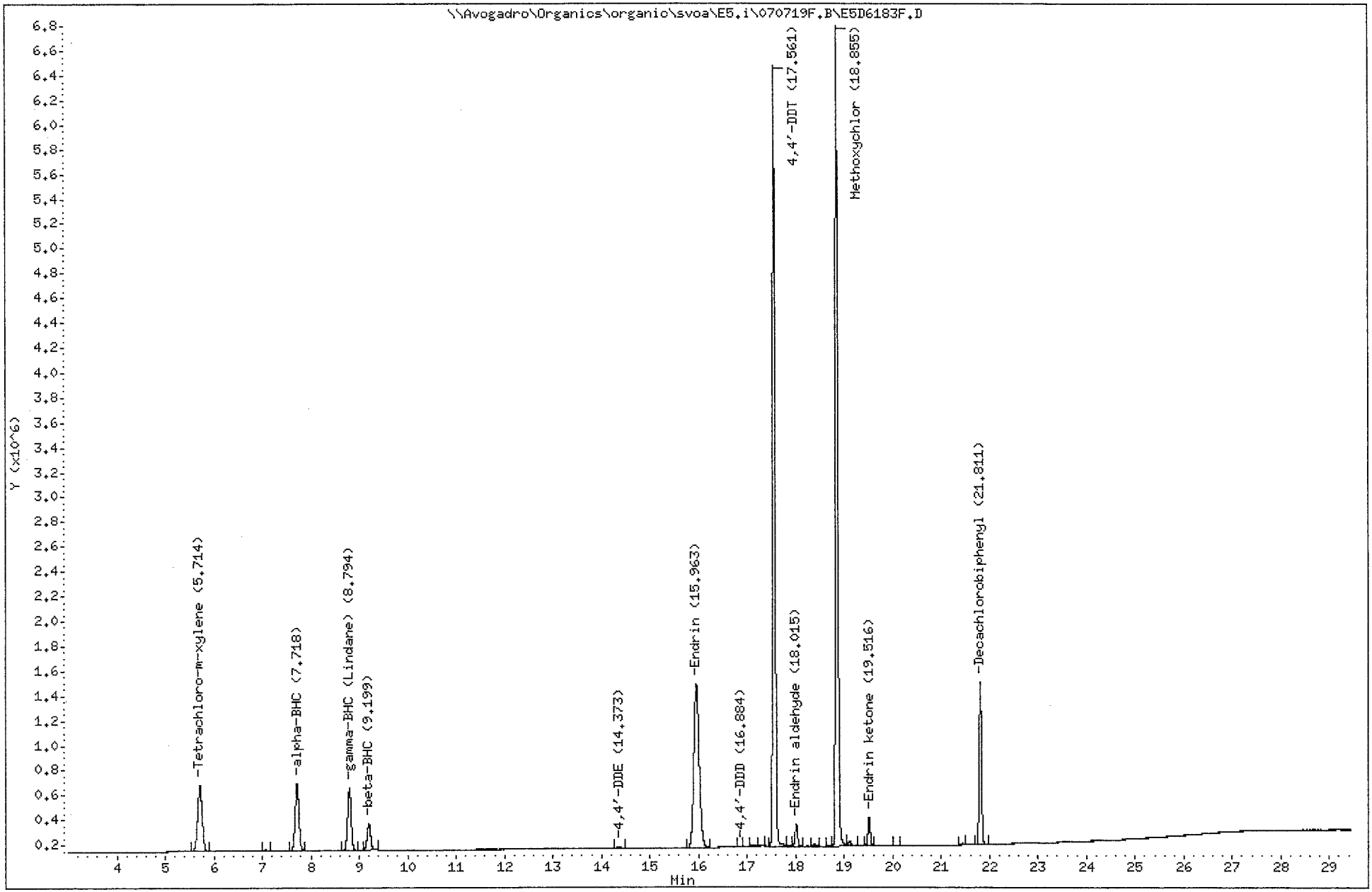
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
20 Endrin aldehyde					CAS #: 7421-93-4			
20.185	20.177	0.008	390118	0.00408	0.0041			(a)
22 Methoxychlor					CAS #: 72-43-5			
21.569	21.566	0.003	12164774	0.21928	0.22			
23 Endrin ketone					CAS #: 53494-70-5			
21.817	21.813	0.004	534836	0.00448	0.0045			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.332	24.329	0.003	2115251	0.01749	0.017			

QC Flag Legend

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

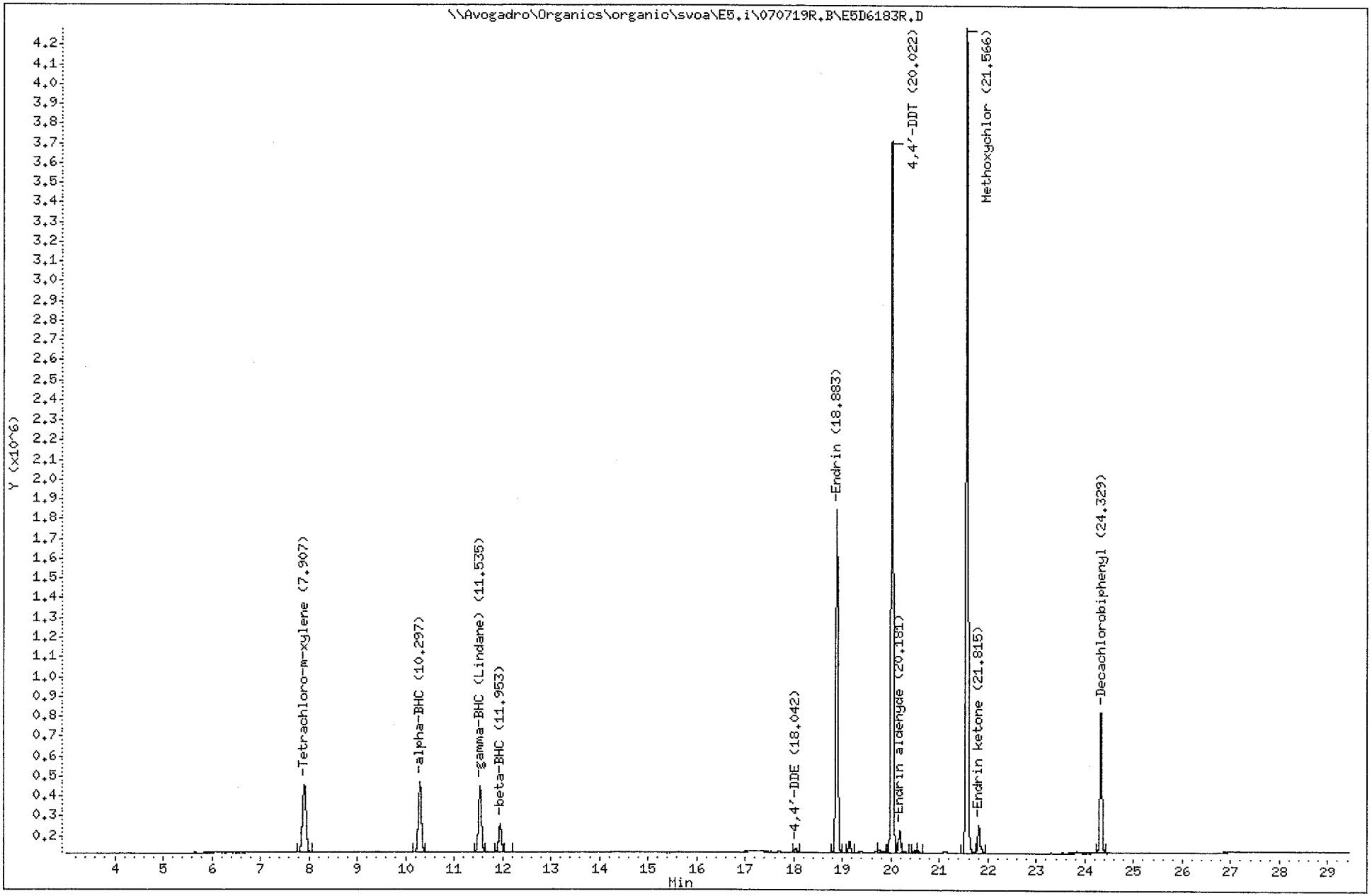
7/20/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6183F.D
Date : 20-JUL-2007 00:53
Client ID: PEMTA
Instrument: E5.i
Sample Info: PEMTA,PEMTA,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



5869

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6183R.D
Date : 20-JUL-2007 00:53
Client ID: PEMTA
Instrument: E5.i
Sample Info: PEMTA,PEMTA,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6183F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6183F.D
Lab Smp Id: PEMTA Client Smp ID: PEMTA
Inj Date : 20-JUL-2007 00:53
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMTA,PEMTA,,pem.sub,pem.spk,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 16 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.713	5.711	0.002	3364436	0.01848	0.018			
3 alpha-BHC					CAS #: 319-84-6			
7.717	7.719	-0.002	2876646	0.00923	0.0092			
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.794	8.794	0.000	2516025	0.00883	0.0088			
7 beta-BHC					CAS #: 319-85-7			
9.199	9.197	0.002	1027086	0.00900	0.0090			
13 4,4'-DDE					CAS #: 72-55-9			
14.372	14.370	0.002	88823	4e-004	0.00036			(a)
15 Endrin					CAS #: 72-20-8			
15.962	15.963	-0.001	10248380	0.05157	0.052			
16 4,4'-DDD					CAS #: 72-54-8			
16.884	16.870	0.014	11649	6e-005	0.000058			(a)

Data File: E5D6183F.D
Report Date: 20-Jul-2007 10:05

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
18 4,4'-DDT					CAS #: 50-29-3			
17.561	17.561	0.000	20909622	0.09137	0.091			
19 Endrin aldehyde					CAS #: 7421-93-4			
18.015	18.007	0.008	627639	0.00342	0.0034			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.855	18.856	-0.001	22156322	0.22373	0.22			
22 Endrin ketone					CAS #: 53494-70-5			
19.516	19.515	0.001	743569	0.00330	0.0033			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.811	21.810	0.001	4347449	0.01788	0.018			

QC Flag Legend

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

Data File: E5D6183R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6183R.D
Lab Smp Id: PEMTA Client Smp ID: PEMTA
Inj Date : 20-JUL-2007 00:53
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMTA,PEMTA,,pem.sub,pem.spk,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 16 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.906	7.903	0.003	1805075	0.01845	0.018			
4 alpha-BHC					CAS #: 319-84-6			
10.296	10.295	0.001	1574021	0.00916	0.0092			
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
11.535	11.536	-0.001	1392123	0.00880	0.0088			
8 beta-BHC					CAS #: 319-85-7			
11.952	11.953	-0.001	589648	0.00929	0.0093			
14 4,4'-DDE					CAS #: 72-55-9			
18.041	18.038	0.003	60790	5e-004	0.00046			(a)
16 Endrin					CAS #: 72-20-8			
18.882	18.885	-0.003	5407136	0.05023	0.050			
19 4,4'-DDT					CAS #: 50-29-3			
20.021	20.023	-0.002	10724311	0.09139	0.091			

7/20/07

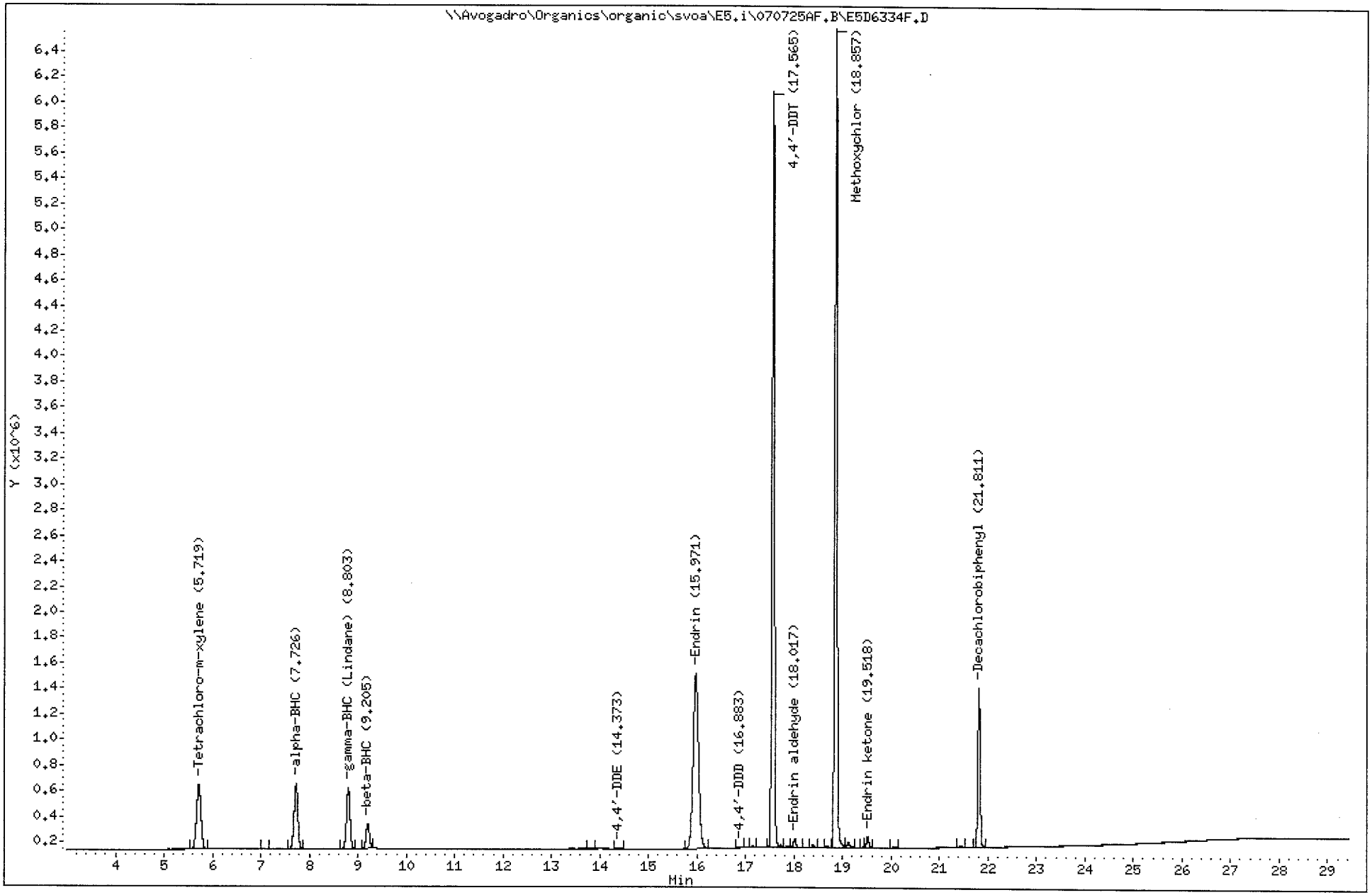
Data File: E5D6183R.D
Report Date: 20-Jul-2007 10:07

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
20 Endrin aldehyde					CAS #: 7421-93-4		
20.181	20.177	0.004	349444	0.00365	0.0037		(a)
22 Methoxychlor					CAS #: 72-43-5		
21.566	21.566	0.000	12522614	0.22573	0.23		
23 Endrin ketone					CAS #: 53494-70-5		
21.815	21.813	0.002	479356	0.00402	0.0040		(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.329	24.329	0.000	2189976	0.01811	0.018		

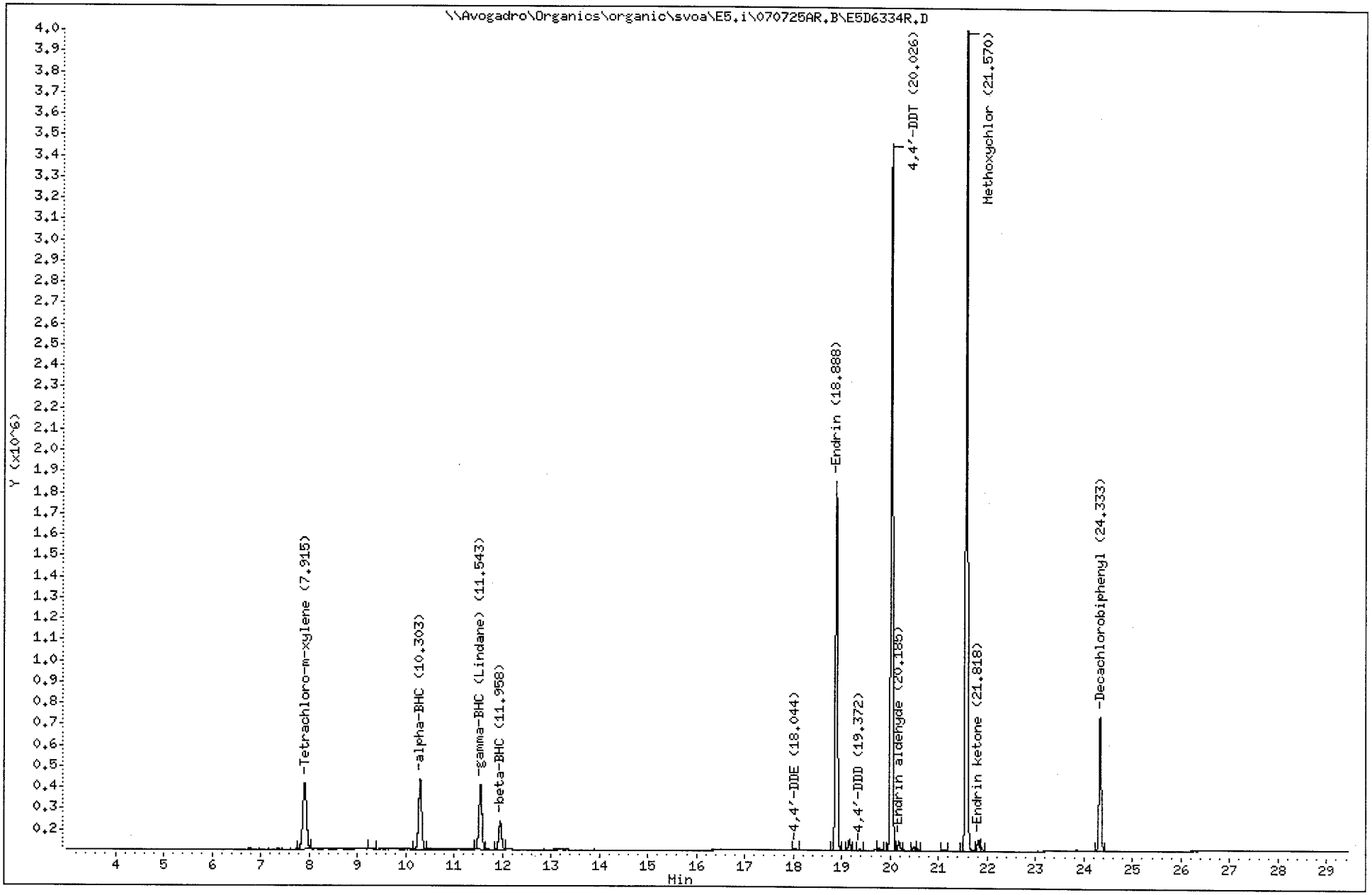
QC Flag Legend

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

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6334F.D
Date : 26-JUL-2007 22:04
Client ID: PEMTH
Instrument: E5.i
Sample Info: PEMTH,PEMTH,,pem.sub,pem.spk,,
Volume Injected (uL): 1.0
Operator: AW
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6334R.D
Date : 26-JUL-2007 22:04
Client ID: PEMTH
Instrument: E5.i
Sample Info: PEMTH,PEMTH,,pem.sub,pem.spk,,
Volume Injected (uL): 1.0
Operator: AW
Column phase: CLPPESTII
Column diameter: 0.53



9659

Data File: E5D6334F.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6334F.D
Lab Smp Id: PEMTH Client Smp ID: PEMTH
Inj Date : 26-JUL-2007 22:04
Operator : AW Inst ID: E5.i
Smp Info : PEMTH,PEMTH,,pem.sub,pem.spk,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\clp-e5f.m
Meth Date : 07-Aug-2007 17:01 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 30 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.719	5.711	0.008	3223398	0.01770	0.018			
3 alpha-BHC					CAS #: 319-84-6			
7.726	7.719	0.007	2752895	0.00883	0.0088			
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.803	8.794	0.009	2415806	0.00848	0.0085			
7 beta-BHC					CAS #: 319-85-7			
9.205	9.197	0.008	978756	0.00858	0.0086			
13 4,4'-DDE					CAS #: 72-55-9			
14.373	14.370	0.003	50906	2e-004	0.00021			(a)
15 Endrin					CAS #: 72-20-8			
15.971	15.963	0.008	10562006	0.05315	0.053			

8/09/07

Data File: E5D6334F.D
Report Date: 09-Aug-2007 13:08

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
16 4,4'-DDD					CAS #: 72-54-8			
16.882	16.870	0.012	38116	0.00019	0.00019			(a)
18 4,4'-DDT					CAS #: 50-29-3			
17.565	17.561	0.004	20059781	0.08765	0.088			
19 Endrin aldehyde					CAS #: 7421-93-4			
18.016	18.007	0.009	286142	0.00156	0.0016			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.857	18.856	0.001	21353012	0.21561	0.22			
22 Endrin ketone					CAS #: 53494-70-5			
19.517	19.515	0.002	300495	0.00133	0.0013			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.810	21.810	0.000	4118885	0.01694	0.017			

QC Flag Legend

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

L 8.9.07

Data File: E5D6334R.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6334R.D
Lab Smp Id: PEMTH Client Smp ID: PEMTH
Inj Date : 26-JUL-2007 22:04
Operator : AW Inst ID: E5.i
Smp Info : PEMTH,PEMTH,,pem.sub,pem.spk,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\clp-e5r.m
Meth Date : 07-Aug-2007 17:05 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 30 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
7.915	7.903	0.012	1683137	0.01720	0.017		
4 alpha-BHC					CAS #: 319-84-6		
10.303	10.295	0.008	1471086	0.00856	0.0086		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.543	11.536	0.007	1305648	0.00825	0.0083		
8 beta-BHC					CAS #: 319-85-7		
11.958	11.953	0.005	552312	0.00870	0.0087		
14 4,4'-DDE					CAS #: 72-55-9		
18.044	18.038	0.006	35768	3e-004	0.00027		(a)
16 Endrin					CAS #: 72-20-8		
18.888	18.885	0.003	5456515	0.05069	0.051		
17 4,4'-DDD					CAS #: 72-54-8		
19.371	19.368	0.003	27012	2e-004	0.00024		(a)

Data File: E5D6334R.D
Report Date: 09-Aug-2007 13:08

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
19 4,4'-DDT					CAS #: 50-29-3			
20.026	20.023	0.003	9916166	0.08451	0.085			
20 Endrin aldehyde					CAS #: 7421-93-4			
20.185	20.177	0.008	129659	0.00136	0.0014			(a)
22 Methoxychlor					CAS #: 72-43-5			
21.570	21.566	0.004	11571416	0.20859	0.21			
23 Endrin ketone					CAS #: 53494-70-5			
21.817	21.813	0.004	161109	0.00135	0.0014			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.332	24.329	0.003	2007936	0.01661	0.017			

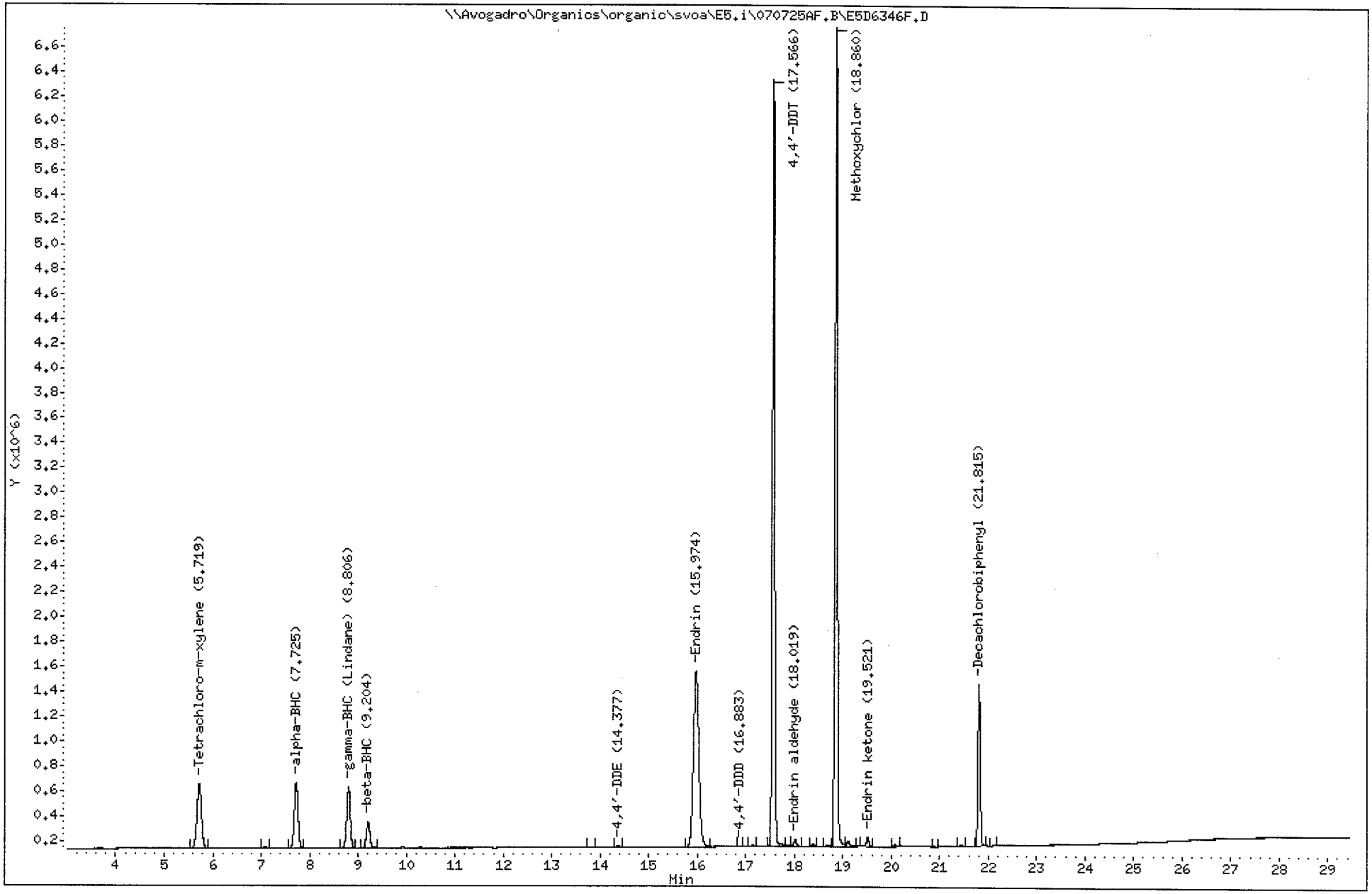
QC Flag Legend

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

8/10/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6346F.D
Date : 27-JUL-2007 10:58
Client ID: PEMTJ
Sample Info: PEMTJ,PEMTJ,,pem.sub,pem.spk,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

Instrument: E5.i
Operator: AW
Column diameter: 0.53



T250

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6346R.D

Date : 27-JUL-2007 10:58

Client ID: PEMTJ

Instrument: E5.i

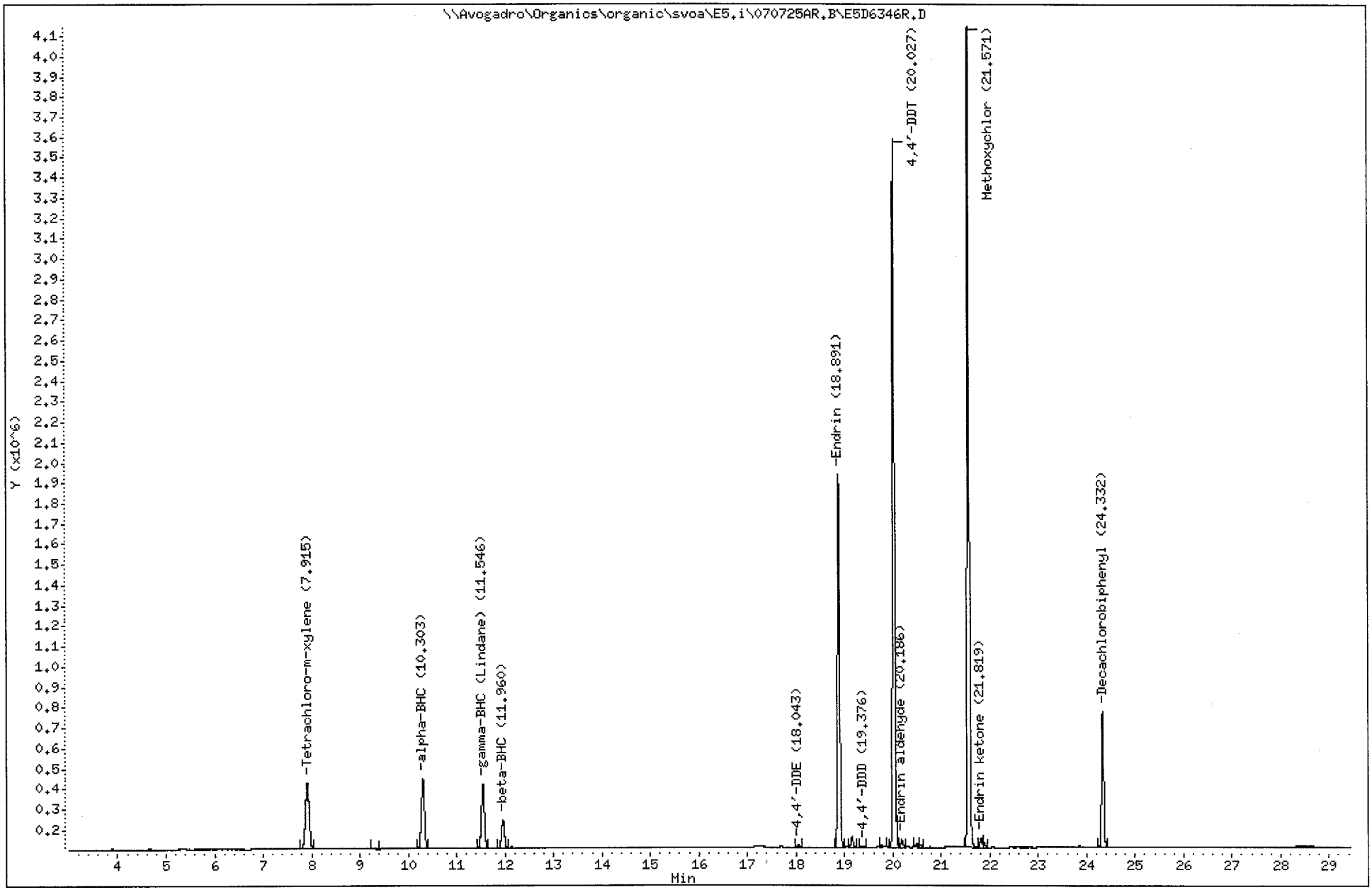
Sample Info: PEMTJ,PEMTJ,,pem.sub,pem.spk,,

Volume Injected (uL): 1.0

Operator: AW

Column phase: CLPPESTII

Column diameter: 0.53



Data File: E5D6346F.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6346F.D
Lab Smp Id: PEMTJ Client Smp ID: PEMTJ
Inj Date : 27-JUL-2007 10:58
Operator : AW Inst ID: E5.i
Smp Info : PEMTJ,PEMTJ,,pem.sub,pem.spk,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\clp-e5f.m
Meth Date : 07-Aug-2007 17:01 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 30 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.719	5.711	0.008	3309687	0.01818	0.018			
3 alpha-BHC					CAS #: 319-84-6			
7.725	7.719	0.006	2826774	0.00907	0.0091			
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.806	8.794	0.012	2480919	0.00871	0.0087			
7 beta-BHC					CAS #: 319-85-7			
9.204	9.197	0.007	1040712	0.00912	0.0091			
13 4,4'-DDE					CAS #: 72-55-9			
14.377	14.370	0.007	53071	2e-004	0.00022			(a)
15 Endrin					CAS #: 72-20-8			
15.974	15.963	0.011	11123134	0.05597	0.056			

8/09/07

Data File: E5D6346F.D
Report Date: 09-Aug-2007 13:08

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
16 4,4'-DDD					CAS #: 72-54-8			
16.883	16.870	0.013	24850	1e-004	0.00012			(a)
18 4,4'-DDT					CAS #: 50-29-3			
17.566	17.561	0.005	20917633	0.09140	0.091			
19 Endrin aldehyde					CAS #: 7421-93-4			
18.018	18.007	0.011	242976	0.00132	0.0013			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.860	18.856	0.004	22220910	0.22438	0.22			
22 Endrin ketone					CAS #: 53494-70-5			
19.520	19.515	0.005	282110	0.00125	0.0013			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.814	21.810	0.004	4298323	0.01768	0.018			

QC Flag Legend

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

Data File: E5D6346R.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6346R.D
Lab Smp Id: PEMTJ Client Smp ID: PEMTJ
Inj Date : 27-JUL-2007 10:58
Operator : AW Inst ID: E5.i
Smp Info : PEMTJ,PEMTJ,,pem.sub,pem.spk,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\clp-e5r.m
Meth Date : 07-Aug-2007 17:05 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 30 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.915	7.903	0.012	1725275	0.01763	0.018			
4 alpha-BHC					CAS #: 319-84-6			
10.303	10.295	0.008	1509251	0.00878	0.0088			
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
11.546	11.536	0.010	1341367	0.00848	0.0085			
8 beta-BHC					CAS #: 319-85-7			
11.960	11.953	0.007	575352	0.00906	0.0091			
14 4,4'-DDE					CAS #: 72-55-9			
18.043	18.038	0.005	34904	3e-004	0.00026			(a)
16 Endrin					CAS #: 72-20-8			
18.891	18.885	0.006	5704824	0.05299	0.053			
17 4,4'-DDD					CAS #: 72-54-8			
19.375	19.368	0.007	25327	2e-004	0.00023			(a)

8/9/07

Data File: E5D6346R.D
Report Date: 09-Aug-2007 13:08

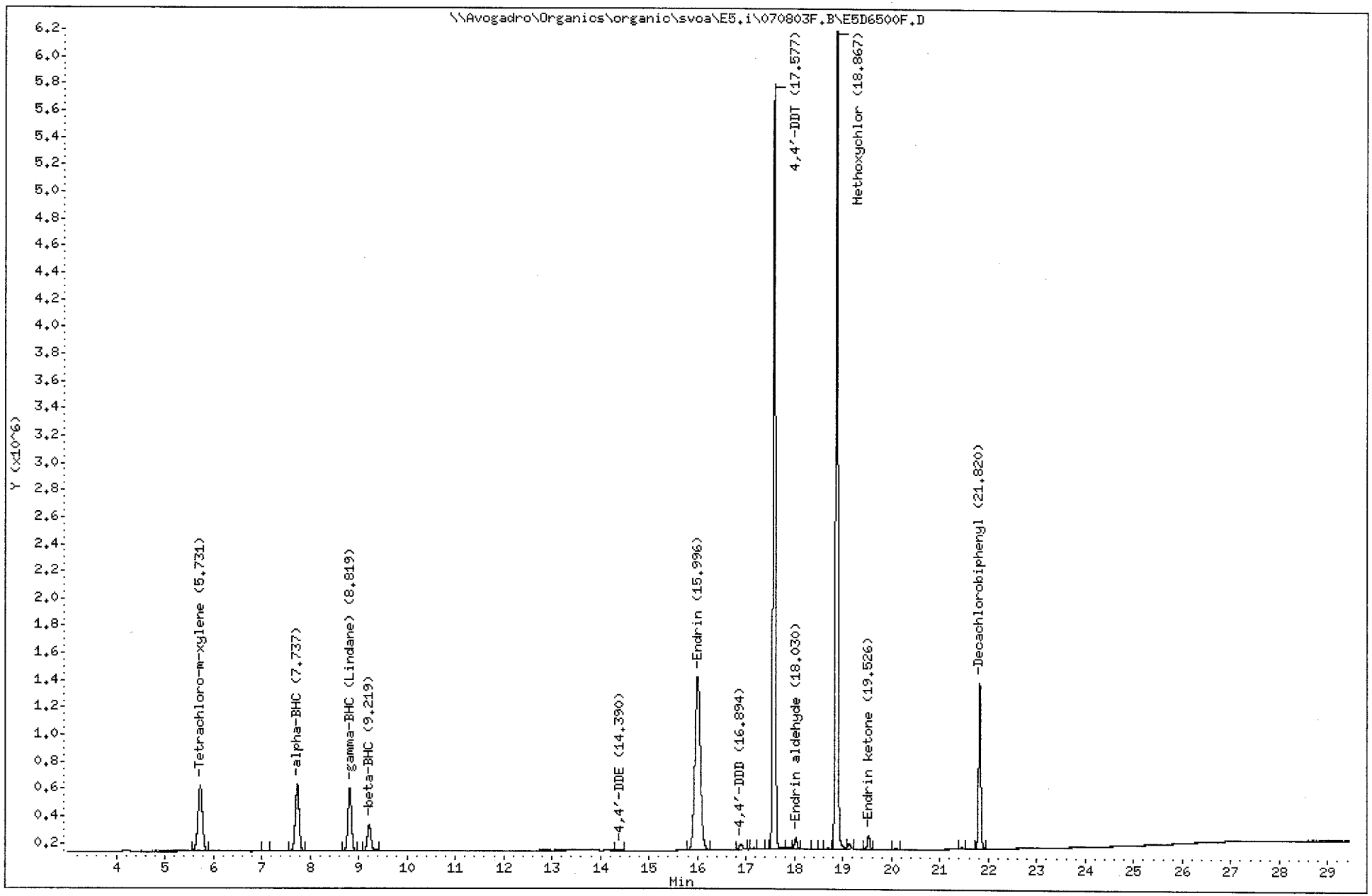
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
19 4,4'-DDT					CAS #: 50-29-3			
20.027	20.023	0.004	10287670	0.08767	0.088			
20 Endrin aldehyde					CAS #: 7421-93-4			
20.186	20.177	0.009	106759	0.00112	0.0011			(a)
22 Methoxychlor					CAS #: 72-43-5			
21.571	21.566	0.005	12029586	0.21684	0.22			
23 Endrin ketone					CAS #: 53494-70-5			
21.818	21.813	0.005	147055	0.00123	0.0012			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.332	24.329	0.003	2077801	0.01718	0.017			

QC Flag Legend

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

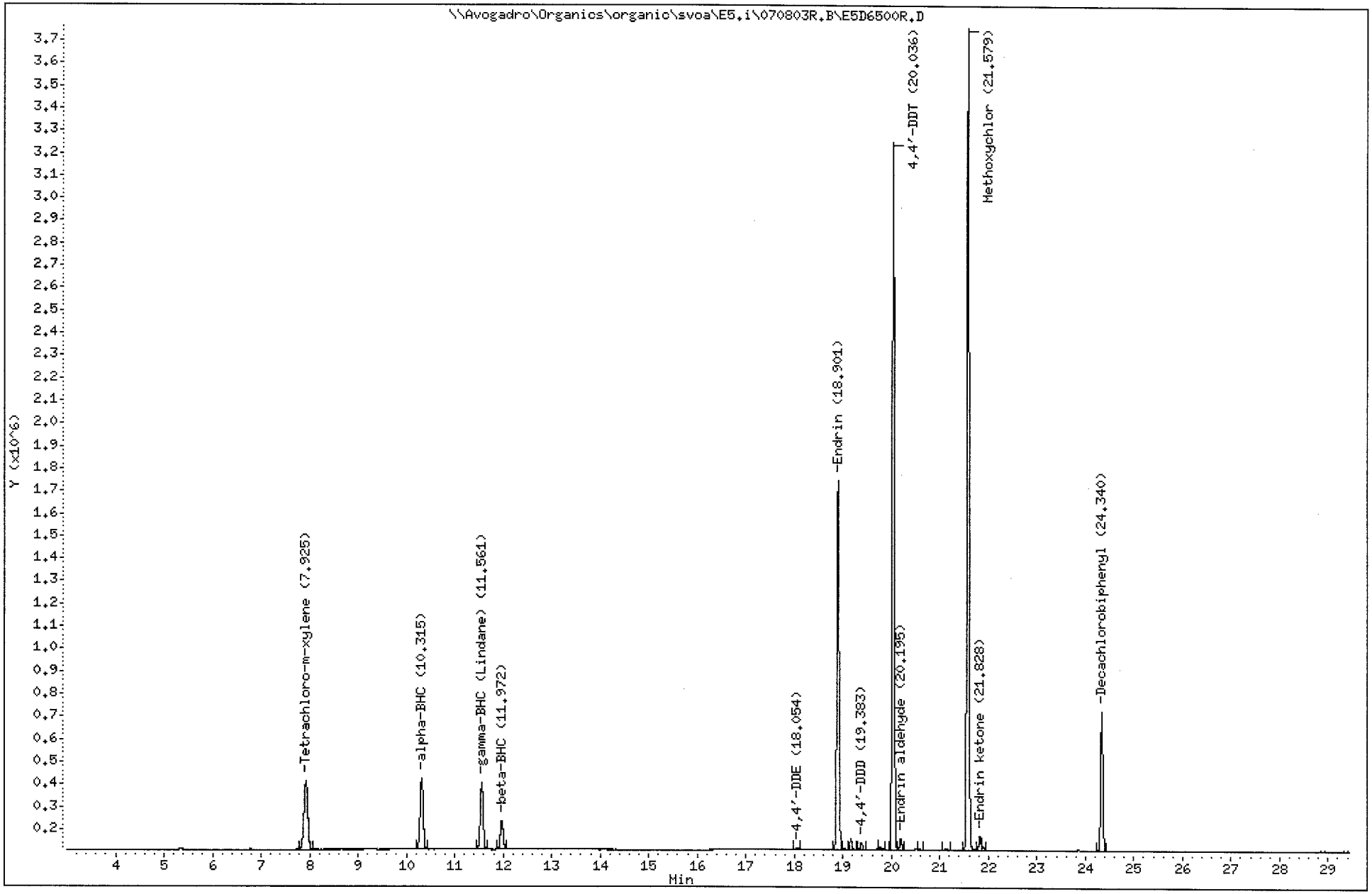
8/9/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6500F.D
Date : 03-AUG-2007 13:46
Client ID: PEMUP
Instrument: E5.i
Sample Info: PEMUP,PEMUP,,pem.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



1259

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6500R.D
Date : 03-AUG-2007 13:46
Client ID: PEMUP
Instrument: E5.i
Sample Info: PEMUP,PEMUP,,pem.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



3259

Data File: E5D6500F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6500F.D
Lab Smp Id: PEMUP Client Smp ID: PEMUP
Inj Date : 03-AUG-2007 13:46
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMUP,PEMUP,,pem.sub,,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.731	5.711	0.020	3095619	0.01700	0.017			
3 alpha-BHC					CAS #: 319-84-6			
7.737	7.719	0.018	2654668	0.00851	0.0085			
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.818	8.794	0.024	2324997	0.00816	0.0082			
7 beta-BHC					CAS #: 319-85-7			
9.218	9.197	0.021	972247	0.00852	0.0085			
13 4,4'-DDE					CAS #: 72-55-9			
14.390	14.370	0.020	51568	0.00021	0.00021			(a)
15 Endrin					CAS #: 72-20-8			
15.996	15.963	0.033	10022513	0.05043	0.050			
16 4,4'-DDD					CAS #: 72-54-8			
16.893	16.870	0.023	181467	9e-004	0.00091			(a)

8/9/07

Data File: E5D6500F.D
Report Date: 09-Aug-2007 13:25

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
18 4,4'-DDT					CAS #: 50-29-3		
17.577	17.561	0.016	18880626	0.08250	0.083		
19 Endrin aldehyde					CAS #: 7421-93-4		
18.029	18.007	0.022	282756	0.00154	0.0015		(a)
21 Methoxychlor					CAS #: 72-43-5		
18.867	18.856	0.011	20205841	0.20403	0.20		
22 Endrin ketone					CAS #: 53494-70-5		
19.526	19.515	0.011	358410	0.00159	0.0016		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.820	21.810	0.010	4014012	0.01651	0.017		

QC Flag Legend

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

8/9/07

Data File: E5D6500R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6500R.D
Lab Smp Id: PEMUP Client Smp ID: PEMUP
Inj Date : 03-AUG-2007 13:46
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMUP,PEMUP,,pem.sub,,
Misc Info : 3,,PEM,1,,1000
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
7.924	7.903	0.021	1621688	0.01658	0.017		
4 alpha-BHC					CAS #: 319-84-6		
10.315	10.295	0.020	1410228	0.00821	0.0082		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.561	11.536	0.025	1251532	0.00791	0.0079		
8 beta-BHC					CAS #: 319-85-7		
11.972	11.953	0.019	533284	0.00840	0.0084		
14 4,4'-DDE					CAS #: 72-55-9		
18.053	18.038	0.015	33441	3e-004	0.00025		(a)
16 Endrin					CAS #: 72-20-8		
18.901	18.885	0.016	5124608	0.04760	0.048		
17 4,4'-DDD					CAS #: 72-54-8		
19.382	19.368	0.014	105875	1e-003	0.00096		(a)

XO 8/09/07

Data File: E5D6500R.D
Report Date: 09-Aug-2007 13:28

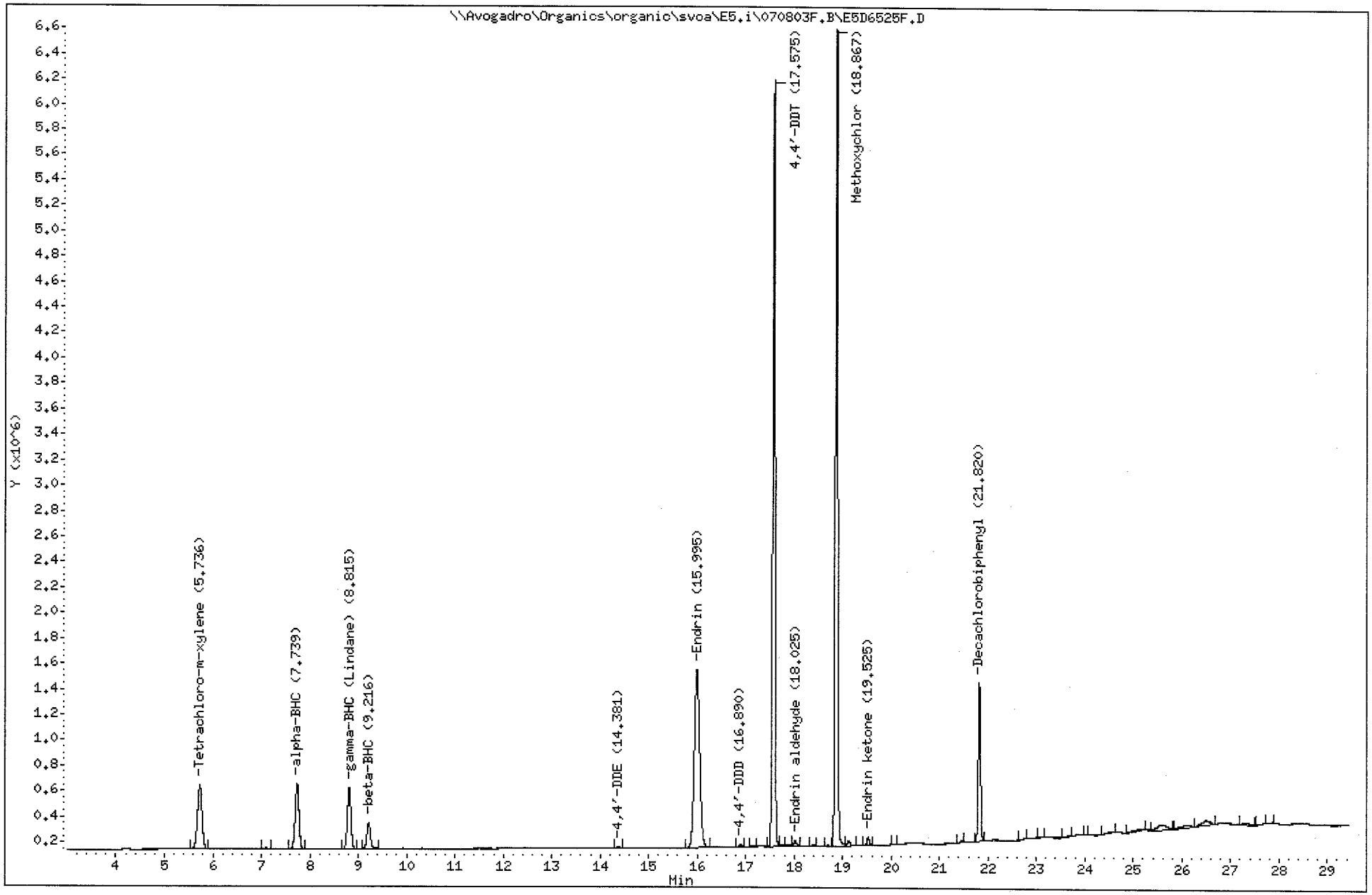
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
19 4,4'-DDT					CAS #: 50-29-3			
20.036	20.023	0.013	9275608	0.07905	0.079			
20 Endrin aldehyde					CAS #: 7421-93-4			
20.195	20.177	0.018	156756	0.00164	0.0016			(a)
22 Methoxychlor					CAS #: 72-43-5			
21.578	21.566	0.012	10841219	0.19542	0.20			
23 Endrin ketone					CAS #: 53494-70-5			
21.827	21.813	0.014	199104	0.00167	0.0017			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.340	24.329	0.011	1928242	0.01595	0.016			

QC Flag Legend

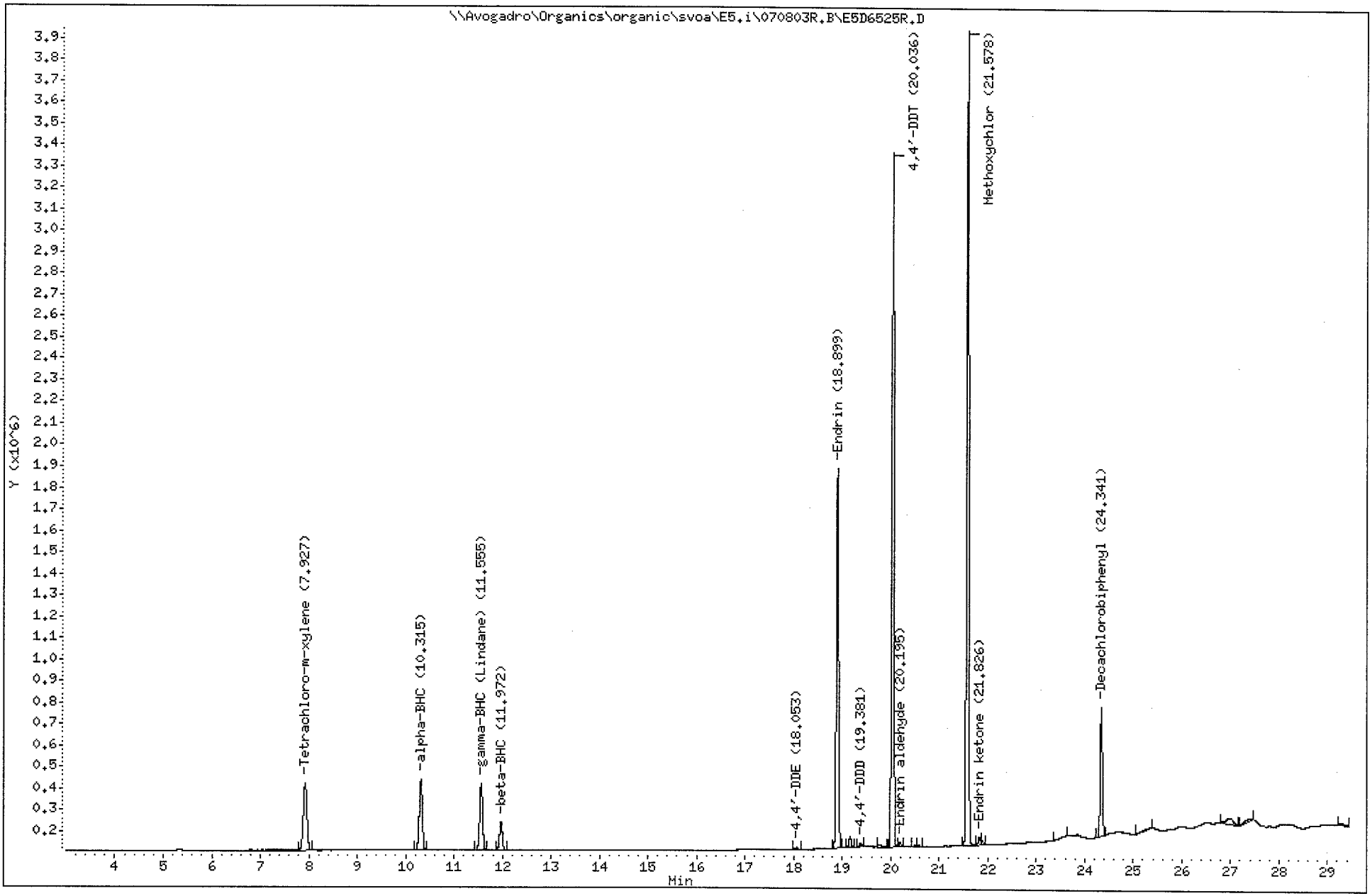
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

8/9/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6525F.D
Date : 04-AUG-2007 03:33
Client ID: PEMUR
Instrument: E5.i
Sample Info: PEMUR,PEMUR,,pem,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\070803R.B\E5D6525R.D
Date : 04-AUG-2007 03:33
Client ID: PEMUR
Instrument: E5.i
Sample Info: PEMUR,PEMUR,,pem.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6525F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6525F.D
Lab Smp Id: PEMUR Client Smp ID: PEMUR
Inj Date : 04-AUG-2007 03:33
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMUR,PEMUR,,pem.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 19 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

			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		
5.736	5.711	0.025	3209110	0.01762	0.018		
3 alpha-BHC					CAS #: 319-84-6		
7.738	7.719	0.019	2745215	0.00880	0.0088		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.815	8.794	0.021	2405338	0.00844	0.0084		
7 beta-BHC					CAS #: 319-85-7		
9.216	9.197	0.019	1010607	0.00886	0.0089		
13 4,4'-DDE					CAS #: 72-55-9		
14.381	14.370	0.011	46193	2e-004	0.00019		(a)
15 Endrin					CAS #: 72-20-8		
15.995	15.963	0.032	10803305	0.05436	0.054		
16 4,4'-DDD					CAS #: 72-54-8		
16.890	16.870	0.020	83685	4e-004	0.00042		(a)

8/9/07

Data File: E5D6525F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
18 4,4'-DDT					CAS #: 50-29-3			
17.575	17.561	0.014	19936937	0.08712	0.087			
19 Endrin aldehyde					CAS #: 7421-93-4			
18.024	18.007	0.017	151466	8e-004	0.00083			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.867	18.856	0.011	21482206	0.21692	0.22			
22 Endrin ketone					CAS #: 53494-70-5			
19.525	19.515	0.010	226116	0.00100	0.0010			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.820	21.810	0.010	4004448	0.01647	0.016			

QC Flag Legend

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

8/09/07

Data File: E5D6525R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6525R.D
Lab Smp Id: PEMUR Client Smp ID: PEMUR
Inj Date : 04-AUG-2007 03:33
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMUR,PEMUR,,pem.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 19 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
7.927	7.903	0.024	1666894	0.01704	0.017			
4 alpha-BHC						CAS #: 319-84-6		
10.315	10.295	0.020	1455508	0.00847	0.0085			
5 gamma-BHC (Lindane)						CAS #: 58-89-9		
11.555	11.536	0.019	1291336	0.00816	0.0082			
8 beta-BHC						CAS #: 319-85-7		
11.972	11.953	0.019	549831	0.00866	0.0087			
14 4,4'-DDE						CAS #: 72-55-9		
18.052	18.038	0.014	29756	2e-004	0.00022			(a)
16 Endrin						CAS #: 72-20-8		
18.898	18.885	0.013	5452268	0.05065	0.051			
17 4,4'-DDD						CAS #: 72-54-8		
19.381	19.368	0.013	48779	4e-004	0.00044			(a)

8/9/07

Data File: E5D6525R.D
Report Date: 09-Aug-2007 13:28

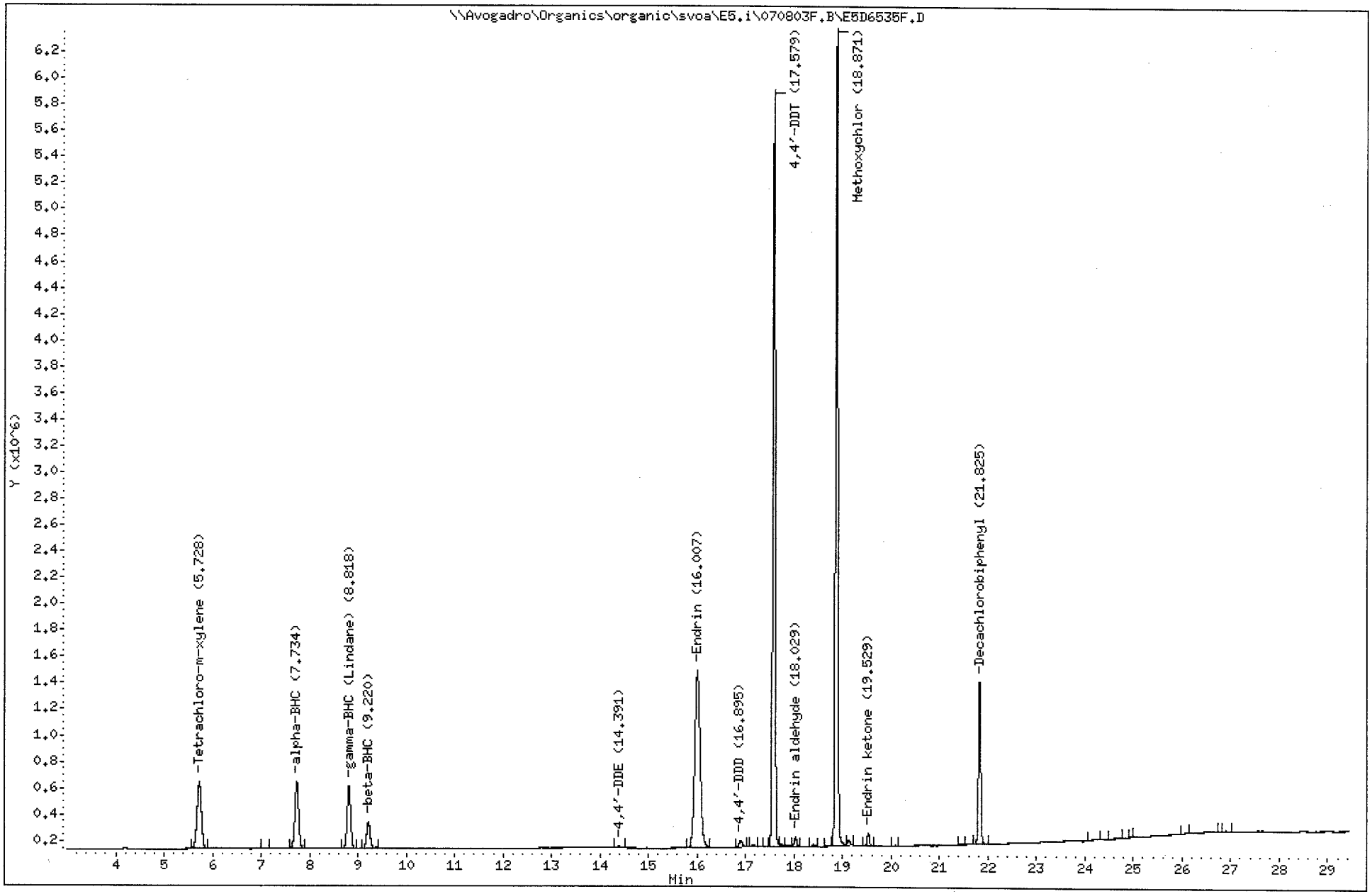
				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
19 4,4'-DDT					CAS #: 50-29-3		
20.036	20.023	0.013	9615438	0.08194	0.082		
20 Endrin aldehyde					CAS #: 7421-93-4		
20.195	20.177	0.018	71519	7e-004	0.00075		(a)
22 Methoxychlor					CAS #: 72-43-5		
21.577	21.566	0.011	11261254	0.20299	0.20		
23 Endrin ketone					CAS #: 53494-70-5		
21.826	21.813	0.013	123368	0.00103	0.0010		(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.341	24.329	0.012	1825031	0.01509	0.015		

QC Flag Legend

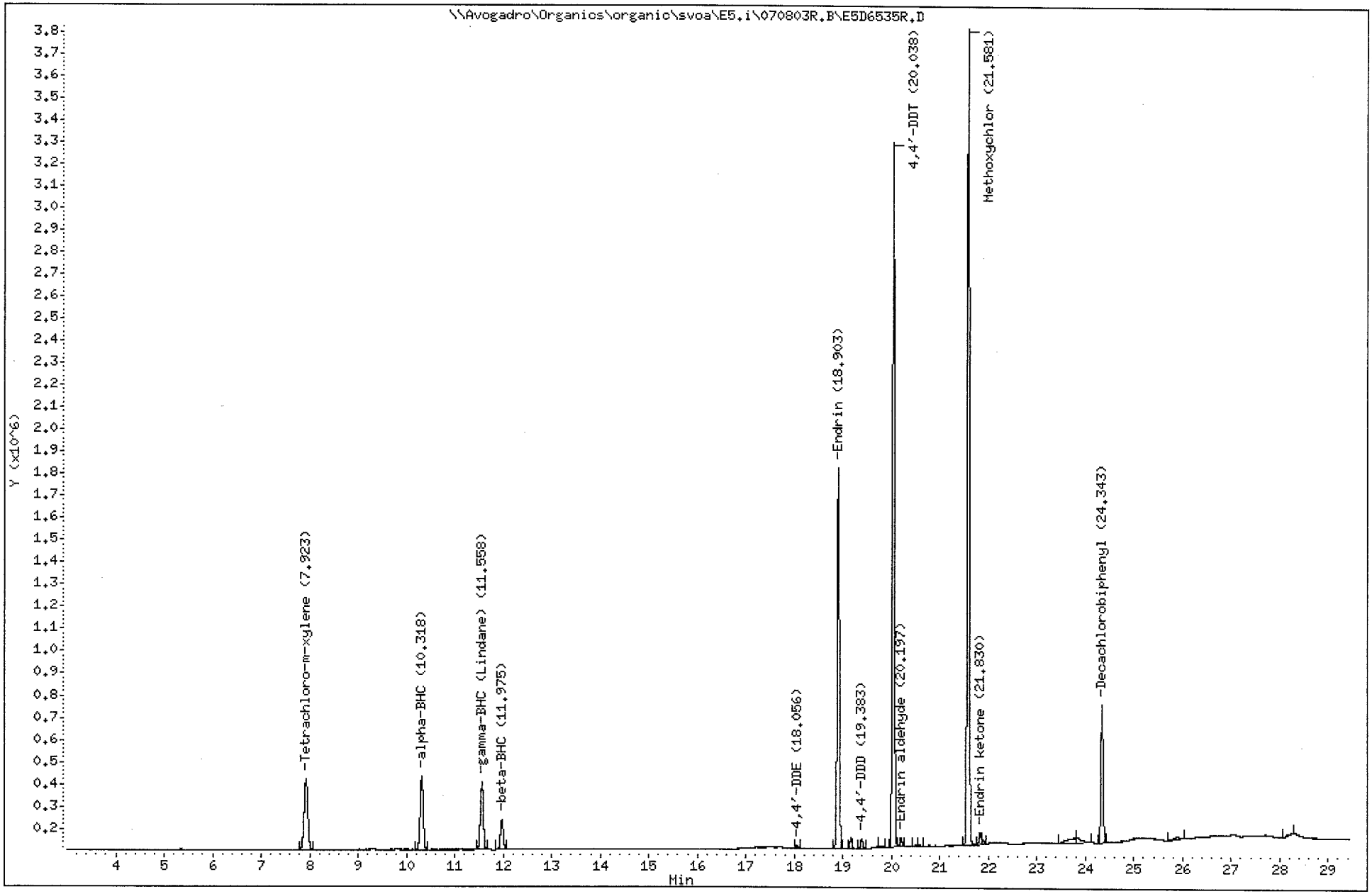
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

8/09/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6535F.D
Date : 04-AUG-2007 17:54
Client ID: PEMUT
Instrument: E5.i
Sample Info: PEMUT,PEMUT,,pem,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\070803R.B\E5D6535R.D
Date : 04-AUG-2007 17:54
Client ID: PEMUT
Instrument: E5.i
Sample Info: PEMUT,PEMUT,,pem,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6535F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6535F.D
Lab Smp Id: PEMUT Client Smp ID: PEMUT
Inj Date : 04-AUG-2007 17:54
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMUT,PEMUT,,pem.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 26 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.727	5.711	0.016	3174952	0.01744	0.017			
3 alpha-BHC					CAS #: 319-84-6			
7.734	7.719	0.015	2723371	0.00873	0.0087			
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.817	8.794	0.023	2388013	0.00838	0.0084			
7 beta-BHC					CAS #: 319-85-7			
9.220	9.197	0.023	998224	0.00875	0.0088			
13 4,4'-DDE					CAS #: 72-55-9			
14.390	14.370	0.020	56512	0.00023	0.00023			(a)
15 Endrin					CAS #: 72-20-8			
16.006	15.963	0.043	10413162	0.05240	0.052			
16 4,4'-DDD					CAS #: 72-54-8			
16.895	16.870	0.025	221650	0.00111	0.0011			(a)

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Data File: E5D6535F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
18 4,4'-DDT					CAS #: 50-29-3			
17.579	17.561	0.018	19222207	0.08399	0.084			
19 Endrin aldehyde					CAS #: 7421-93-4			
18.029	18.007	0.022	232779	0.00127	0.0013			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.870	18.856	0.014	20613362	0.20815	0.21			
22 Endrin ketone					CAS #: 53494-70-5			
19.529	19.515	0.014	327579	0.00145	0.0015			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.825	21.810	0.015	4055672	0.01668	0.017			

QC Flag Legend

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

8/9/07

Data File: E5D6535R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6535R.D
Lab Smp Id: PEMUT Client Smp ID: PEMUT
Inj Date : 04-AUG-2007 17:54
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PEMUT,PEMUT,,pem.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 26 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.923	7.903	0.020	1658442	0.01695	0.017			
4 alpha-BHC					CAS #: 319-84-6			
10.317	10.295	0.022	1449073	0.00843	0.0084			
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
11.558	11.536	0.022	1286896	0.00813	0.0081			
8 beta-BHC					CAS #: 319-85-7			
11.975	11.953	0.022	548906	0.00865	0.0086			
14 4,4'-DDE					CAS #: 72-55-9			
18.055	18.038	0.017	31855	0.00024	0.00024			(a)
16 Endrin					CAS #: 72-20-8			
18.903	18.885	0.018	5281257	0.04906	0.049			
17 4,4'-DDD					CAS #: 72-54-8			
19.383	19.368	0.015	125431	0.00113	0.0011			(a)

8/9/07

Data File: E5D6535R.D
Report Date: 09-Aug-2007 13:28

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
19 4,4'-DDT					CAS #: 50-29-3			
20.038	20.023	0.015	9393994	0.08006	0.080			
20 Endrin aldehyde					CAS #: 7421-93-4			
20.196	20.177	0.019	126335	0.00132	0.0013			(a)
22 Methoxychlor					CAS #: 72-43-5			
21.580	21.566	0.014	10936523	0.19714	0.20			
23 Endrin ketone					CAS #: 53494-70-5			
21.830	21.813	0.017	153431	0.00129	0.0013			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.343	24.329	0.014	1884819	0.01559	0.016			

QC Flag Legend

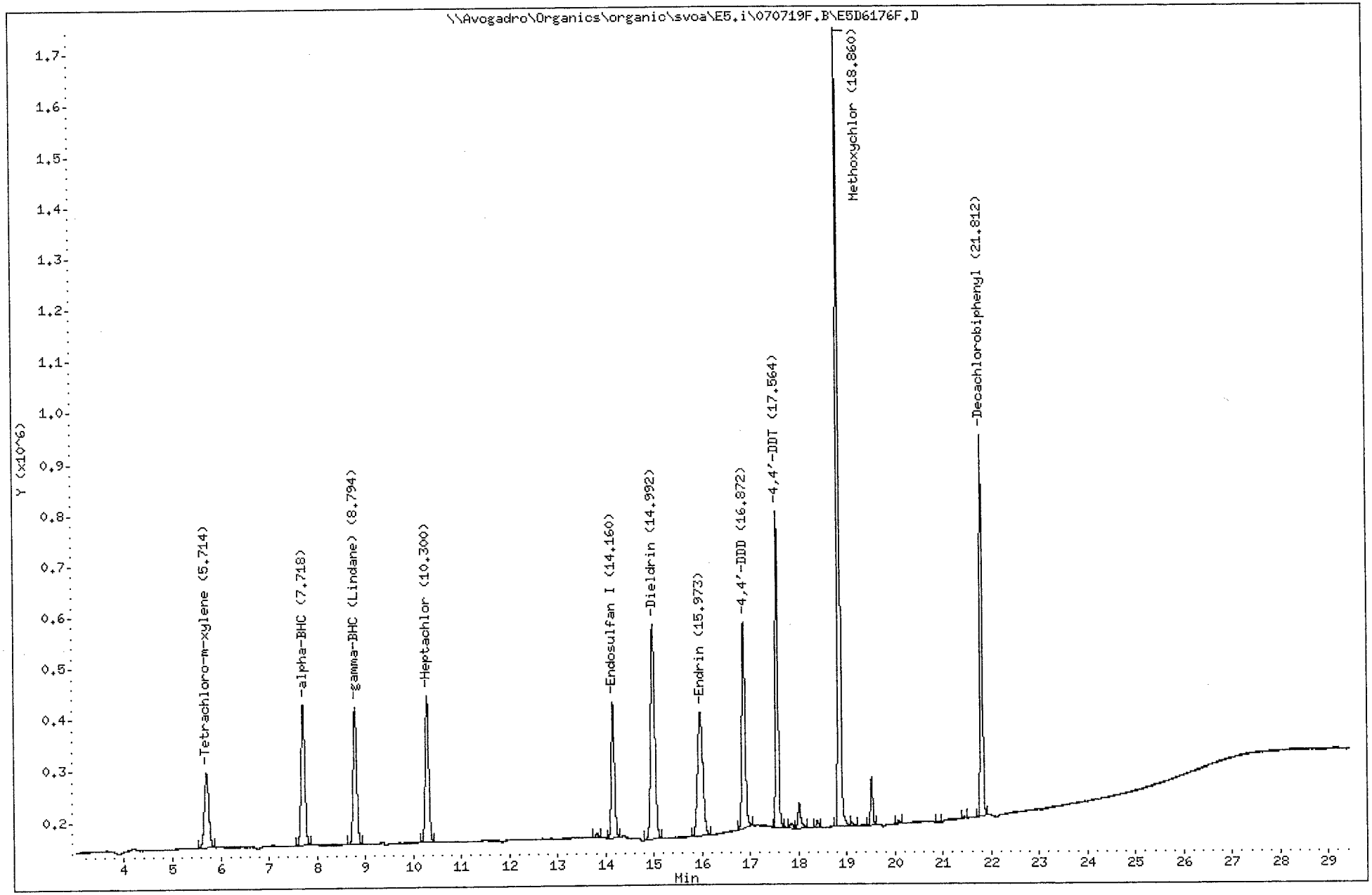
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

KO 8/09/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6176F.D
Date : 19-JUL-2007 21:01
Client ID: INDALT5
Sample Info: INDALT5,INDALT5,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

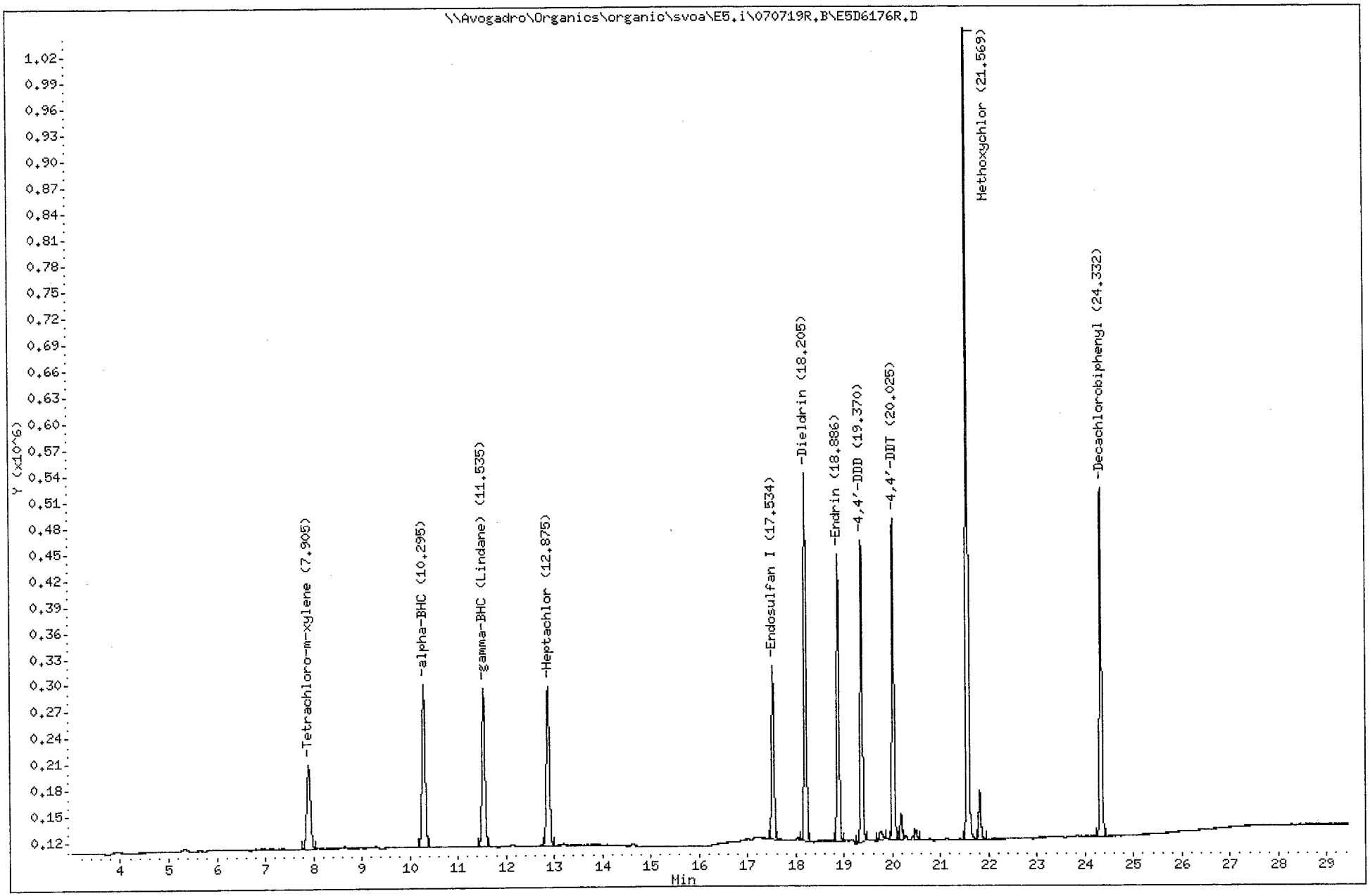
Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6176R.D
Date : 19-JUL-2007 21:01
Client ID: INDALT5
Sample Info: INDALT5,INDALT5,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



3168

Data File: E5D6176F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6176F.D
Lab Smp Id: INDALT5 Client Smp ID: INDALT5
Inj Date : 19-JUL-2007 21:01
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDALT5,INDALT5,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 21:01 Cal File: E5D6176F.D
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.713	5.711	0.002	934965	0.00500	0.0051			(a)
3 alpha-BHC					CAS #: 319-84-6			
7.717	7.719	-0.002	1479821	0.00500	0.0047			(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.793	8.794	-0.001	1368913	0.00500	0.0048			(a)
5 Heptachlor					CAS #: 76-44-8			
10.300	10.297	0.003	1441344	0.00500	0.0049			(a)
10 Endosulfan I					CAS #: 959-98-8			
14.160	14.158	0.002	1202773	0.00500	0.0050			(a)
14 Dieldrin					CAS #: 60-57-1			
14.992	14.986	0.006	2458832	0.01000	0.0094			(a)
15 Endrin					CAS #: 72-20-8			
15.972	15.963	0.009	1879012	0.01000	0.0095			(a)

fb
7/20/07

Data File: E5D6176F.D
Report Date: 20-Jul-2007 10:05

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
16 4,4'-DDD					CAS #: 72-54-8			
16.872	16.870	0.002	1858348	0.01000	0.0093			(a)
18 4,4'-DDT					CAS #: 50-29-3			
17.563	17.561	0.002	2139386	0.01000	0.0093			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.860	18.856	0.004	5255329	0.05000	0.053			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.812	21.810	0.002	2466977	0.01000	0.010			(a)

QC Flag Legend

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

7/20/07

Data File: E5D6176R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6176R.D
Lab Smp Id: INDALT5 Client Smp ID: INDALT5
Inj Date : 19-JUL-2007 21:01
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDALT5,INDALT5,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 10 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.905	7.903	0.002	505012	0.00500	0.0052			(a)
4 alpha-BHC					CAS #: 319-84-6			
10.295	10.295	0.000	821819	0.00500	0.0048			(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
11.535	11.536	-0.001	768722	0.00500	0.0049			(a)
6 Heptachlor					CAS #: 76-44-8			
12.875	12.875	0.000	805693	0.00500	0.0051			(a)
11 Endosulfan I					CAS #: 959-98-8			
17.533	17.530	0.003	670901	0.00500	0.0051			(a)
15 Dieldrin					CAS #: 60-57-1			
18.205	18.203	0.002	1370684	0.01000	0.0097			(a)
16 Endrin					CAS #: 72-20-8			
18.886	18.885	0.001	1045144	0.01000	0.0097			(a)

Data File: E5D6176R.D
Report Date: 20-Jul-2007 10:07

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
17 4,4'-DDD					CAS #: 72-54-8			
19.370	19.368	0.002	1082794	0.01000	0.0098			(a)
19 4,4'-DDT					CAS #: 50-29-3			
20.025	20.023	0.002	1128440	0.01000	0.0096			(a)
22 Methoxychlor					CAS #: 72-43-5			
21.568	21.566	0.002	2846278	0.05000	0.051			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.332	24.329	0.003	1258125	0.01000	0.010			(a)

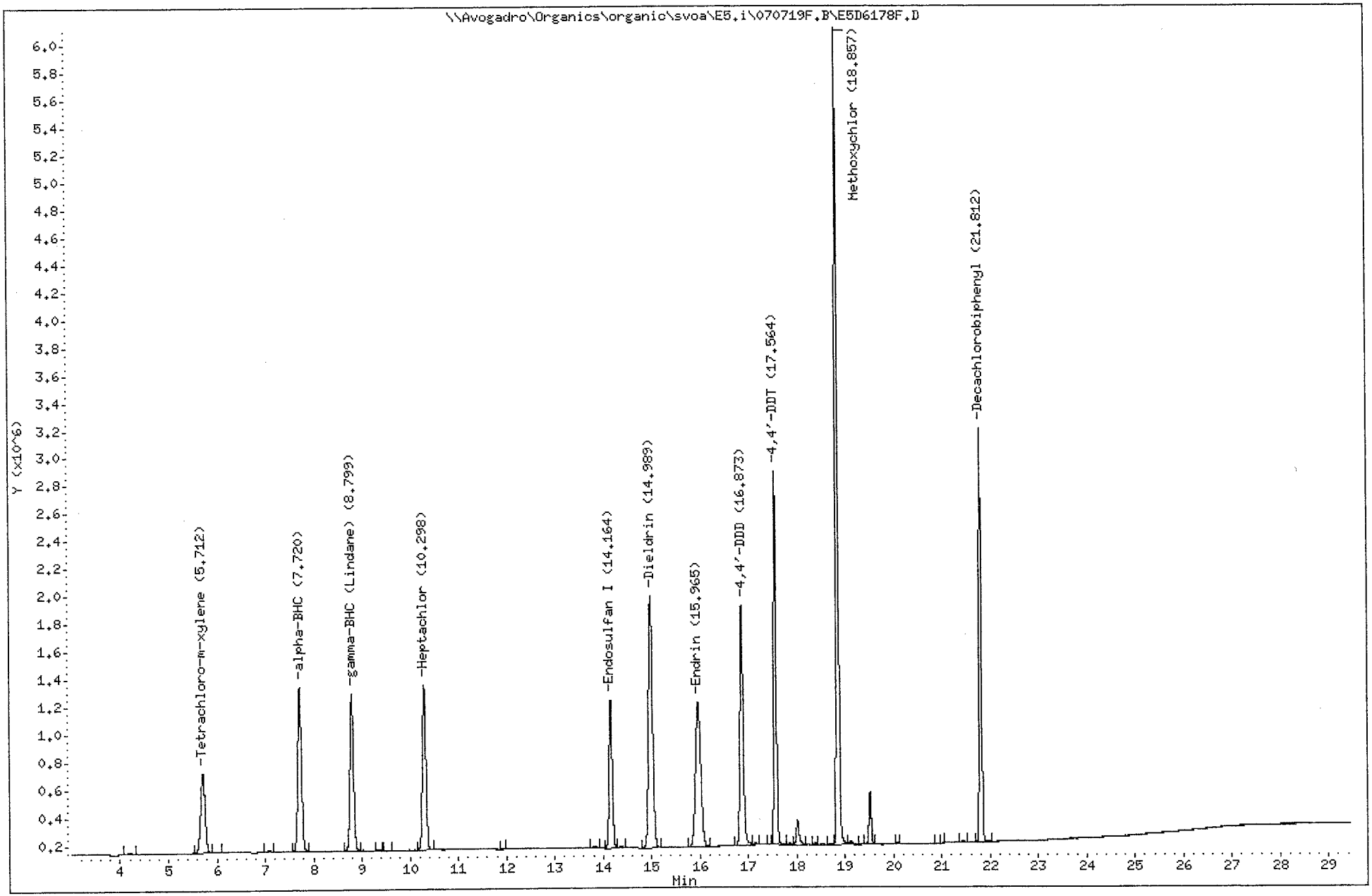
QC Flag Legend

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

7/20/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6178F.D
Date : 19-JUL-2007 22:08
Client ID: INDAMT5
Sample Info: INDAMT5,INDAMT5,,inda,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

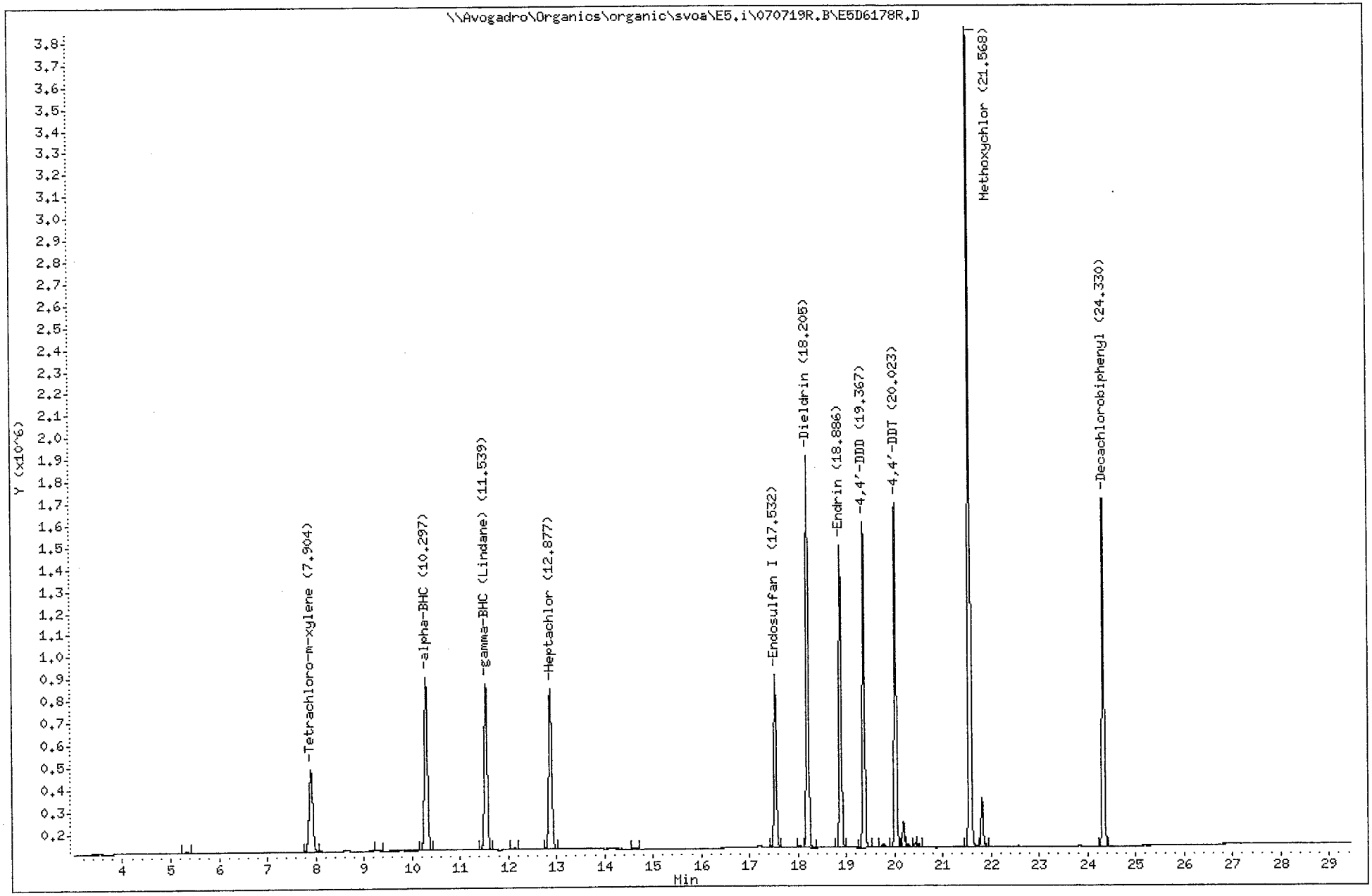
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



TSCG

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6178R.D
Date : 19-JUL-2007 22:08
Client ID: INDAMT5
Sample Info: INDAMT5,INDAMT5,,inda.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5D6178F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6178F.D
Lab Smp Id: INDAMT5 Client Smp ID: INDAMT5
Inj Date : 19-JUL-2007 22:08
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMT5,INDAMT5,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 22:08 Cal File: E5D6178F.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.711	5.711	0.000	3641978	0.02000	0.020		(a)
3 alpha-BHC					CAS #: 319-84-6		
7.719	7.719	0.000	6236030	0.02000	0.020		(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.799	8.794	0.005	5696912	0.02000	0.020		(a)
5 Heptachlor					CAS #: 76-44-8		
10.298	10.297	0.001	5872316	0.02000	0.020		(a)
10 Endosulfan I					CAS #: 959-98-8		
14.164	14.158	0.006	4829527	0.02000	0.020		(a)
14 Dieldrin					CAS #: 60-57-1		
14.989	14.986	0.003	10438818	0.04000	0.040		(a)
15 Endrin					CAS #: 72-20-8		
15.964	15.963	0.001	7949277	0.04000	0.040		(a)

7/20/07

Data File: E5D6178F.D
Report Date: 20-Jul-2007 10:05

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
16 4,4'-DDD					CAS #: 72-54-8			
16.873	16.870	0.003	8006754	0.04000	0.040			(a)
18 4,4'-DDT					CAS #: 50-29-3			
17.564	17.561	0.003	9154050	0.04000	0.040			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.856	18.856	0.000	19806613	0.20000	0.20			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.811	21.810	0.001	9725674	0.04000	0.040			(a)

QC Flag Legend

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

7/20/07

Data File: E5D6178R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6178R.D
Lab Smp Id: INDAMT5 Client Smp ID: INDAMT5
Inj Date : 19-JUL-2007 22:08
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMT5,INDAMT5,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

	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			
	7.904	7.903	0.001	1956706	0.02000	0.020			(a)
4 alpha-BHC						CAS #: 319-84-6			
	10.297	10.295	0.002	3436965	0.02000	0.020			(a)
5 gamma-BHC (Lindane)						CAS #: 58-89-9			
	11.539	11.536	0.003	3163977	0.02000	0.020			(a)
6 Heptachlor						CAS #: 76-44-8			
	12.877	12.875	0.002	3189059	0.02000	0.020			(a)
11 Endosulfan I						CAS #: 959-98-8			
	17.532	17.530	0.002	2614452	0.02000	0.020			(a)
15 Dieldrin						CAS #: 60-57-1			
	18.204	18.203	0.001	5681229	0.04000	0.040			(a)
16 Endrin						CAS #: 72-20-8			
	18.885	18.885	0.000	4306184	0.04000	0.040			(a)

7/20/07

Data File: E5D6178R.D
Report Date: 20-Jul-2007 10:07

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
17 4,4'-DDD					CAS #: 72-54-8			
19.367	19.368	-0.001	4424448	0.04000	0.040			(a)
19 4,4'-DDT					CAS #: 50-29-3			
20.023	20.023	0.000	4693716	0.04000	0.040			(a)
22 Methoxychlor					CAS #: 72-43-5			
21.568	21.566	0.002	11095110	0.20000	0.20			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.329	24.329	0.000	4836871	0.04000	0.040			(a)

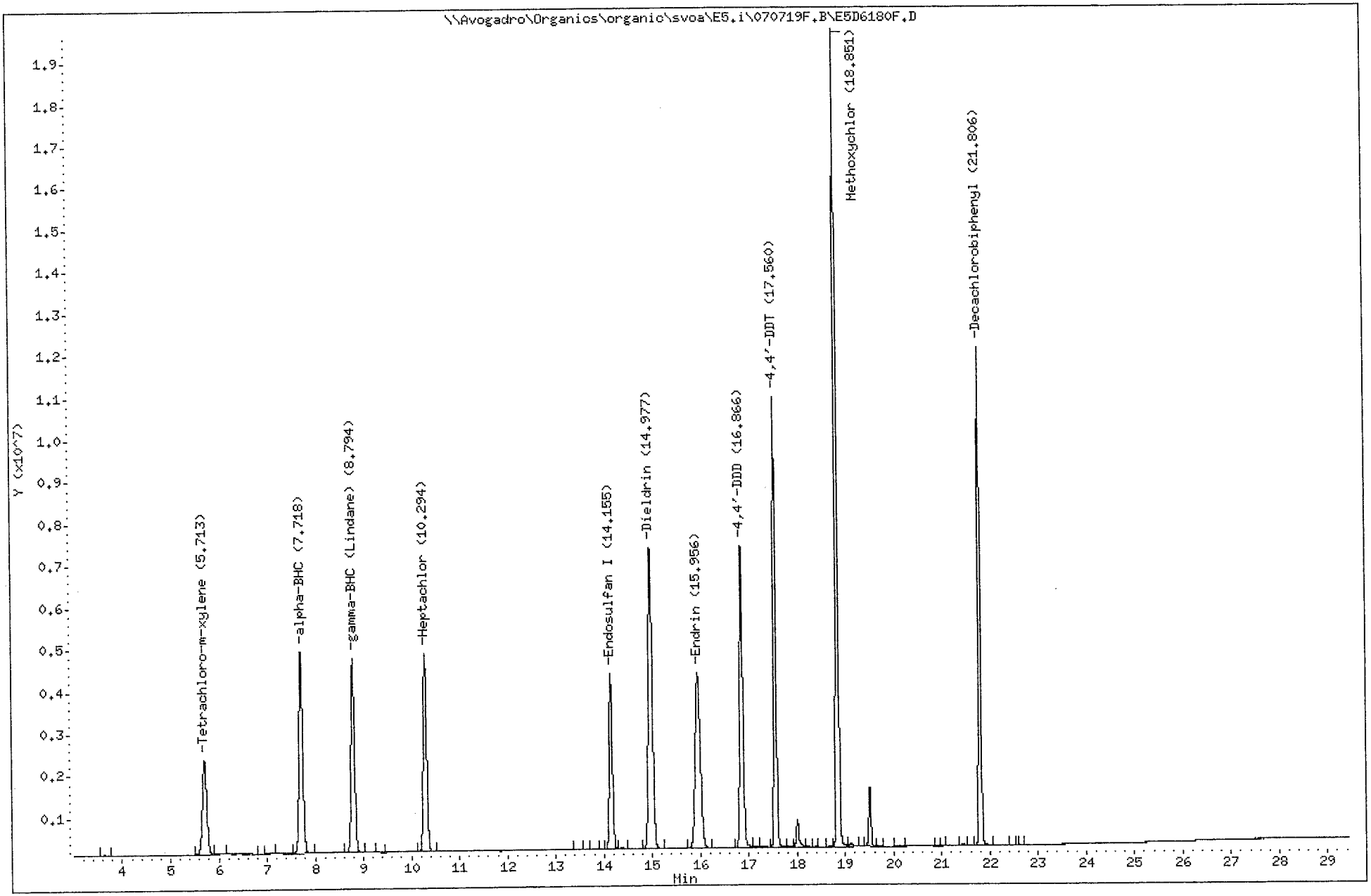
QC Flag Legend

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

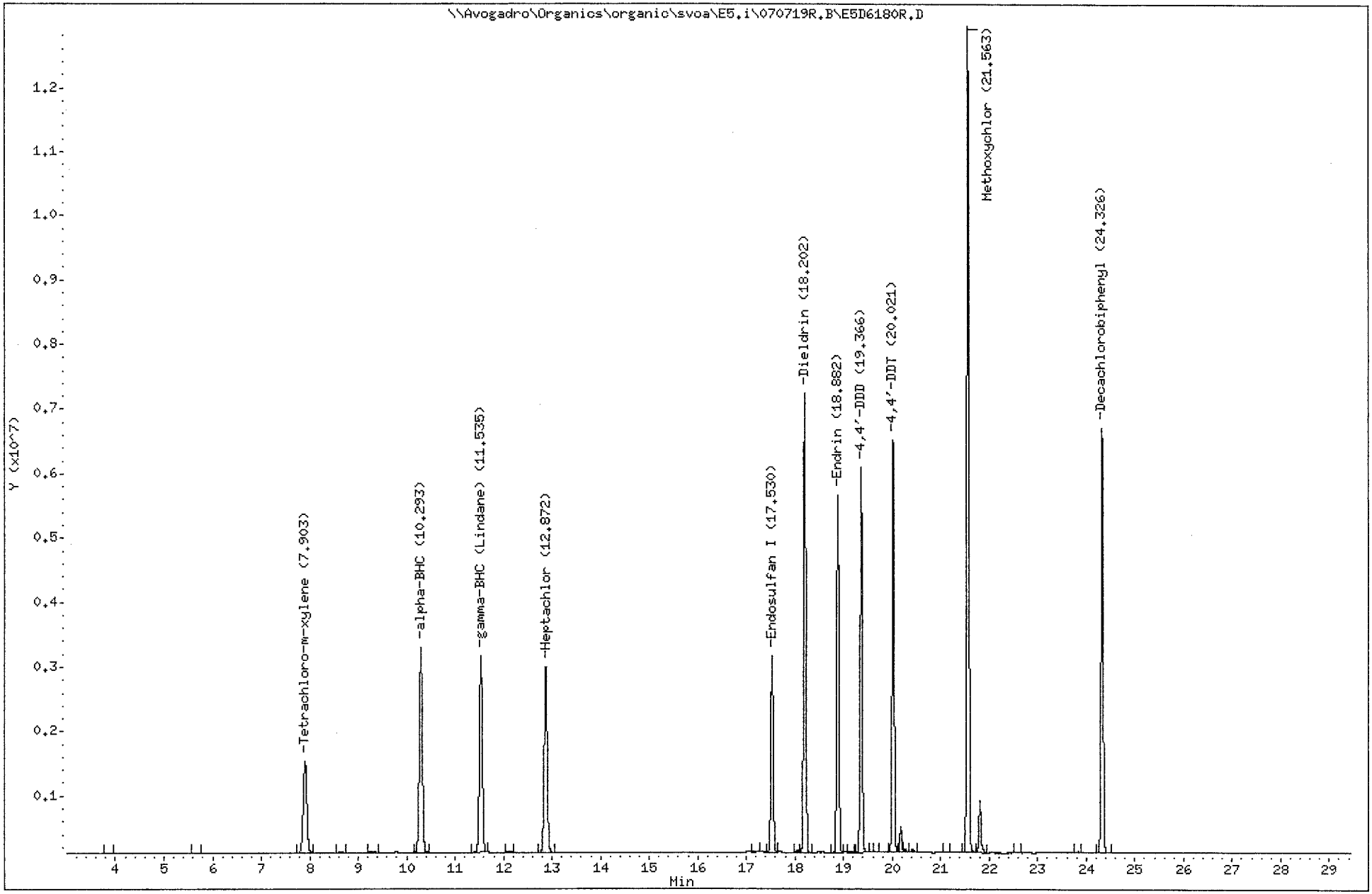
7/20/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6180F.D
Date : 19-JUL-2007 23:14
Client ID: INDAHT5
Sample Info: INDAHT5,INDAHT5,,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\070719R.B\E5D6180R.D
Date : 19-JUL-2007 23:14
Client ID: INDAHT5 Instrument: E5.i
Sample Info: INDAHT5,INDAHT5,,inda,sub,,
Volume Injected (uL): 1.0 Operator: SZ SRC: SZ
Column phase: CLPPESTII Column diameter: 0.53



9559

Data File: E5D6180F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6180F.D
Lab Smp Id: INDAHT5 Client Smp ID: INDAHT5
Inj Date : 19-JUL-2007 23:14
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAHT5,INDAHT5,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:14 Cal File: E5D6180F.D
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.713	5.711	0.002	13856551	0.08000	0.076			
3 alpha-BHC					CAS #: 319-84-6			
7.718	7.719	-0.001	25161124	0.08000	0.081			(A)
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.793	8.794	-0.001	22733140	0.08000	0.080			
5 Heptachlor					CAS #: 76-44-8			
10.293	10.297	-0.004	23055734	0.08000	0.079			
10 Endosulfan I					CAS #: 959-98-8			
14.154	14.158	-0.004	18547181	0.08000	0.077			
14 Dieldrin					CAS #: 60-57-1			
14.977	14.986	-0.009	41208929	0.16000	0.16			
15 Endrin					CAS #: 72-20-8			
15.955	15.963	-0.008	31769591	0.16000	0.16			

7/20/07

Data File: E5D6180F.D
Report Date: 20-Jul-2007 10:05

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
16 4,4'-DDD					CAS #: 72-54-8			
16.865	16.870	-0.005	32144572	0.16000	0.16			(A)
18 4,4'-DDT					CAS #: 50-29-3			
17.559	17.561	-0.002	36456849	0.16000	0.16			
21 Methoxychlor					CAS #: 72-43-5			
18.851	18.856	-0.005	65196644	0.80000	0.66			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.806	21.810	-0.004	37515461	0.16000	0.15			(A)

QC Flag Legend

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

7/20/07

Data File: E5D6180R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6180R.D
Lab Smp Id: INDAHT5 Client Smp ID: INDAHT5
Inj Date : 19-JUL-2007 23:14
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAHT5,INDAHT5,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 14 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.903	7.903	0.000	7359526	0.08000	0.075			
4 alpha-BHC					CAS #: 319-84-6			
10.293	10.295	-0.002	13781557	0.08000	0.080			(A)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
11.534	11.536	-0.002	12552452	0.08000	0.079			
6 Heptachlor					CAS #: 76-44-8			
12.872	12.875	-0.003	12360288	0.08000	0.078			
11 Endosulfan I					CAS #: 959-98-8			
17.529	17.530	-0.001	10042299	0.08000	0.077			
15 Dieldrin					CAS #: 60-57-1			
18.202	18.203	-0.001	22410799	0.16000	0.16			
16 Endrin					CAS #: 72-20-8			
18.882	18.885	-0.003	17075975	0.16000	0.16			

7/20/07

Data File: E5D6180R.D
Report Date: 20-Jul-2007 10:07

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
17 4,4'-DDD					CAS #: 72-54-8			
19.365	19.368	-0.003	17545560	0.16000	0.16			
19 4,4'-DDT					CAS #: 50-29-3			
20.020	20.023	-0.003	18683916	0.16000	0.16			
22 Methoxychlor					CAS #: 72-43-5			
21.563	21.566	-0.003	38820443	0.80000	0.70			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.326	24.329	-0.003	19581193	0.16000	0.16			(A)

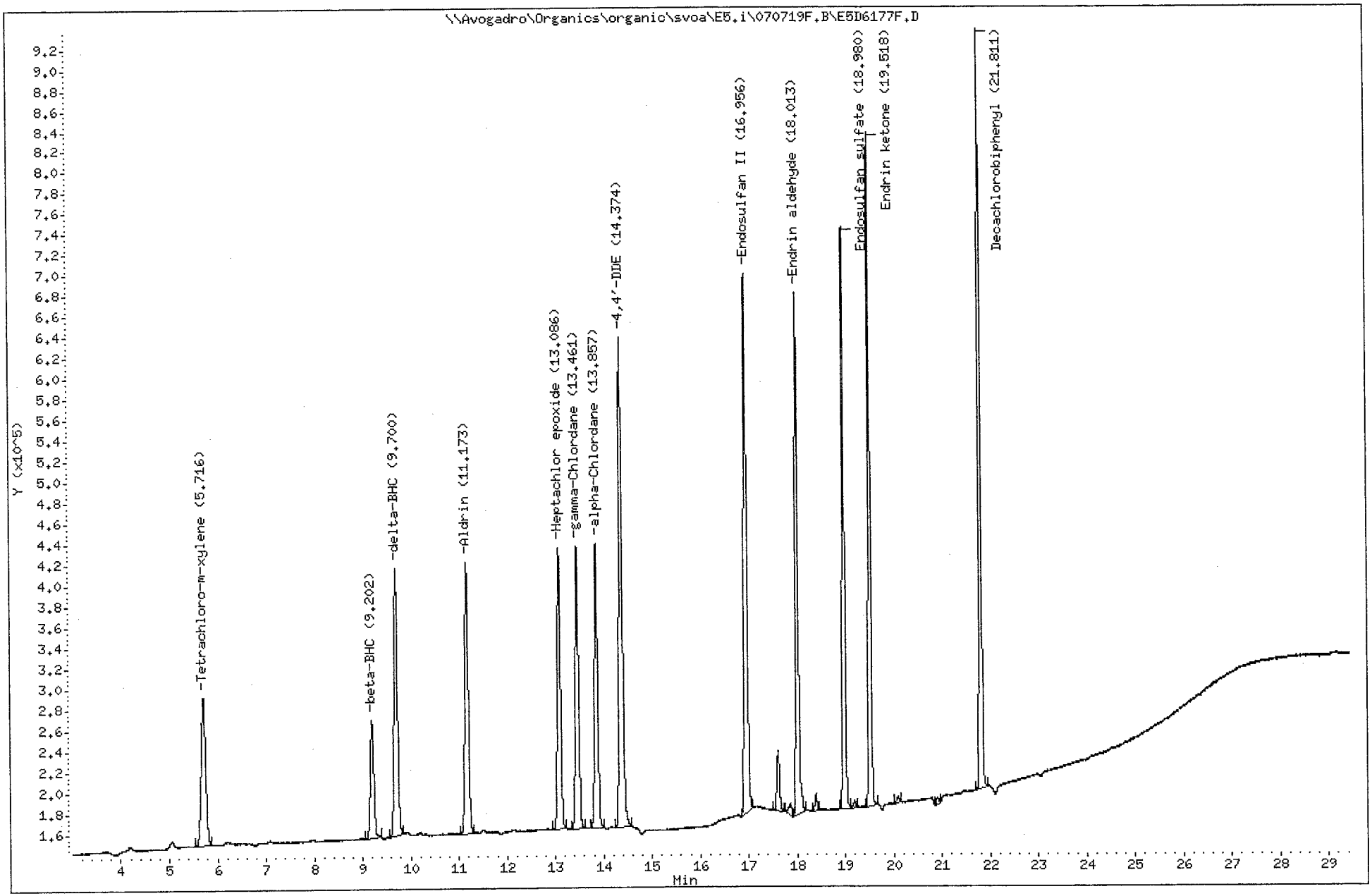
QC Flag Legend

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

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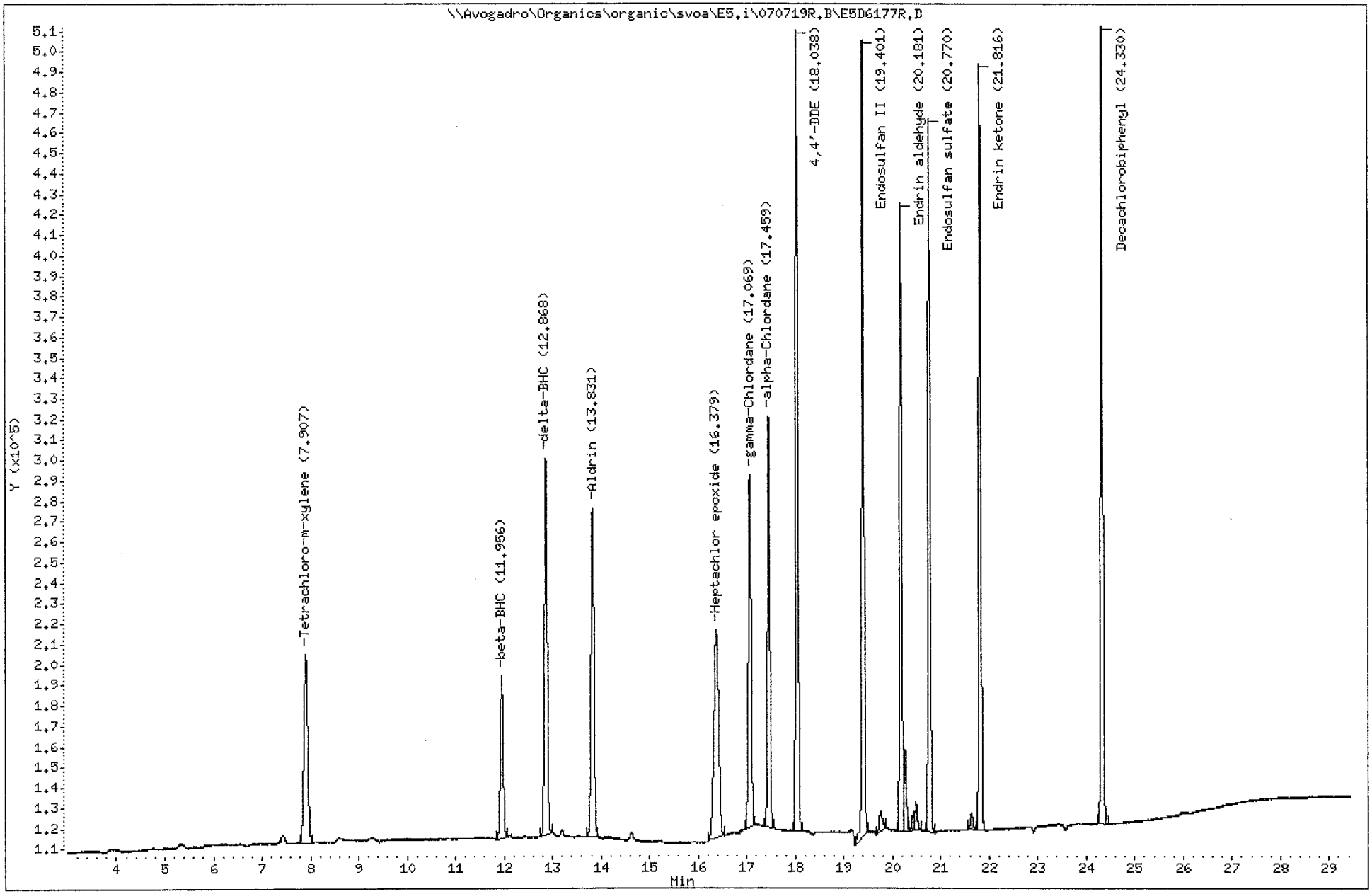
Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6177F.D
Date : 19-JUL-2007 21:34
Client ID: INDBLT5
Sample Info: INDBLT5,INDBLT5,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



5968

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6177R.D
Date : 19-JUL-2007 21:34
Client ID: INDBLT5
Instrument: E5.i
Sample Info: INDBLT5,INDBLT5,,indb,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6177F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

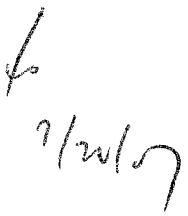
NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6177F.D
Lab Smp Id: INDBLT5 Client Smp ID: INDBLT5
Inj Date : 19-JUL-2007 21:34
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBLT5,INDBLT5,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 21:34 Cal File: E5D6177F.D
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.716	5.711	0.005	910527	0.00500	0.0050			(a)
6 Aldrin					CAS #: 309-00-2			
11.173	11.170	0.003	1271100	0.00500	0.0048			(a)
7 beta-BHC					CAS #: 319-85-7			
9.202	9.197	0.005	579400	0.00500	0.0051			(a)
8 delta-BHC					CAS #: 319-86-8			
9.700	9.699	0.001	1264740	0.00500	0.0046			(a)
9 Heptachlor epoxide					CAS #: 1024-57-3			
13.086	13.083	0.003	1239770	0.00500	0.0048			(a)
11 gamma-Chlordane					CAS #: 5103-74-2			
13.460	13.454	0.006	1236553	0.00500	0.0049			(a)
12 alpha-Chlordane					CAS #: 5103-71-9			
13.857	13.853	0.004	1253158	0.00500	0.0050			(a)



Data File: E5D6177F.D
Report Date: 20-Jul-2007 10:05

	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
	13 4,4'-DDE					CAS #: 72-55-9			
	14.373	14.370	0.003	2270399	0.01000	0.0092			(a)
	17 Endosulfan II					CAS #: 33213-65-9			
	16.956	16.949	0.007	2224269	0.01000	0.0096			(a)
	19 Endrin aldehyde					CAS #: 7421-93-4			
	18.013	18.007	0.006	1804799	0.01000	0.0098			(a)
	20 Endosulfan sulfate					CAS #: 1031-07-8			
	18.980	18.976	0.004	1872871	0.01000	0.0091			(a)
	22 Endrin ketone					CAS #: 53494-70-5			
	19.518	19.515	0.003	2091335	0.01000	0.0093			(a)
$	2 Decachlorobiphenyl					CAS #: 2051-24-3			
	21.811	21.810	0.001	2416622	0.01000	0.0099			(a)

QC Flag Legend

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

7/20/07

Data File: E5D6177R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6177R.D
Lab Smp Id: INDBLT5 Client Smp ID: INDBLT5
Inj Date : 19-JUL-2007 21:34
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBLT5,INDBLT5,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 11 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.907	7.903	0.004	490348	0.00500	0.0050		(a)
7 Aldrin					CAS #: 309-00-2		
13.830	13.828	0.002	702635	0.00500	0.0049		(a)
8 beta-BHC					CAS #: 319-85-7		
11.955	11.953	0.002	327090	0.00500	0.0052		(a)
9 delta-BHC					CAS #: 319-86-8		
12.868	12.863	0.005	732482	0.00500	0.0047		(a)
10 Heptachlor epoxide					CAS #: 1024-57-3		
16.378	16.376	0.002	711300	0.00500	0.0051		(a)
12 gamma-Chlordane					CAS #: 5103-74-2		
17.068	17.066	0.002	667046	0.00500	0.0050		(a)
13 alpha-Chlordane					CAS #: 5103-71-9		
17.458	17.456	0.002	671278	0.00500	0.0050		(a)

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Data File: E5D6177R.D
Report Date: 20-Jul-2007 10:07

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 4,4'-DDE					CAS #: 72-55-9			
18.038	18.038	0.000	1261182	0.01000	0.0095			(a)
18 Endosulfan II					CAS #: 33213-65-9			
19.401	19.399	0.002	1240997	0.01000	0.010			(a)
20 Endrin aldehyde					CAS #: 7421-93-4			
20.180	20.177	0.003	942408	0.01000	0.0098			(a)
21 Endosulfan sulfate					CAS #: 1031-07-8			
20.769	20.766	0.003	1066969	0.01000	0.0092			(a)
23 Endrin ketone					CAS #: 53494-70-5			
21.815	21.813	0.002	1120321	0.01000	0.0094			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.329	24.329	0.000	1230201	0.01000	0.010			(a)

QC Flag Legend

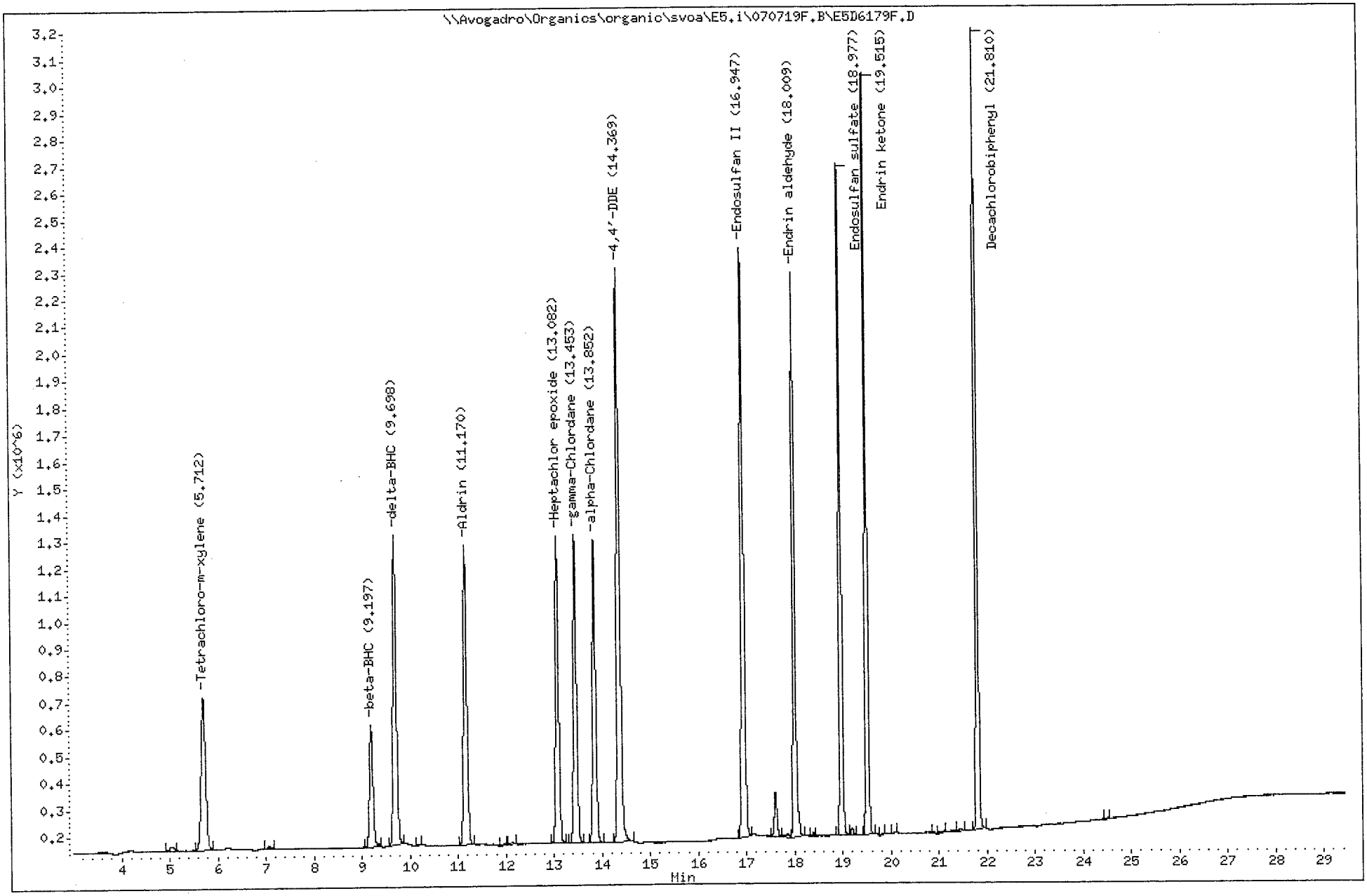
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

7/26/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6179F.D
Date : 19-JUL-2007 22:41
Client ID: INDBMT5
Sample Info: INDBMT5,INDBMT5,,indb.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

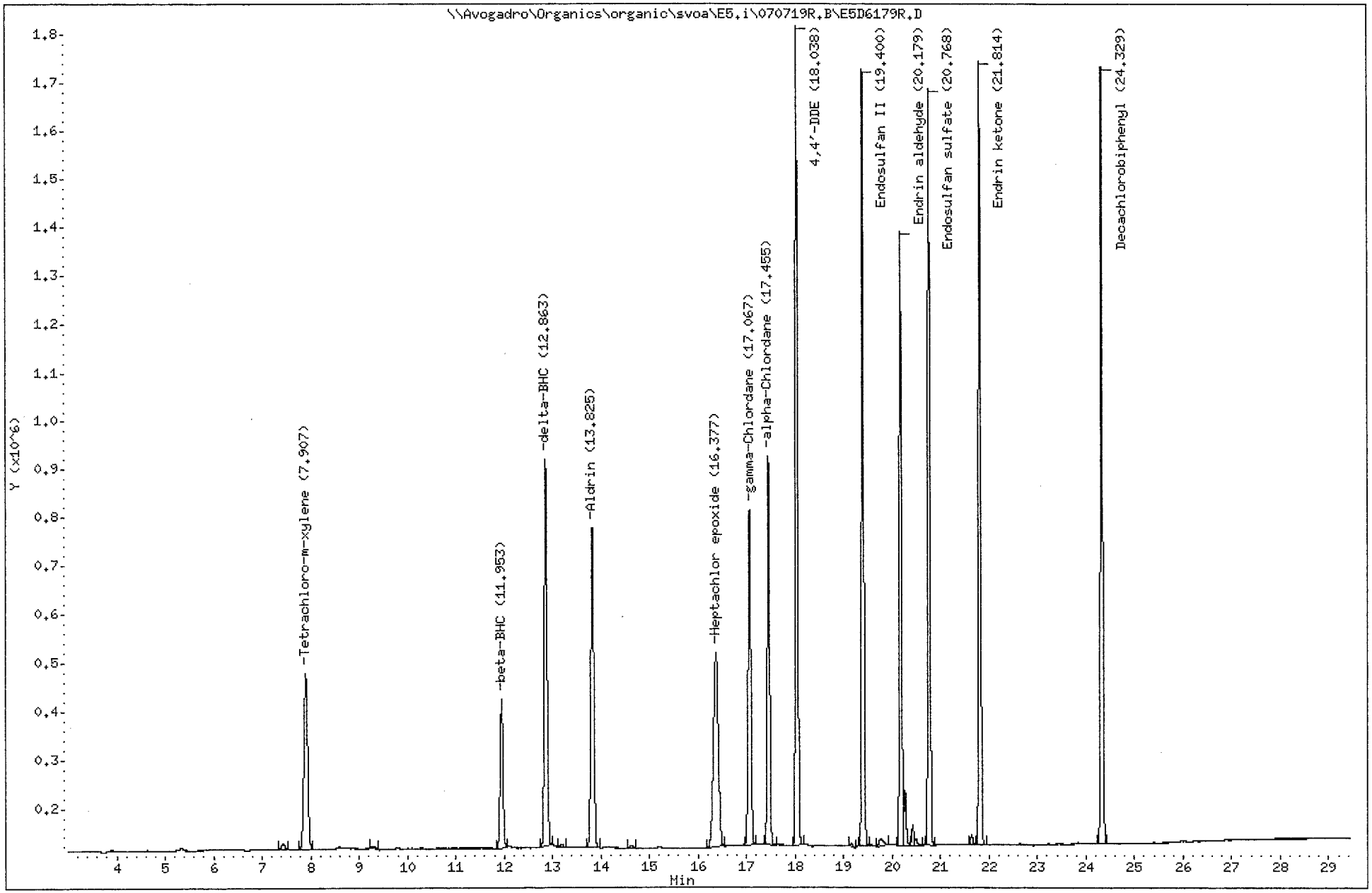
Instrument: E5.i

Operator: SZ SRC: SZ
Column diameter: 0.53



6969

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6179R.D
Date : 19-JUL-2007 22:41
Client ID: INDBMT5
Instrument: E5.i
Sample Info: INDBMT5,INDBMT5,,indb.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



GJ 68

Data File: E5D6179F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6179F.D
Lab Smp Id: INDBMT5 Client Smp ID: INDBMT5
Inj Date : 19-JUL-2007 22:41
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMT5,INDBMT5,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 22:41 Cal File: E5D6179F.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.711	5.711	0.000	3591112	0.02000	0.020			(a)
6 Aldrin					CAS #: 309-00-2			
11.170	11.170	0.000	5349712	0.02000	0.020			(a)
7 beta-BHC					CAS #: 319-85-7			
9.196	9.197	-0.001	2281218	0.02000	0.020			(a)
8 delta-BHC					CAS #: 319-86-8			
9.698	9.699	-0.001	5514766	0.02000	0.020			(a)
9 Heptachlor epoxide					CAS #: 1024-57-3			
13.081	13.083	-0.002	5118710	0.02000	0.020			(a)
11 gamma-Chlordane					CAS #: 5103-74-2			
13.453	13.454	-0.001	5098980	0.02000	0.020			(a)
12 alpha-Chlordane					CAS #: 5103-71-9			
13.851	13.853	-0.002	5032943	0.02000	0.020			(a)

7/20/07

Data File: E5D6179F.D
Report Date: 20-Jul-2007 10:05

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
13 4,4'-DDE					CAS #: 72-55-9			
14.369	14.370	-0.001	9832093	0.04000	0.040			(a)
17 Endosulfan II					CAS #: 33213-65-9			
16.946	16.949	-0.003	9257352	0.04000	0.040			(a)
19 Endrin aldehyde					CAS #: 7421-93-4			
18.009	18.007	0.002	7337829	0.04000	0.040			(a)
20 Endosulfan sulfate					CAS #: 1031-07-8			
18.976	18.976	0.000	8231168	0.04000	0.040			(a)
22 Endrin ketone					CAS #: 53494-70-5			
19.515	19.515	0.000	9023749	0.04000	0.040			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.810	21.810	0.000	9658243	0.04000	0.040			(a)

QC Flag Legend

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

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7/20/17

Data File: E5D6179R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6179R.D
Lab Smp Id: INDBMT5 Client Smp ID: INDBMT5
Inj Date : 19-JUL-2007 22:41
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMT5,INDBMT5,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.906	7.903	0.003	1935187	0.02000	0.020		(a)
7 Aldrin					CAS #: 309-00-2		
13.825	13.828	-0.003	2862997	0.02000	0.020		(a)
8 beta-BHC					CAS #: 319-85-7		
11.952	11.953	-0.001	1269630	0.02000	0.020		(a)
9 delta-BHC					CAS #: 319-86-8		
12.863	12.863	0.000	3129191	0.02000	0.020		(a)
10 Heptachlor epoxide					CAS #: 1024-57-3		
16.376	16.376	0.000	2789067	0.02000	0.020		(a)
12 gamma-Chlordane					CAS #: 5103-74-2		
17.066	17.066	0.000	2673927	0.02000	0.020		(a)
13 alpha-Chlordane					CAS #: 5103-71-9		
17.455	17.456	-0.001	2659787	0.02000	0.020		(a)

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Data File: E5D6179R.D
Report Date: 20-Jul-2007 10:07

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 4,4'-DDE					CAS #: 72-55-9			
18.037	18.038	-0.001	5309263	0.04000	0.040			(a)
18 Endosulfan II					CAS #: 33213-65-9			
19.400	19.399	0.001	4926569	0.04000	0.040			(a)
20 Endrin aldehyde					CAS #: 7421-93-4			
20.179	20.177	0.002	3827227	0.04000	0.040			(a)
21 Endosulfan sulfate					CAS #: 1031-07-8			
20.767	20.766	0.001	4632466	0.04000	0.040			(a)
23 Endrin ketone					CAS #: 53494-70-5			
21.814	21.813	0.001	4771102	0.04000	0.040			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.329	24.329	0.000	4885152	0.04000	0.040			(a)

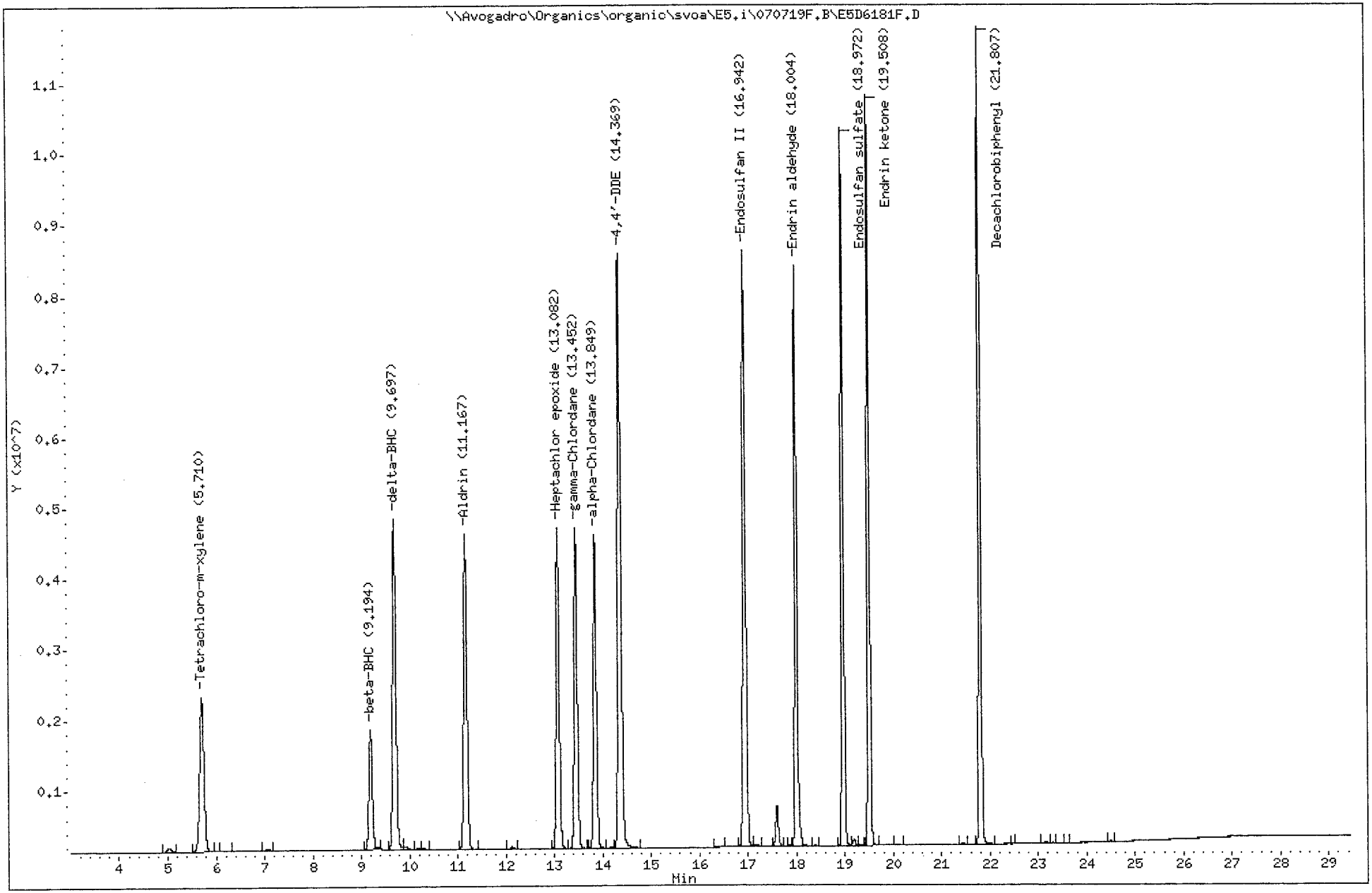
QC Flag Legend

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

7/20/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6181F.D
Date : 19-JUL-2007 23:47
Client ID: INDBHT5
Sample Info: INDBHT5,INDBHT5,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

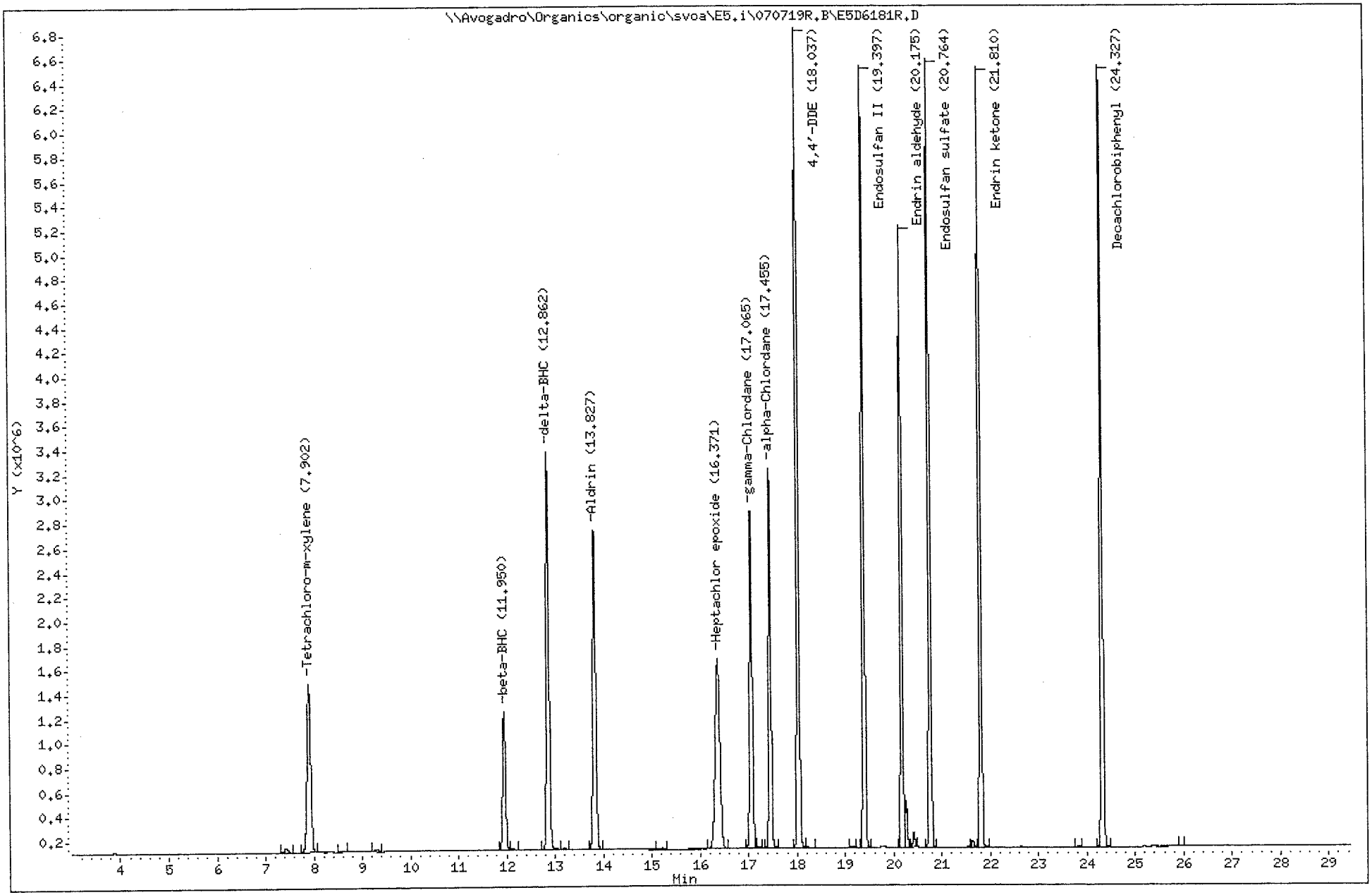
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



SJG

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6181R.D
Date : 19-JUL-2007 23:47
Client ID: INDBHT5
Sample Info: INDBHT5,INDBHT5,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



9159

Data File: E5D6181F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6181F.D
Lab Smp Id: INDBHT5 Client Smp ID: INDBHT5
Inj Date : 19-JUL-2007 23:47
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBHT5,INDBHT5,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.709	5.711	-0.002	13441164	0.08000	0.074			
6 Aldrin					CAS #: 309-00-2			
11.167	11.170	-0.003	21044570	0.08000	0.079			
7 beta-BHC					CAS #: 319-85-7			
9.194	9.197	-0.003	8244523	0.08000	0.072			
8 delta-BHC					CAS #: 319-86-8			
9.697	9.699	-0.002	22222984	0.08000	0.081			(A)
9 Heptachlor epoxide					CAS #: 1024-57-3			
13.081	13.083	-0.002	19792901	0.08000	0.077			
11 gamma-Chlordane					CAS #: 5103-74-2			
13.451	13.454	-0.003	19894812	0.08000	0.078			
12 alpha-Chlordane					CAS #: 5103-71-9			
13.849	13.853	-0.004	19193315	0.08000	0.076			

7/20/07

Data File: E5D6181F.D
Report Date: 20-Jul-2007 10:05

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
13 4,4'-DDE						CAS #: 72-55-9		
14.369	14.370	-0.001	38816509	0.16000	0.16			
17 Endosulfan II						CAS #: 33213-65-9		
16.942	16.949	-0.007	35675996	0.16000	0.15			
19 Endrin aldehyde						CAS #: 7421-93-4		
18.004	18.007	-0.003	28125451	0.16000	0.15			
20 Endosulfan sulfate						CAS #: 1031-07-8		
18.972	18.976	-0.004	32757829	0.16000	0.16			
22 Endrin ketone						CAS #: 53494-70-5		
19.508	19.515	-0.007	34139961	0.16000	0.15			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
21.806	21.810	-0.004	37056792	0.16000	0.15			(A)

QC Flag Legend

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

7/20/07

Data File: E5D6181R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6181R.D
Lab Smp Id: INDBHT5 Client Smp ID: INDBHT5
Inj Date : 19-JUL-2007 23:47
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBHT5,INDBHT5,,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.902	7.903	-0.001	7153930	0.08000	0.073			
7 Aldrin					CAS #: 309-00-2			
13.826	13.828	-0.002	11063365	0.08000	0.077			
8 beta-BHC					CAS #: 319-85-7			
11.949	11.953	-0.004	4637886	0.08000	0.073			
9 delta-BHC					CAS #: 319-86-8			
12.862	12.863	-0.001	12616219	0.08000	0.081			(A)
10 Heptachlor epoxide					CAS #: 1024-57-3			
16.370	16.376	-0.006	10503001	0.08000	0.075			
12 gamma-Chlordane					CAS #: 5103-74-2			
17.064	17.066	-0.002	10461663	0.08000	0.078			
13 alpha-Chlordane					CAS #: 5103-71-9			
17.454	17.456	-0.002	10162889	0.08000	0.076			

7/20/07

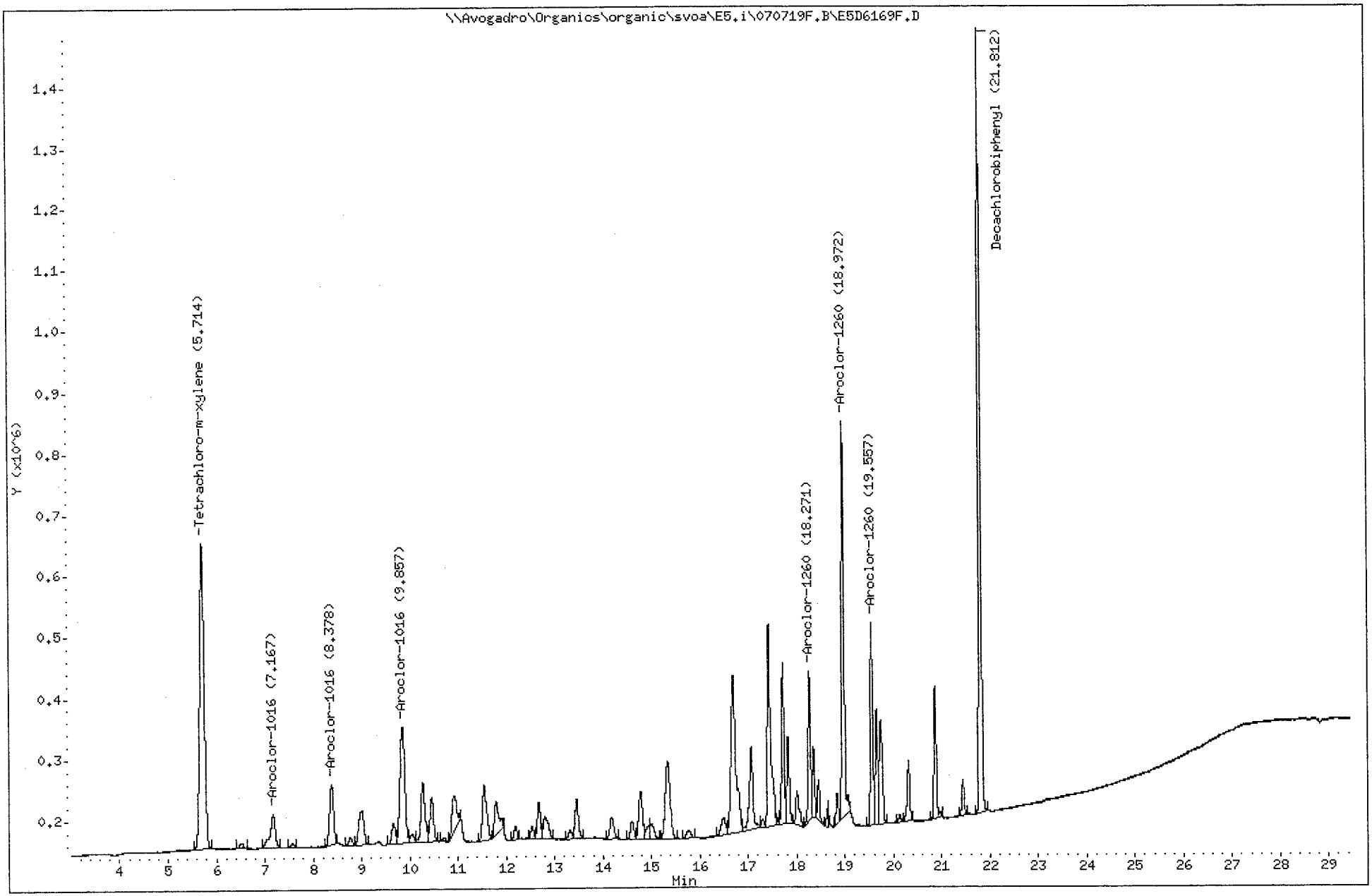
Data File: E5D6181R.D
Report Date: 20-Jul-2007 10:07

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 4,4'-DDE					CAS #: 72-55-9			
18.036	18.038	-0.002	21020691	0.16000	0.16			
18 Endosulfan II					CAS #: 33213-65-9			
19.396	19.399	-0.003	19111547	0.16000	0.16			
20 Endrin aldehyde					CAS #: 7421-93-4			
20.174	20.177	-0.003	14911349	0.16000	0.16			
21 Endosulfan sulfate					CAS #: 1031-07-8			
20.764	20.766	-0.002	18663815	0.16000	0.16			(A)
23 Endrin ketone					CAS #: 53494-70-5			
21.809	21.813	-0.004	18349750	0.16000	0.15			(A)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.326	24.329	-0.003	19255785	0.16000	0.16			(A)

QC Flag Legend

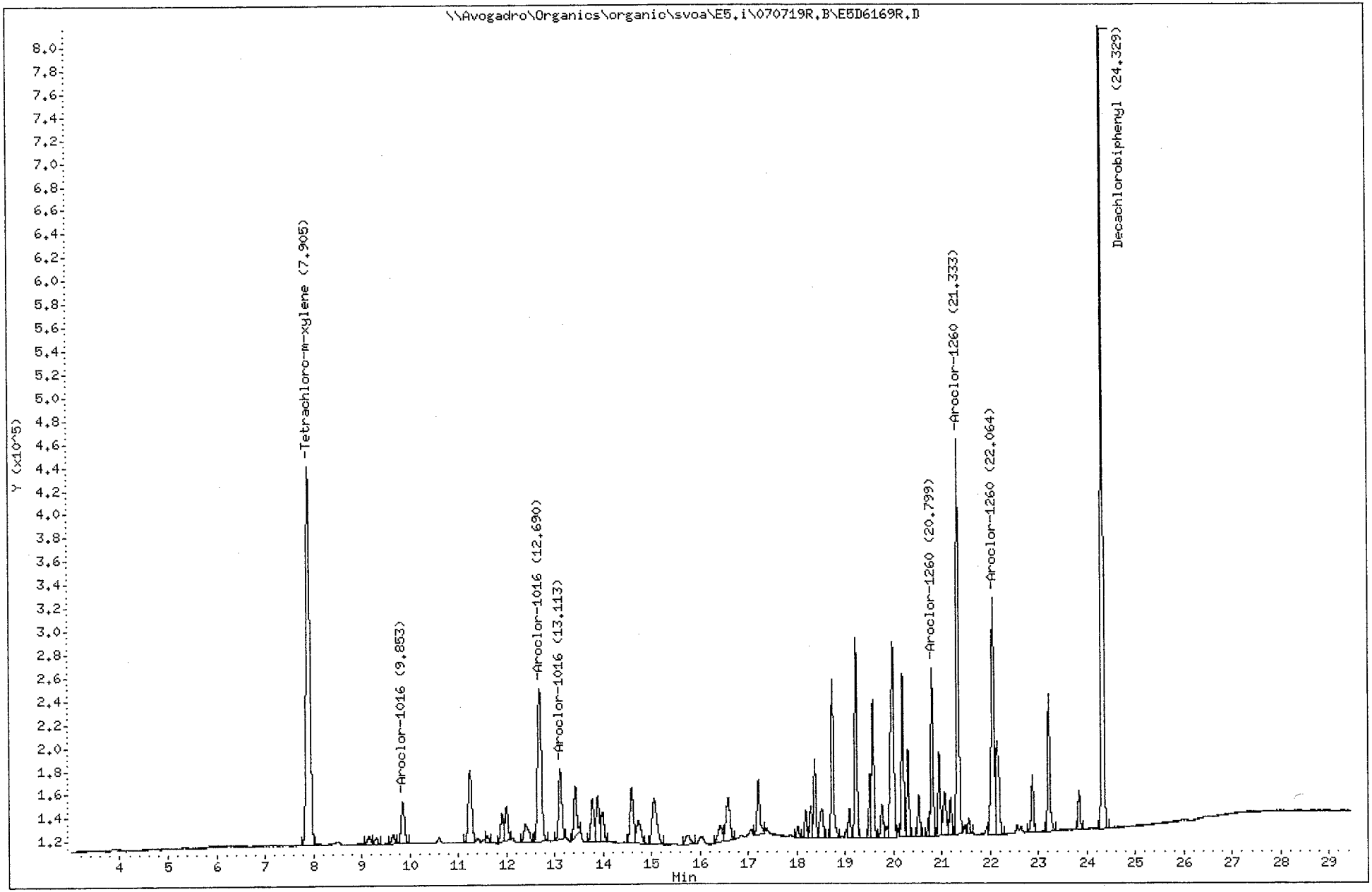
A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6169F.D
Date : 19-JUL-2007 17:10
Client ID: AR1660T5
Instrument: E5.i
Sample Info: AR1660T5,AR1660T5,,ar1660.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



1669

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6169R.D
Date : 19-JUL-2007 17:10
Client ID: AR1660T5
Instrument: E5.i
Sample Info: AR1660T5,AR1660T5,,ar1660,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2950

Data File: E5D6169F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6169F.D
Lab Smp Id: AR1660T5 Client Smp ID: AR1660T5
Inj Date : 19-JUL-2007 17:10
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1660T5,AR1660T5,,ar1660.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 17:10 Cal File: E5D6169F.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.714	5.711	0.003	3209494	0.00500	0.018			(a)
23 Aroclor-1016					CAS #: 12674-11-2			
7.166	7.167	-0.001	409987	0.10000	0.10	80.00- 120.00	100.00	(a)
8.378	8.378	0.000	566324	0.10000	0.10	118.13- 158.13	138.13	
9.856	9.857	-0.001	1337683	0.10000	0.10	306.27- 346.27	326.27	
Average of Peak Amounts =					0.10000			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.812	21.810	0.002	4227956	0.01000	0.017			(a)
29 Aroclor-1260					CAS #: 11096-82-5			
18.270	18.270	0.000	831735	0.10000	0.10	80.00- 120.00	100.00	(a)
18.971	18.971	0.000	2279418	0.10000	0.10	254.06- 294.06	274.06	
19.557	19.557	0.000	1129755	0.10000	0.10	115.83- 155.83	135.83	
Average of Peak Amounts =					0.10000			

7/20/07

Data File: E5D6169F.D
Report Date: 20-Jul-2007 10:05

QC Flag Legend

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

7/20/07

Data File: E5D6169R.D
Report Date: 20-Jul-2007 10:06

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6169R.D
Lab Smp Id: AR1660T5 Client Smp ID: AR1660T5
Inj Date : 19-JUL-2007 17:10
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1660T5,AR1660T5,,ar1660.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 3 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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		
7.904	7.903	0.001	1722669	0.00500	0.018		(a)
24 Aroclor-1016					CAS #: 12674-11-2		
9.853	9.852	0.001	176930	0.10000	0.10	80.00- 120.00	100.00(a)
12.689	12.689	0.000	729080	0.10000	0.10	392.07- 432.07	412.07
13.113	13.112	0.001	276490	0.10000	0.10	136.27- 176.27	156.27
Average of Peak Amounts =					0.10000		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.329	24.329	0.000	2139411	0.01000	0.018		(a)
30 Aroclor-1260					CAS #: 11096-82-5		
20.799	20.799	0.000	453270	0.10000	0.10	80.00- 120.00	100.00(a)
21.333	21.332	0.001	1090047	0.10000	0.10	220.49- 260.49	240.49
22.064	22.063	0.001	805120	0.10000	0.10	157.62- 197.62	177.62
Average of Peak Amounts =					0.10000		

7/20/07

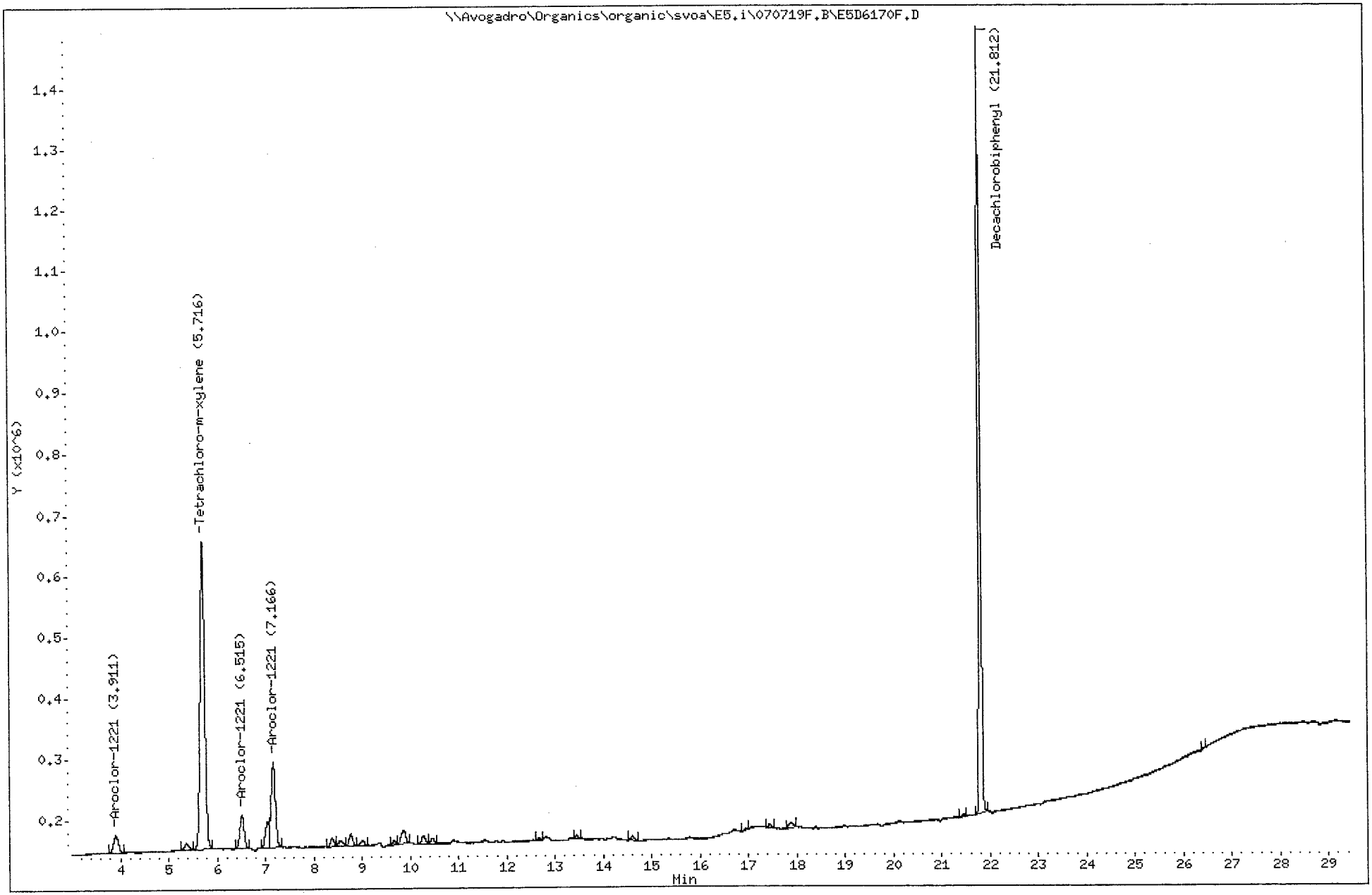
Data File: E5D6169R.D
Report Date: 20-Jul-2007 10:06

QC Flag Legend

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

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6170F.D
Date : 19-JUL-2007 17:43
Client ID: AR1221T5
Sample Info: AR1221T5,AR1221T5,,ar1221,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

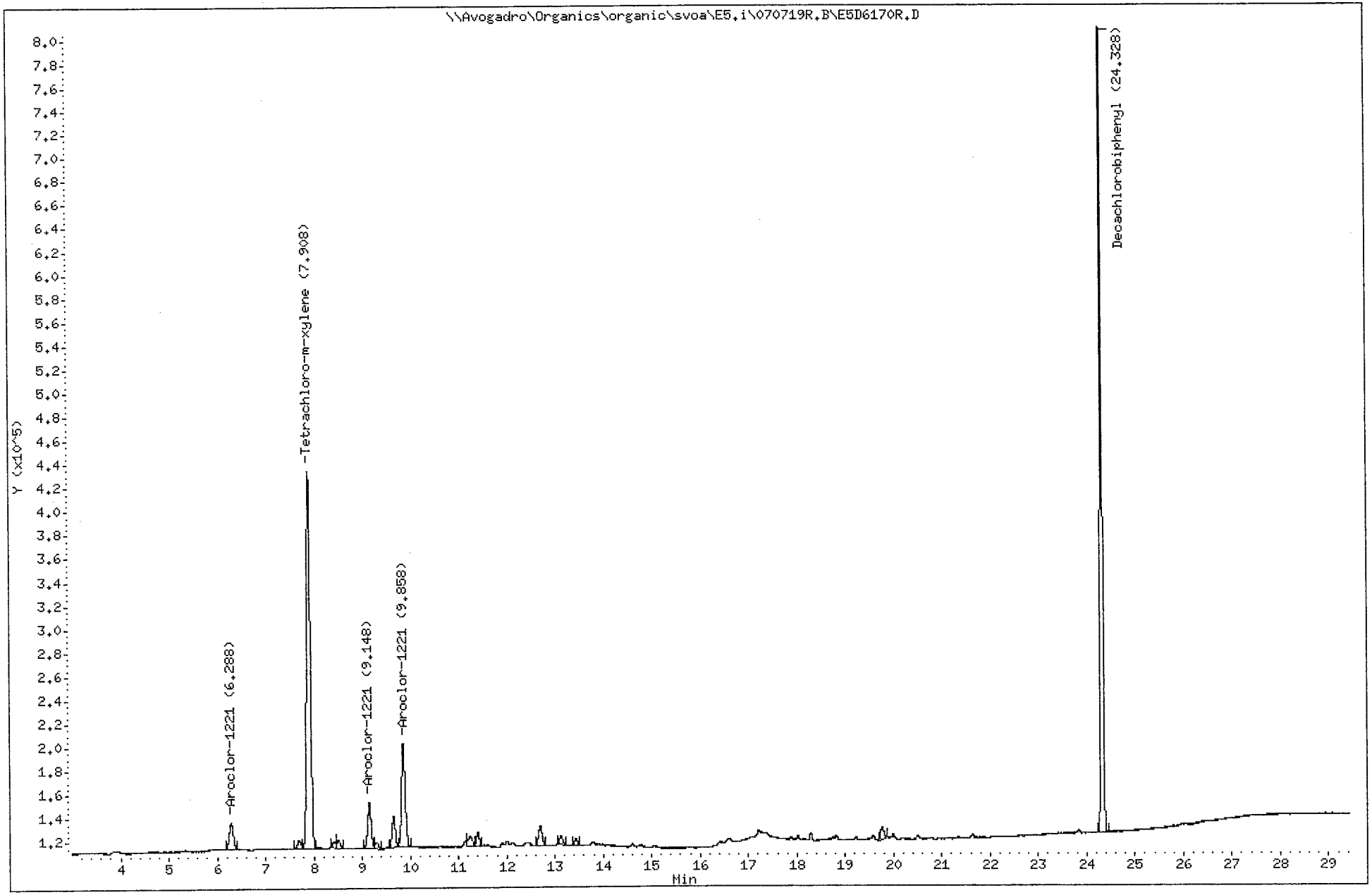
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



1959

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6170R.D
Date : 19-JUL-2007 17:43
Client ID: AR1221T5
Sample Info: AR1221T5,AR1221T5,,ar1221,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



9659

Data File: E5D6170F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6170F.D
Lab Smp Id: AR1221T5 Client Smp ID: AR1221T5
Inj Date : 19-JUL-2007 17:43
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1221T5,AR1221T5,,ar1221.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 17:43 Cal File: E5D6170F.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1221.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.715	5.711	0.004	3250697	0.00500	0.018			(a)
24 Aroclor-1221					CAS #: 11104-28-2			
3.910	3.910	0.000	205845	0.20000	0.20	80.00- 120.00	100.00	(a)
6.515	6.515	0.000	341361	0.20000	0.20	145.83- 185.83	165.83	
7.165	7.166	-0.001	865258	0.20000	0.20	400.34- 440.34	420.34	
Average of Peak Amounts =				0.20000				
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.811	21.810	0.001	4252605	0.01000	0.017			(a)

kb 7/20/07

QC Flag Legend

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

Data File: E5D6170R.D
Report Date: 20-Jul-2007 10:06

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6170R.D
Lab Smp Id: AR1221T5 Client Smp ID: AR1221T5
Inj Date : 19-JUL-2007 17:43
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1221T5,AR1221T5,,ar1221.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1221.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

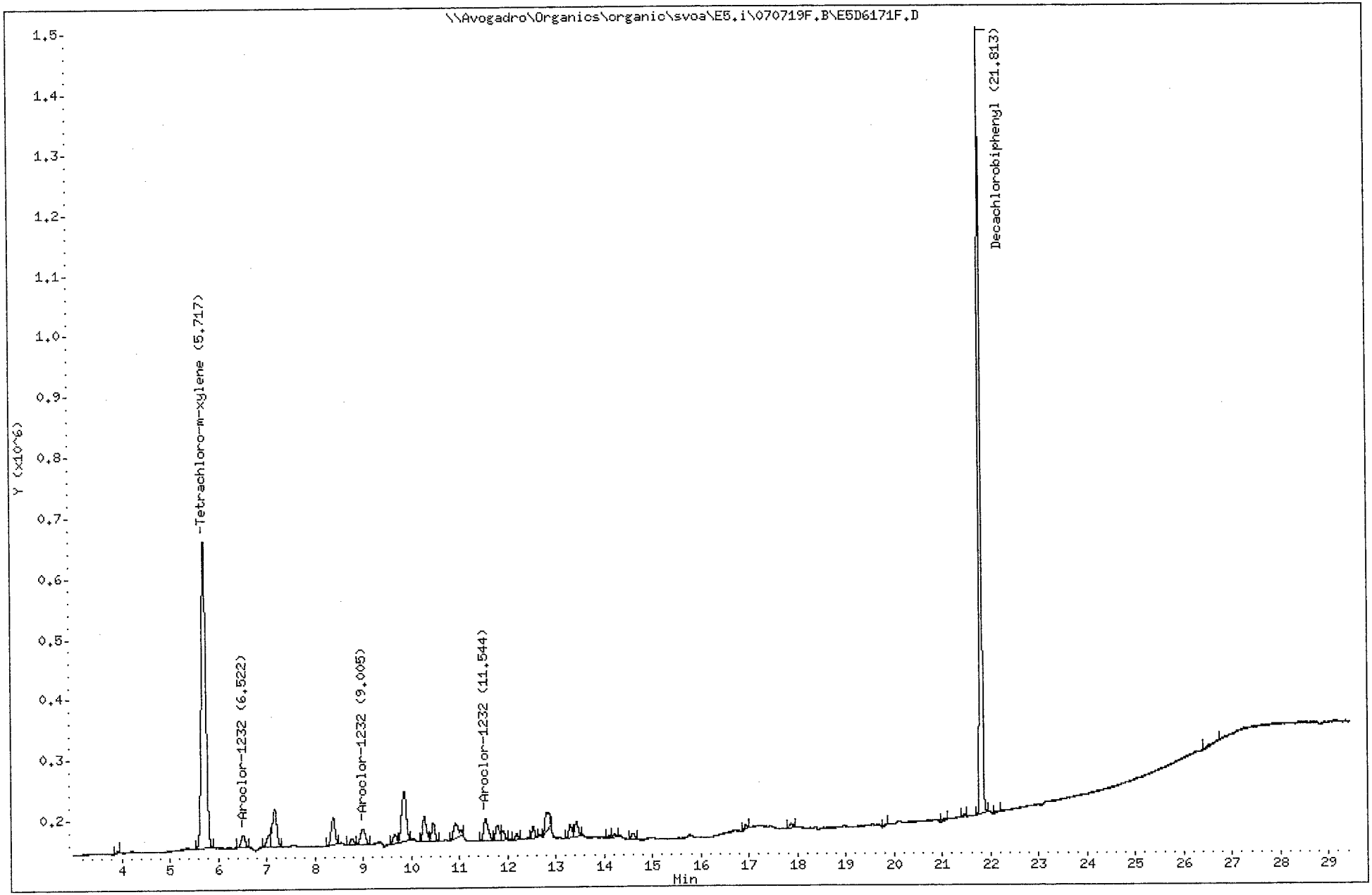
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.908	7.903	0.005	1702086	0.00500	0.017			(a)
25 Aroclor-1221					CAS #: 11104-28-2			
6.287	6.288	-0.001	130492	0.20000	0.20	80.00- 120.00	100.00	(a)
9.148	9.148	0.000	193663	0.20000	0.20	128.41- 168.41	148.41	
9.858	9.858	0.000	464588	0.20000	0.20	336.03- 376.03	356.03	
Average of Peak Amounts =					0.20000			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.328	24.329	-0.001	2151974	0.01000	0.018			(a)

QC Flag Legend

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

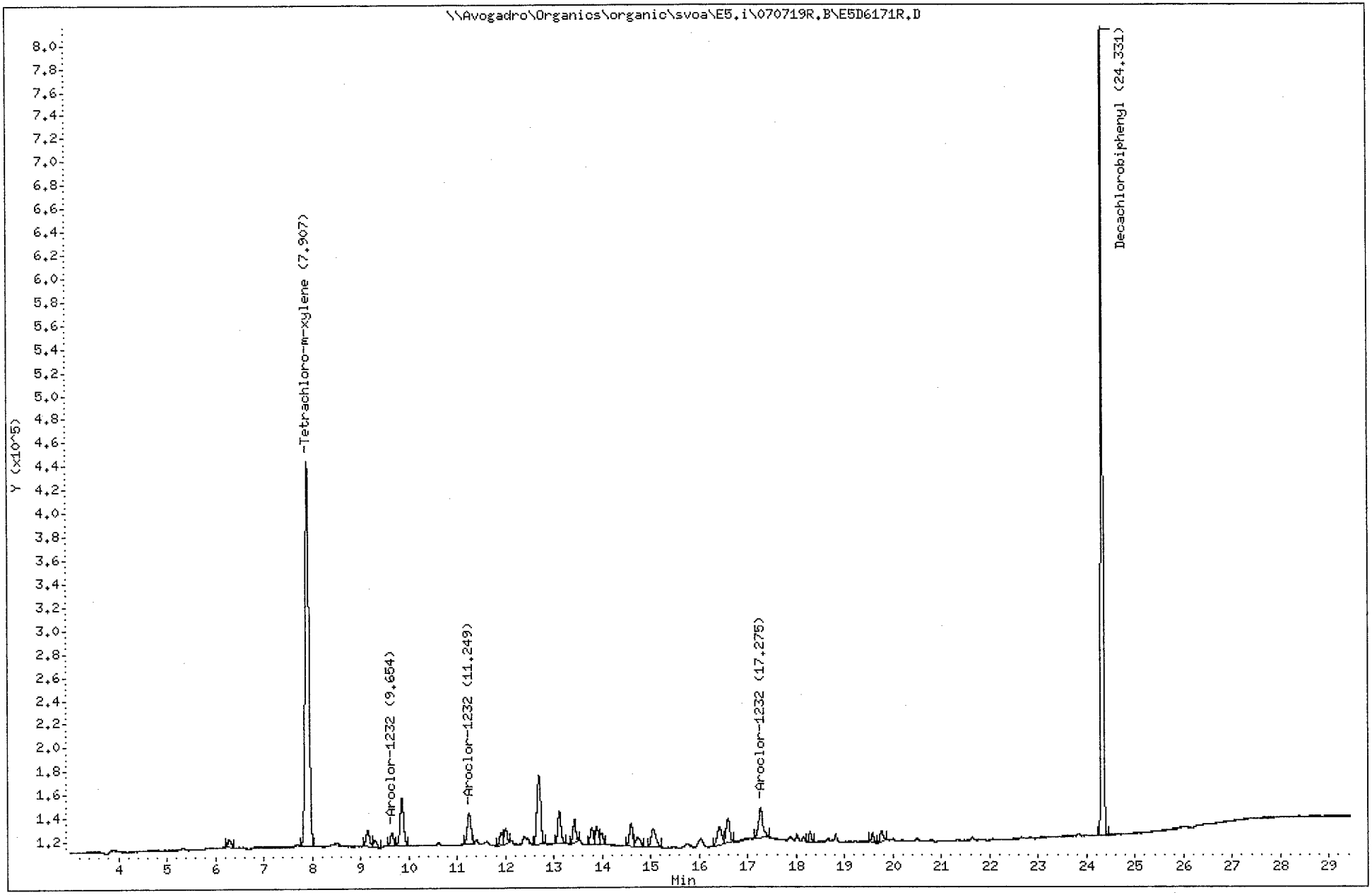
Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6171F.D
Date : 19-JUL-2007 18:16
Client ID: AR1232T5
Sample Info: AR1232T5,AR1232T5,,ar1232.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



T650

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6171R.D
Date : 19-JUL-2007 18:16
Client ID: AR1232T5
Instrument: E5.i
Sample Info: AR1232T5,AR1232T5,,ar1232.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2559

Data File: E5D6171F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6171F.D
Lab Smp Id: AR1232T5 Client Smp ID: AR1232T5
Inj Date : 19-JUL-2007 18:16
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1232T5,AR1232T5,,ar1232.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 18:16 Cal File: E5D6171F.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1232.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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		
5.716	5.711	0.005	3255373	0.00500	0.018		(a)
25 Aroclor-1232					CAS #: 11141-16-5		
6.521	6.521	0.000	117166	0.10000	0.10	80.00- 120.00	100.00(a)
9.005	9.005	0.000	184547	0.10000	0.10	137.51- 177.51	157.51
11.544	11.543	0.001	237359	0.10000	0.10	182.58- 222.58	202.58
Average of Peak Amounts =				0.10000			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.812	21.810	0.002	4253125	0.01000	0.017		(a)

QC Flag Legend

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

Data File: E5D6171R.D
Report Date: 20-Jul-2007 10:06

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6171R.D
Lab Smp Id: AR1232T5 Client Smp ID: AR1232T5
Inj Date : 19-JUL-2007 18:16
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1232T5,AR1232T5,,ar1232.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 5 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1232.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

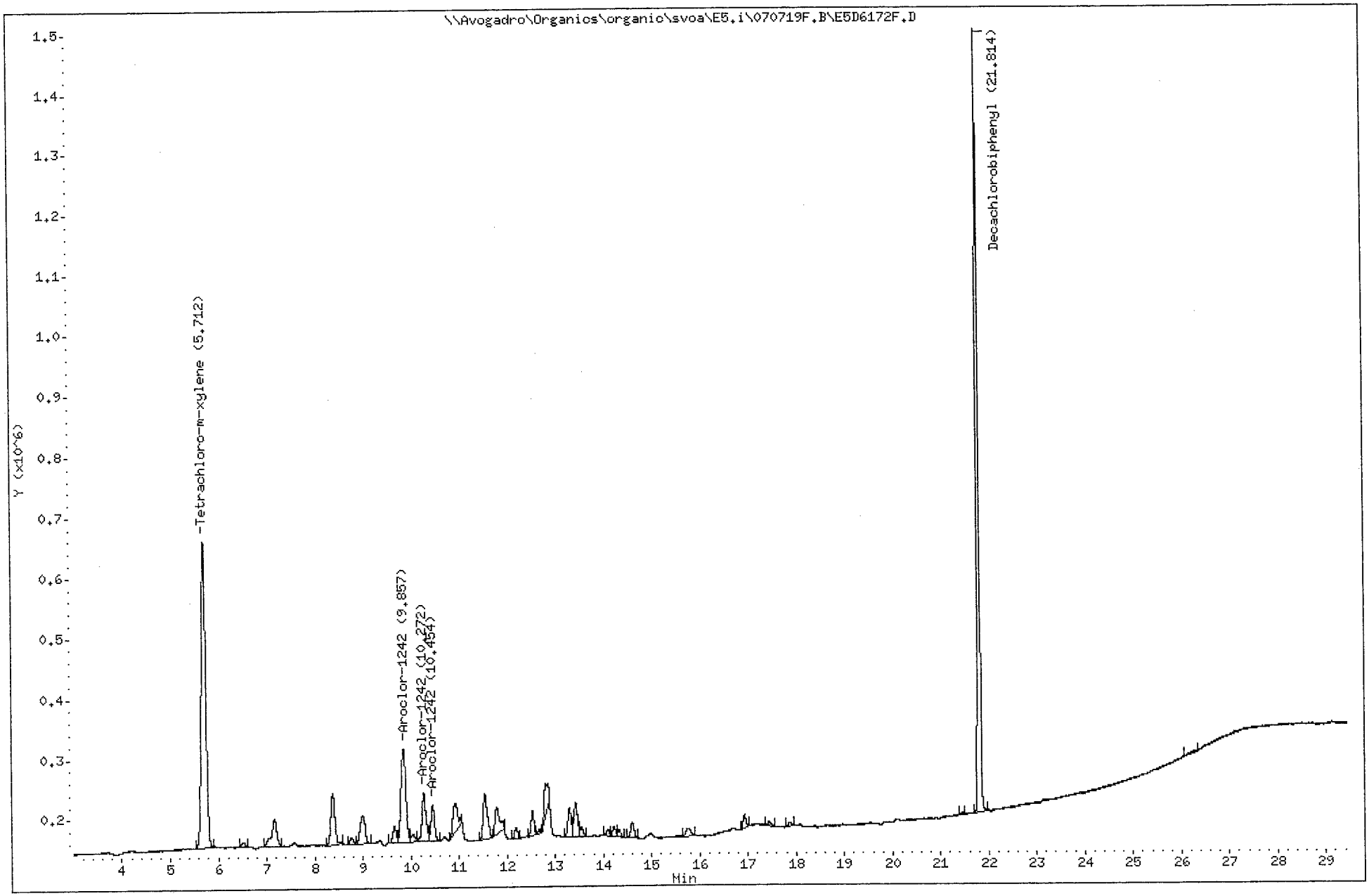
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.906	7.903	0.003	1733060	0.00500	0.018			(a)
26 Aroclor-1232					CAS #: 11141-16-5			
9.654	9.653	0.001	49140	0.10000	0.10	80.00- 120.00	100.00	(a)
11.248	11.248	0.000	139643	0.10000	0.10	264.17- 304.17	284.17	
17.275	17.275	0.000	155845	0.10000	0.10	297.14- 337.14	317.14	
Average of Peak Amounts =					0.10000			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.331	24.329	0.002	2147806	0.01000	0.018			(a)

QC Flag Legend

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

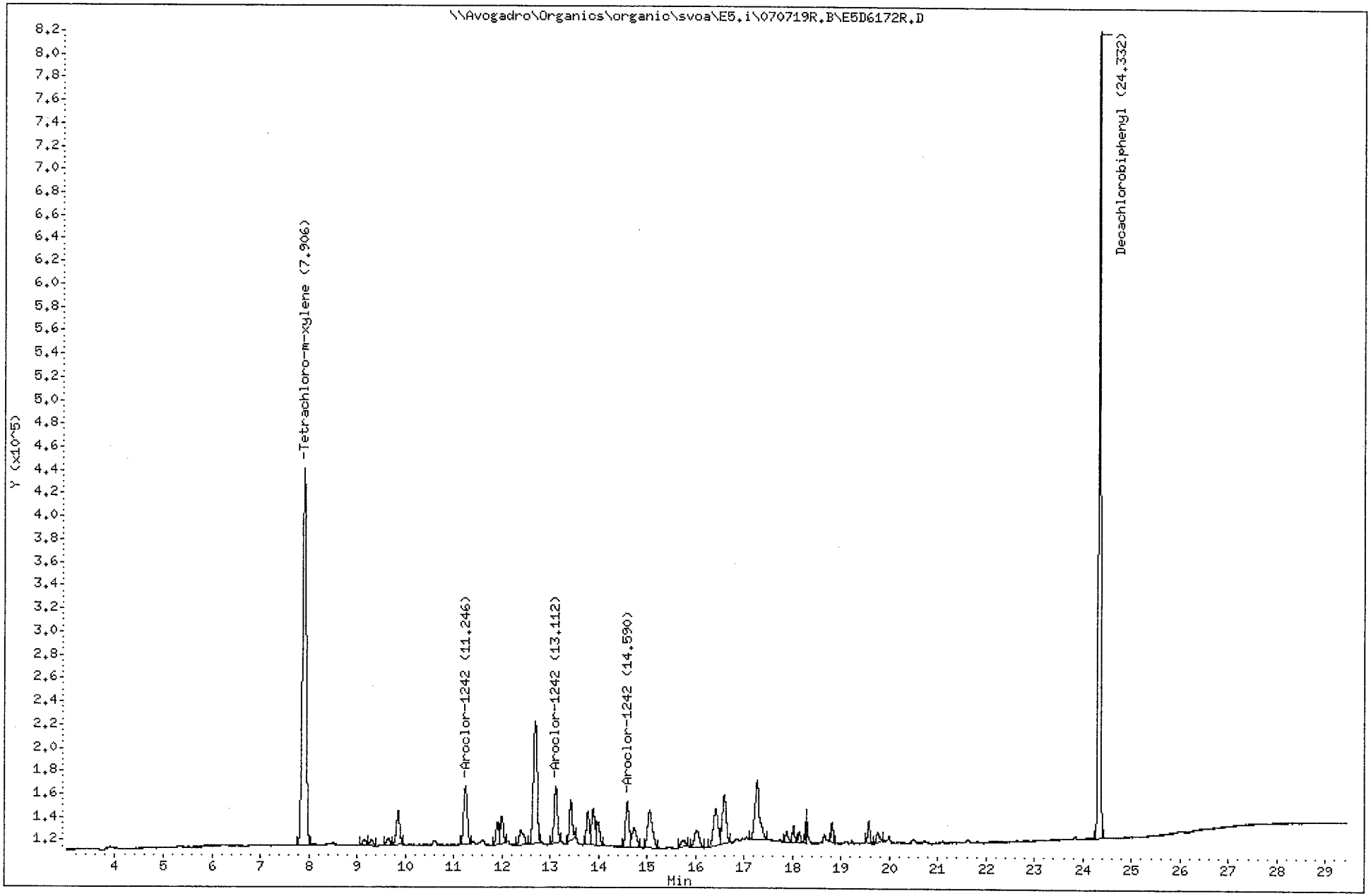
Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6172F.D
Date : 19-JUL-2007 18:49
Client ID: AR1242T5
Sample Info: AR1242T5,AR1242T5,,ar1242.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



5969

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6172R.D
Date : 19-JUL-2007 18:49
Client ID: AR1242T5
Instrument: E5.i
Sample Info: AR1242T5,AR1242T5,,ar1242.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6172F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6172F.D
Lab Smp Id: AR1242T5 Client Smp ID: AR1242T5
Inj Date : 19-JUL-2007 18:49
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1242T5,AR1242T5,,ar1242.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 18:49 Cal File: E5D6172F.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1242.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
5.711	5.711	0.000	3248562	0.00500	0.018			(a)
26 Aroclor-1242						CAS #: 53469-21-9		
9.857	9.857	0.000	1099693	0.10000	0.10	80.00- 120.00	100.00	(a)
10.271	10.271	0.000	480125	0.10000	0.10	23.66- 63.66	43.66	
10.454	10.453	0.001	293075	0.10000	0.10	6.65- 46.65	26.65	
Average of Peak Amounts =					0.10000			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
21.814	21.810	0.004	4288938	0.01000	0.018			(a)

QC Flag Legend

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

Data File: E5D6172R.D
Report Date: 20-Jul-2007 10:06

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6172R.D
Lab Smp Id: AR1242T5 Client Smp ID: AR1242T5
Inj Date : 19-JUL-2007 18:49
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1242T5,AR1242T5,,ar1242.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1242.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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			
7.905	7.903	0.002	1739094	0.00500	0.018			(a)
27 Aroclor-1242					CAS #: 53469-21-9			
11.245	11.246	-0.001	267750	0.10000	0.10	80.00- 120.00	100.00	(a)
13.112	13.112	0.000	225521	0.10000	0.10	64.23- 104.23	84.23	
14.589	14.589	0.000	194882	0.10000	0.10	52.79- 92.79	72.79	
Average of Peak Amounts =					0.10000			
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.331	24.329	0.002	2167853	0.01000	0.018			(a)

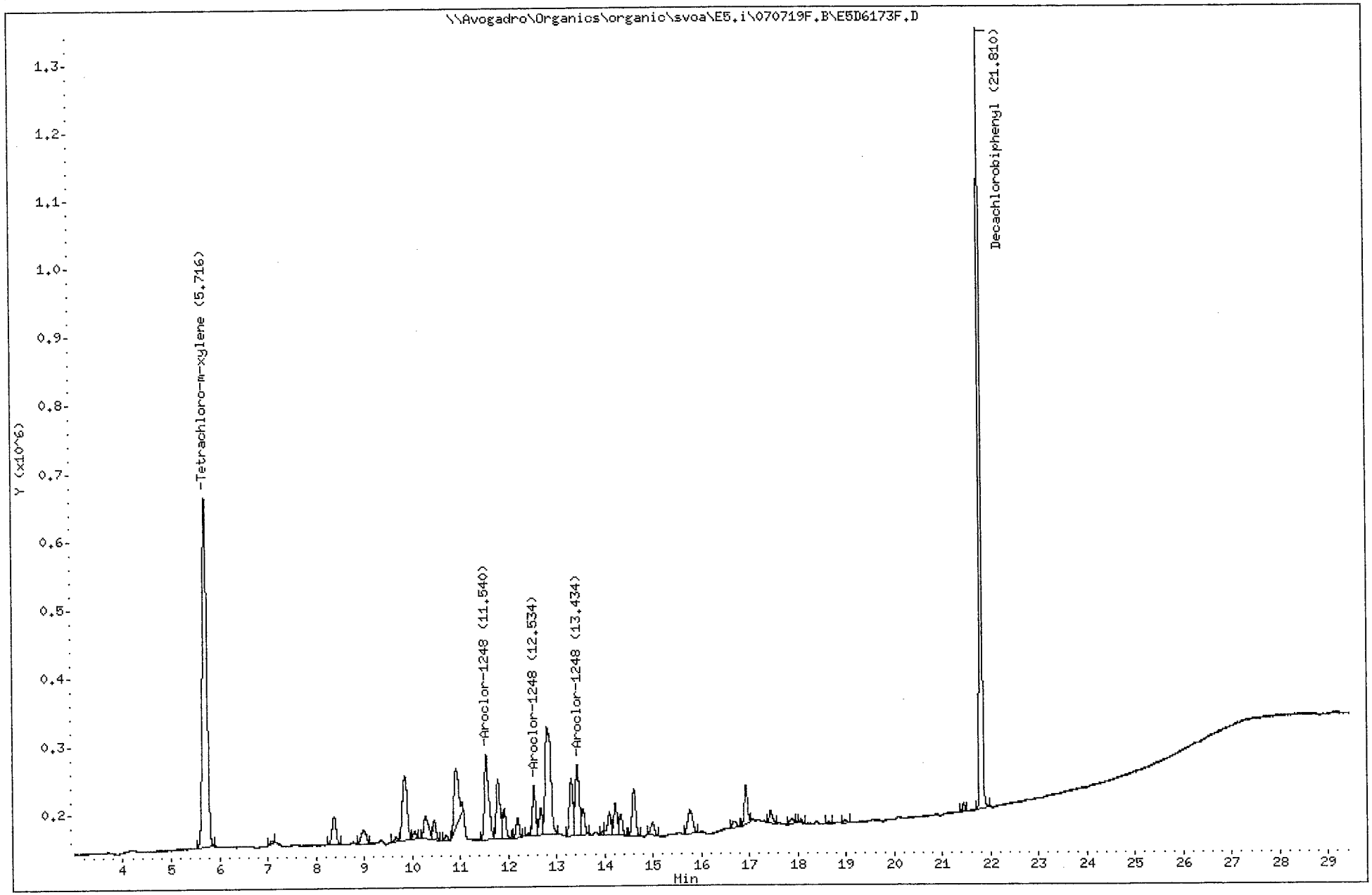
7/20/07

QC Flag Legend

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

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6173F.D
Date : 19-JUL-2007 19:22
Client ID: AR1248T5
Sample Info: AR1248T5,AR1248T5,,ar1248.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

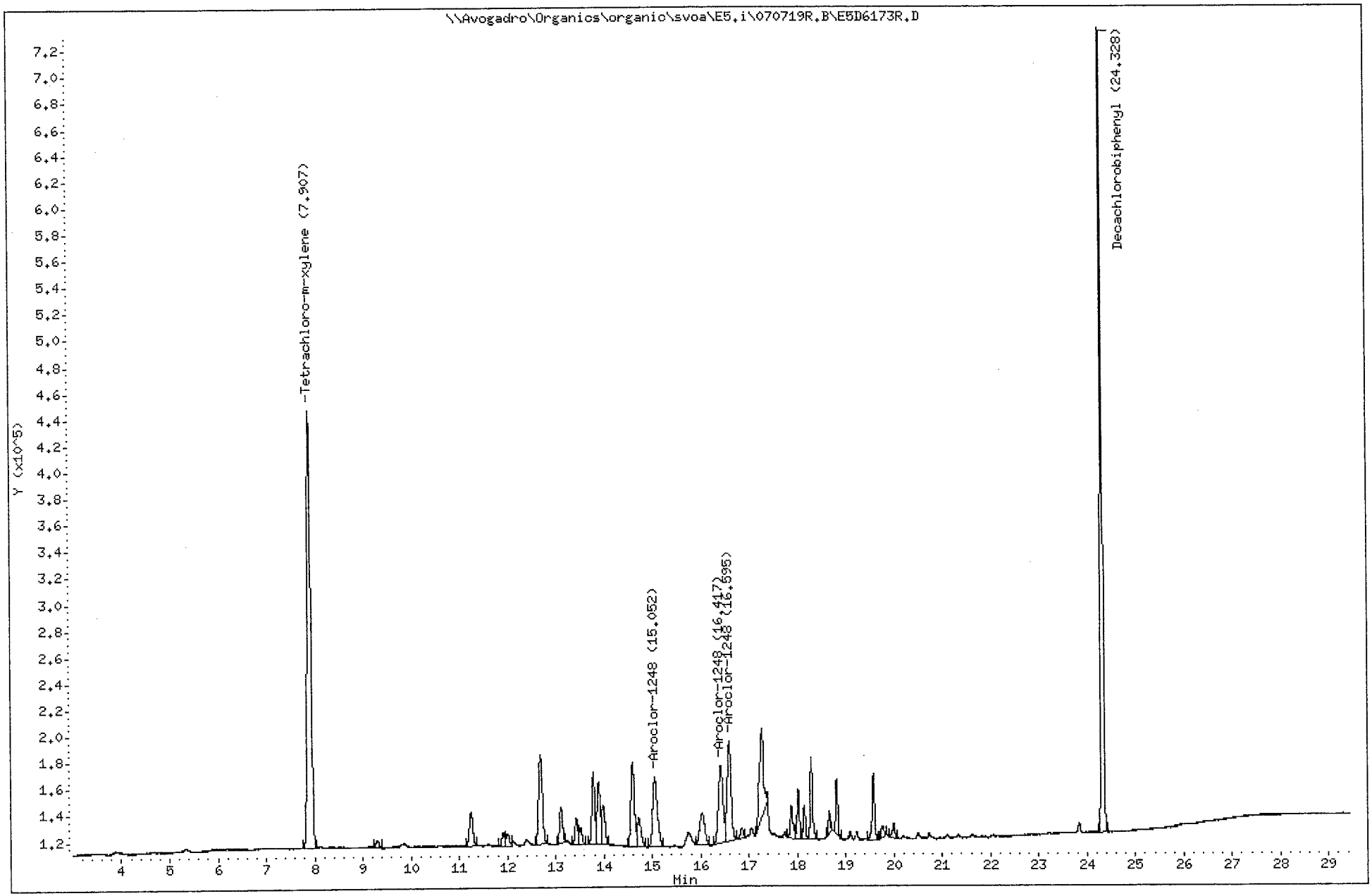
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



6669

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6173R.D
Date : 19-JUL-2007 19:22
Client ID: AR1248T5
Sample Info: AR1248T5,AR1248T5,,ar1248,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



6696T

Data File: E5D6173F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6173F.D
Lab Smp Id: AR1248T5 Client Smp ID: AR1248T5
Inj Date : 19-JUL-2007 19:22
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1248T5,AR1248T5,,ar1248.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 19:22 Cal File: E5D6173F.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1248.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.715	5.711	0.004	3266192	0.00500	0.018			(a)
27 Aroclor-1248					CAS #: 12672-29-6			
11.539	11.539	0.000	766383	0.10000	0.10	80.00- 120.00	100.00	(a)
12.534	12.533	0.001	333752	0.10000	0.10	23.55- 63.55	43.55	
13.434	13.433	0.001	593066	0.10000	0.10	57.39- 97.39	77.39	
Average of Peak Amounts =					0.10000			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.809	21.810	-0.001	3753164	0.01000	0.015			(a)

QC Flag Legend

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

Data File: E5D6173R.D
Report Date: 20-Jul-2007 10:06

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6173R.D
Lab Smp Id: AR1248T5 Client Smp ID: AR1248T5
Inj Date : 19-JUL-2007 19:22
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1248T5,AR1248T5,,ar1248.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1248.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.906	7.903	0.003	1762347	0.00500	0.018			(a)
28 Aroclor-1248					CAS #: 12672-29-6			
15.052	15.051	0.001	353913	0.10000	0.10	80.00- 120.00	100.00	(a)
16.417	16.417	0.000	388818	0.10000	0.10	89.86- 129.86	109.86	
16.594	16.594	0.000	442080	0.10000	0.10	104.91- 144.91	124.91	
Average of Peak Amounts =				0.10000				
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.328	24.329	-0.001	1896014	0.01000	0.016			(a)

7/20/07

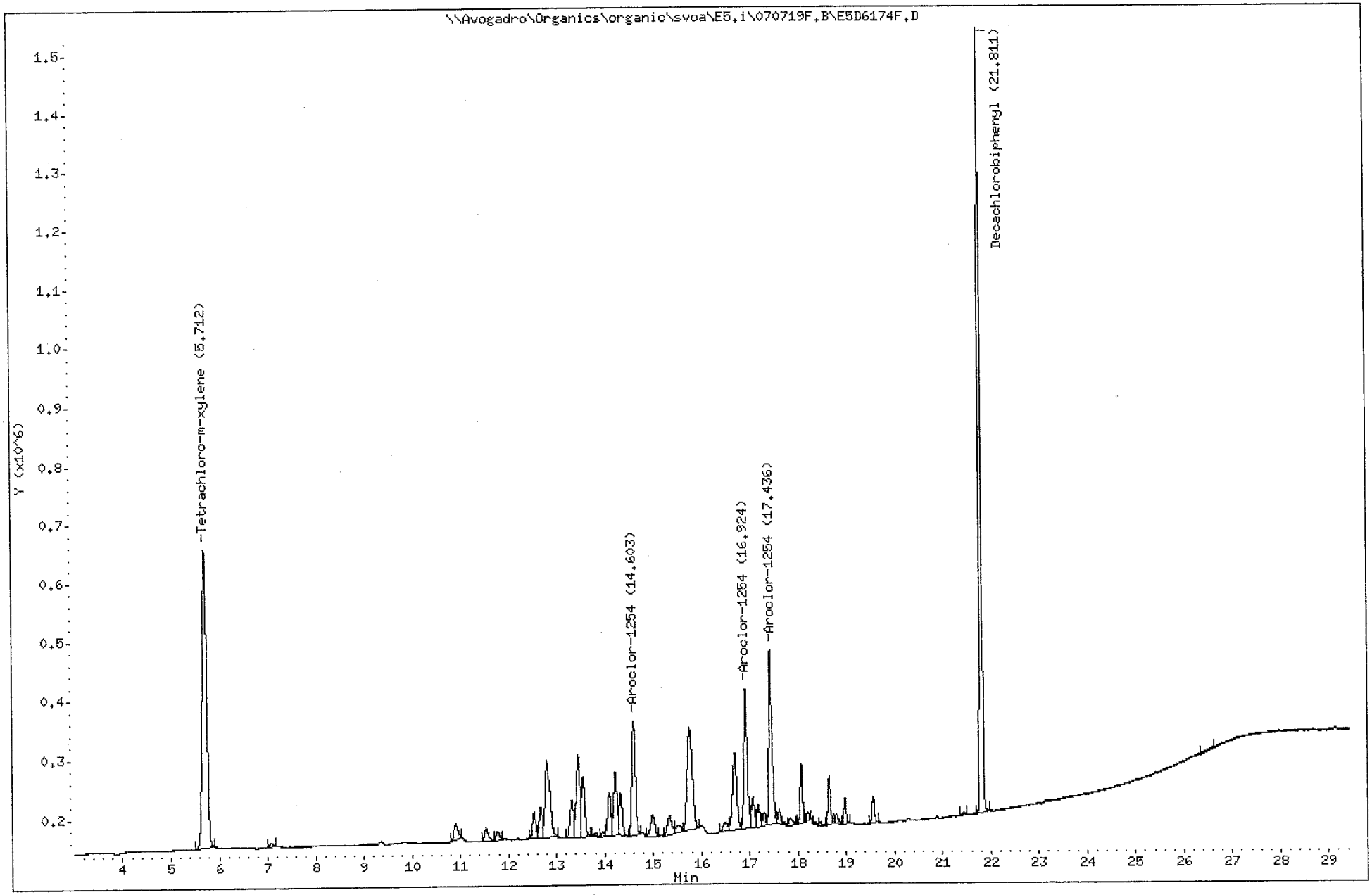
QC Flag Legend

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

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6174F.D
Date : 19-JUL-2007 19:55
Client ID: AR1254T5
Sample Info: AR1254T5,AR1254T5,,ar1254.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

Instrument: E5.i

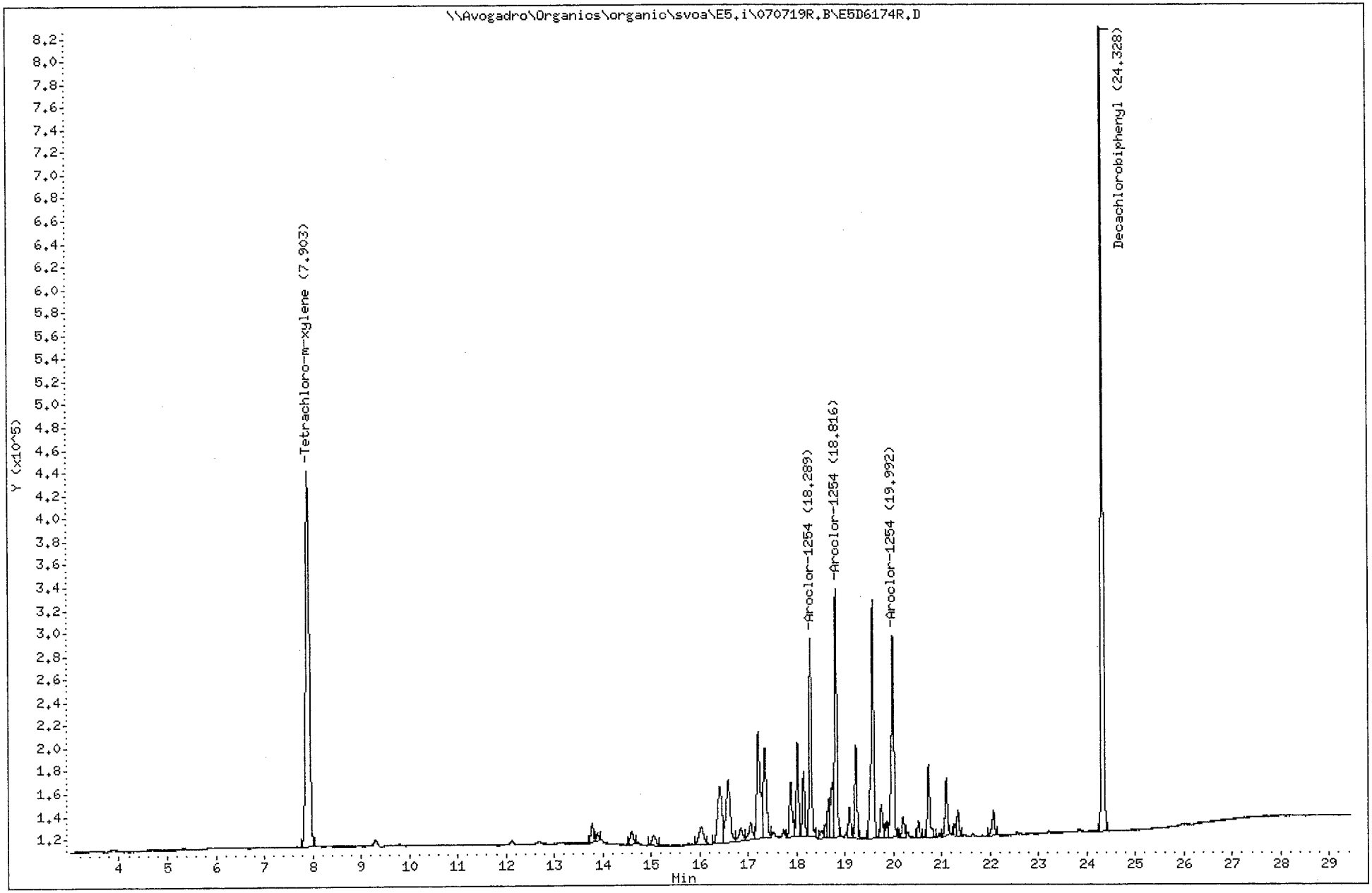
Operator: SZ SRC: SZ
Column diameter: 0.53



C90T

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6174R.D
Date : 19-JUL-2007 19:55
Client ID: AR1254T5
Sample Info: AR1254T5,AR1254T5,,ar1254,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5D6174F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6174F.D
Lab Smp Id: AR1254T5 Client Smp ID: AR1254T5
Inj Date : 19-JUL-2007 19:55
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1254T5,AR1254T5,,ar1254.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 19:55 Cal File: E5D6174F.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.712	5.711	0.001	3222838	0.00500	0.018			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.811	21.810	0.001	4346336	0.01000	0.018			(a)
28 Aroclor-1254					CAS #: 11097-69-1			
14.603	14.602	0.001	1005990	0.10000	0.10	80.00- 120.00	100.00	(a)
16.923	16.923	0.000	1118814	0.10000	0.10	91.22- 131.22	111.22	
17.436	17.436	0.000	1330415	0.10000	0.10	112.25- 152.25	132.25	
Average of Peak Amounts =				0.10000				

7/20/07

QC Flag Legend

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

Data File: E5D6174R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6174R.D
Lab Smp Id: AR1254T5 Client Smp ID: AR1254T5
Inj Date : 19-JUL-2007 19:55
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1254T5,AR1254T5,,ar1254.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1254.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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			
7.903	7.903	0.000	1739079	0.00500	0.018			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.328	24.329	-0.001	2203953	0.01000	0.018			(a)
29 Aroclor-1254					CAS #: 11097-69-1			
18.288	18.289	-0.001	559598	0.10000	0.10	80.00- 120.00	100.00	(a)
18.815	18.816	-0.001	704909	0.10000	0.10	105.97- 145.97	125.97	
19.992	19.991	0.001	662204	0.10000	0.10	98.34- 138.34	118.34	
Average of Peak Amounts =					0.10000			

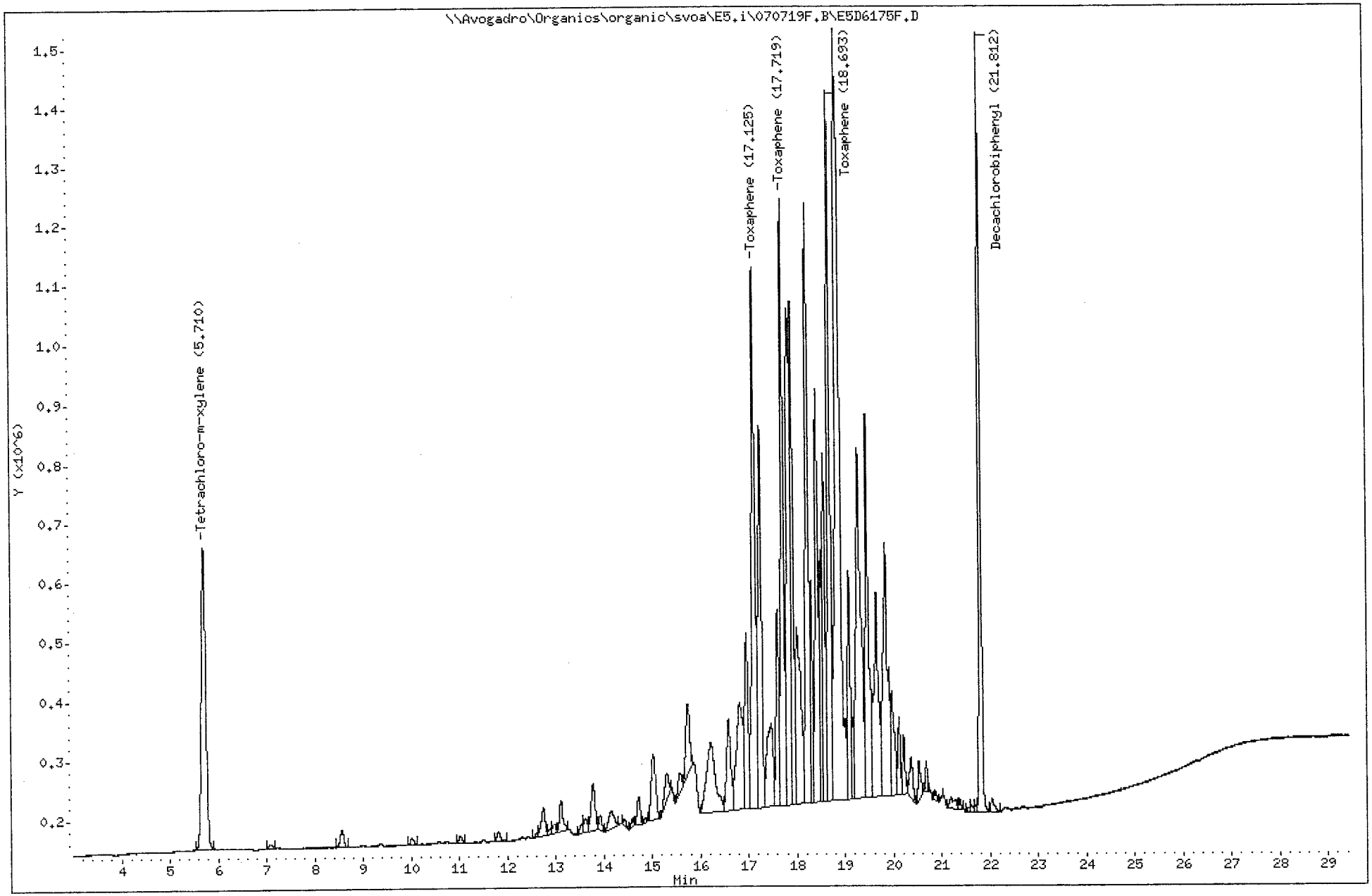
K 7/20/07

QC Flag Legend

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

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6175F.D
Date : 19-JUL-2007 20:28
Client ID: TOXAPHT5
Sample Info: TOXAPHT5,TOXAPHT5,,toxaph.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

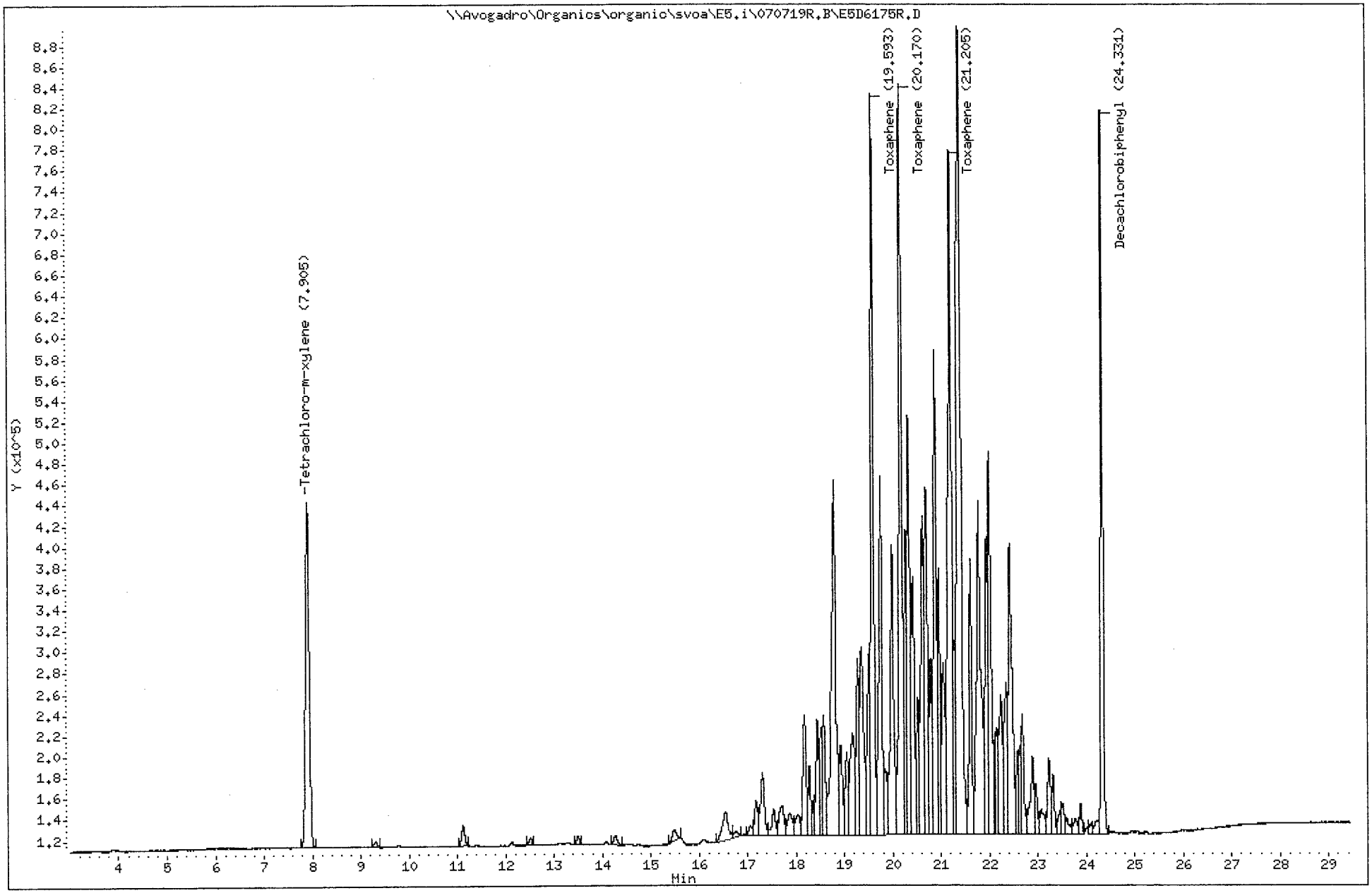
Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



1681

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6175R.D
Date : 19-JUL-2007 20:28
Client ID: TOXAPHT5
Sample Info: TOXAPHT5,TOXAPHT5,,toxaph.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



5961

Data File: E5D6175F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6175F.D
Lab Smp Id: TOXAPHT5 Client Smp ID: TOXAPHT5
Inj Date : 19-JUL-2007 20:28
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : TOXAPHT5,TOXAPHT5,,toxaph.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 20:28 Cal File: E5D6175F.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: toxaph.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.710	5.711	-0.001	3237473	0.00500	0.018		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.812	21.810	0.002	4408501	0.01000	0.018		(a)
30 Toxaphene					CAS #: 8001-35-2		
17.125	17.127	-0.002	4421687	0.50000	0.50	80.00- 120.00	100.00(a)
17.718	17.719	-0.001	3998039	0.50000	0.50	70.42- 110.42	90.42
18.692	18.691	0.001	4857885	0.50000	0.50	89.86- 129.86	109.86
		Average of Peak Amounts =			0.50000		

7/20/07

QC Flag Legend

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

Data File: E5D6175R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6175R.D
Lab Smp Id: TOXAPHT5 Client Smp ID: TOXAPHT5
Inj Date : 19-JUL-2007 20:28
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : TOXAPHT5,TOXAPHT5,,toxaph.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 9 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: toxaph.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

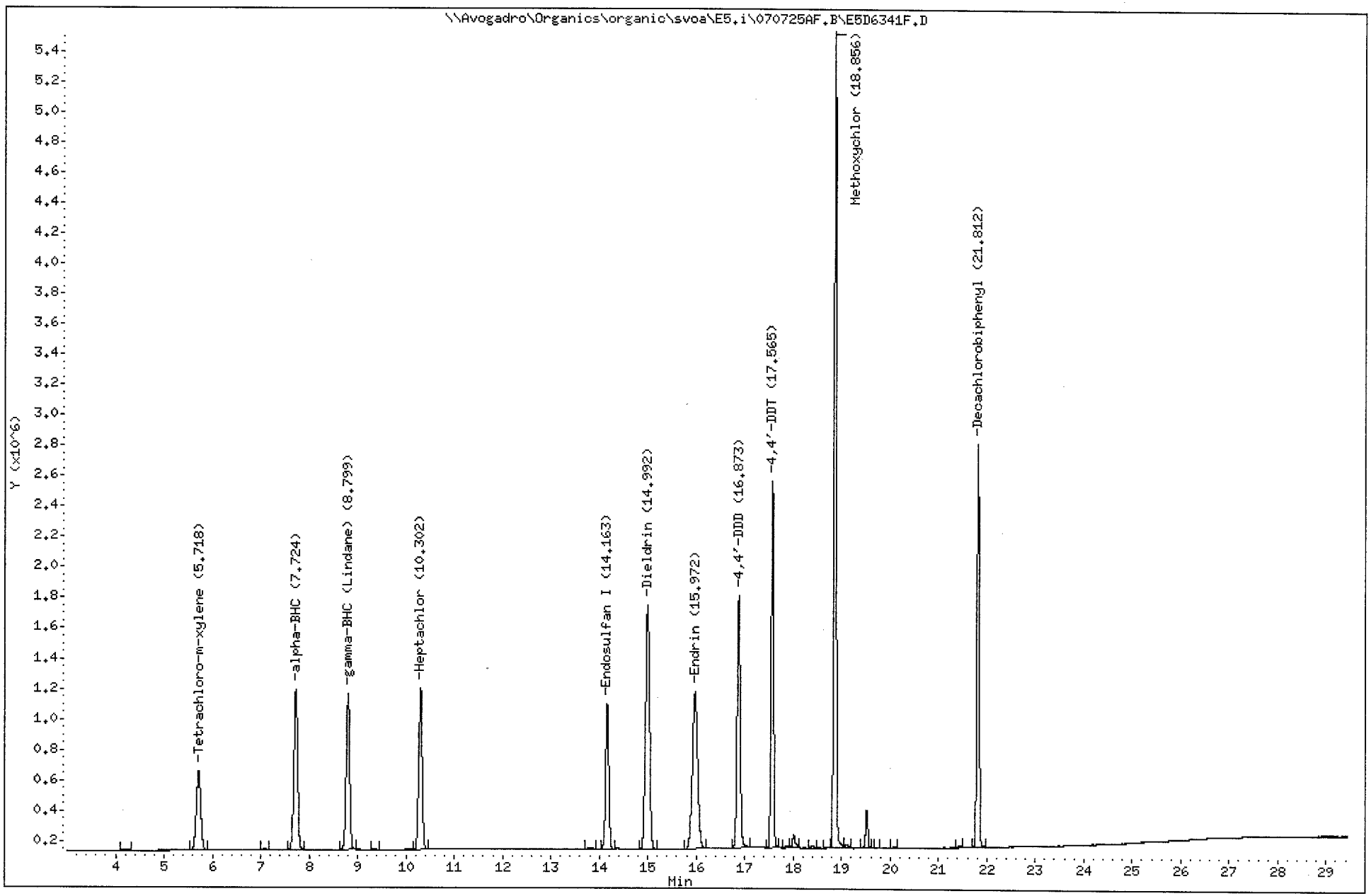
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.905	7.903	0.002	1748306	0.00500	0.018			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.331	24.329	0.002	2222813	0.01000	0.018			(a)
31 Toxaphene					CAS #: 8001-35-2			
19.592	19.591	0.001	2652400	0.50000	0.50	80.00- 120.00	100.00	(a)
20.170	20.170	0.000	3182079	0.50000	0.50	99.97- 139.97	119.97	
21.204	21.202	0.002	3405746	0.50000	0.50	108.40- 148.40	128.40	
Average of Peak Amounts =					0.50000			

7/20/07

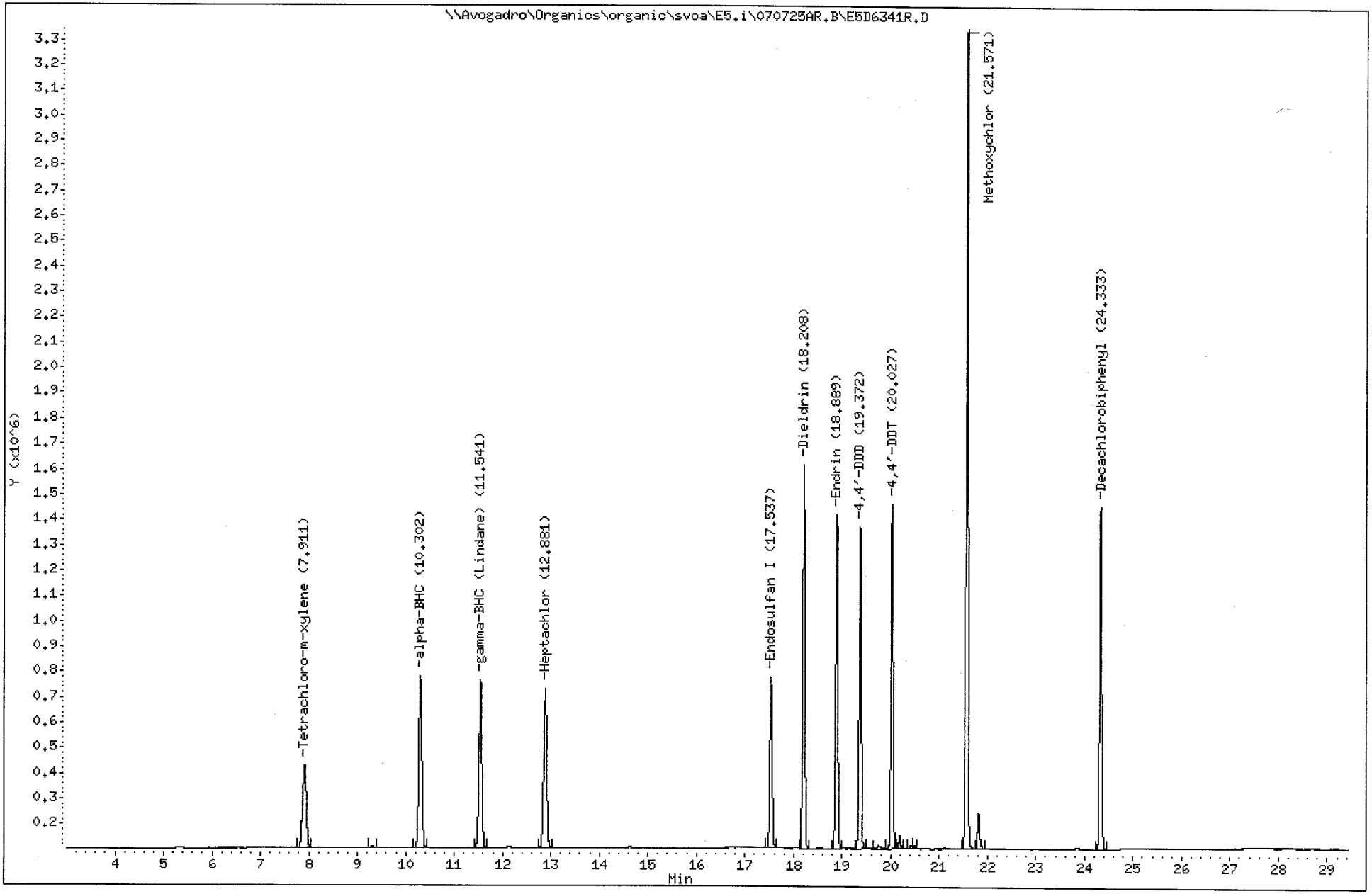
QC Flag Legend

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

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6341F.D
Date : 27-JUL-2007 01:56
Client ID: INDAMTI
Instrument: E5.i
Sample Info: INDAMTI,INDAMTI,,inda,sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6341R.D
Date : 27-JUL-2007 01:56
Client ID: INDAMTI
Instrument: E5.i
Sample Info: INDAMTI,INDAMTI,,inda.sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPESTII
Column diameter: 0.53



2101

Data File: E5D6341F.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6341F.D
Lab Smp Id: INDAMTI Client Smp ID: INDAMTI
Inj Date : 27-JUL-2007 01:56
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : INDAMTI,INDAMTI,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\clp-e5f.m
Meth Date : 07-Aug-2007 17:01 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 35 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.718	5.711	0.007	3294663	0.02000	0.018			(a)
3 alpha-BHC					CAS #: 319-84-6			
7.724	7.719	0.005	5631773	0.02000	0.018			(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.799	8.794	0.005	5136090	0.02000	0.018			(a)
5 Heptachlor					CAS #: 76-44-8			
10.301	10.297	0.004	5275056	0.02000	0.018			(a)
10 Endosulfan I					CAS #: 959-98-8			
14.163	14.158	0.005	4283883	0.02000	0.018			(a)
14 Dieldrin					CAS #: 60-57-1			
14.991	14.986	0.005	9243876	0.04000	0.035			(a)

8/9/07

Data File: E5D6341F.D
Report Date: 09-Aug-2007 13:08

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
15 Endrin					CAS #: 72-20-8			
15.971	15.963	0.008	7747184	0.04000	0.039			(a)
16 4,4'-DDD					CAS #: 72-54-8			
16.872	16.870	0.002	7390490	0.04000	0.037			(a)
18 4,4'-DDT					CAS #: 50-29-3			
17.565	17.561	0.004	8186697	0.04000	0.036			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.855	18.856	-0.001	18095166	0.20000	0.18			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.811	21.810	0.001	8637043	0.04000	0.036			(a)

QC Flag Legend

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

KS 8/9/07

Data File: E5D6341R.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6341R.D
Lab Smp Id: INDAMTI Client Smp ID: INDAMTI
Inj Date : 27-JUL-2007 01:56
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : INDAMTI,INDAMTI,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\clp-e5r.m
Meth Date : 07-Aug-2007 17:05 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 35 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.910	7.903	0.007	1716991	0.02000	0.018			(a)
4 alpha-BHC					CAS #: 319-84-6			
10.301	10.295	0.006	2986068	0.02000	0.017			(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
11.540	11.536	0.004	2749278	0.02000	0.017			(a)
6 Heptachlor					CAS #: 76-44-8			
12.880	12.875	0.005	2749772	0.02000	0.017			(a)
11 Endosulfan I					CAS #: 959-98-8			
17.536	17.530	0.006	2265974	0.02000	0.017			(a)
15 Dieldrin					CAS #: 60-57-1			
18.207	18.203	0.004	4891707	0.04000	0.034			(a)
16 Endrin					CAS #: 72-20-8			
18.889	18.885	0.004	4100479	0.04000	0.038			(a)

8/10/07

Data File: E5D6341R.D
Report Date: 09-Aug-2007 13:08

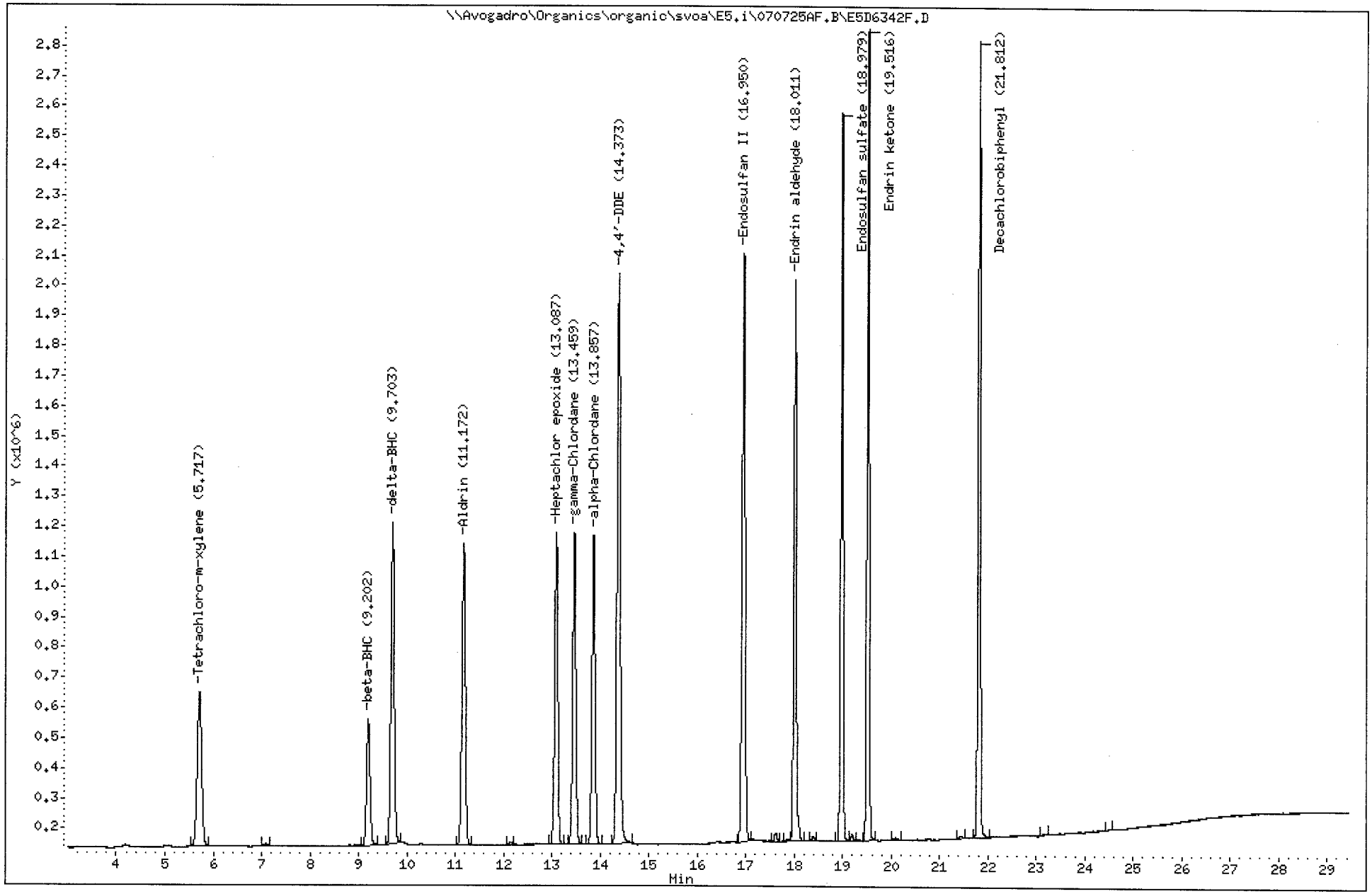
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
17 4,4'-DDD					CAS #: 72-54-8			
19.371	19.368	0.003	3811466	0.04000	0.034			(a)
19 4,4'-DDT					CAS #: 50-29-3			
20.026	20.023	0.003	4068442	0.04000	0.035			(a)
22 Methoxychlor					CAS #: 72-43-5			
21.570	21.566	0.004	9689125	0.20000	0.17			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.332	24.329	0.003	4159427	0.04000	0.034			(a)

QC Flag Legend

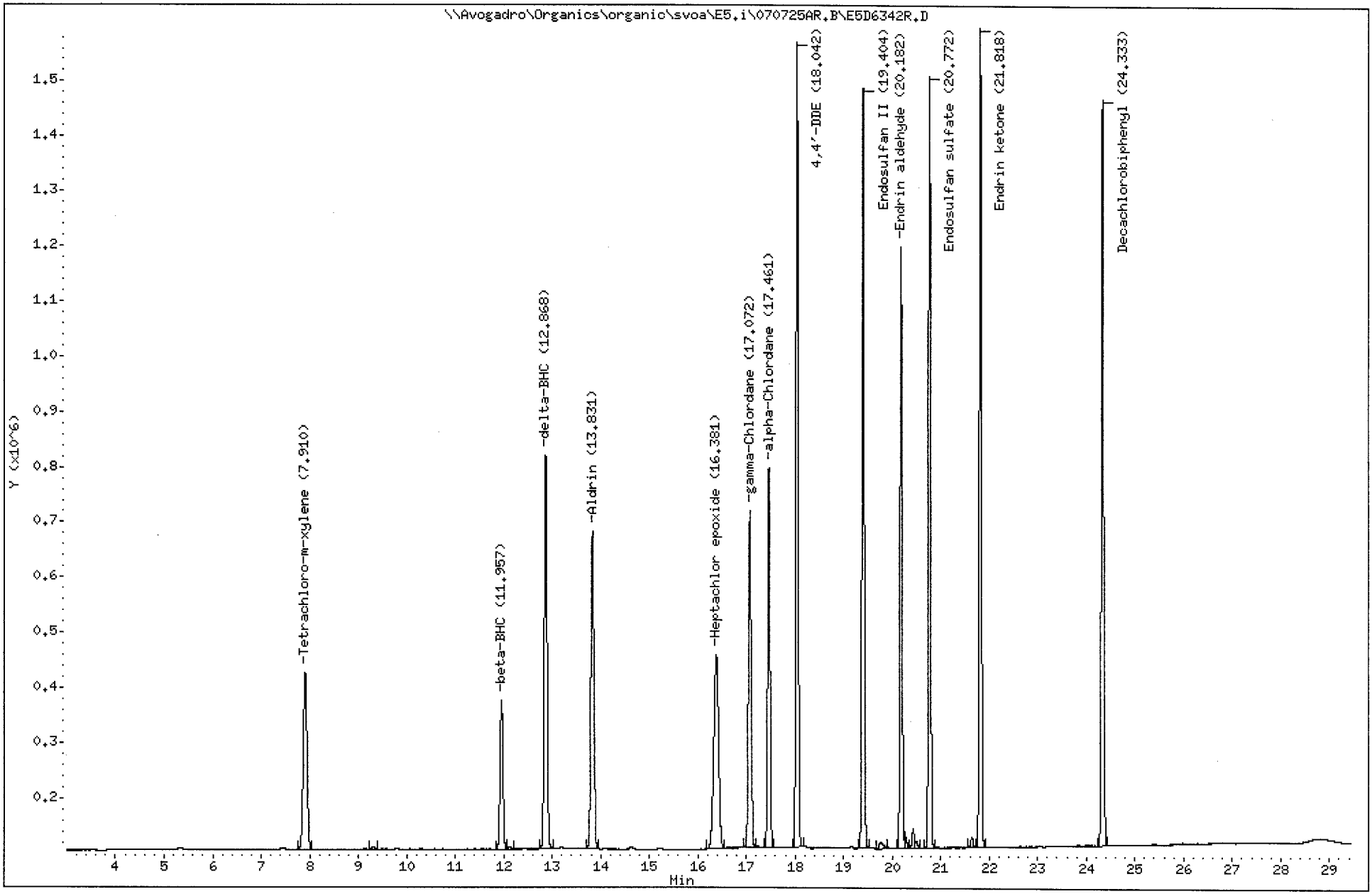
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

5/09/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6342F.D
Date : 27-JUL-2007 02:29
Client ID: INDBMTI
Instrument: E5.i
Sample Info: INDBMTI,INDBMTI,,indb,sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6342R.D
Date : 27-JUL-2007 02:29
Client ID: INDBMTI
Instrument: E5.i
Sample Info: INDBMTI,INDBMTI,,indb.sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPESTII
Column diameter: 0.53



01961

Data File: E5D6342F.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6342F.D
Lab Smp Id: INDBMTI Client Smp ID: INDBMTI
Inj Date : 27-JUL-2007 02:29
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : INDBMTI,INDBMTI,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\clp-e5f.m
Meth Date : 07-Aug-2007 17:01 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 36 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.716	5.711	0.005	3245562	0.02000	0.018		(a)
6 Aldrin					CAS #: 309-00-2		
11.172	11.170	0.002	4811336	0.02000	0.018		(a)
7 beta-BHC					CAS #: 319-85-7		
9.201	9.197	0.004	2081199	0.02000	0.018		(a)
8 delta-BHC					CAS #: 319-86-8		
9.703	9.699	0.004	5047148	0.02000	0.018		(a)
9 Heptachlor epoxide					CAS #: 1024-57-3		
13.087	13.083	0.004	4615077	0.02000	0.018		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
13.459	13.454	0.005	4594248	0.02000	0.018		(a)

8.9.07

Data File: E5D6342F.D
Report Date: 09-Aug-2007 13:08

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
12 alpha-Chlordane					CAS #: 5103-71-9			
13.856	13.853	0.003	4511866	0.02000	0.018			(a)
13 4,4'-DDE					CAS #: 72-55-9			
14.373	14.370	0.003	8804165	0.04000	0.036			(a)
17 Endosulfan II					CAS #: 33213-65-9			
16.949	16.949	0.000	8303727	0.04000	0.036			(a)
19 Endrin aldehyde					CAS #: 7421-93-4			
18.010	18.007	0.003	6482295	0.04000	0.035			(a)
20 Endosulfan sulfate					CAS #: 1031-07-8			
18.979	18.976	0.003	7844396	0.04000	0.038			(a)
22 Endrin ketone					CAS #: 53494-70-5			
19.515	19.515	0.000	8595710	0.04000	0.038			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.812	21.810	0.002	8605998	0.04000	0.035			(a)

QC Flag Legend

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

8/9/07

Data File: E5D6342R.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6342R.D
Lab Smp Id: INDBMTI Client Smp ID: INDBMTI
Inj Date : 27-JUL-2007 02:29
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : INDBMTI,INDBMTI,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\clp-e5r.m
Meth Date : 07-Aug-2007 17:05 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 36 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.909	7.903	0.006	1701651	0.02000	0.017		(a)
7 Aldrin					CAS #: 309-00-2		
13.830	13.828	0.002	2479513	0.02000	0.017		(a)
8 beta-BHC					CAS #: 319-85-7		
11.956	11.953	0.003	1132322	0.02000	0.018		(a)
9 delta-BHC					CAS #: 319-86-8		
12.868	12.863	0.005	2800424	0.02000	0.018		(a)
10 Heptachlor epoxide					CAS #: 1024-57-3		
16.380	16.376	0.004	2431168	0.02000	0.017		(a)
12 gamma-Chlordane					CAS #: 5103-74-2		
17.072	17.066	0.006	2363589	0.02000	0.018		(a)
13 alpha-Chlordane					CAS #: 5103-71-9		
17.460	17.456	0.004	2291282	0.02000	0.017		(a)

8/10/07

Data File: E5D6342R.D
Report Date: 09-Aug-2007 13:08

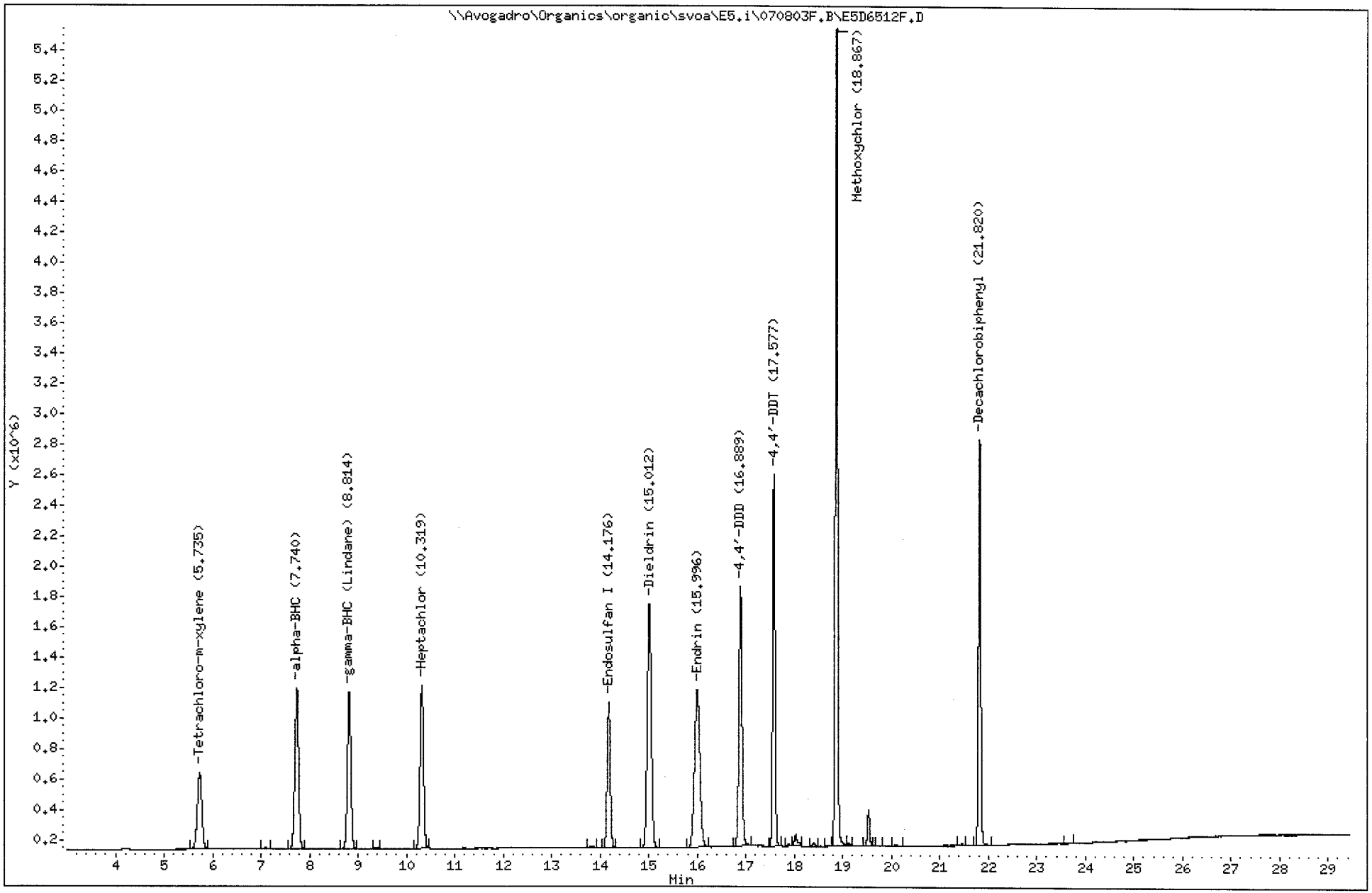
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 4,4'-DDE					CAS #: 72-55-9			
18.042	18.038	0.004	4562684	0.04000	0.034			(a)
18 Endosulfan II					CAS #: 33213-65-9			
19.404	19.399	0.005	4232319	0.04000	0.034			(a)
20 Endrin aldehyde					CAS #: 7421-93-4			
20.181	20.177	0.004	3259928	0.04000	0.034			(a)
21 Endosulfan sulfate					CAS #: 1031-07-8			
20.771	20.766	0.005	4179427	0.04000	0.036			(a)
23 Endrin ketone					CAS #: 53494-70-5			
21.818	21.813	0.005	4383886	0.04000	0.037			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.333	24.329	0.004	4149230	0.04000	0.034			(a)

QC Flag Legend

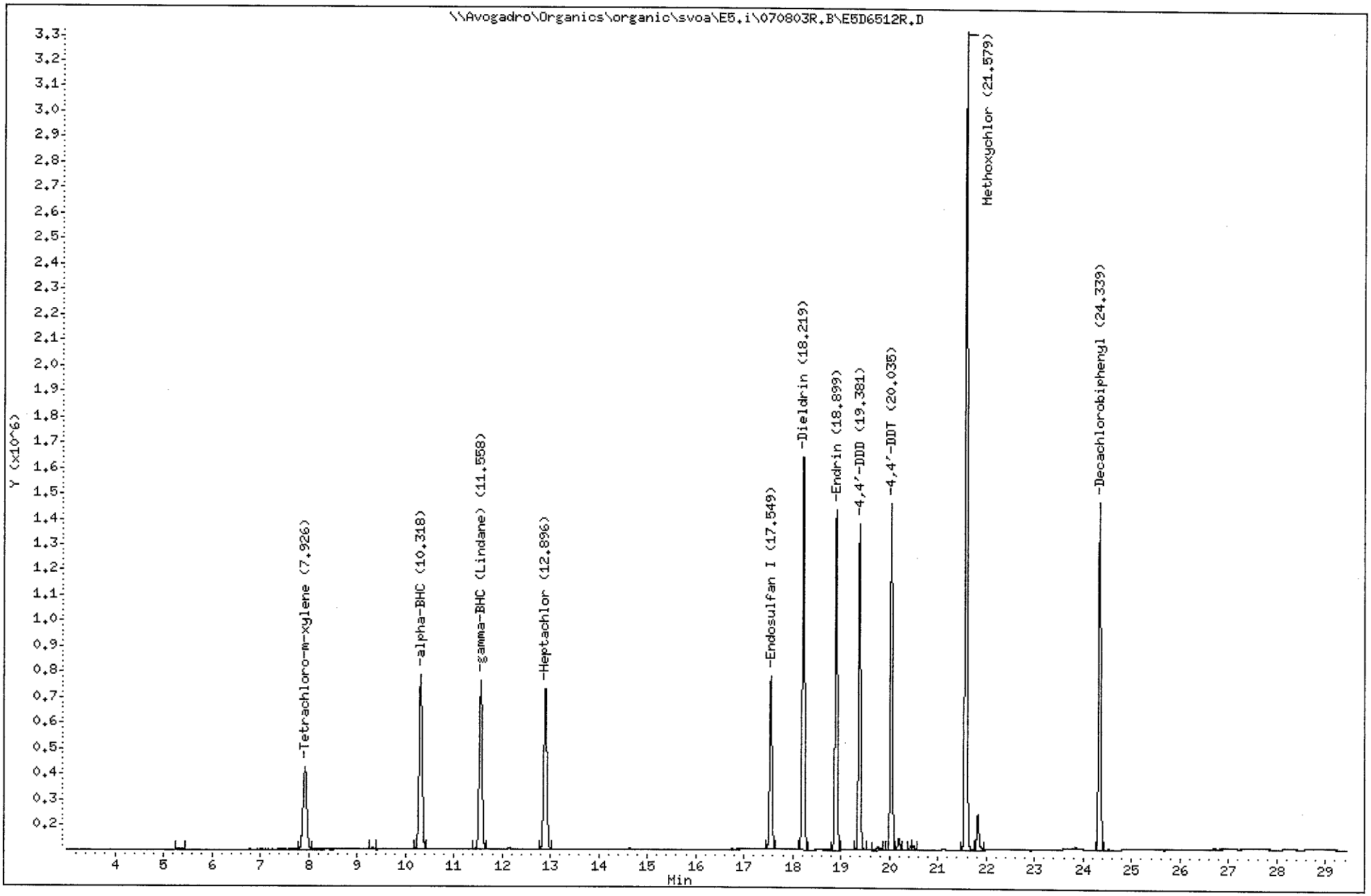
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

8/10/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6512F.D
Date : 03-AUG-2007 20:23
Client ID: INDAMUQ
Instrument: E5.i
Sample Info: INDAMUQ,INDAMUQ,,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\070803R.B\E5D6512R.D
Date : 03-AUG-2007 20:23
Client ID: INDAMUQ
Instrument: E5.i
Sample Info: INDAMUQ,INDAMUQ,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6512F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6512F.D
Lab Smp Id: INDAMUQ Client Smp ID: INDAMUQ
Inj Date : 03-AUG-2007 20:23
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMUQ,INDAMUQ,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 11 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
5.735	5.711	0.024	3308146	0.02000	0.018			(a)
3 alpha-BHC						CAS #: 319-84-6		
7.740	7.719	0.021	5672753	0.02000	0.018			(a)
4 gamma-BHC (Lindane)						CAS #: 58-89-9		
8.814	8.794	0.020	5179276	0.02000	0.018			(a)
5 Heptachlor						CAS #: 76-44-8		
10.318	10.297	0.021	5314490	0.02000	0.018			(a)
10 Endosulfan I						CAS #: 959-98-8		
14.176	14.158	0.018	4324375	0.02000	0.018			(a)
14 Dieldrin						CAS #: 60-57-1		
15.011	14.986	0.025	9327822	0.04000	0.036			(a)
15 Endrin						CAS #: 72-20-8		
15.996	15.963	0.033	7907230	0.04000	0.040			(a)

KC 8/09/07

Data File: E5D6512F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
16 4,4'-DDD					CAS #: 72-54-8			
16.889	16.870	0.019	7497786	0.04000	0.037			(a)
18 4,4'-DDT					CAS #: 50-29-3			
17.576	17.561	0.015	8188010	0.04000	0.036			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.866	18.856	0.010	17950008	0.20000	0.18			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.820	21.810	0.010	8614543	0.04000	0.035			(a)

QC Flag Legend

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

8/09/07

Data File: E5D6512R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6512R.D
Lab Smp Id: INDAMUQ Client Smp ID: INDAMUQ
Inj Date : 03-AUG-2007 20:23
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMUQ,INDAMUQ,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 11 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.926	7.903	0.023	1736117	0.02000	0.018			(a)
4 alpha-BHC					CAS #: 319-84-6			
10.317	10.295	0.022	3013210	0.02000	0.018			(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
11.557	11.536	0.021	2785688	0.02000	0.018			(a)
6 Heptachlor					CAS #: 76-44-8			
12.896	12.875	0.021	2776584	0.02000	0.017			(a)
11 Endosulfan I					CAS #: 959-98-8			
17.549	17.530	0.019	2283892	0.02000	0.017			(a)
15 Dieldrin					CAS #: 60-57-1			
18.219	18.203	0.016	4912352	0.04000	0.035			(a)
16 Endrin					CAS #: 72-20-8			
18.899	18.885	0.014	4154465	0.04000	0.039			(a)

8/09/07

Data File: E5D6512R.D
Report Date: 09-Aug-2007 13:28

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
17 4,4'-DDD					CAS #: 72-54-8		
19.381	19.368	0.013	3838480	0.04000	0.035		(a)
19 4,4'-DDT					CAS #: 50-29-3		
20.035	20.023	0.012	4057387	0.04000	0.035		(a)
22 Methoxychlor					CAS #: 72-43-5		
21.579	21.566	0.013	9618440	0.20000	0.17		(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.338	24.329	0.009	4129789	0.04000	0.034		(a)

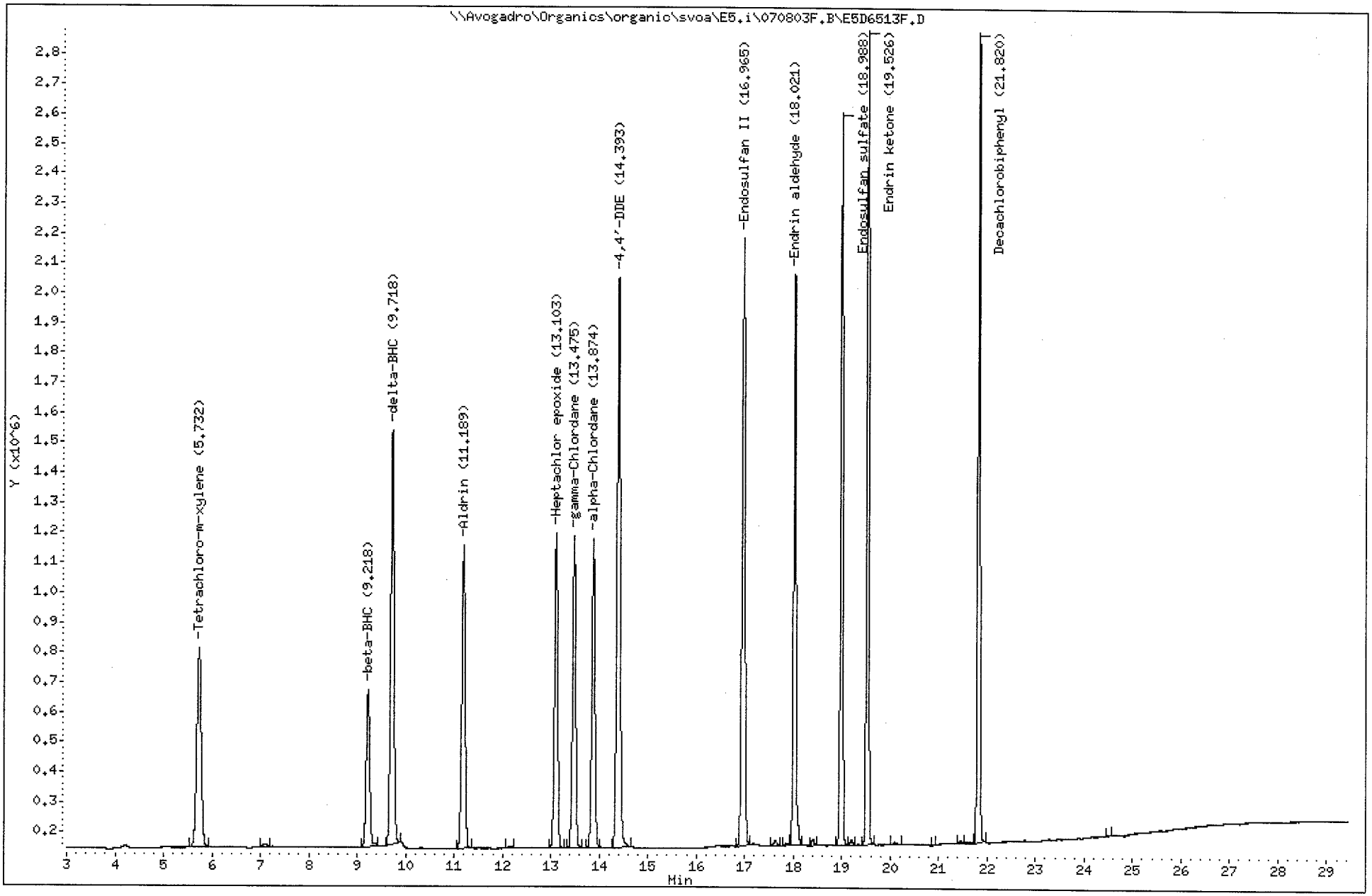
QC Flag Legend

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

8/09/07

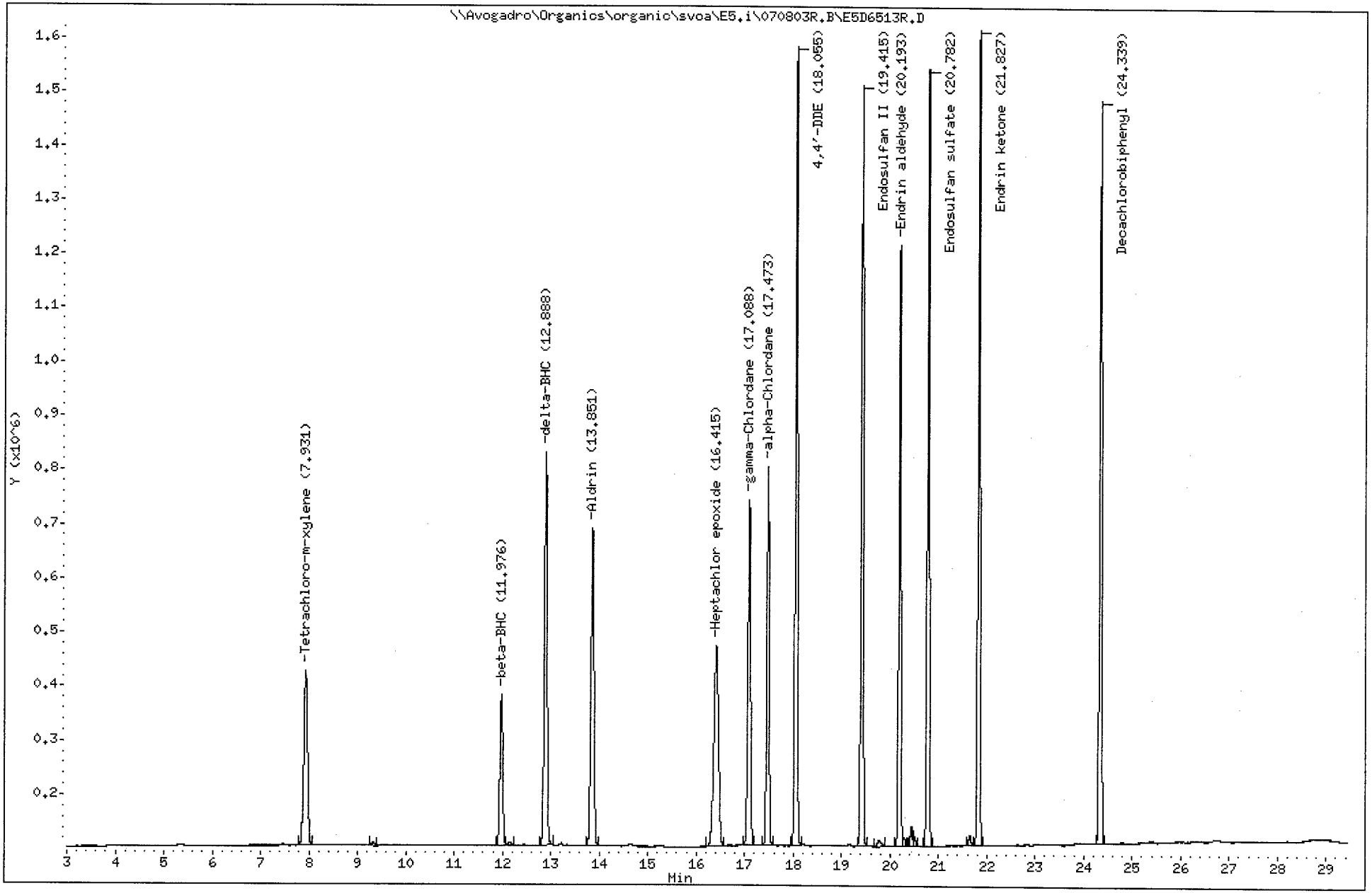
Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6513F.D
Date : 03-AUG-2007 20:56
Client ID: INDBMUQ
Sample Info: INDBMUQ,INDBMUQ,,indb,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPEST

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



S2S1

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6513R.D
Date : 03-AUG-2007 20:56
Client ID: INDBMUQ
Instrument: E5.i
Sample Info: INDBMUQ,INDBMUQ,,indb,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6513F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6513F.D
Lab Smp Id: INDBMUQ Client Smp ID: INDBMUQ
Inj Date : 03-AUG-2007 20:56
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMUQ,INDBMUQ,,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 12 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

			AMOUNTS				
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.731	5.711	0.020	4214227	0.02000	0.023		(a)
6 Aldrin					CAS #: 309-00-2		
11.189	11.170	0.019	4814443	0.02000	0.018		(a)
7 beta-BHC					CAS #: 319-85-7		
9.217	9.197	0.020	2626523	0.02000	0.023		(a)
8 delta-BHC					CAS #: 319-86-8		
9.717	9.699	0.018	6542350	0.02000	0.024		(a)
9 Heptachlor epoxide					CAS #: 1024-57-3		
13.102	13.083	0.019	4660778	0.02000	0.018		(a)
11 gamma-Chlordane					CAS #: 5103-74-2		
13.475	13.454	0.021	4642767	0.02000	0.018		(a)
12 alpha-Chlordane					CAS #: 5103-71-9		
13.874	13.853	0.021	4542369	0.02000	0.018		(a)

8/09/07

Data File: E5D6513F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
13 4,4'-DDE					CAS #: 72-55-9			
14.393	14.370	0.023	8908284	0.04000	0.036			(a)
17 Endosulfan II					CAS #: 33213-65-9			
16.965	16.949	0.016	8453217	0.04000	0.037			(a)
19 Endrin aldehyde					CAS #: 7421-93-4			
18.020	18.007	0.013	6566989	0.04000	0.036			(a)
20 Endosulfan sulfate					CAS #: 1031-07-8			
18.988	18.976	0.012	7991526	0.04000	0.039			(a)
22 Endrin ketone					CAS #: 53494-70-5			
19.525	19.515	0.010	8658554	0.04000	0.038			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.820	21.810	0.010	8654822	0.04000	0.036			(a)

QC Flag Legend

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

8/10/07

Data File: E5D6513R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6513R.D
Lab Smp Id: INDBMUQ Client Smp ID: INDBMUQ
Inj Date : 03-AUG-2007 20:56
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMUQ,INDBMUQ,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 12 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.930	7.903	0.027	1716668	0.02000	0.018			(a)
7 Aldrin					CAS #: 309-00-2			
13.850	13.828	0.022	2514304	0.02000	0.018			(a)
8 beta-BHC					CAS #: 319-85-7			
11.975	11.953	0.022	1138726	0.02000	0.018			(a)
9 delta-BHC					CAS #: 319-86-8			
12.887	12.863	0.024	2830220	0.02000	0.018			(a)
10 Heptachlor epoxide					CAS #: 1024-57-3			
16.415	16.376	0.039	2475319	0.02000	0.018			(a)
12 gamma-Chlordane					CAS #: 5103-74-2			
17.087	17.066	0.021	2416862	0.02000	0.018			(a)
13 alpha-Chlordane					CAS #: 5103-71-9			
17.473	17.456	0.017	2333301	0.02000	0.018			(a)

Data File: E5D6513R.D
Report Date: 09-Aug-2007 13:28

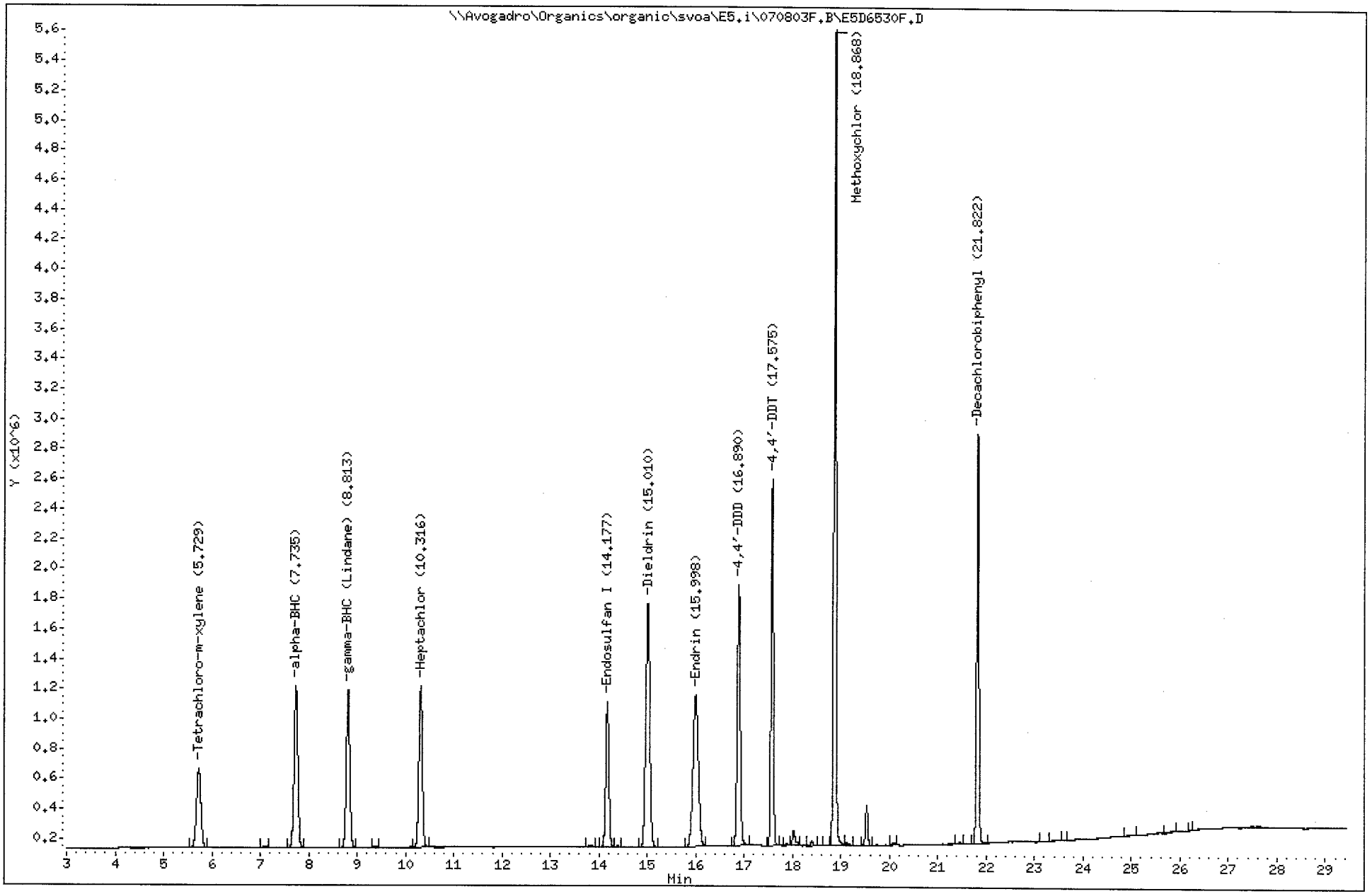
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 4,4'-DDE					CAS #: 72-55-9			
18.055	18.038	0.017	4639134	0.04000	0.035			(a)
18 Endosulfan II					CAS #: 33213-65-9			
19.415	19.399	0.016	4308360	0.04000	0.035			(a)
20 Endrin aldehyde					CAS #: 7421-93-4			
20.193	20.177	0.016	3307494	0.04000	0.035			(a)
21 Endosulfan sulfate					CAS #: 1031-07-8			
20.781	20.766	0.015	4256515	0.04000	0.037			(a)
23 Endrin ketone					CAS #: 53494-70-5			
21.826	21.813	0.013	4388254	0.04000	0.037			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.339	24.329	0.010	4186430	0.04000	0.035			(a)

QC Flag Legend

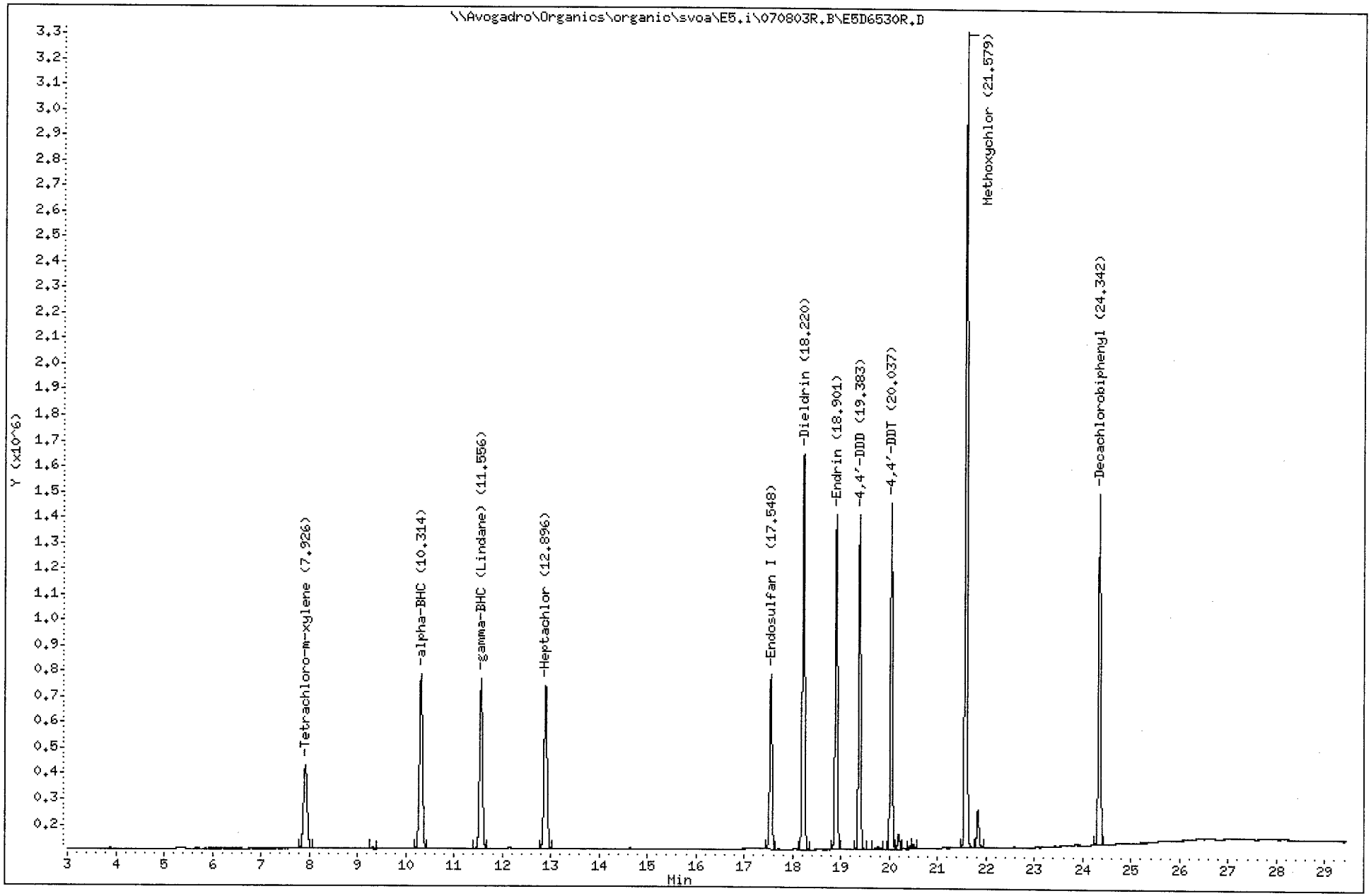
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

8/09/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6530F.D
Date : 04-AUG-2007 13:41
Client ID: INDAMUS
Instrument: E5.i
Sample Info: INDAMUS,INDAMUS,,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\070803R.B\E5D6530R.D
Date : 04-AUG-2007 13:41
Client ID: INDAMUS
Instrument: E5.i
Sample Info: INDAMUS,INDAMUS,,inda.sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6530F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6530F.D
Lab Smp Id: INDAMUS Client Smp ID: INDAMUS
Inj Date : 04-AUG-2007 13:41
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMUS,INDAMUS,,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 23 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
5.729	5.711	0.018	3317008	0.02000	0.018			(a)
3 alpha-BHC					CAS #: 319-84-6			
7.735	7.719	0.016	5676820	0.02000	0.018			(a)
4 gamma-BHC (Lindane)					CAS #: 58-89-9			
8.813	8.794	0.019	5186848	0.02000	0.018			(a)
5 Heptachlor					CAS #: 76-44-8			
10.315	10.297	0.018	5312829	0.02000	0.018			(a)
10 Endosulfan I					CAS #: 959-98-8			
14.176	14.158	0.018	4351953	0.02000	0.018			(a)
14 Dieldrin					CAS #: 60-57-1			
15.010	14.986	0.024	9376025	0.04000	0.036			(a)
15 Endrin					CAS #: 72-20-8			
15.997	15.963	0.034	7770303	0.04000	0.039			(a)

8/9/07

Data File: E5D6530F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
16 4,4'-DDD					CAS #: 72-54-8			
16.890	16.870	0.020	7577897	0.04000	0.038			(a)
18 4,4'-DDT					CAS #: 50-29-3			
17.575	17.561	0.014	8185557	0.04000	0.036			(a)
21 Methoxychlor					CAS #: 72-43-5			
18.867	18.856	0.011	18065186	0.20000	0.18			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.821	21.810	0.011	8833854	0.04000	0.036			(a)

QC Flag Legend

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

8/10/07

Data File: E5D6530R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6530R.D
Lab Smp Id: INDAMUS Client Smp ID: INDAMUS
Inj Date : 04-AUG-2007 13:41
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDAMUS,INDAMUS,,,inda.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 23 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: inda.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
7.925	7.903	0.022	1723968	0.02000	0.018			(a)
4 alpha-BHC					CAS #: 319-84-6			
10.314	10.295	0.019	2999011	0.02000	0.017			(a)
5 gamma-BHC (Lindane)					CAS #: 58-89-9			
11.555	11.536	0.019	2771198	0.02000	0.018			(a)
6 Heptachlor					CAS #: 76-44-8			
12.895	12.875	0.020	2759166	0.02000	0.017			(a)
11 Endosulfan I					CAS #: 959-98-8			
17.548	17.530	0.018	2291448	0.02000	0.018			(a)
15 Dieldrin					CAS #: 60-57-1			
18.220	18.203	0.017	4935238	0.04000	0.035			(a)
16 Endrin					CAS #: 72-20-8			
18.900	18.885	0.015	4070669	0.04000	0.038			(a)

8/9/07

Data File: E5D6530R.D
Report Date: 09-Aug-2007 13:28

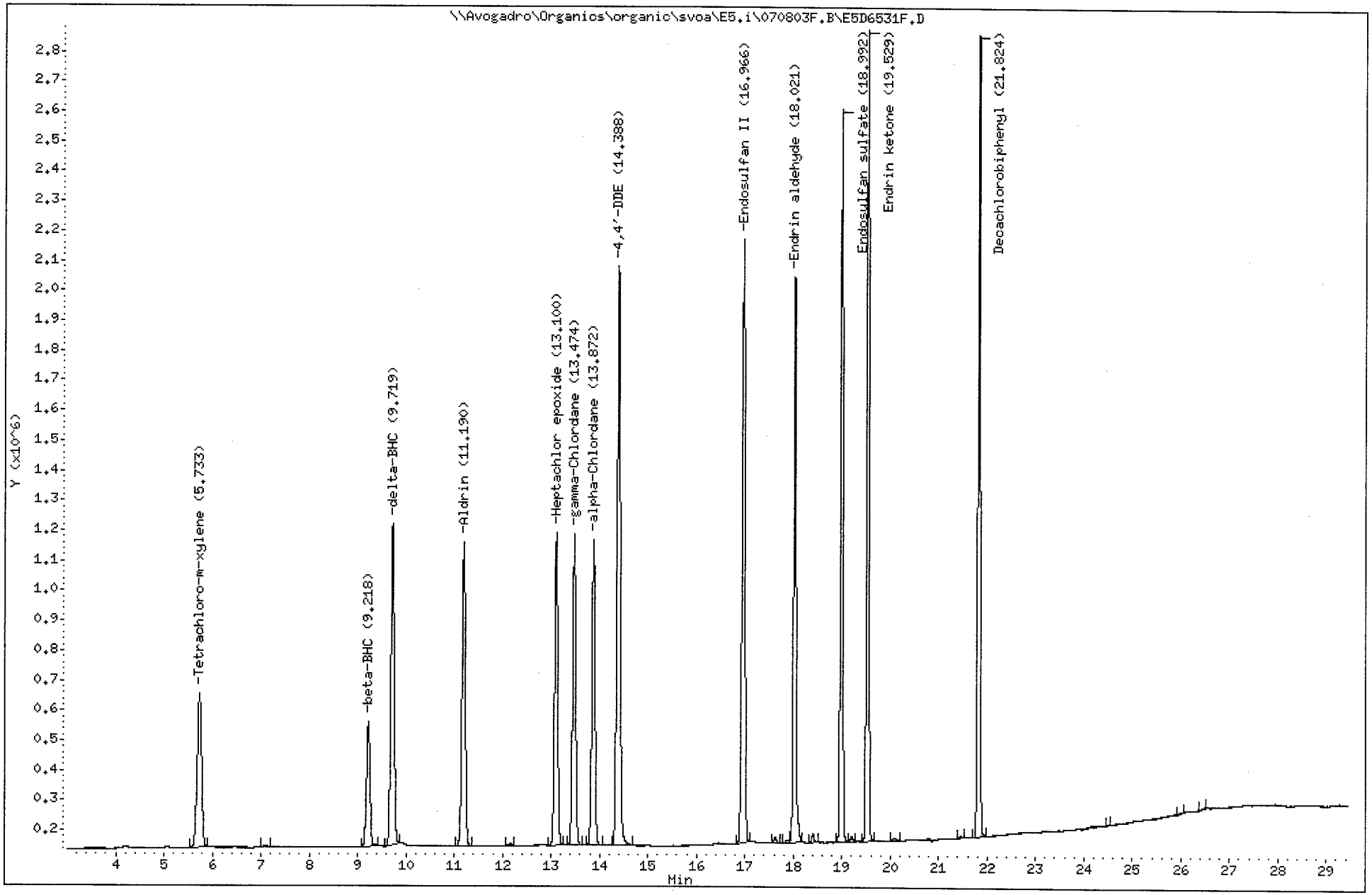
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
17 4,4'-DDD					CAS #: 72-54-8			
19.382	19.368	0.014	3869699	0.04000	0.035			(a)
19 4,4'-DDT					CAS #: 50-29-3			
20.036	20.023	0.013	4021508	0.04000	0.034			(a)
22 Methoxychlor					CAS #: 72-43-5			
21.579	21.566	0.013	9543455	0.20000	0.17			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.341	24.329	0.012	4142750	0.04000	0.034			(a)

QC Flag Legend

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

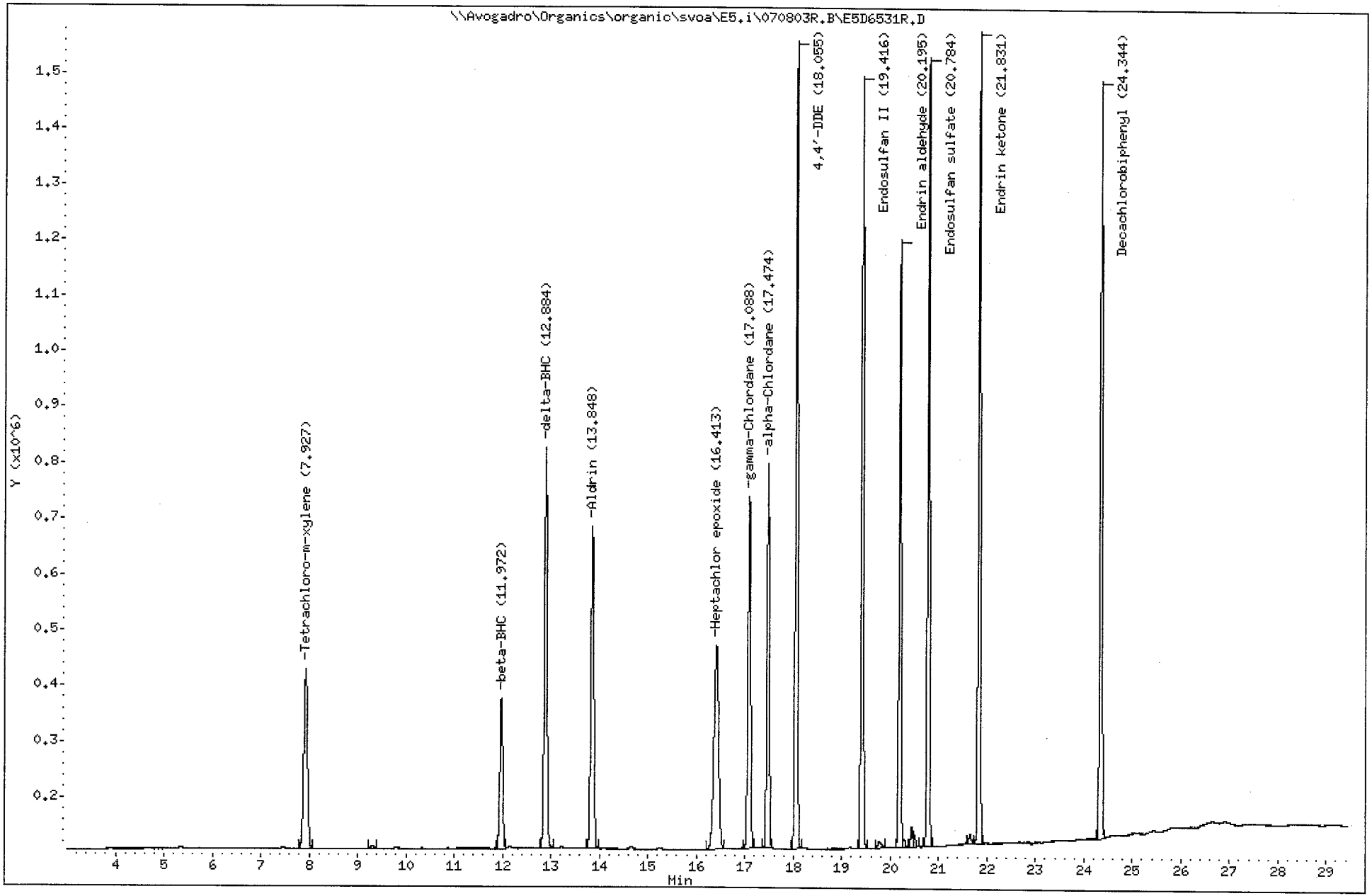
8/9/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6531F.D
Date : 04-AUG-2007 14:14
Client ID: INDBMUS
Instrument: E5.i
Sample Info: INDBMUS,INDBMUS,,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\070803R.B\E5D6531R.D
Date : 04-AUG-2007 14:14
Client ID: INDBMUS
Sample Info: INDBMUS,INDBMUS,,indb.sub,,
Volume Injected (uL): 1.0
Column phase: CLPPESTII

Instrument: E5.i
Operator: SZ SRC: SZ
Column diameter: 0.53



Data File: E5D6531F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6531F.D
Lab Smp Id: INDBMUS Client Smp ID: INDBMUS
Inj Date : 04-AUG-2007 14:14
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMUS,INDBMUS,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 24 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8			
	5.732	5.711	0.021	3271893	0.02000	0.018			(a)
6	Aldrin					CAS #: 309-00-2			
	11.190	11.170	0.020	4806305	0.02000	0.018			(a)
7	beta-BHC					CAS #: 319-85-7			
	9.217	9.197	0.020	2090574	0.02000	0.018			(a)
8	delta-BHC					CAS #: 319-86-8			
	9.718	9.699	0.019	5062507	0.02000	0.018			(a)
9	Heptachlor epoxide					CAS #: 1024-57-3			
	13.100	13.083	0.017	4621107	0.02000	0.018			(a)
11	gamma-Chlordane					CAS #: 5103-74-2			
	13.474	13.454	0.020	4597794	0.02000	0.018			(a)
12	alpha-Chlordane					CAS #: 5103-71-9			
	13.871	13.853	0.018	4508287	0.02000	0.018			(a)

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8/9/07

Data File: E5D6531F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
13 4,4'-DDE					CAS #: 72-55-9			
14.387	14.370	0.017	8863683	0.04000	0.036			(a)
17 Endosulfan II					CAS #: 33213-65-9			
16.966	16.949	0.017	8365814	0.04000	0.036			(a)
19 Endrin aldehyde					CAS #: 7421-93-4			
18.021	18.007	0.014	6539621	0.04000	0.036			(a)
20 Endosulfan sulfate					CAS #: 1031-07-8			
18.991	18.976	0.015	7942808	0.04000	0.039			(a)
22 Endrin ketone					CAS #: 53494-70-5			
19.528	19.515	0.013	8600960	0.04000	0.038			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.823	21.810	0.013	8650220	0.04000	0.036			(a)

QC Flag Legend

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

8/09/07

Data File: E5D6531R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6531R.D
Lab Smp Id: INDBMUS Client Smp ID: INDBMUS
Inj Date : 04-AUG-2007 14:14
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : INDBMUS,INDBMUS,,indb.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 24 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indb.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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		
7.926	7.903	0.023	1699592	0.02000	0.017		(a)
7 Aldrin					CAS #: 309-00-2		
13.847	13.828	0.019	2474830	0.02000	0.017		(a)
8 beta-BHC					CAS #: 319-85-7		
11.971	11.953	0.018	1122933	0.02000	0.018		(a)
9 delta-BHC					CAS #: 319-86-8		
12.884	12.863	0.021	2791398	0.02000	0.018		(a)
10 Heptachlor epoxide					CAS #: 1024-57-3		
16.412	16.376	0.036	2434437	0.02000	0.017		(a)
12 gamma-Chlordane					CAS #: 5103-74-2		
17.087	17.066	0.021	2389247	0.02000	0.018		(a)
13 alpha-Chlordane					CAS #: 5103-71-9		
17.473	17.456	0.017	2299865	0.02000	0.017		(a)

8/9/07

Data File: E5D6531R.D
Report Date: 09-Aug-2007 13:28

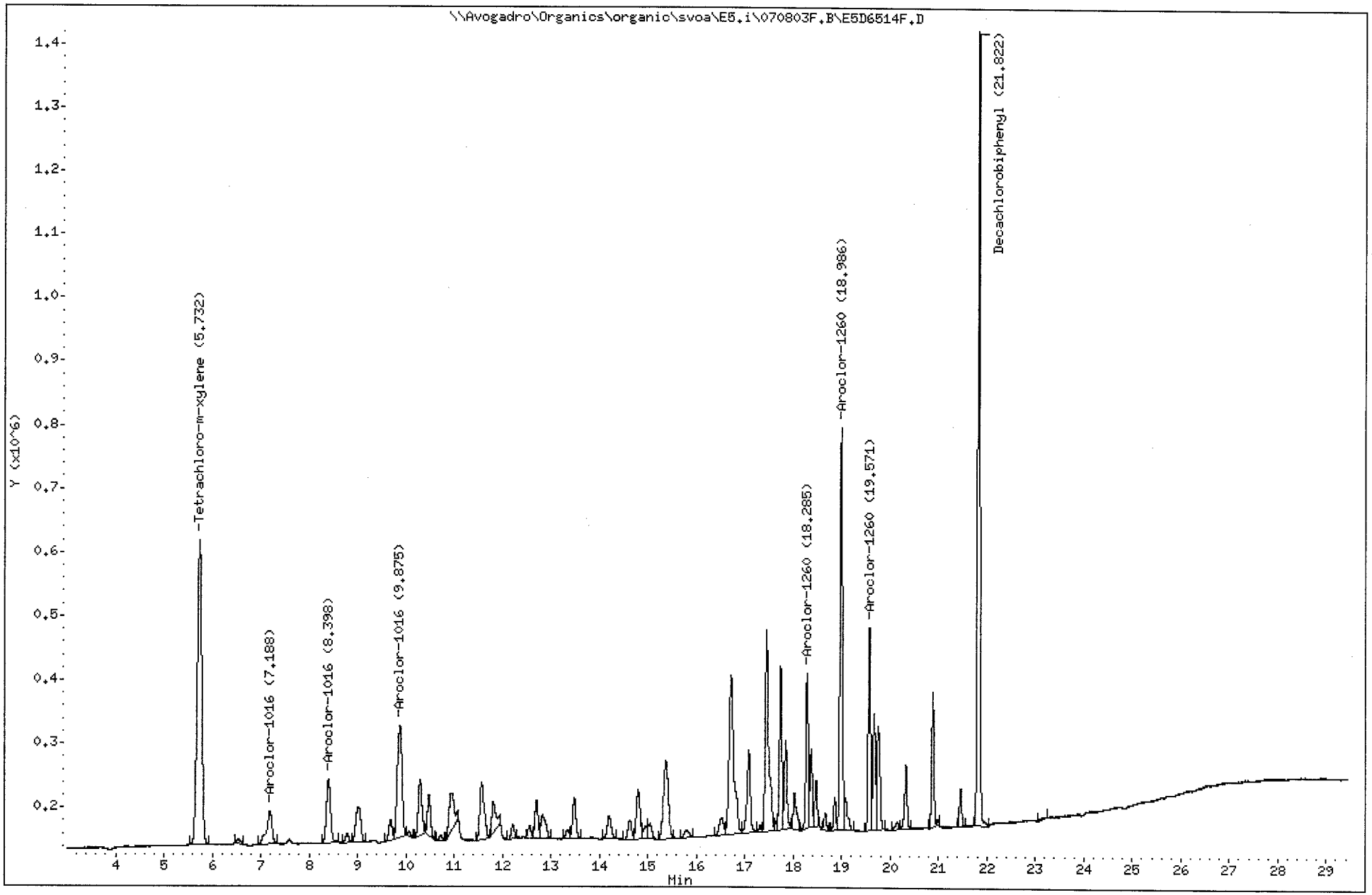
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 4,4'-DDE					CAS #: 72-55-9			
18.055	18.038	0.017	4573617	0.04000	0.034			(a)
18 Endosulfan II					CAS #: 33213-65-9			
19.416	19.399	0.017	4246418	0.04000	0.034			(a)
20 Endrin aldehyde					CAS #: 7421-93-4			
20.195	20.177	0.018	3256876	0.04000	0.034			(a)
21 Endosulfan sulfate					CAS #: 1031-07-8			
20.784	20.766	0.018	4180119	0.04000	0.036			(a)
23 Endrin ketone					CAS #: 53494-70-5			
21.831	21.813	0.018	4289487	0.04000	0.036			(a)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.344	24.329	0.015	4093183	0.04000	0.034			(a)

QC Flag Legend

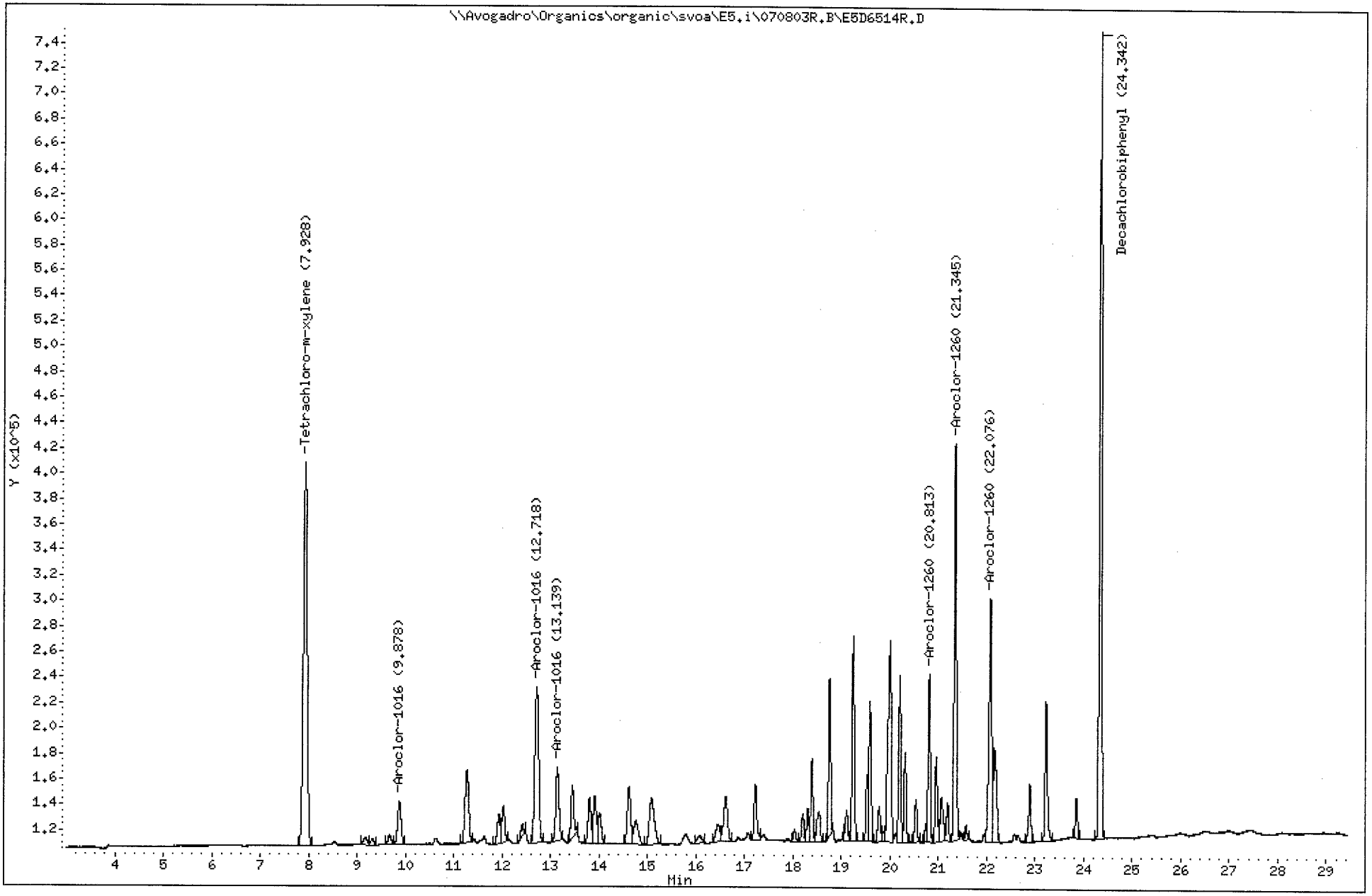
a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

8/09/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6514F.D
Date : 03-AUG-2007 21:29
Client ID: AR1660UQ
Instrument: E5.i
Sample Info: AR1660UQ,AR1660UQ,,ar1660.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\070803R.B\E5D6514R.D
Date : 03-AUG-2007 21:29
Client ID: AR1660UQ
Instrument: E5.i
Sample Info: AR1660UQ,AR1660UQ,,ar1660,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6514F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6514F.D
Lab Smp Id: AR1660UQ Client Smp ID: AR1660UQ
Inj Date : 03-AUG-2007 21:29
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1660UQ,AR1660UQ,,ar1660.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 13 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
5.731	5.711	0.020	3110767	0.02000	0.017			(a)
23 Aroclor-1016					CAS #: 12674-11-2			
7.188	7.167	0.021	403790	0.10000	0.098	80.00- 120.00	100.00	(a)
8.398	8.378	0.020	585579	0.10000	0.10	125.02- 165.02	145.02	
9.875	9.857	0.018	1203524	0.10000	0.090	278.06- 318.06	298.06	
		Average of Peak Amounts =			0.09600			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
21.821	21.810	0.011	4150382	0.04000	0.017			(a)
29 Aroclor-1260					CAS #: 11096-82-5			
18.285	18.270	0.015	846318	0.10000	0.10	80.00- 120.00	100.00	(a)
18.985	18.971	0.014	2206076	0.10000	0.097	240.67- 280.67	260.67	
19.570	19.557	0.013	1097378	0.10000	0.097	109.66- 149.66	129.66	
		Average of Peak Amounts =			0.09800			

8/09/07

Data File: E5D6514F.D
Report Date: 09-Aug-2007 13:25

QC Flag Legend

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

Data File: E5D6514R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6514R.D
Lab Smp Id: AR1660UQ Client Smp ID: AR1660UQ
Inj Date : 03-AUG-2007 21:29
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : AR1660UQ,AR1660UQ,,ar1660.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 13 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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		
7.928	7.903	0.025	1615500	0.02000	0.017		(a)
24 Aroclor-1016					CAS #: 12674-11-2		
9.877	9.852	0.025	165807	0.10000	0.094	80.00- 120.00	100.00(a)
12.717	12.689	0.028	682452	0.10000	0.094	391.59- 431.59	411.59
13.139	13.112	0.027	261999	0.10000	0.095	138.01- 178.01	158.01
Average of Peak Amounts =					0.09433		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.341	24.329	0.012	1989833	0.04000	0.016		(a)
30 Aroclor-1260					CAS #: 11096-82-5		
20.813	20.799	0.014	421702	0.10000	0.093	80.00- 120.00	100.00(a)
21.345	21.332	0.013	998856	0.10000	0.092	216.86- 256.86	236.86
22.075	22.063	0.012	751144	0.10000	0.093	158.12- 198.12	178.12
Average of Peak Amounts =					0.09267		

Data File: E5D6514R.D
Report Date: 09-Aug-2007 13:28

QC Flag Legend

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

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK5G

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31308

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5D6343F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 07/23/07

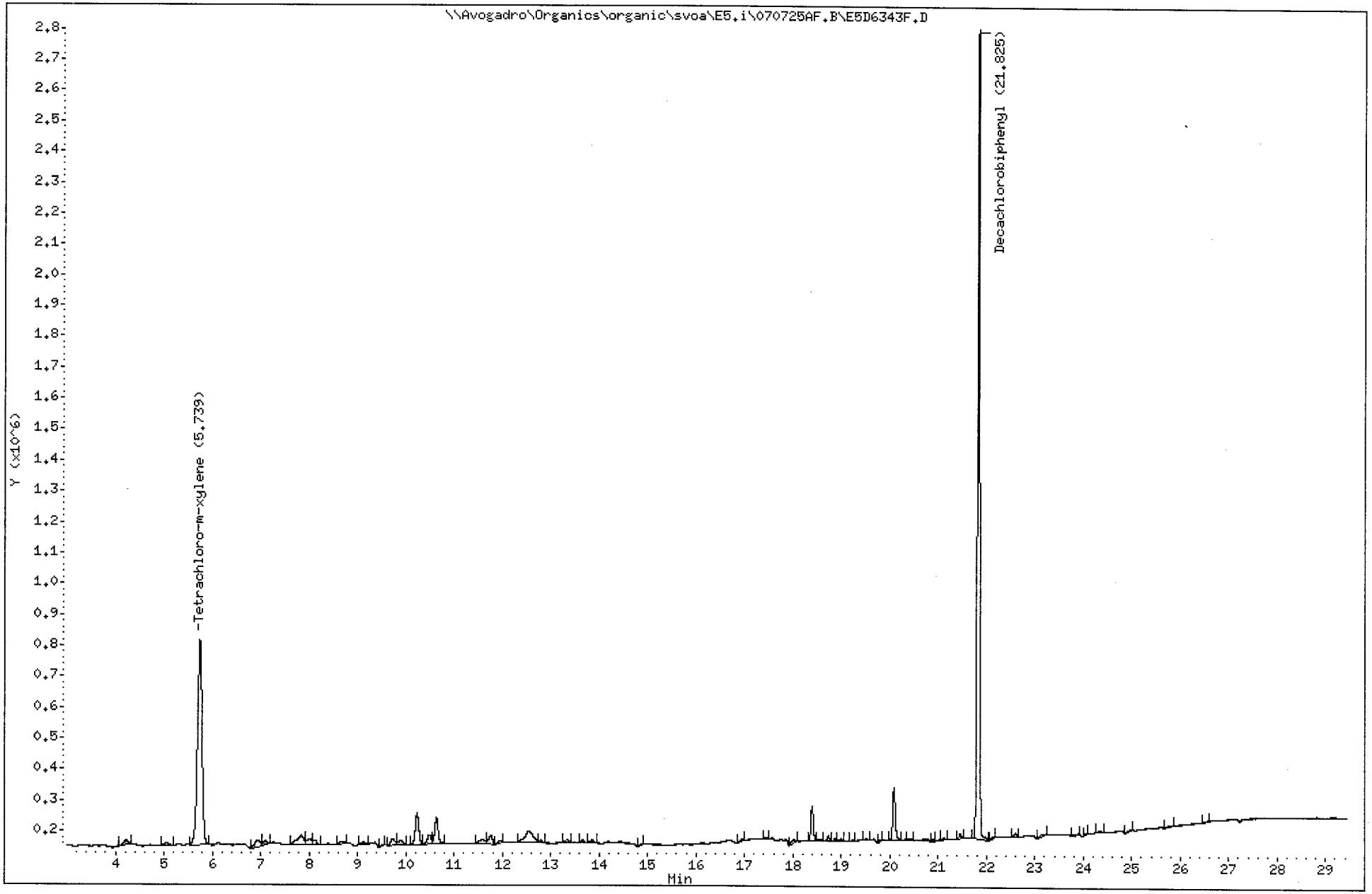
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/27/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

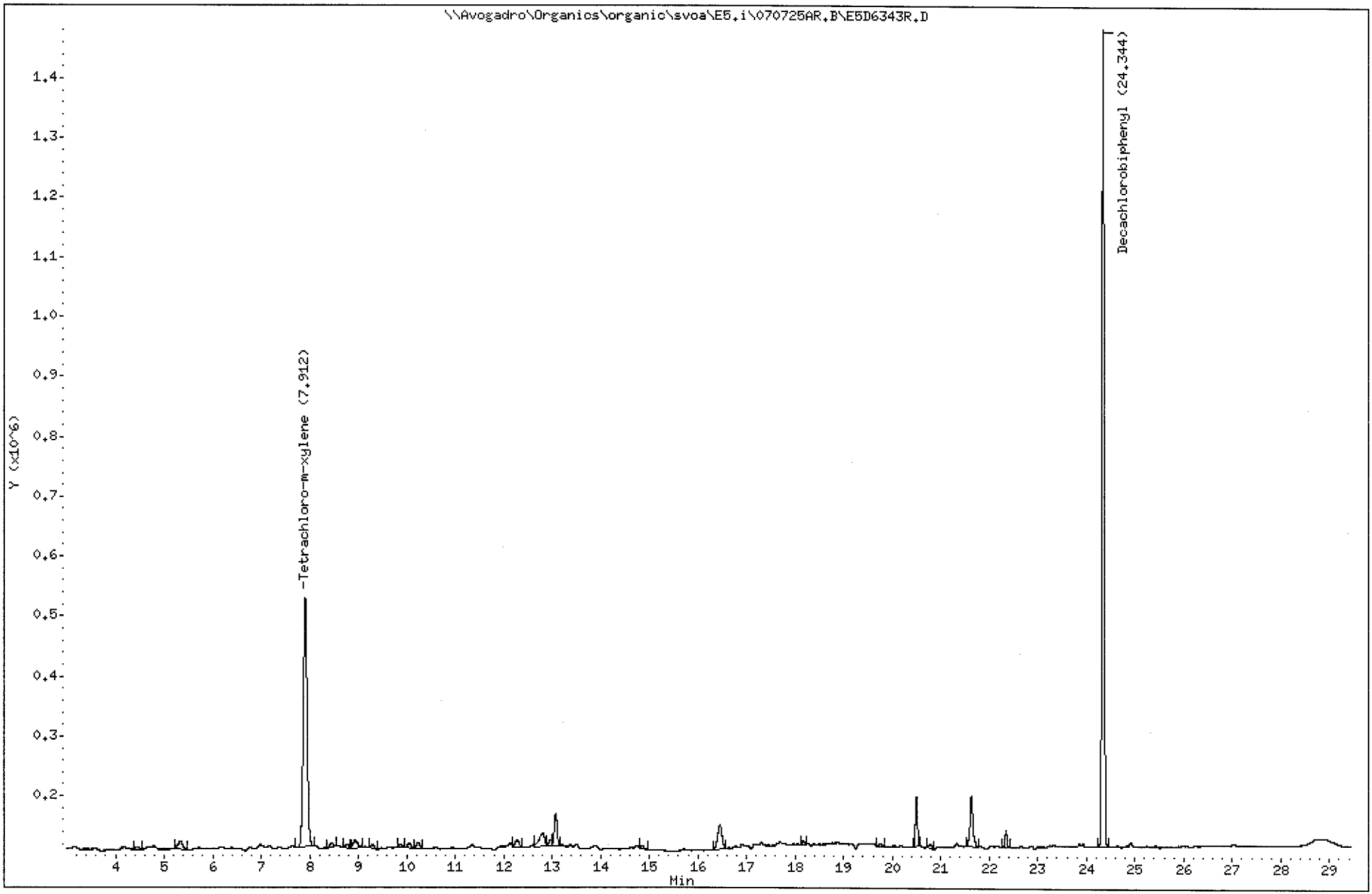
GPC Cleanup: (Y/N) Y pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6343F.D
Date : 27-JUL-2007 09:19
Client ID: PBLK5G
Instrument: E5.i
Sample Info: MB-31308,PBLK5G,31308,clp,sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6343R.D
Date : 27-JUL-2007 09:19
Client ID: PBLK5G
Instrument: E5.i
Sample Info: MB-31308,PBLK5G,31308,clp,sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6343F.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6343F.D
Lab Smp Id: MB-31308 Client Smp ID: PBLK5G
Inj Date : 27-JUL-2007 09:19
Operator : AW SRC: LIMS Inst ID: E5.i
Smp Info : MB-31308,PBLK5G,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\clp-e5f.m
Meth Date : 07-Aug-2007 17:01 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 31 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL ng	CONCENTRATIONS FINAL ug/Kg		
RT	EXP RT	DLT RT	RESPONSE			TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
5.739	5.711	0.028	4354119	0.02391	8.0		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
21.825	21.810	0.015	8509705	0.03500	12		

8/09/07

Data File: E5D6343R.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6343R.D
Lab Smp Id: MB-31308 Client Smp ID: PBLK5G
Inj Date : 27-JUL-2007 09:19
Operator : AW SRC: LIMS Inst ID: E5.i
Smp Info : MB-31308,PBLK5G,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\clp-e5r.m
Meth Date : 07-Aug-2007 17:05 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 31 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.911	7.903	0.008	2266305	0.02316	7.7		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.344	24.329	0.015	4136005	0.03420	11		

8/09/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PBLK5K

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: MB-31475

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5D6502F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/01/07

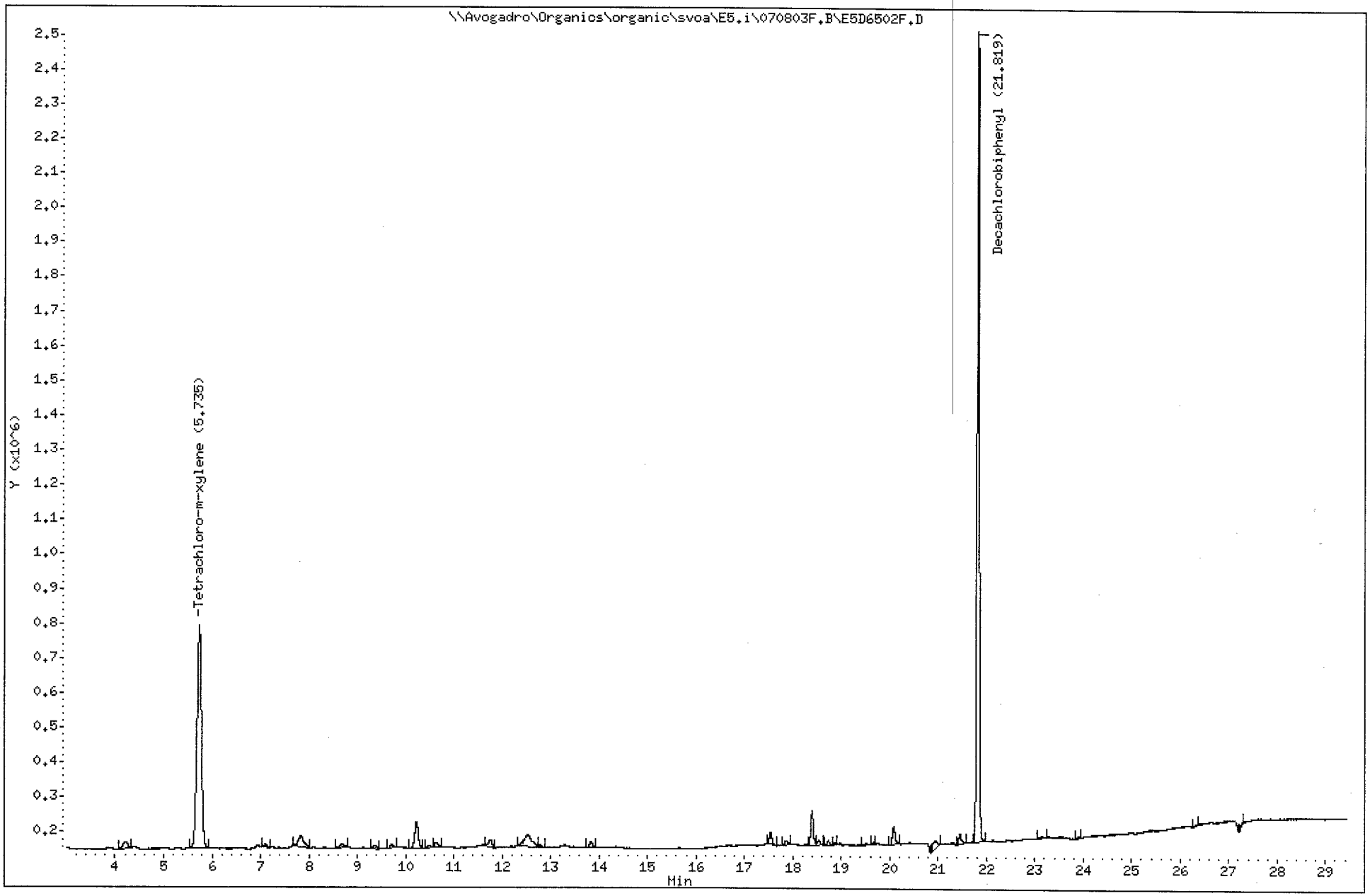
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

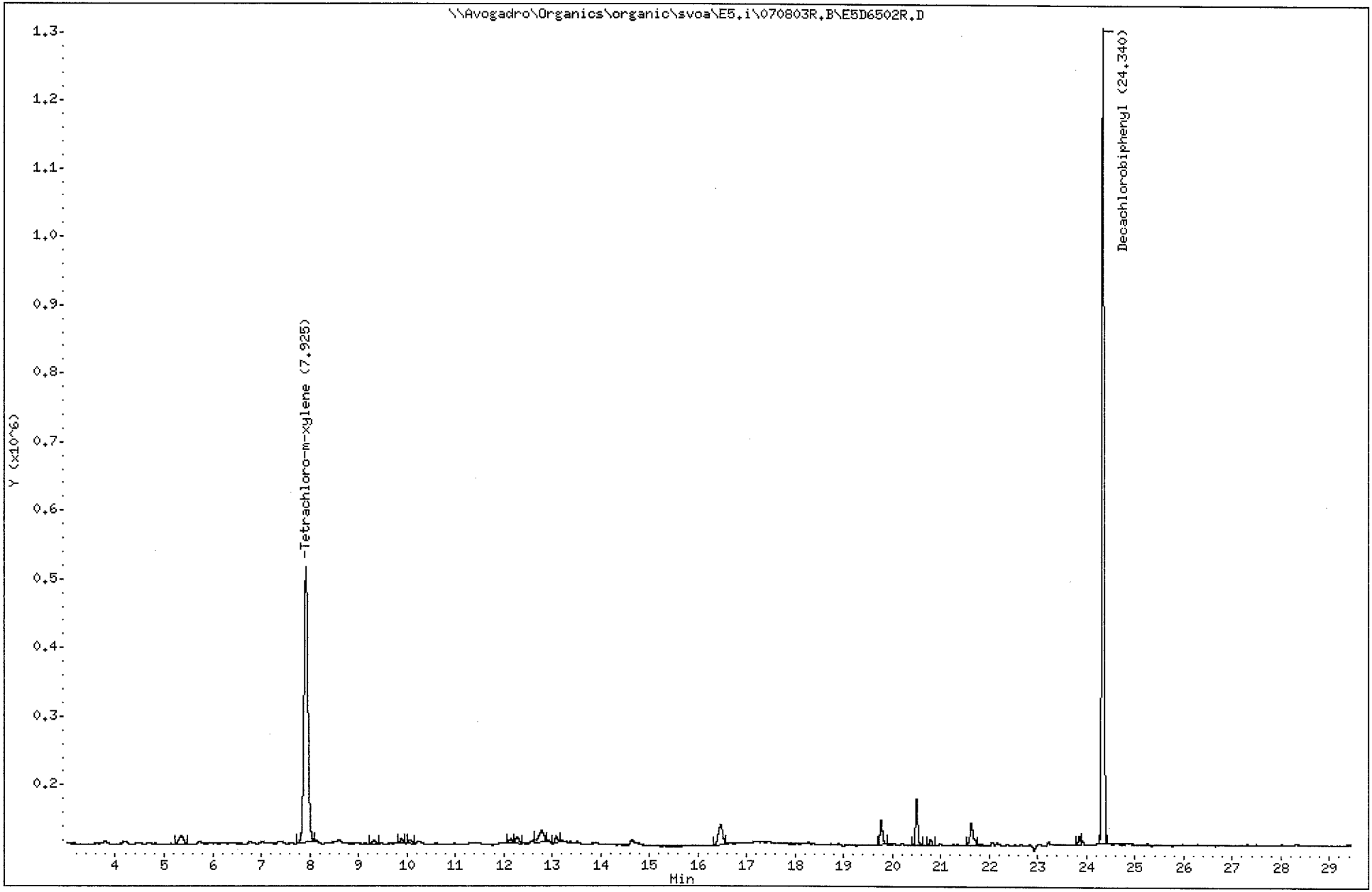
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6502F.D
Date : 03-AUG-2007 14:52
Client ID: PBLK5K
Instrument: E5.i
Sample Info: MB-31475,PBLK5K,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



5991

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6502R.D
Date : 03-AUG-2007 14:52
Client ID: PBLK5K
Instrument: E5.i
Sample Info: MB-31475,PBLK5K,31475,olp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6502F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6502F.D
Lab Smp Id: MB-31475 Client Smp ID: PBLK5K
Inj Date : 03-AUG-2007 14:52
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : MB-31475,PBLK5K,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.734	5.711	0.023	4100234	0.02252	7.5		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.818	21.810	0.008	7603175	0.03127	10		

8/09/07

Data File: E5D6502R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6502R.D
Lab Smp Id: MB-31475 Client Smp ID: PBLK5K
Inj Date : 03-AUG-2007 14:52
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : MB-31475,PBLK5K,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
7.925	7.903	0.022	2195718	0.02244	7.5		
$ 3 Decachlorobiphenyl						CAS #: 2051-24-3	
24.340	24.329	0.011	3660320	0.03027	10		

8/09/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKTA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6182F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/20/07

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.

PIBLKTA

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6182R

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

Extraction: (Type) ____ Date Extracted: _____

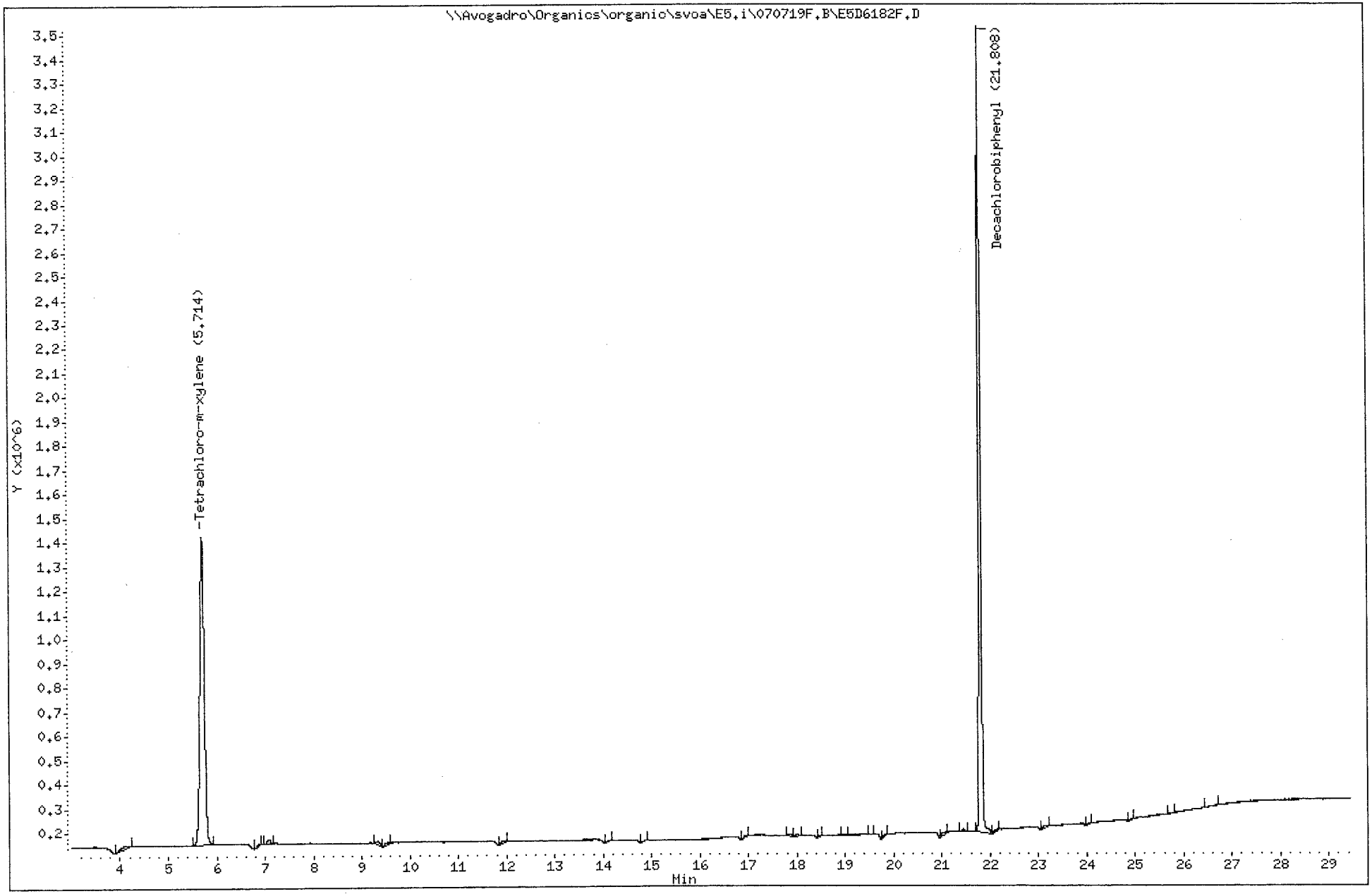
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/20/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

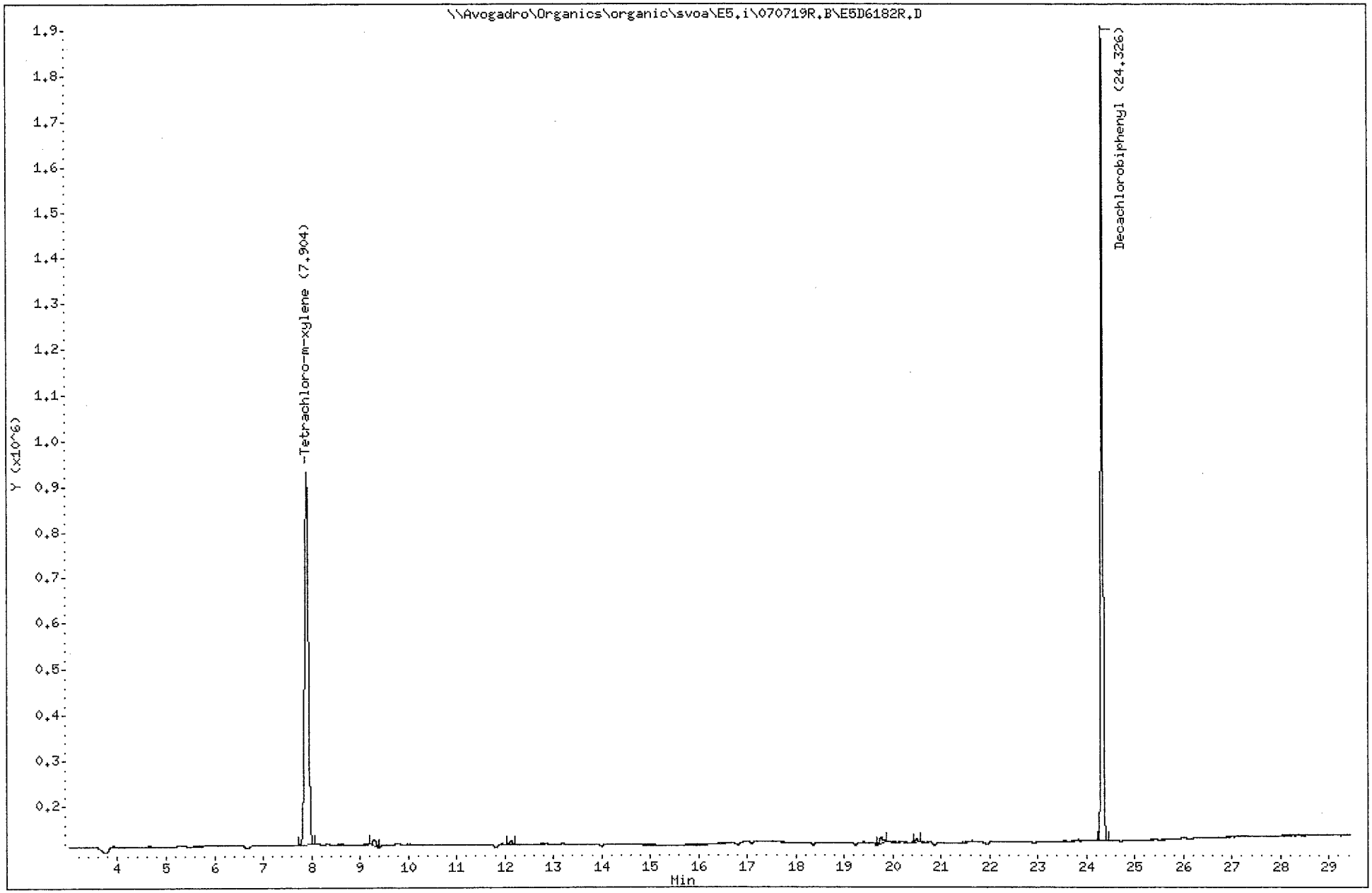
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	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\070719F.B\E5D6182F.D
Date : 20-JUL-2007 00:20
Client ID: PIBLKTA
Instrument: E5.i
Sample Info: PIBLKTA,PIBLKTA,,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



SGS

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6182R.D
Date : 20-JUL-2007 00:20
Client ID: PIBLKTA
Instrument: E5.i
Sample Info: PIBLKTA,PIBLKTA,,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



0001

Data File: E5D6182F.D
Report Date: 20-Jul-2007 10:05

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\E5D6182F.D
Lab Smp Id: PIBLKTA Client Smp ID: PIBLKTA
Inj Date : 20-JUL-2007 00:20
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKTA,PIBLKTA,,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719F.B\clp-e5f.m
Meth Date : 20-Jul-2007 09:53 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.713	5.711	0.002	7966796	0.04375	0.44		(R)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.808	21.810	-0.002	10888346	0.04478	0.45		(R)

kb 7/20/07

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: E5D6182R.D
Report Date: 20-Jul-2007 10:07

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\E5D6182R.D
Lab Smp Id: PIBLKTA Client Smp ID: PIBLKTA
Inj Date : 20-JUL-2007 00:20
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKTA,PIBLKTA,,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070719R.B\clp-e5r.m
Meth Date : 20-Jul-2007 09:55 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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			
7.903	7.903	0.000	4278114	0.04373	0.44			(R)
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3			
24.325	24.329	-0.004	5430074	0.04491	0.45			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKTH

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6333F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/07

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.

PIBLKTH

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6333R

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

Extraction: (Type) ____ Date Extracted: _____

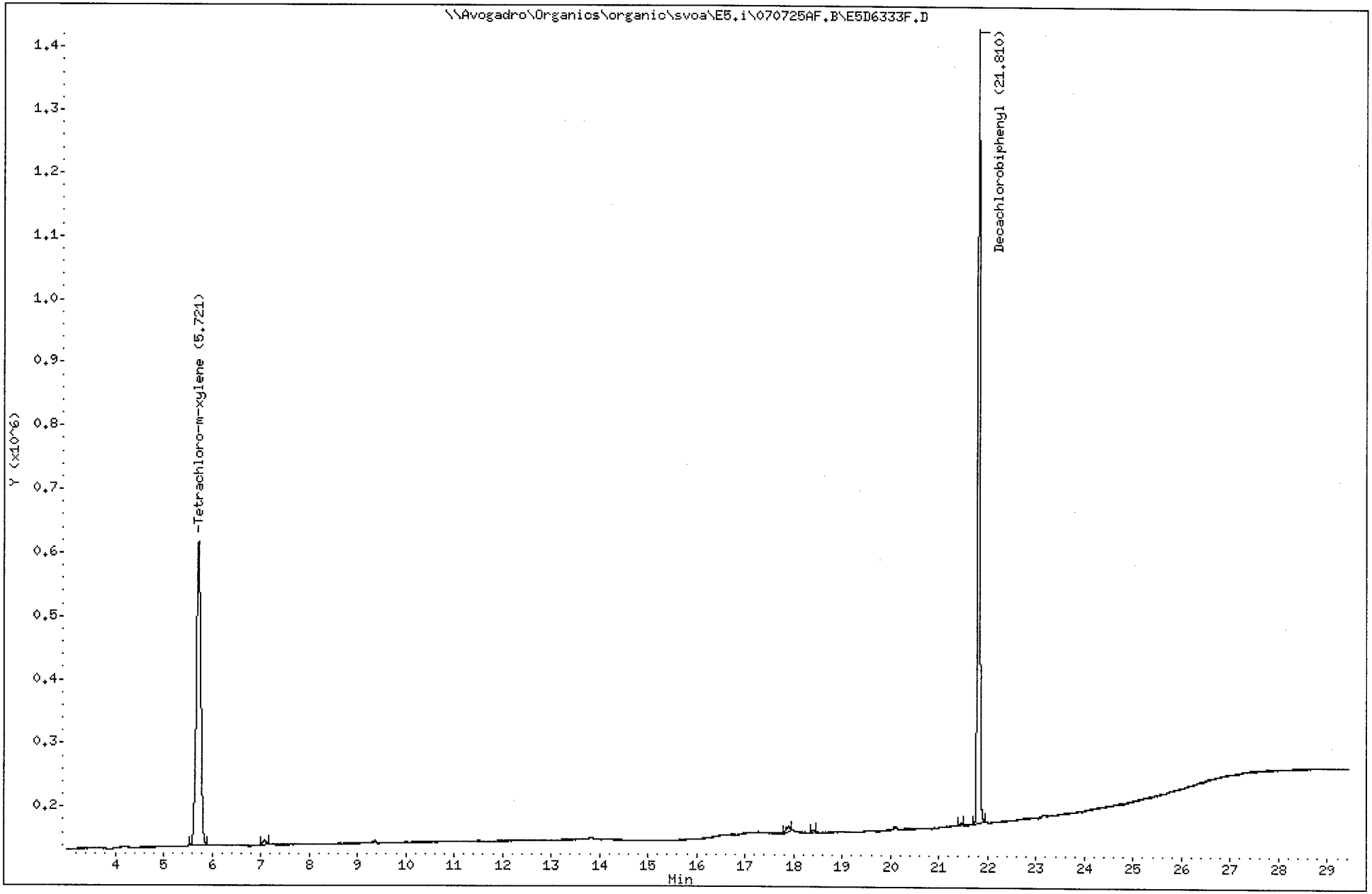
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/26/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

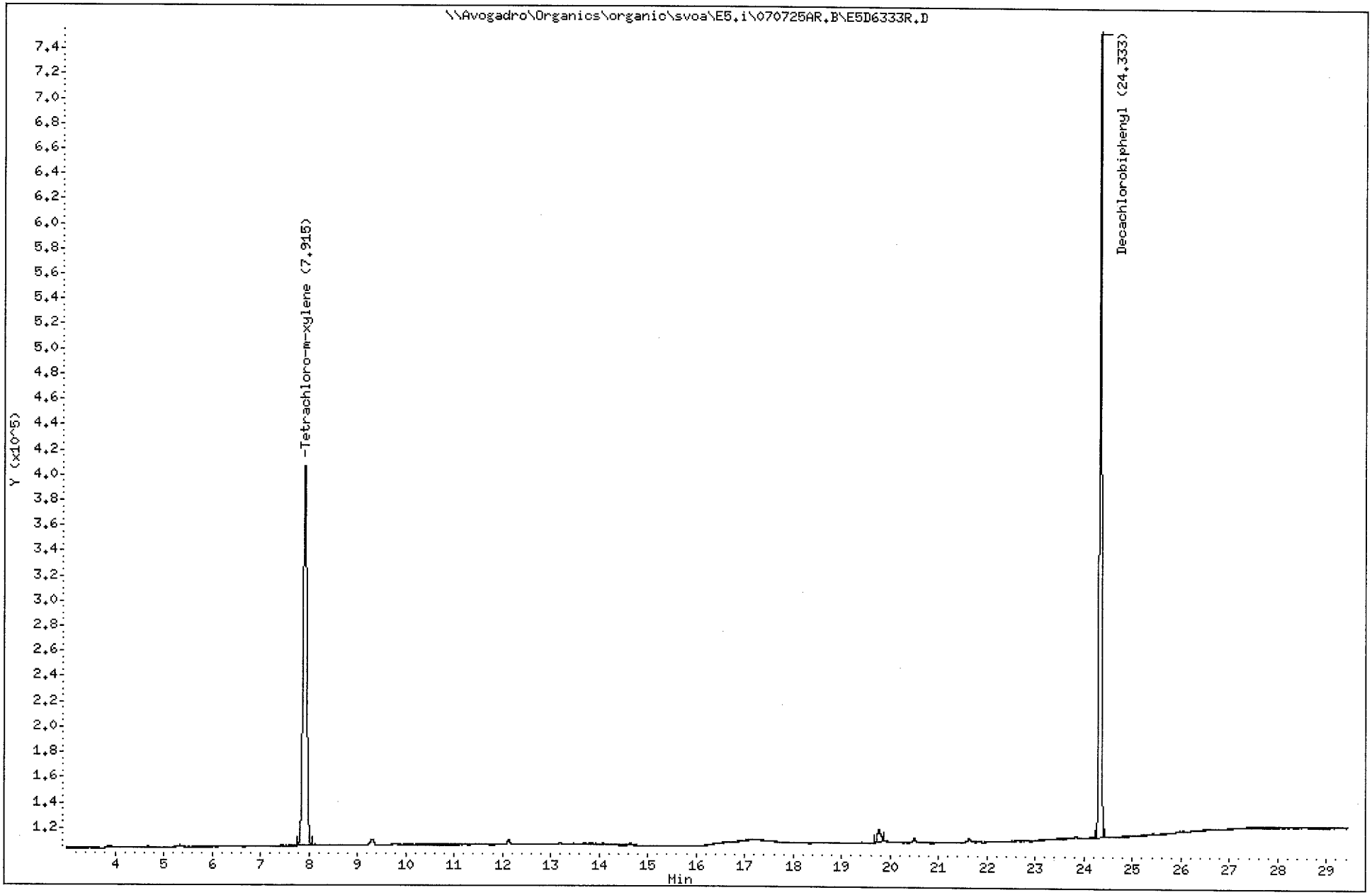
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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\070725AF.B\E5D6333F.D
Date : 26-JUL-2007 21:31
Client ID: PIBLKTH
Instrument: E5.i
Sample Info: PIBLKTH,PIBLKTH,,,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6333R.D
Date : 26-JUL-2007 21:31
Client ID: PIBLKTH
Instrument: E5.i
Sample Info: PIBLKTH,PIBLKTH,,,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPESTII
Column diameter: 0.53



2107

Data File: E5D6333F.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6333F.D
Lab Smp Id: PIBLKTH Client Smp ID: PIBLKTH
Inj Date : 26-JUL-2007 21:31
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : PIBLKTH,PIBLKTH,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\clp-e5f.m
Meth Date : 07-Aug-2007 17:01 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 29 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.720	5.711	0.009	3085568	0.01694	0.17		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.810	21.810	0.000	4140696	0.01703	0.17		

8/09/07

Data File: E5D6333R.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6333R.D
Lab Smp Id: PIBLKTH Client Smp ID: PIBLKTH
Inj Date : 26-JUL-2007 21:31
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : PIBLKTH,PIBLKTH,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\clp-e5r.m
Meth Date : 07-Aug-2007 17:05 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 29 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
7.915	7.903	0.012	1611427	0.01647	0.16		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.332	24.329	0.003	2018271	0.01669	0.17		

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKTI

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6340F

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

Extraction: (Type) _____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/27/07

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

PIBLKTI

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6340R

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

Extraction: (Type) ____ Date Extracted: _____

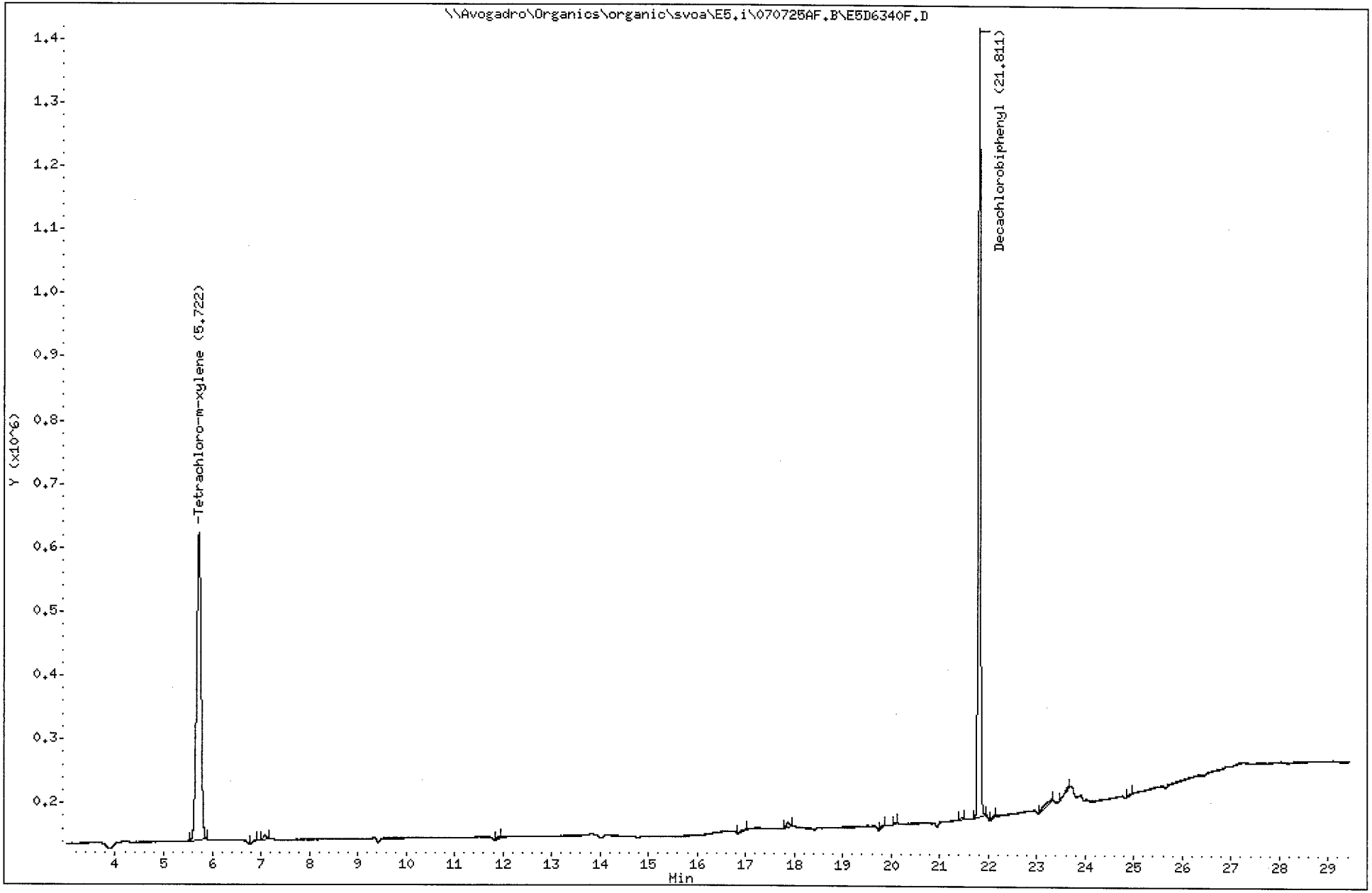
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/27/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

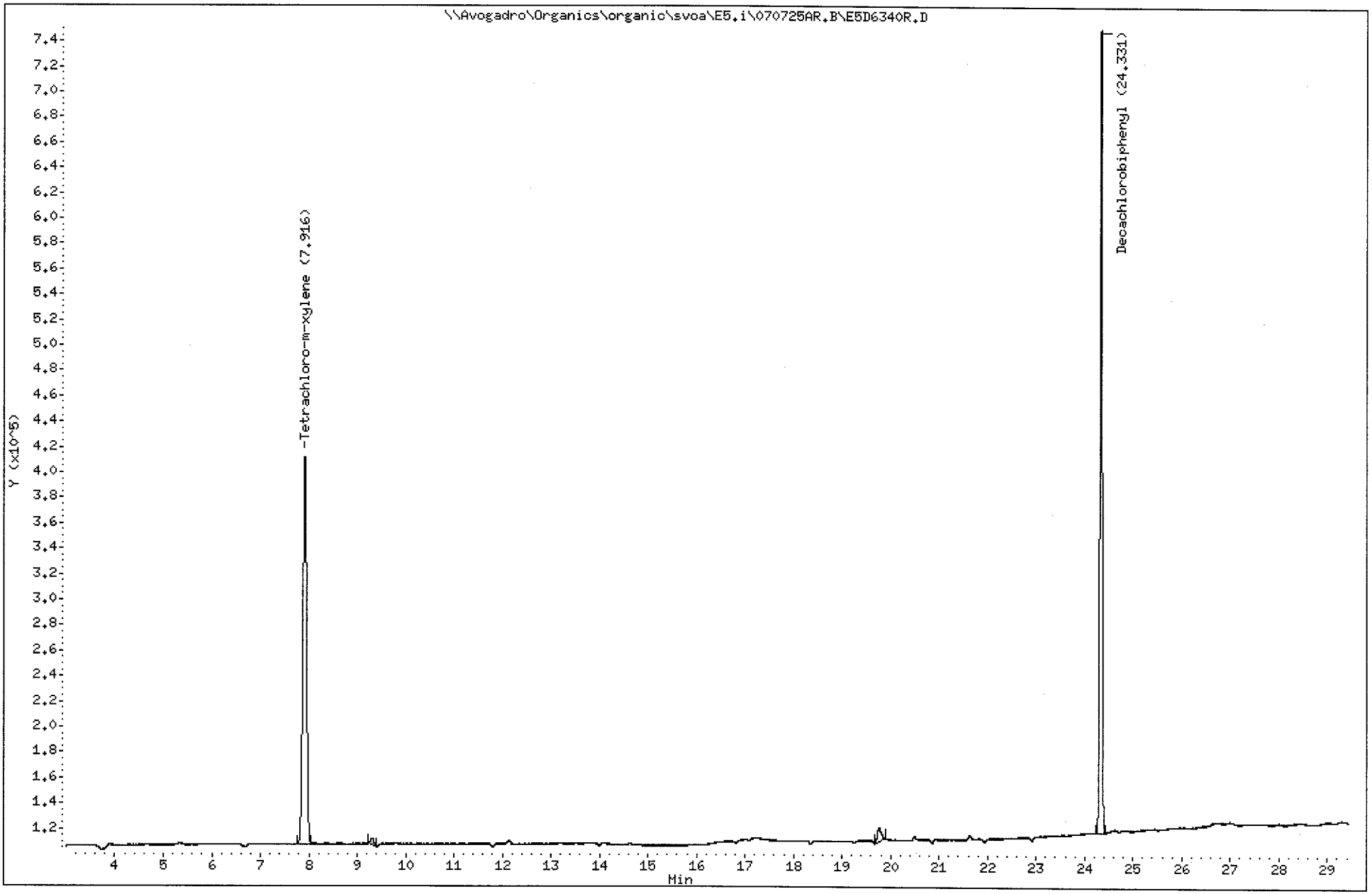
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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\070725AF.B\E5D6340F.D
Date : 27-JUL-2007 01:23
Client ID: PIBLKTI
Instrument: E5.i
Sample Info: PIBLKTI,PIBLKTI,,,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6340R.D
Date : 27-JUL-2007 01:23
Client ID: PIBLKTI
Instrument: E5.i
Sample Info: PIBLKTI,PIBLKTI,,,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPESTII
Column diameter: 0.53



02537

Data File: E5D6340F.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6340F.D
Lab Smp Id: PIBLKTI Client Smp ID: PIBLKTI
Inj Date : 27-JUL-2007 01:23
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : PIBLKTI,PIBLKTI,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\clp-e5f.m
Meth Date : 07-Aug-2007 17:01 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 29 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
5.722	5.711	0.011	3105848	0.01706	0.17		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.811	21.810	0.001	4089714	0.01682	0.17		

8/09/07

Data File: E5D6340R.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6340R.D
Lab Smp Id: PIBLKTI Client Smp ID: PIBLKTI
Inj Date : 27-JUL-2007 01:23
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : PIBLKTI,PIBLKTI,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\clp-e5r.m
Meth Date : 07-Aug-2007 17:05 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 29 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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		
7.916	7.903	0.013	1627502	0.01664	0.17		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.331	24.329	0.002	1981985	0.01639	0.16		

8/9/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKTJ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6345F

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

Extraction: (Type) _____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/27/07

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

PIBLKTJ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6345R

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

Extraction: (Type) ____ Date Extracted: _____

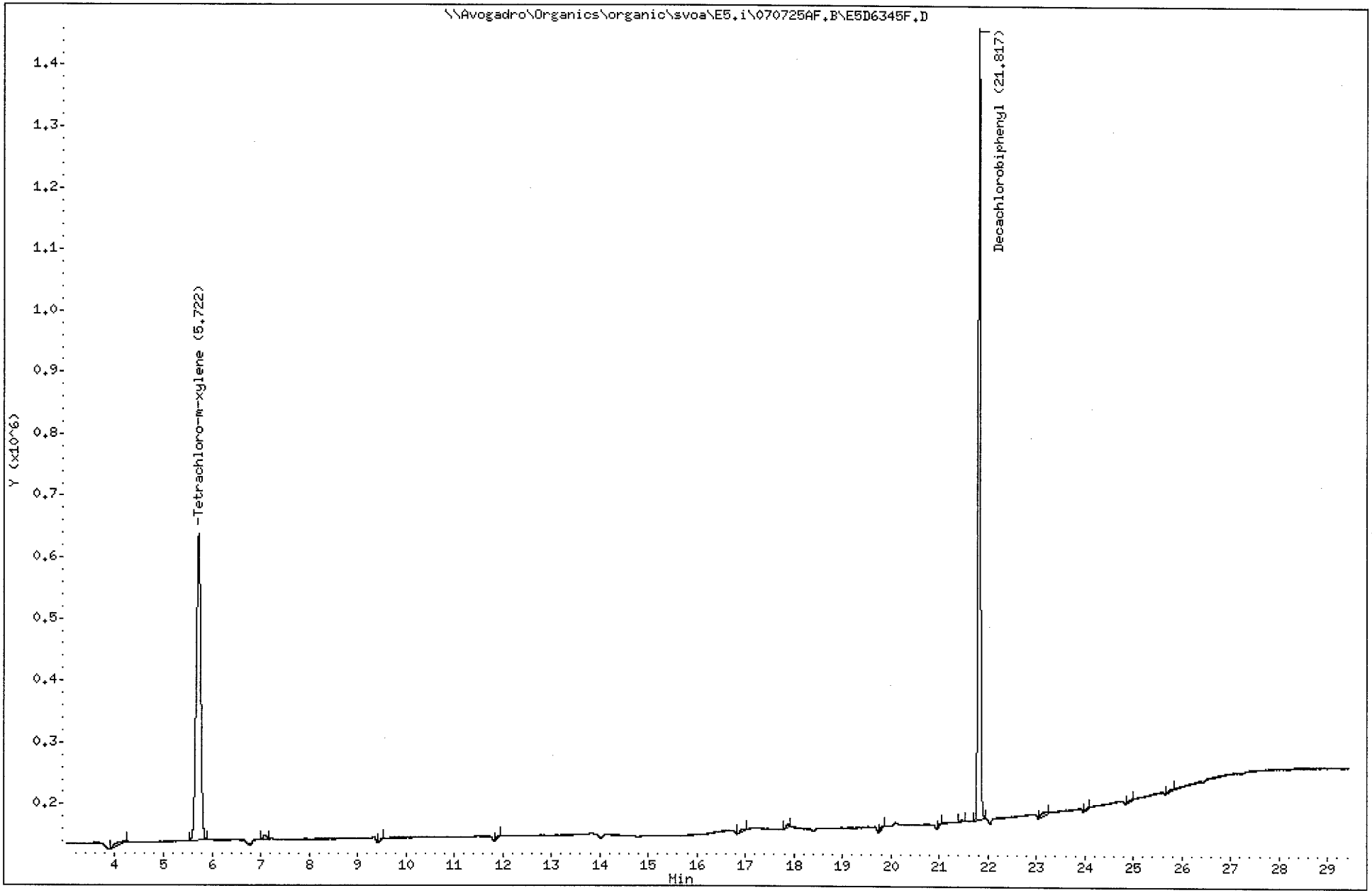
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 07/27/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

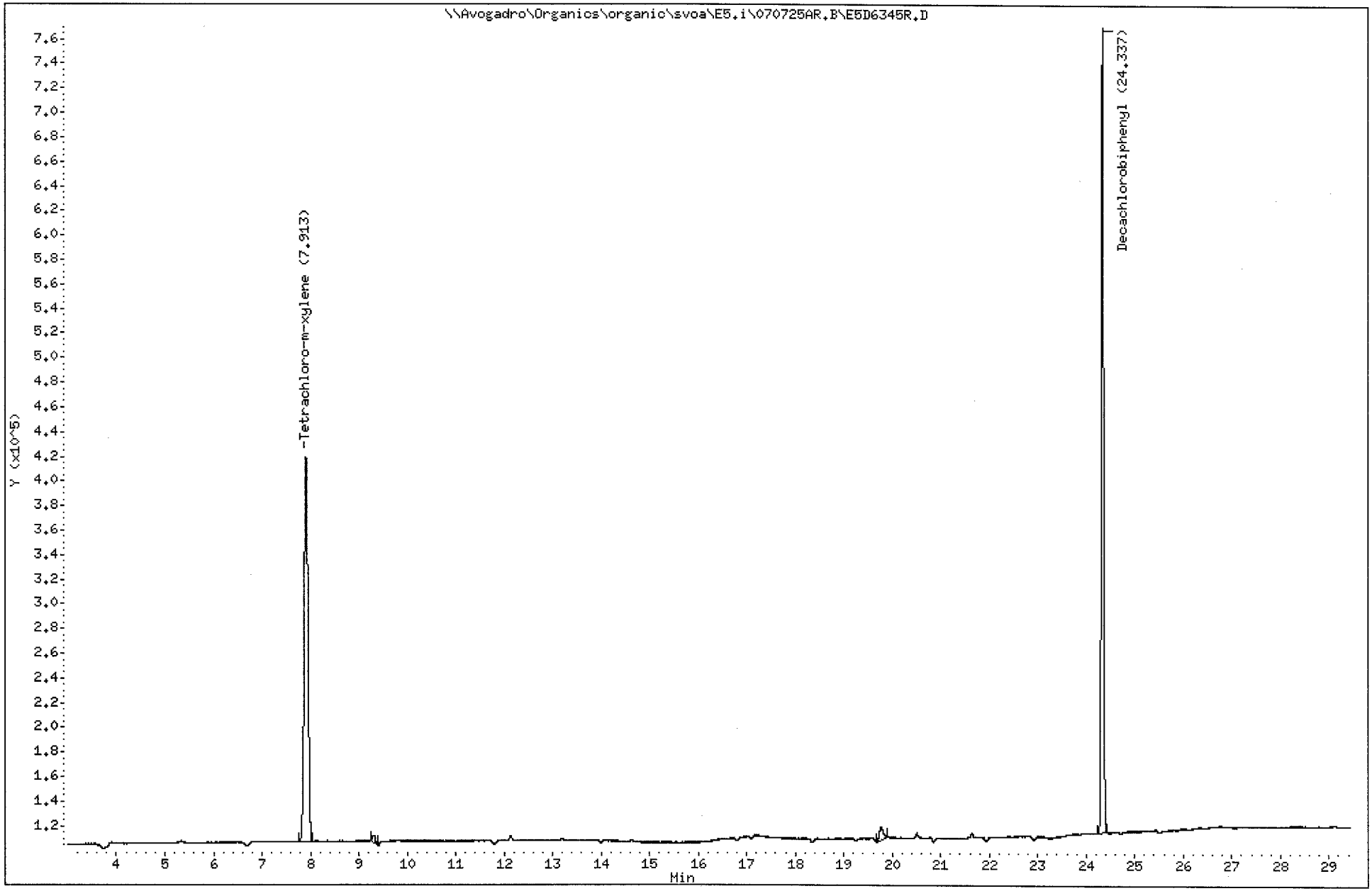
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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\070725AF.B\E5D6345F.D
Date : 27-JUL-2007 10:25
Client ID: PIBLKTJ
Instrument: E5.i
Sample Info: PIBLKTJ,PIBLKTJ,,clp,sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6345R.D
Date : 27-JUL-2007 10:25
Client ID: PIBLKTJ
Instrument: E5.i
Sample Info: PIBLKTJ,PIBLKTJ,,clp,sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: AW
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6345F.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6345F.D
Lab Smp Id: PIBLKTJ Client Smp ID: PIBLKTJ
Inj Date : 27-JUL-2007 10:25
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : PIBLKTJ,PIBLKTJ,,clp.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\clp-e5f.m
Meth Date : 07-Aug-2007 17:01 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 29 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
5.722	5.711	0.011	3205311	0.01760	0.18		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.817	21.810	0.007	4219351	0.01735	0.17		

8/9/07

Data File: E5D6345R.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6345R.D
Lab Smp Id: PIBLKTJ Client Smp ID: PIBLKTJ
Inj Date : 27-JUL-2007 10:25
Operator : AW SRC: AW Inst ID: E5.i
Smp Info : PIBLKTJ,PIBLKTJ,,clp.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\clp-e5r.m
Meth Date : 07-Aug-2007 17:05 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 29 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
7.913	7.903	0.010	1670888	0.01708	0.17		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.336	24.329	0.007	2051873	0.01697	0.17		

8/9/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKUP

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6499F

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

Extraction: (Type) _____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/03/07

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.

PIBLKUP

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6499R

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

Extraction: (Type) ____ Date Extracted: _____

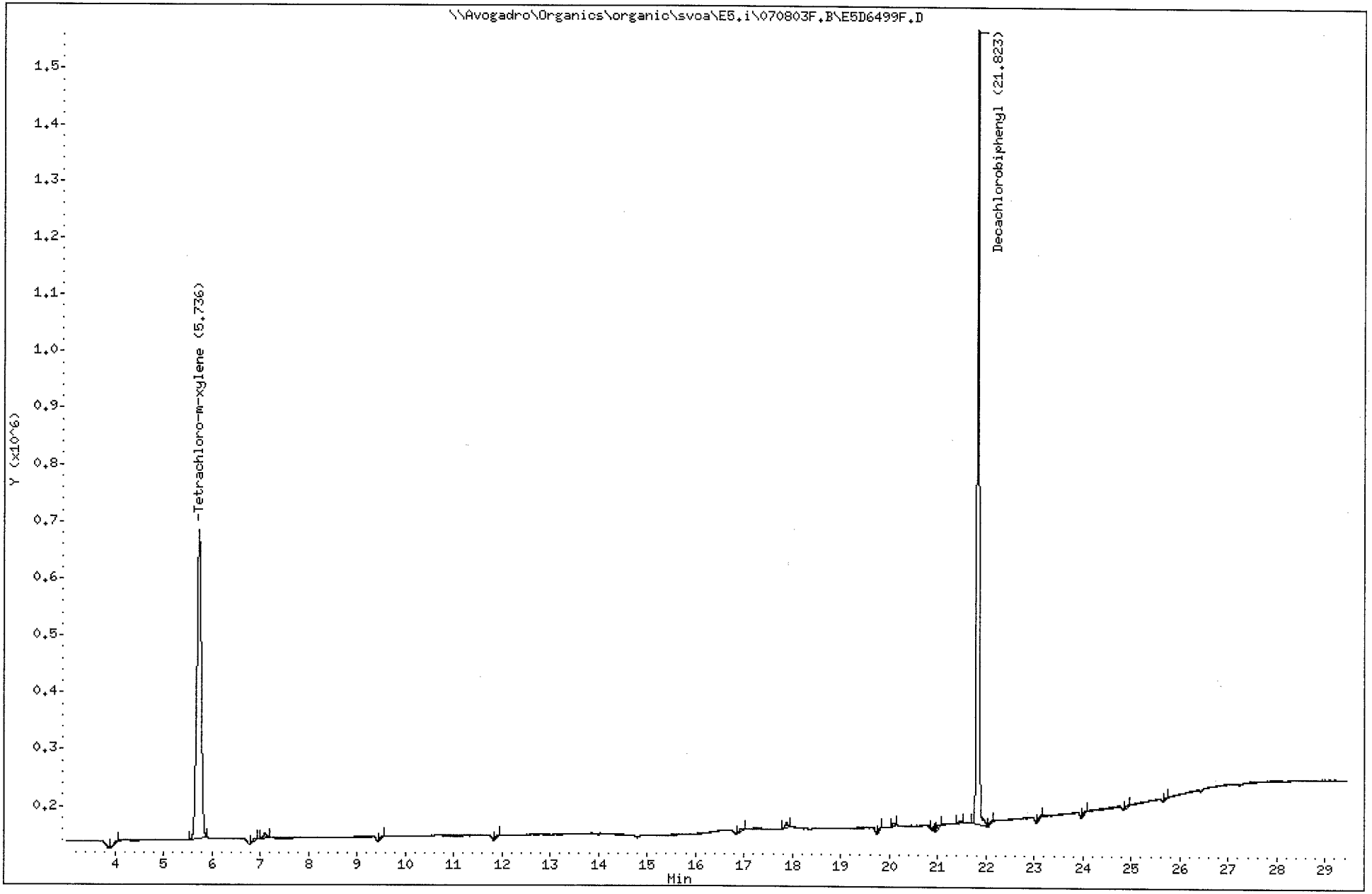
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

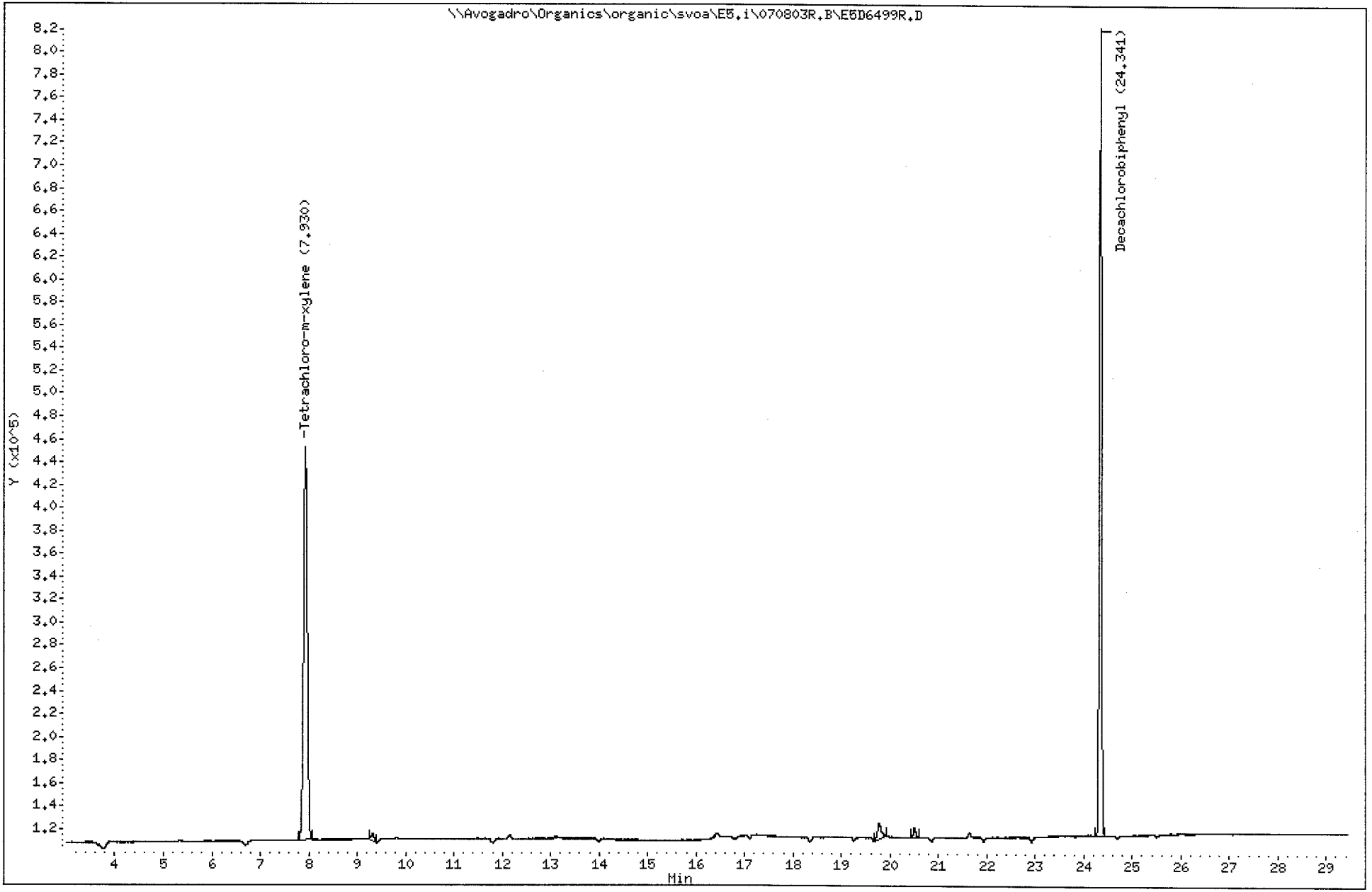
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	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\070803F.B\E5D6499F.D
Date : 03-AUG-2007 13:13
Client ID: PIBLKUP
Instrument: E5.i
Sample Info: PIBLKUP,PIBLKUP,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



CONFIDENTIAL

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6499R.D
Date : 03-AUG-2007 13:13
Client ID: PIBLKUP
Instrument: E5.i
Sample Info: PIBLKUP,PIBLKUP,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



0591

Data File: E5D6499F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6499F.D
Lab Smp Id: PIBLKUP Client Smp ID: PIBLKUP
Inj Date : 03-AUG-2007 13:13
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUP,PIBLKUP,,,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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	
5.736	5.711	0.025	3460082	0.01900	0.19		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
21.822	21.810	0.012	4698028	0.01932	0.19		

KP
8/09/07

Data File: E5D6499R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6499R.D
Lab Smp Id: PIBLKUP Client Smp ID: PIBLKUP
Inj Date : 03-AUG-2007 13:13
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUP,PIBLKUP,,,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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		
7.930	7.903	0.027	1812906	0.01853	0.19		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.341	24.329	0.012	2199188	0.01819	0.18		

8/09/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKUQ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6511F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/03/07

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

PIBLKUQ

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6511R

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

Extraction: (Type) ____ Date Extracted: _____

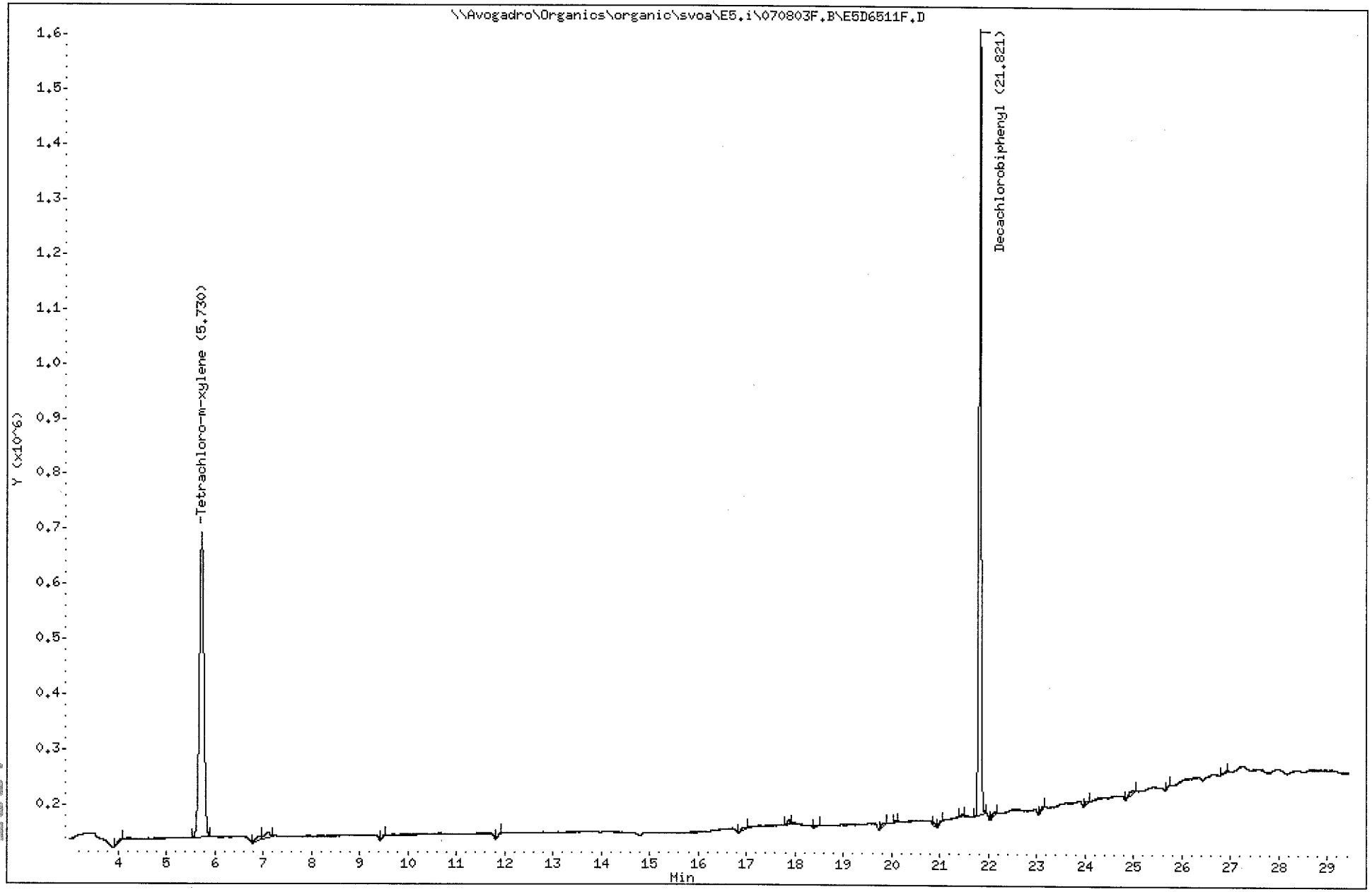
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

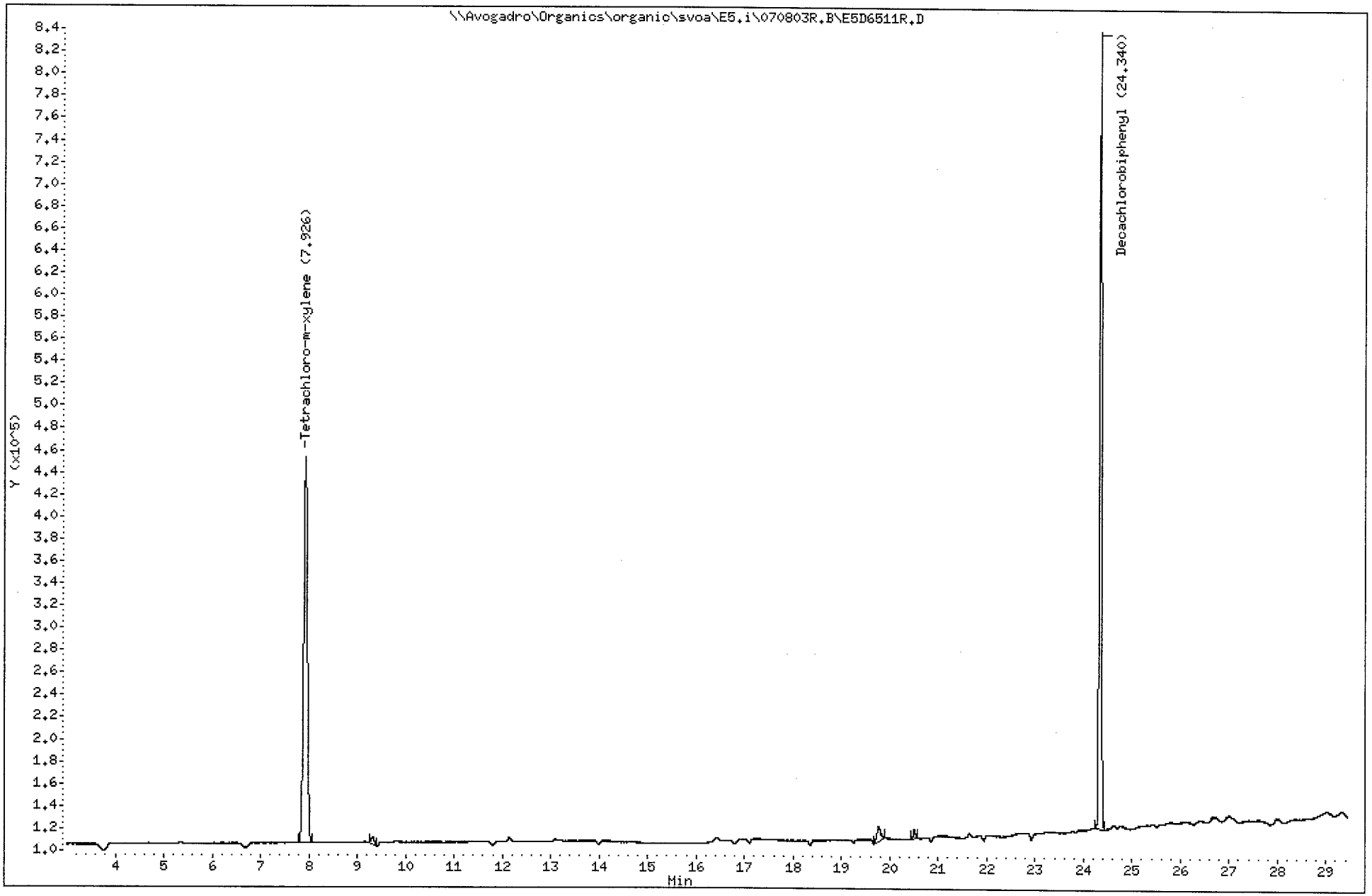
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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\070803F.B\E5D6511F.D
Date : 03-AUG-2007 19:50
Client ID: PIBLKUQ
Instrument: E5.i
Sample Info: PIBLKUQ,PIBLKUQ,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6511R.D
Date : 03-AUG-2007 19:50
Client ID: PIBLKUQ
Instrument: E5.i
Sample Info: PIBLKUQ,PIBLKUQ,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



SSBT

Data File: E5D6511F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6511F.D
Lab Smp Id: PIBLKUQ Client Smp ID: PIBLKUQ
Inj Date : 03-AUG-2007 19:50
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUQ,PIBLKUQ,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
5.730	5.711	0.019	3557135	0.01953	0.20		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.821	21.810	0.011	4626585	0.01903	0.19		

Xo
8/9/07

Data File: E5D6511R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6511R.D
Lab Smp Id: PIBLKUQ Client Smp ID: PIBLKUQ
Inj Date : 03-AUG-2007 19:50
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUQ,PIBLKUQ,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
7.926	7.903	0.023	1854929	0.01896	0.19		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.340	24.329	0.011	2233080	0.01847	0.18		

8.9.07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKUR

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6524F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/04/07

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.

PIBLKUR

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6524R

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

Extraction: (Type) _____ Date Extracted: _____

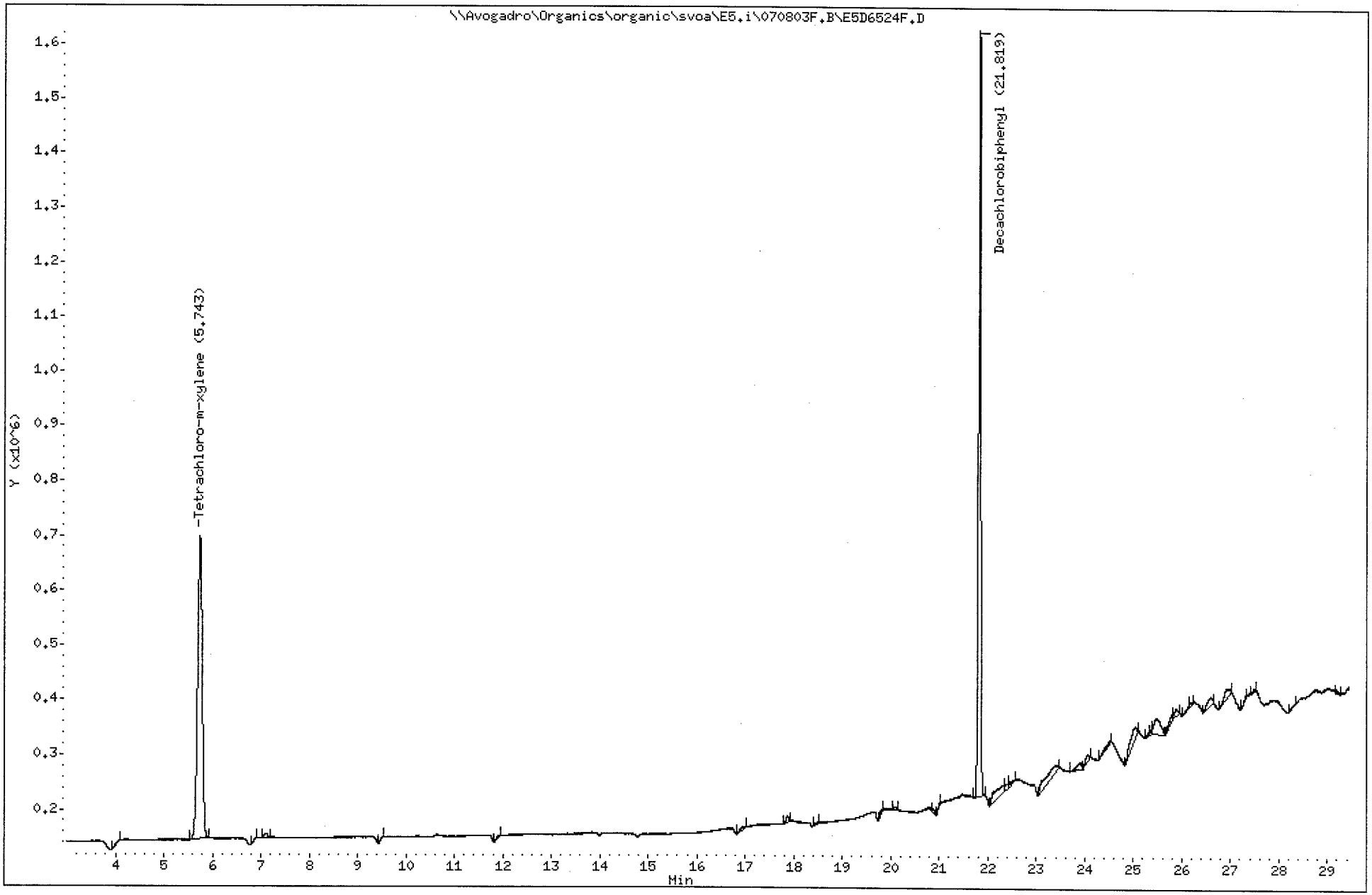
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/04/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

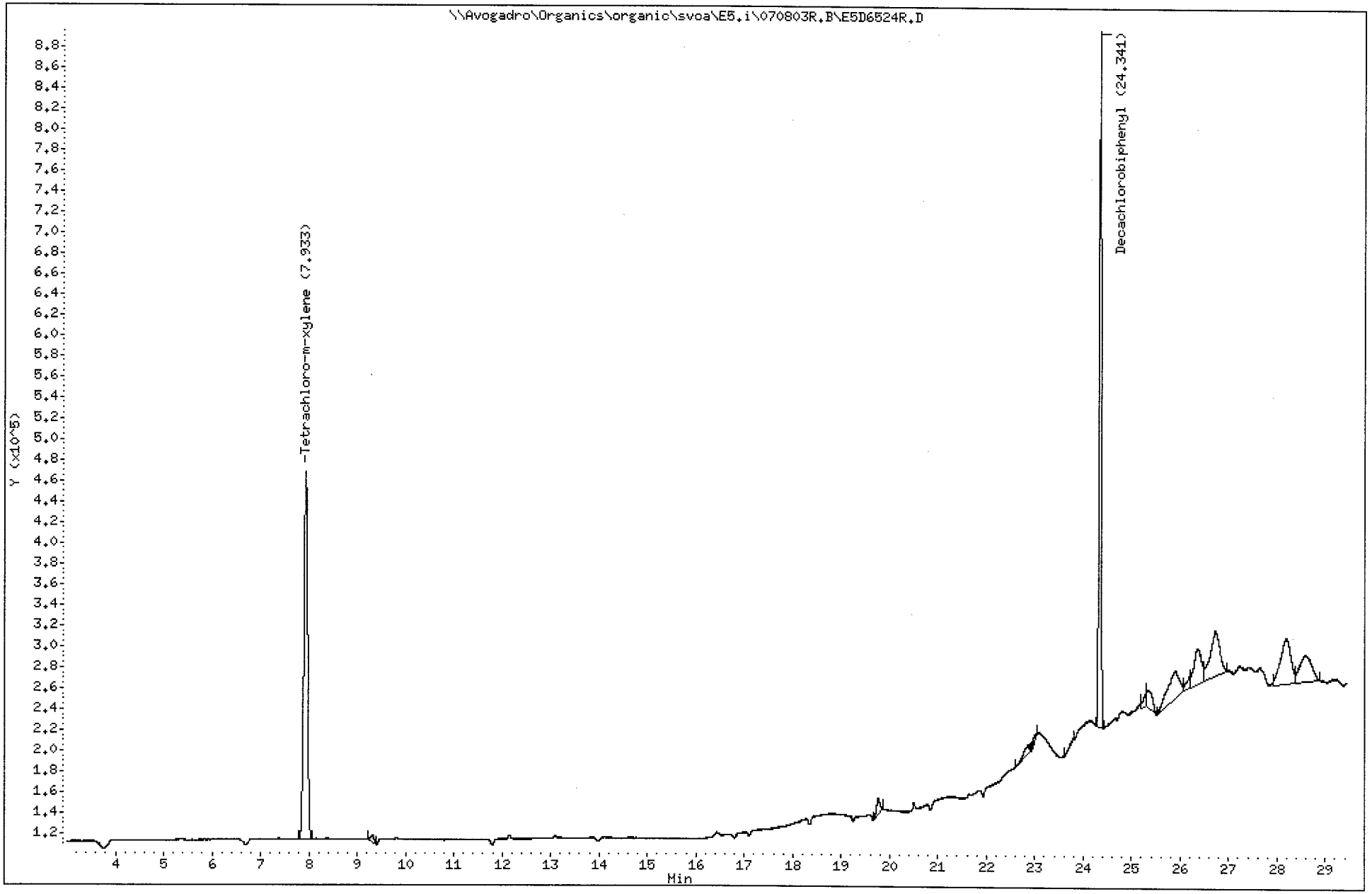
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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\070803F.B\E5D6524F.D
Date : 04-AUG-2007 03:00
Client ID: PIBLKUR
Instrument: E5.i
Sample Info: PIBLKUR,PIBLKUR,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6524R.D
Date : 04-AUG-2007 03:00
Client ID: PIBLKUR
Instrument: E5.i
Sample Info: PIBLKUR,PIBLKUR,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



2017

Data File: E5D6524F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6524F.D
Lab Smp Id: PIBLKUR Client Smp ID: PIBLKUR
Inj Date : 04-AUG-2007 03:00
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUR,PIBLKUR,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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	
5.742	5.711	0.031	3654248	0.02007	0.20		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
21.819	21.810	0.009	4533137	0.01864	0.19		

8/8/07

Data File: E5D6524R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6524R.D
Lab Smp Id: PIBLKUR Client Smp ID: PIBLKUR
Inj Date : 04-AUG-2007 03:00
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUR,PIBLKUR,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				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		
7.932	7.903	0.029	1894257	0.01936	0.19		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.341	24.329	0.012	2029378	0.01678	0.17		

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKUS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6529F

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

Extraction: (Type) _____ Date Extracted: _____

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/04/07

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.

PIBLKUS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6529R

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

Extraction: (Type) ____ Date Extracted: _____

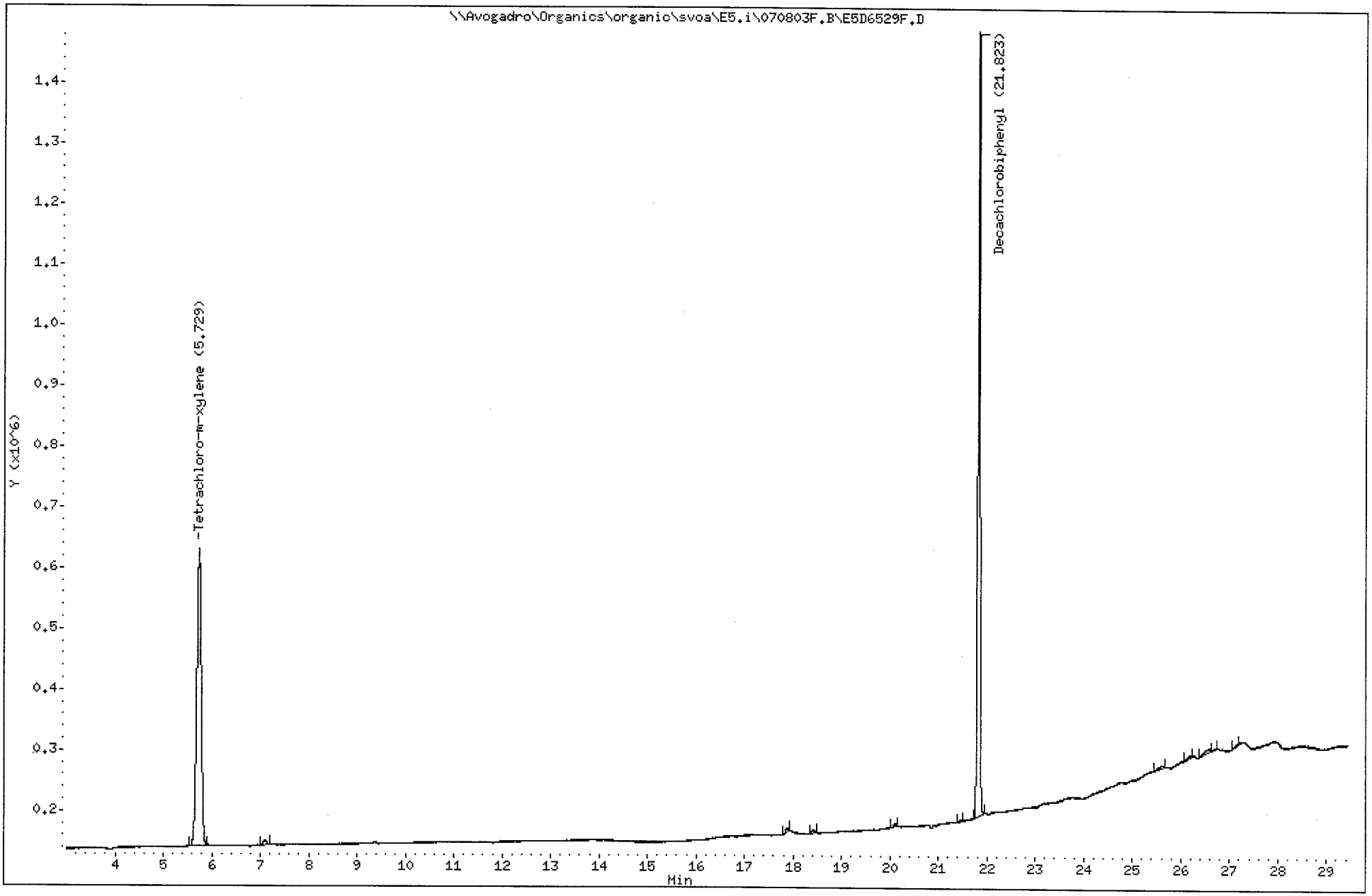
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/04/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

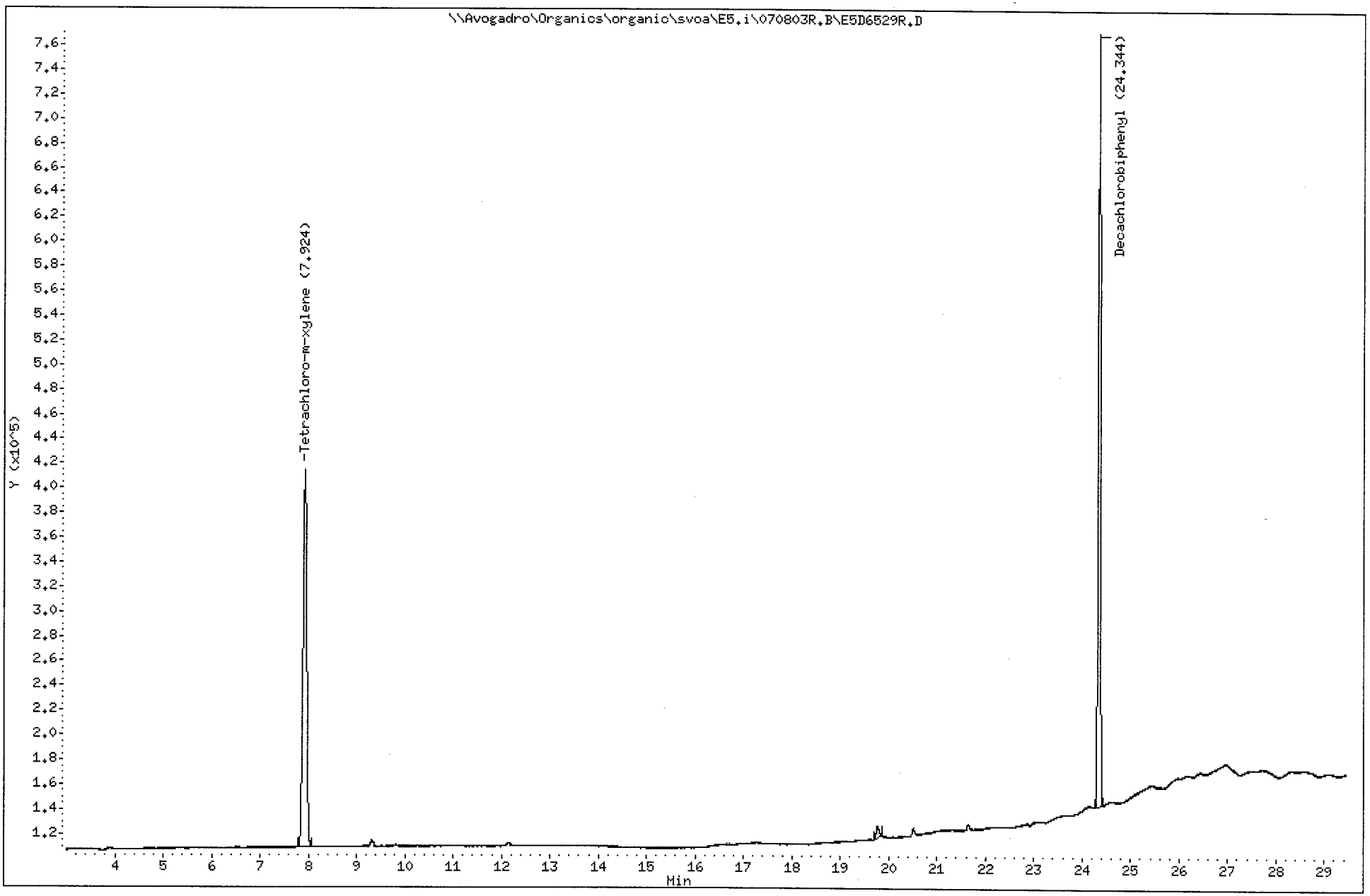
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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\070803F.B\E5D6529F.D
Date : 04-AUG-2007 13:08
Client ID: PIBLKUS
Instrument: E5.i
Sample Info: PIBLKUS,PIBLKUS,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6529R.D
Date : 04-AUG-2007 13:08
Client ID: PIBLKUS
Instrument: E5.i
Sample Info: PIBLKUS,PIBLKUS,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



SGS

Data File: E5D6529F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6529F.D
Lab Smp Id: PIBLKUS Client Smp ID: PIBLKUS
Inj Date : 04-AUG-2007 13:08
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUS,PIBLKUS,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.729	5.711	0.018	3139335	0.01724	0.17		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.822	21.810	0.012	4136626	0.01701	0.17		

8/9/07

Data File: E5D6529R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6529R.D
Lab Smp Id: PIBLKUS Client Smp ID: PIBLKUS
Inj Date : 04-AUG-2007 13:08
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUS,PIBLKUS,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
7.923	7.903	0.020	1633234	0.01669	0.17		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.343	24.329	0.014	1932466	0.01598	0.16		

8/09/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

PIBLKUT

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6534F

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

Extraction: (Type) ____ Date Extracted: _____

Concentrated Extract Volume: 10000(uL) Date Analyzed: 08/04/07

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.

PIBLKUT

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

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

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5D6534R

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

Extraction: (Type) ____ Date Extracted: _____

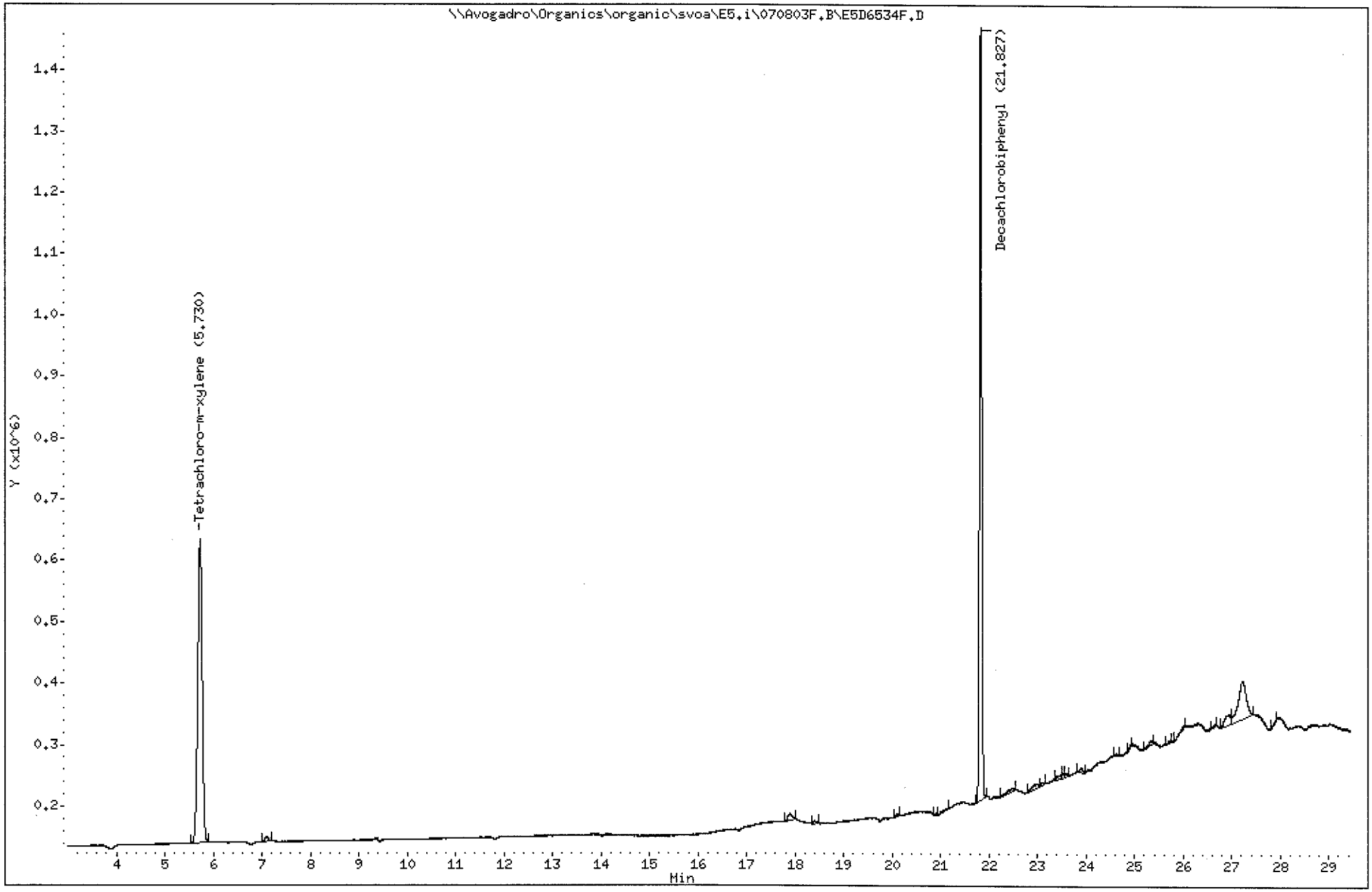
Concentrated Extract Volume: 10000 (uL) Date Analyzed: 08/04/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

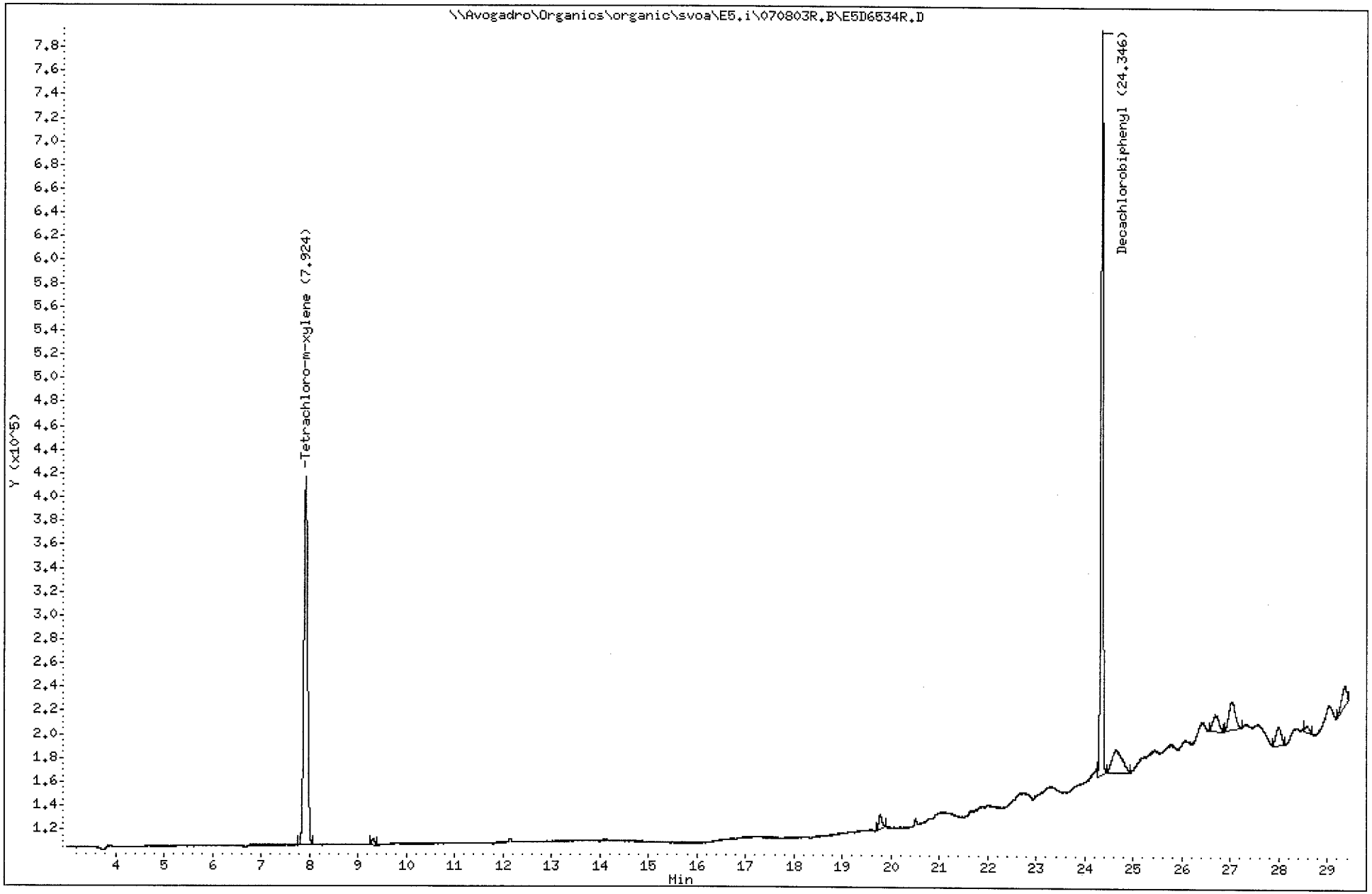
GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

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\070803F.B\E5D6534F.D
Date : 04-AUG-2007 17:21
Client ID: PIBLKUT
Instrument: E5.i
Sample Info: PIBLKUT,PIBLKUT,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6534R.D
Date : 04-AUG-2007 17:21
Client ID: PIBLKUT
Instrument: E5.i
Sample Info: PIBLKUT,PIBLKUT,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6534F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6534F.D
Lab Smp Id: PIBLKUT Client Smp ID: PIBLKUT
Inj Date : 04-AUG-2007 17:21
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUT,PIBLKUT,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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	
5.730	5.711	0.019	3147649	0.01729	0.17		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
21.827	21.810	0.017	4110483	0.01691	0.17		

8/09/07

Data File: E5D6534R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6534R.D
Lab Smp Id: PIBLKUT Client Smp ID: PIBLKUT
Inj Date : 04-AUG-2007 17:21
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : PIBLKUT,PIBLKUT,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
7.923	7.903	0.020	1645756	0.01682	0.17		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.346	24.329	0.017	1945471	0.01609	0.16		

8/09/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P5GLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31308

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5D6344F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 07/23/07

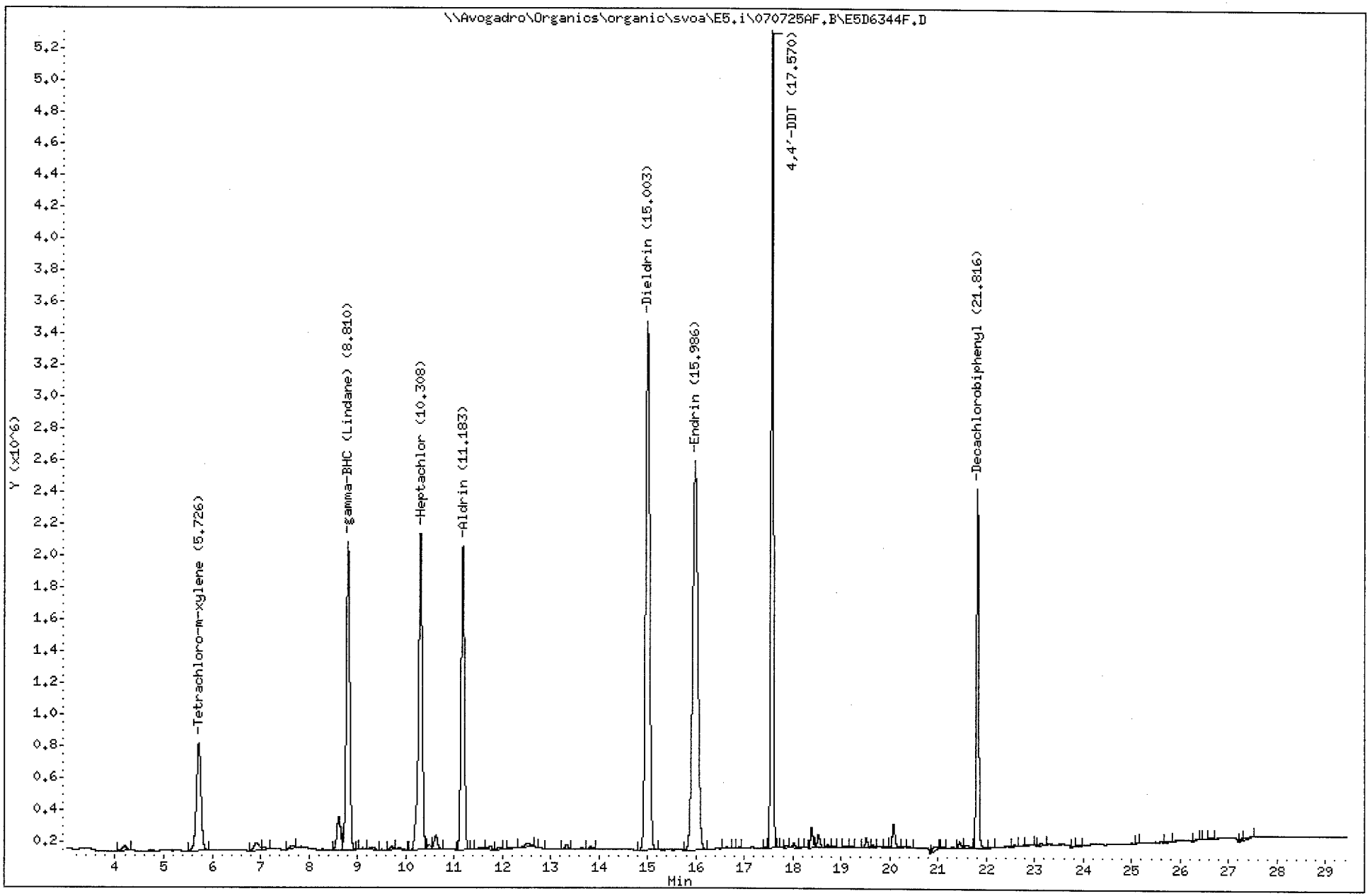
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 07/27/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

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

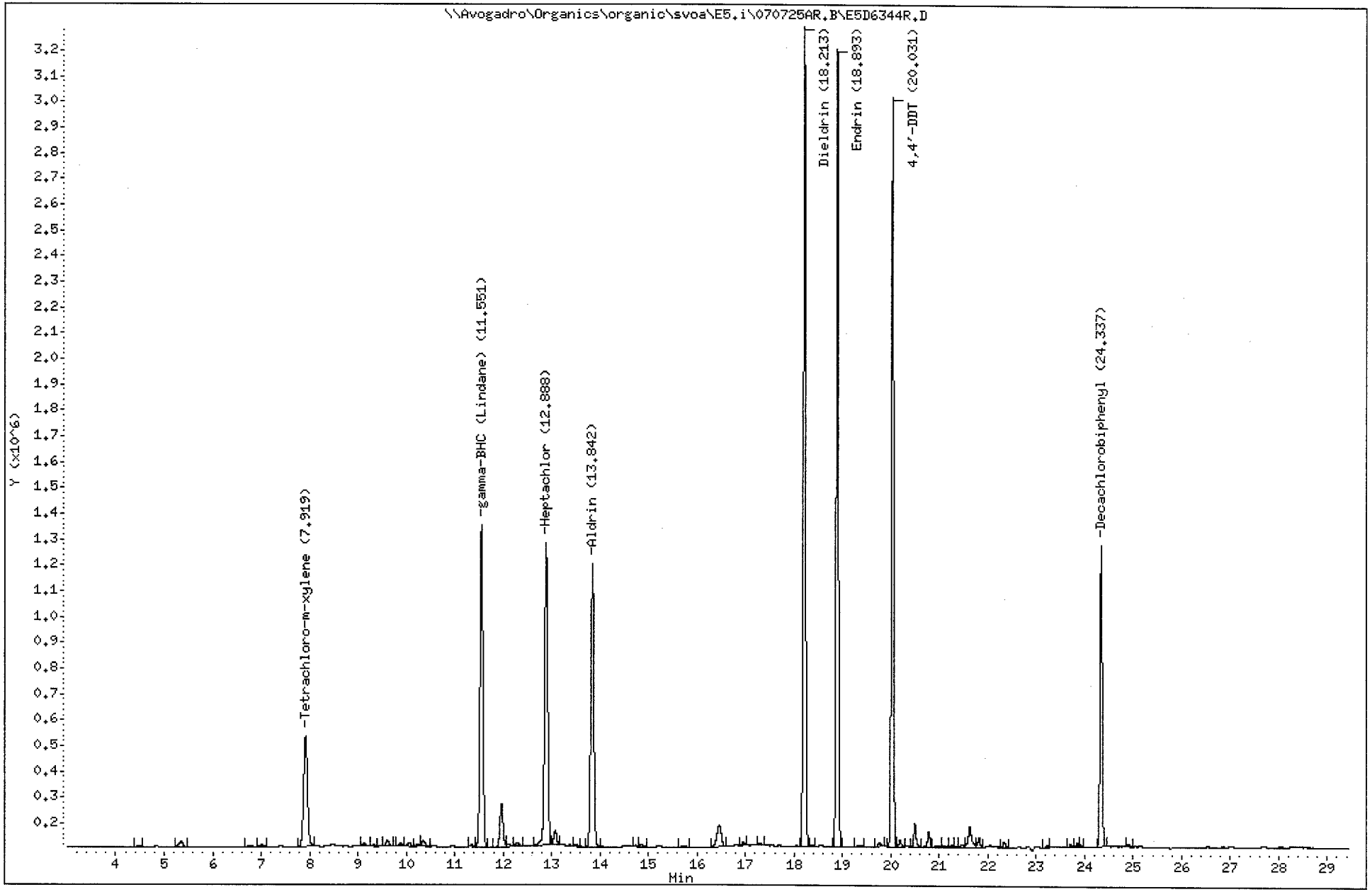
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	11	
76-44-8	Heptachlor	11	
309-00-2	Aldrin	11	
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	24	
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	30	
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	24	
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6344F.D
Date : 27-JUL-2007 09:52
Client ID: P5GLCS
Instrument: E5.i
Sample Info: LCS-31308,P5GLCS,31308,clp.sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



GC11

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6344R.D
Date : 27-JUL-2007 09:52
Client ID: P5GLCS
Instrument: E5.i
Sample Info: LCS-31308,P5GLCS,31308,clp,sub,,
Volume Injected (uL): 1.0
Operator: AW SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6344F.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\E5D6344F.D
Lab Smp Id: LCS-31308 Client Smp ID: P5GLCS
Inj Date : 27-JUL-2007 09:52
Operator : AW SRC: LIMS Inst ID: E5.i
Smp Info : LCS-31308,P5GLCS,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AF.B\clp-e5f.m
Meth Date : 07-Aug-2007 17:01 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 32 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.725	5.711	0.014	4436166	0.02436	8.1		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.815	21.810	0.005	7401287	0.03044	10		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.809	8.794	0.015	9688036	0.03401	11		
5 Heptachlor					CAS #: 76-44-8		
10.308	10.297	0.011	10773567	0.03669	12		
6 Aldrin					CAS #: 309-00-2		
11.183	11.170	0.013	9036661	0.03378	11		
14 Dieldrin					CAS #: 60-57-1		
15.003	14.986	0.017	18996328	0.07279	24		

Data File: E5D6344F.D
Report Date: 09-Aug-2007 13:08

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
15 Endrin					CAS #: 72-20-8		
15.985	15.963	0.022	18328100	0.09223	31		
18 4,4'-DDT					CAS #: 50-29-3		
17.569	17.561	0.008	16954493	0.07409	25		

8.9.07

Data File: E5D6344R.D
Report Date: 09-Aug-2007 13:08

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\E5D6344R.D
Lab Smp Id: LCS-31308 Client Smp ID: P5GLCS
Inj Date : 27-JUL-2007 09:52
Operator : AW SRC: LIMS Inst ID: E5.i
Smp Info : LCS-31308,P5GLCS,31308,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070725AR.B\clp-e5r.m
Meth Date : 07-Aug-2007 17:05 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 32 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.918	7.903	0.015	2326915	0.02378	7.9		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.337	24.329	0.008	3575933	0.02957	9.9		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.550	11.536	0.014	5155705	0.03259	11		
6 Heptachlor					CAS #: 76-44-8		
12.888	12.875	0.013	5211841	0.03269	11		
7 Aldrin					CAS #: 309-00-2		
13.842	13.828	0.014	4730858	0.03305	11		
15 Dieldrin					CAS #: 60-57-1		
18.213	18.203	0.010	10072605	0.07092	24		

8/09/07

Data File: E5D6344R.D
Report Date: 09-Aug-2007 13:08

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
16 Endrin					CAS #: 72-20-8		
18.893	18.885	0.008	9559692	0.08880	30		
19 4,4'-DDT					CAS #: 50-29-3		
20.030	20.023	0.007	8601179	0.07330	24		

8/10/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

P5KLCS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: LCS-31475

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5D6503F

% Moisture: 0 Decanted: (Y/N) N Date Received: _____

Extraction: (Type) SONC Date Extracted: 08/01/07

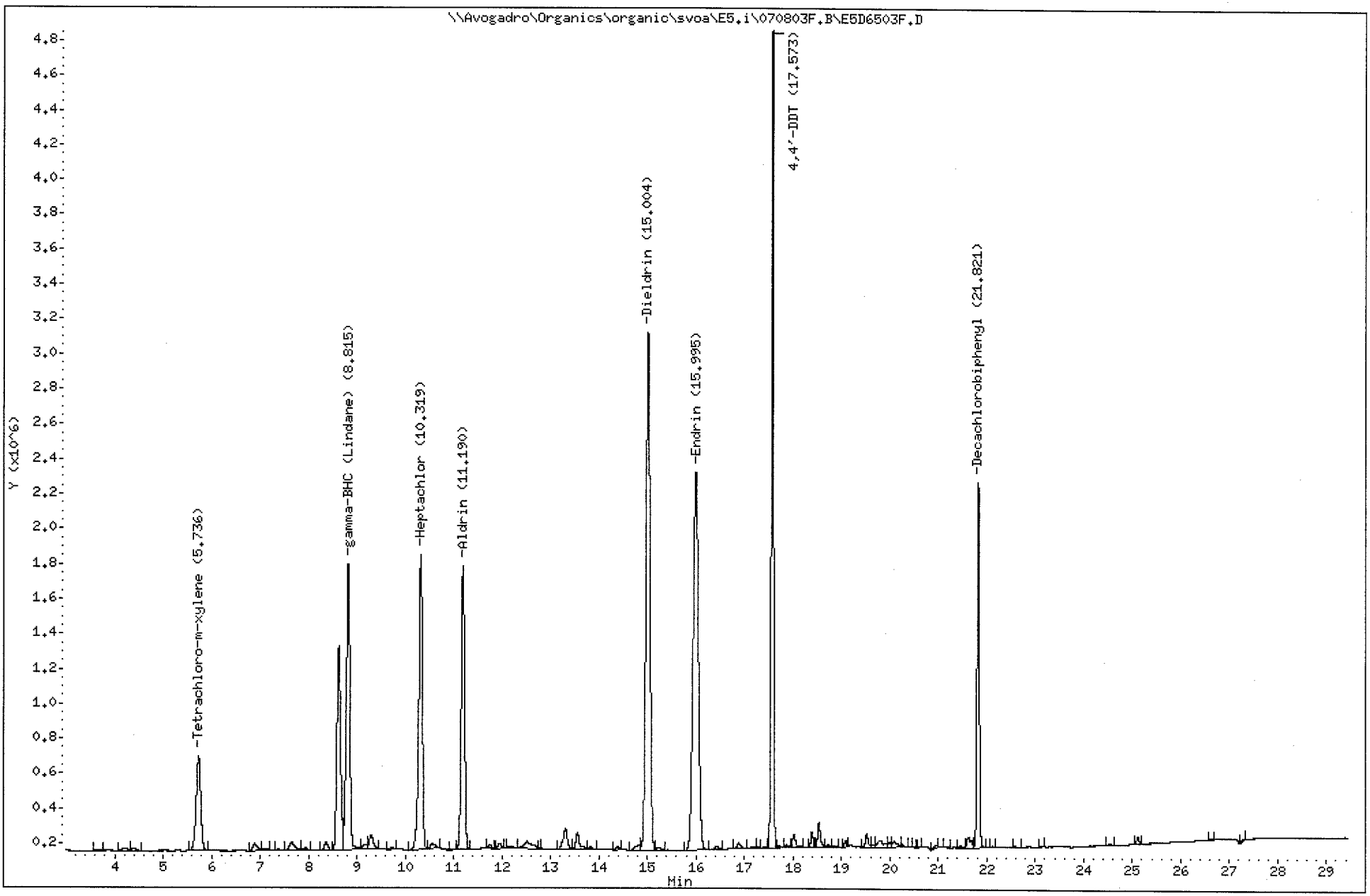
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

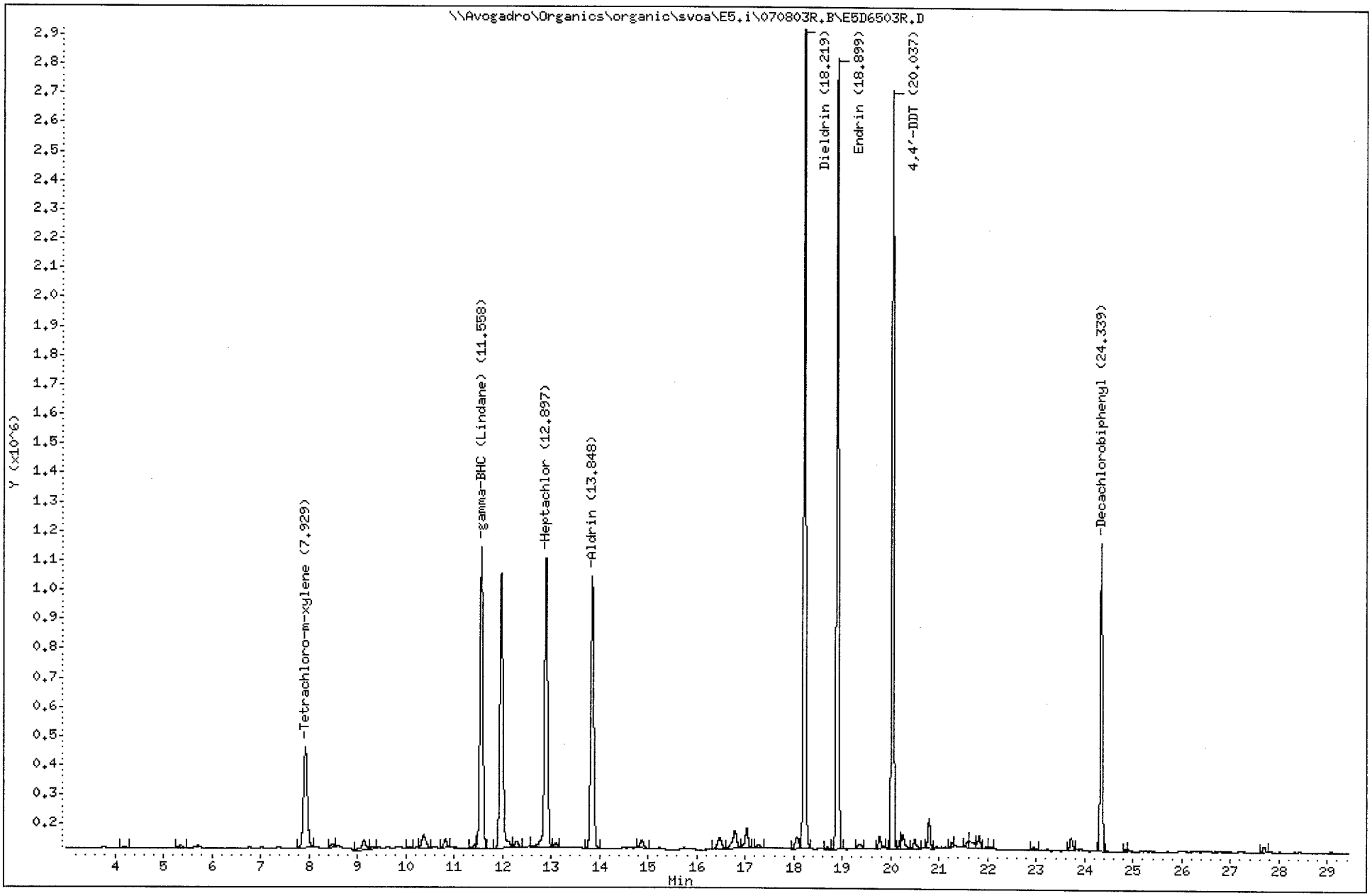
GPC Cleanup: (Y/N) Y pH: _____ Sulfur Cleanup: (Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	9.0	
76-44-8	Heptachlor	9.4	
309-00-2	Aldrin	9.3	
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	21	
72-55-9	4,4'-DDE	3.3	U
72-20-8	Endrin	26	
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4'-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4'-DDT	21	
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	67	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6503F.D
Date : 03-AUG-2007 15:25
Client ID: P5KLCS
Instrument: E5.i
Sample Info: LCS-31475,P5KLCS,31475,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\070803R.B\E5D6503R.D
Date : 03-AUG-2007 15:25
Client ID: P5KLCS
Instrument: E5.i
Sample Info: LCS-31475,P5KLCS,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



SZ

Data File: E5D6503F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6503F.D
Lab Smp Id: LCS-31475 Client Smp ID: P5KLCS
Inj Date : 03-AUG-2007 15:25
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : LCS-31475,P5KLCS,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.736	5.711	0.025	3547234	0.01948	6.5		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.821	21.810	0.011	6755263	0.02778	9.3		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.815	8.794	0.021	8469132	0.02973	9.9		
5 Heptachlor					CAS #: 76-44-8		
10.318	10.297	0.021	8617668	0.02935	9.8		
6 Aldrin					CAS #: 309-00-2		
11.190	11.170	0.020	7683210	0.02872	9.6		
14 Dieldrin					CAS #: 60-57-1		
15.004	14.986	0.018	17021553	0.06522	22		

8/8/07

Data File: E5D6503F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
15 Endrin					CAS #: 72-20-8		
15.995	15.963	0.032	16351644	0.08228	27		
18 4,4'-DDT					CAS #: 50-29-3		
17.572	17.561	0.011	14178587	0.06196	21		

8/9/07

Data File: E5D6503R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6503R.D
Lab Smp Id: LCS-31475 Client Smp ID: P5KLCS
Inj Date : 03-AUG-2007 15:25
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : LCS-31475,P5KLCS,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.929	7.903	0.026	1878285	0.01920	6.4		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.339	24.329	0.010	3235665	0.02676	8.9		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.557	11.536	0.021	4284487	0.02708	9.0		
6 Heptachlor					CAS #: 76-44-8		
12.896	12.875	0.021	4484843	0.02813	9.4		
7 Aldrin					CAS #: 309-00-2		
13.847	13.828	0.019	3981459	0.02781	9.3		
15 Dieldrin					CAS #: 60-57-1		
18.218	18.203	0.015	8910908	0.06274	21		

Data File: E5D6503R.D
Report Date: 09-Aug-2007 13:28

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
16 Endrin					CAS #: 72-20-8		
18.899	18.885	0.014	8403593	0.07806	26		
19 4,4'-DDT					CAS #: 50-29-3		
20.036	20.023	0.013	7625369	0.06498	22		

8/9/07

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MS

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11AMS

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E5D6507F

% Moisture: 14 Decanted: (Y/N) N Date Received: 07/25/07

Extraction: (Type) SONC Date Extracted: 08/01/07

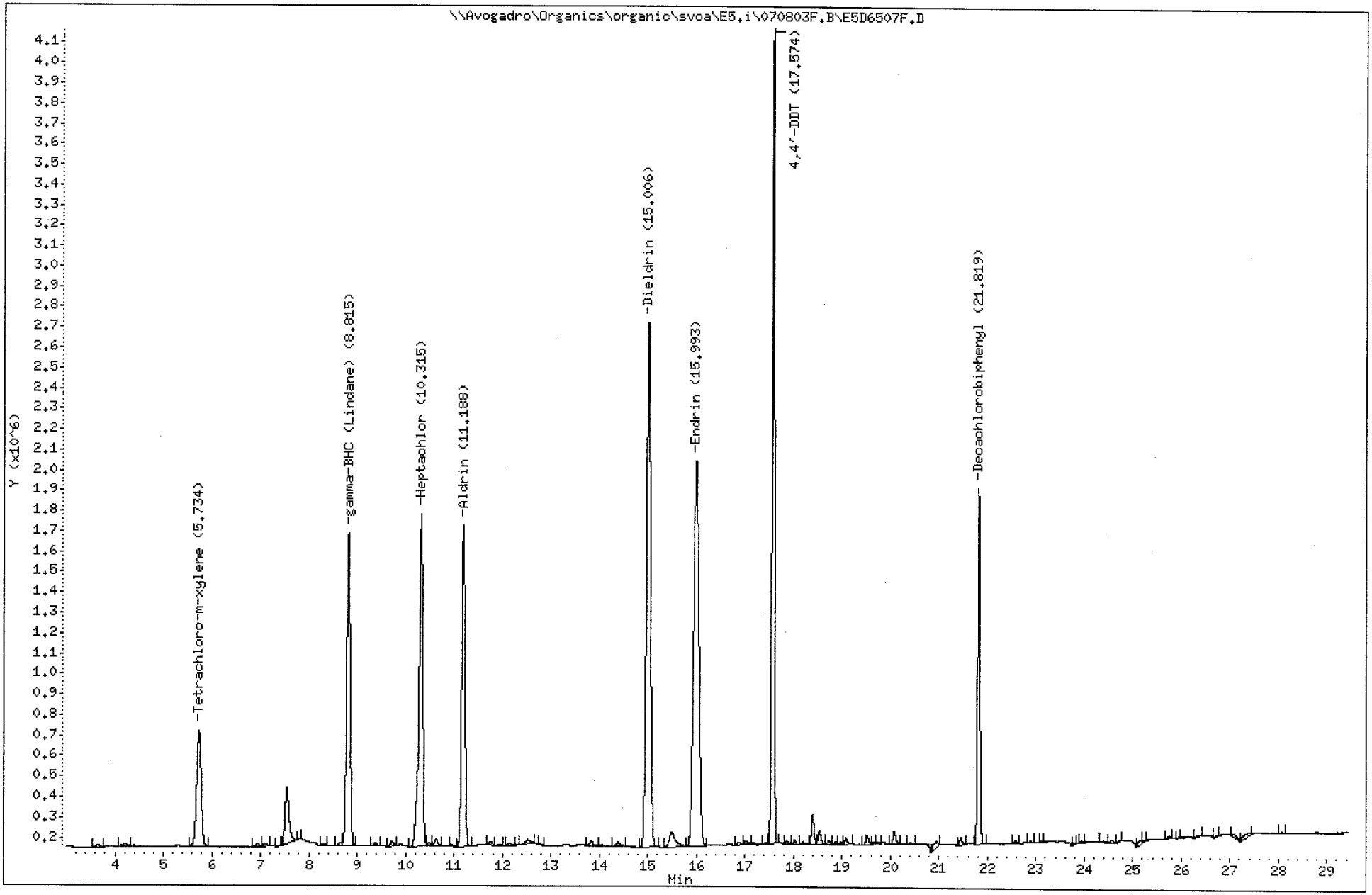
Concentrated Extract Volume: 5000 (uL) Date Analyzed: 08/03/07

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Sulfur Cleanup: (Y/N) Y

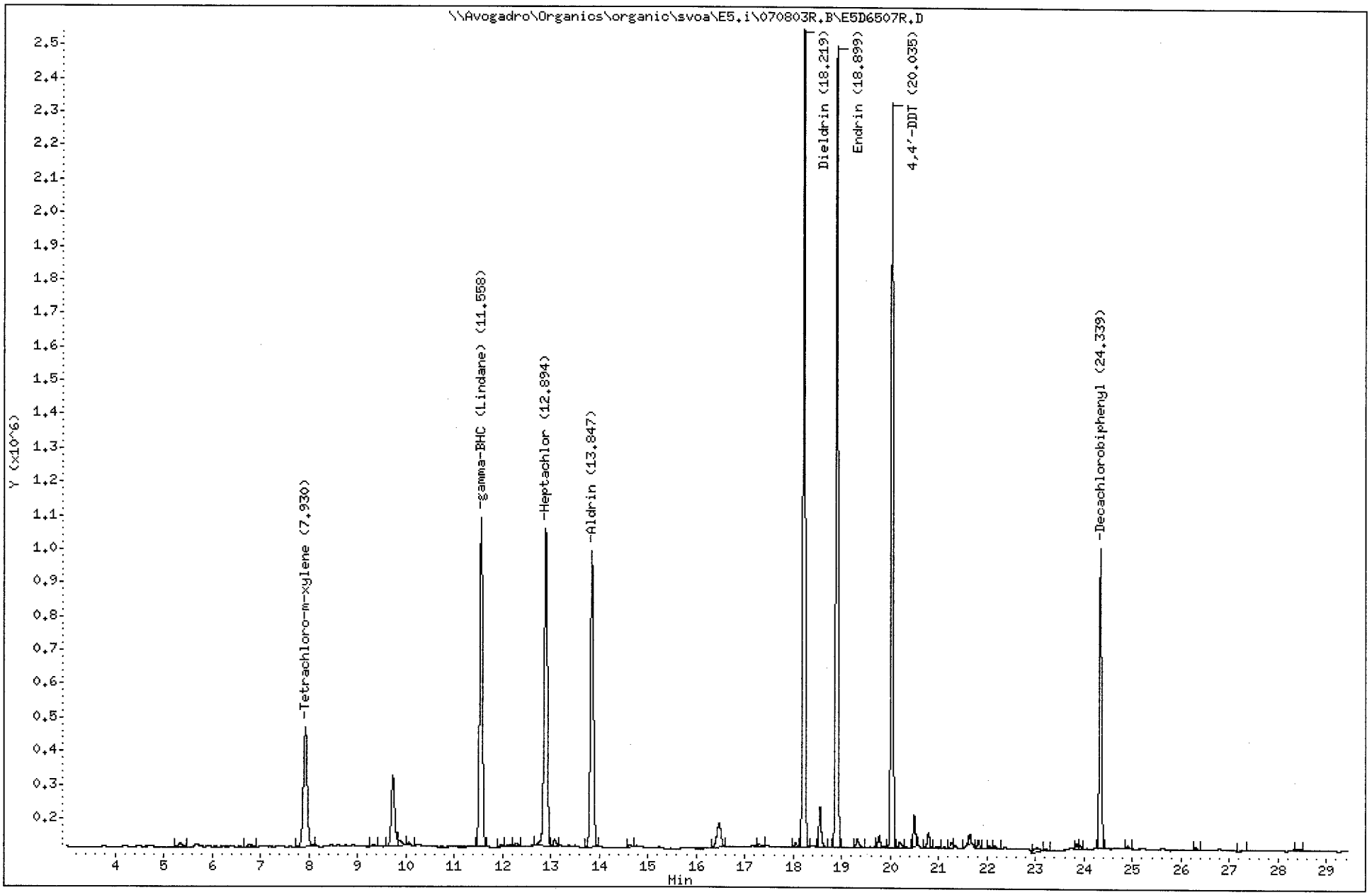
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	9.8	
76-44-8	Heptachlor	10	
309-00-2	Aldrin	10	
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	21	
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	26	
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	21	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	77	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6507F.D
Date : 03-AUG-2007 17:37
Client ID: MW-BR12MS
Instrument: E5.i
Sample Info: F0981-11AMS,,31475,olp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



2617

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6507R.D
Date : 03-AUG-2007 17:37
Client ID: MW-BR12MS
Instrument: E5.i
Sample Info: F0981-11AMS,,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6507F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6507F.D
Lab Smp Id: F0981-11AMS Client Smp ID: MW-BR12MS
Inj Date : 03-AUG-2007 17:37
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-11AMS,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 8 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.734	5.711	0.023	3678490	0.02020	7.8		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.819	21.810	0.009	5664213	0.02330	8.9		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.815	8.794	0.021	7633574	0.02680	10		
5 Heptachlor					CAS #: 76-44-8		
10.315	10.297	0.018	8884931	0.03026	12		
6 Aldrin					CAS #: 309-00-2		
11.187	11.170	0.017	7376853	0.02758	11		
14 Dieldrin					CAS #: 60-57-1		
15.006	14.986	0.020	14804205	0.05673	22		

8/9/07

Data File: E5D6507F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
15 Endrin					CAS #: 72-20-8		
15.992	15.963	0.029	14361109	0.07226	28		
18 4,4'-DDT					CAS #: 50-29-3		
17.574	17.561	0.013	13220593	0.05777	22		

8/9/07

Data File: E5D6507R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6507R.D
Lab Smp Id: F0981-11AMS Client Smp ID: MW-BR12MS
Inj Date : 03-AUG-2007 17:37
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-11AMS,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 8 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.930	7.903	0.027	1946758	0.01990	7.6		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.339	24.329	0.010	2742634	0.02268	8.7		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.557	11.536	0.021	4036718	0.02552	9.8		
6 Heptachlor					CAS #: 76-44-8		
12.893	12.875	0.018	4203905	0.02636	10		
7 Aldrin					CAS #: 309-00-2		
13.846	13.828	0.018	3759674	0.02626	10		
15 Dieldrin					CAS #: 60-57-1		
18.218	18.203	0.015	7746735	0.05454	21		

8/9/07

Data File: E5D6507R.D
Report Date: 09-Aug-2007 13:28

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
16 Endrin					CAS #: 72-20-8		
18.898	18.885	0.013	7378346	0.06854	26		
19 4,4'-DDT					CAS #: 50-29-3		
20.035	20.023	0.012	6558647	0.05589	21		

1E

PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12MSD

Lab Name: MITKEM CORPORATION Contract: _____

Lab Code: MITKEM Case No.: _____ SAS No.: _____ SDG No.: MF0981

Matrix: (soil/water) SOIL Lab Sample ID: F0981-11AMSD

Sample wt/vol: 30.1(g/mL) G Lab File ID: E5D6508F

% Moisture: 14 Decanted: (Y/N) N Date Received: 07/25/07

Extraction: (Type) SONC Date Extracted: 08/01/07

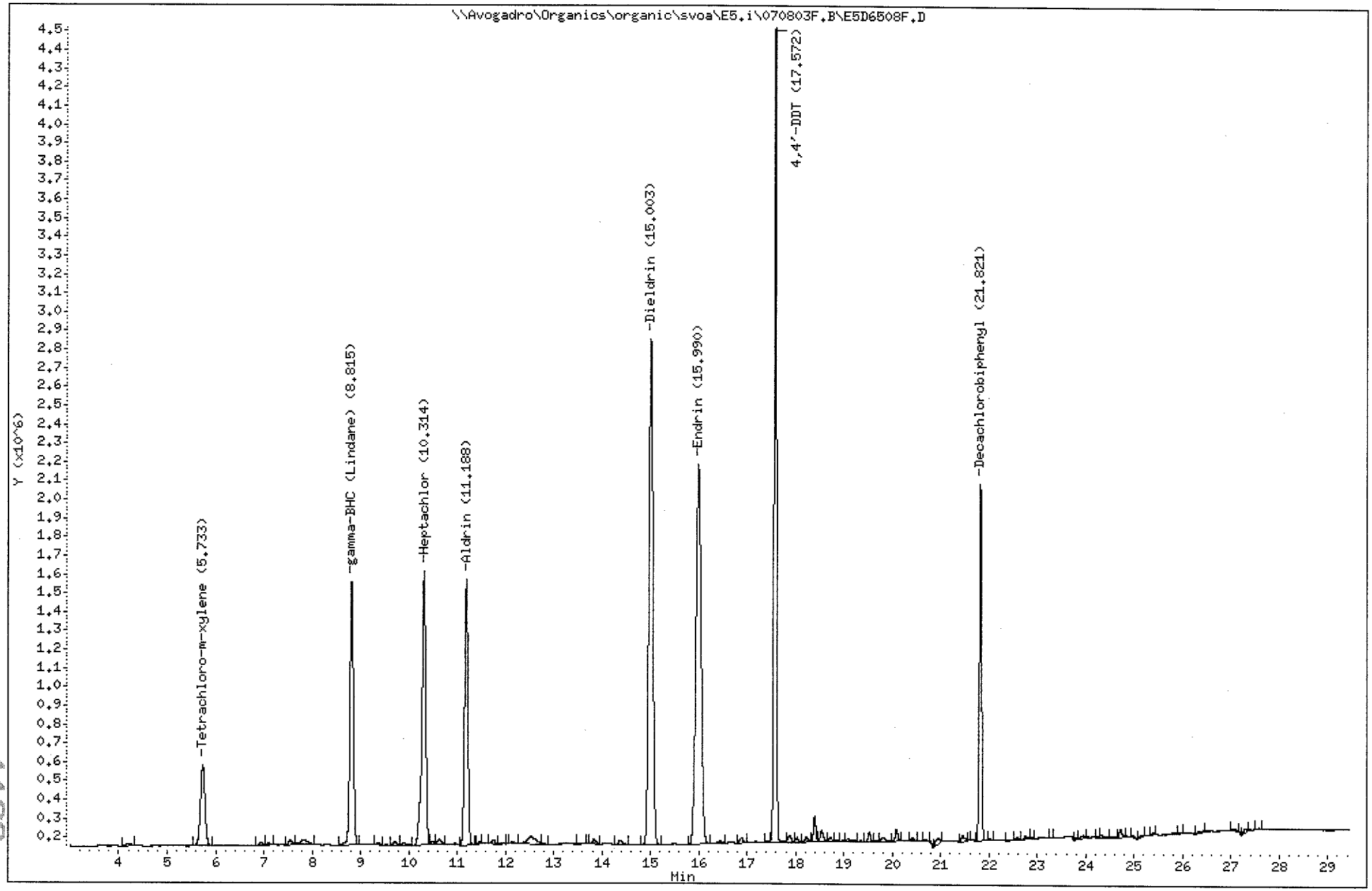
Concentrated Extract Volume: 5000(uL) Date Analyzed: 08/03/07

Injection Volume: 1.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: 7.9 Sulfur Cleanup: (Y/N) Y

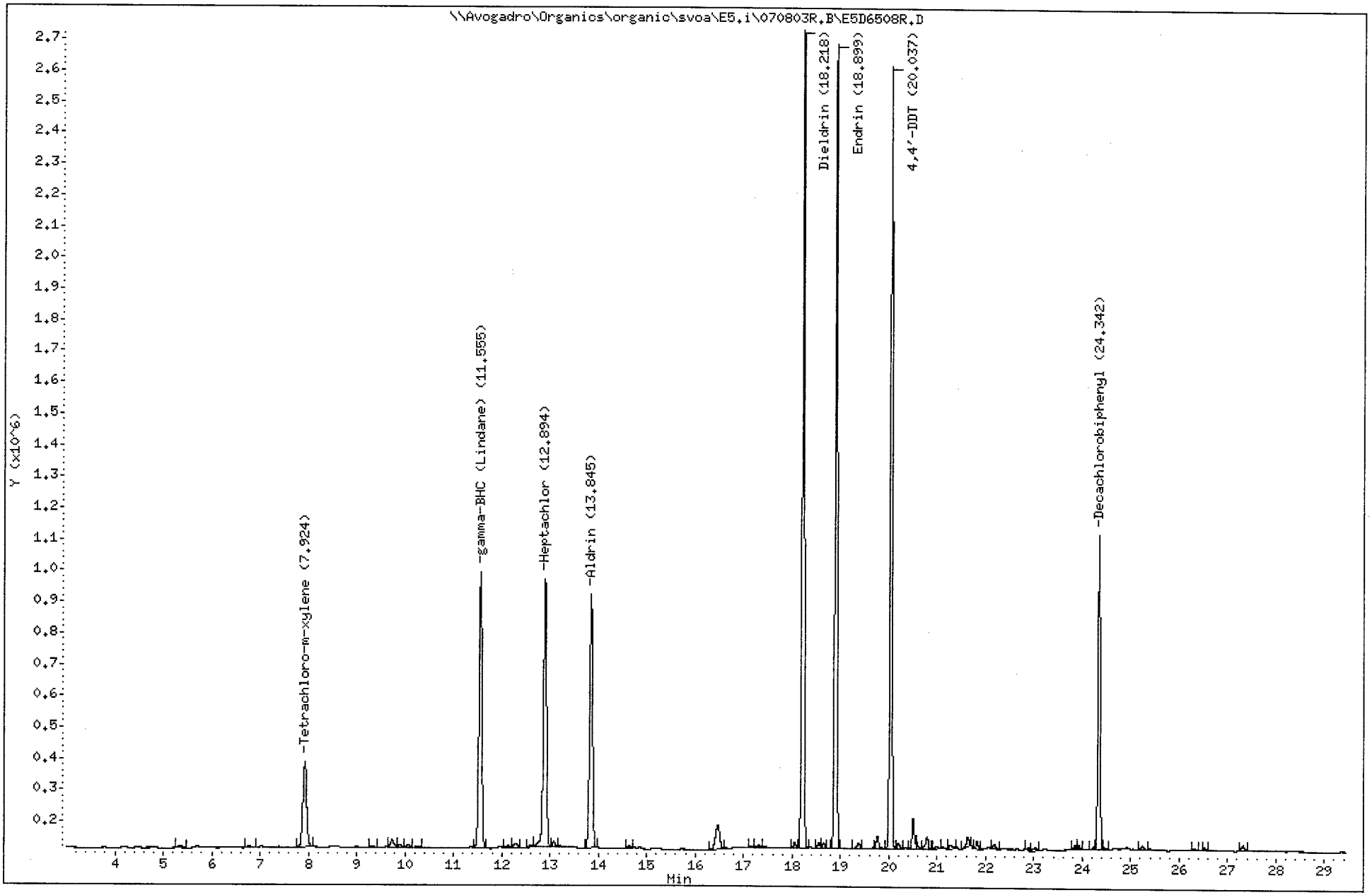
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	9.0	
76-44-8	Heptachlor	9.3	
309-00-2	Aldrin	9.3	
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	23	
72-55-9	4,4'-DDE	3.8	U
72-20-8	Endrin	29	
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	24	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	78	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6508F.D
Date : 03-AUG-2007 18:10
Client ID: MW-BR12MSD
Instrument: E5.i
Sample Info: F0981-11AMSD,,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPEST
Column diameter: 0.53



GC/ECD

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6508R.D
Date : 03-AUG-2007 18:10
Client ID: MW-BR12MSD
Instrument: E5.i
Sample Info: F0981-11AMSD,,31475,clp,sub,,
Volume Injected (uL): 1.0
Operator: SZ SRC: LIMS
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6508F.D
Report Date: 09-Aug-2007 13:25

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6508F.D
Lab Smp Id: F0981-11AMSD Client Smp ID: MW-BR12MSD
Inj Date : 03-AUG-2007 18:10
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-11AMSD,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 09-Aug-2007 13:25 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 9 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
5.732	5.711	0.021	2799603	0.01537	5.9		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.821	21.810	0.011	6138159	0.02525	9.8		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
8.814	8.794	0.020	6989555	0.02454	9.5		
5 Heptachlor					CAS #: 76-44-8		
10.313	10.297	0.016	7969120	0.02714	10		
6 Aldrin					CAS #: 309-00-2		
11.187	11.170	0.017	6671162	0.02494	9.6		
14 Dieldrin					CAS #: 60-57-1		
15.002	14.986	0.016	15558396	0.05962	23		

8/19/07

Data File: E5D6508F.D
Report Date: 09-Aug-2007 13:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
15 Endrin					CAS #: 72-20-8		
15.989	15.963	0.026	15223131	0.07660	30		
18 4,4'-DDT					CAS #: 50-29-3		
17.572	17.561	0.011	14652917	0.06403	25		

8/9/07

Data File: E5D6508R.D
Report Date: 09-Aug-2007 13:28

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\E5D6508R.D
Lab Smp Id: F0981-11AMSD Client Smp ID: MW-BR12MSD
Inj Date : 03-AUG-2007 18:10
Operator : SZ SRC: LIMS Inst ID: E5.i
Smp Info : F0981-11AMSD,,31475,clp.sub,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803R.B\clp-e5r.m
Meth Date : 09-Aug-2007 13:28 E5.i Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 9 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: clp.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	14.000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
7.923	7.903	0.020	1493282	0.01526	5.9		
$ 3 Decachlorobiphenyl					CAS #: 2051-24-3		
24.342	24.329	0.013	3089217	0.02555	9.9		
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.555	11.536	0.019	3684860	0.02329	9.0		
6 Heptachlor					CAS #: 76-44-8		
12.893	12.875	0.018	3847186	0.02413	9.3		
7 Aldrin					CAS #: 309-00-2		
13.844	13.828	0.016	3451825	0.02411	9.3		
15 Dieldrin					CAS #: 60-57-1		
18.217	18.203	0.014	8323617	0.05860	23		

8/09/07

Data File: E5D6508R.D
Report Date: 09-Aug-2007 13:28

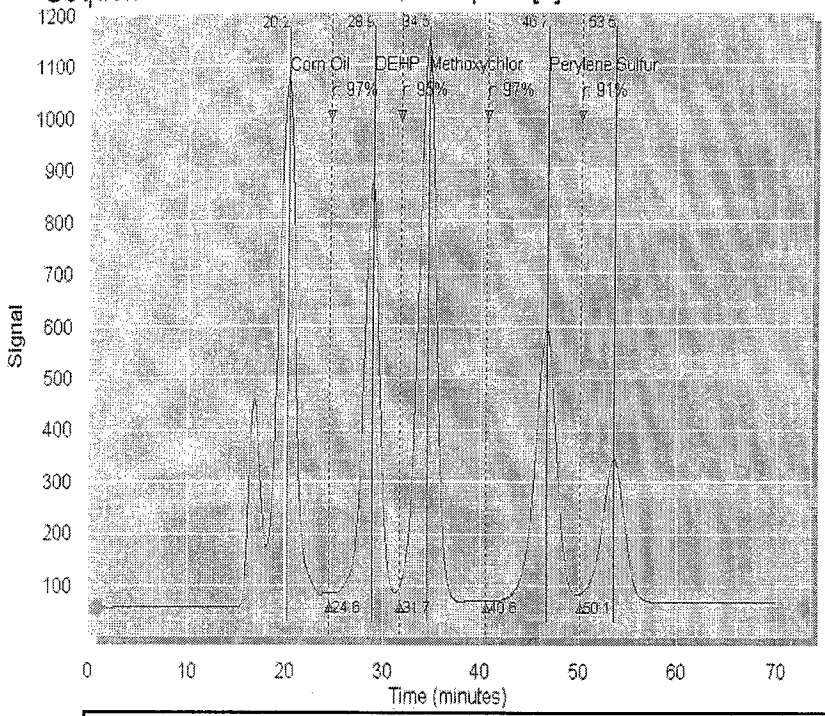
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
16 Endrin					CAS #: 72-20-8		
18.898	18.885	0.013	7947828	0.07383	29		
19 4,4'-DDT					CAS #: 50-29-3		
20.037	20.023	0.014	7326117	0.06243	24		

Column Calibration Report

Sample ID: GPC3070723-UV1
Sequence: GPC3070723UV
Description: sample
Volume: 5000
Method: GPC CALIBRATION
Position: 2
Outcome: Sample processed normally

Start Time: 10:19:21, 07/23/07
End Time: 11:31:38, 07/23/07
Column Name: DCMTrad
Description: DCM Trad
Serial #:
Pressure Limit: 30

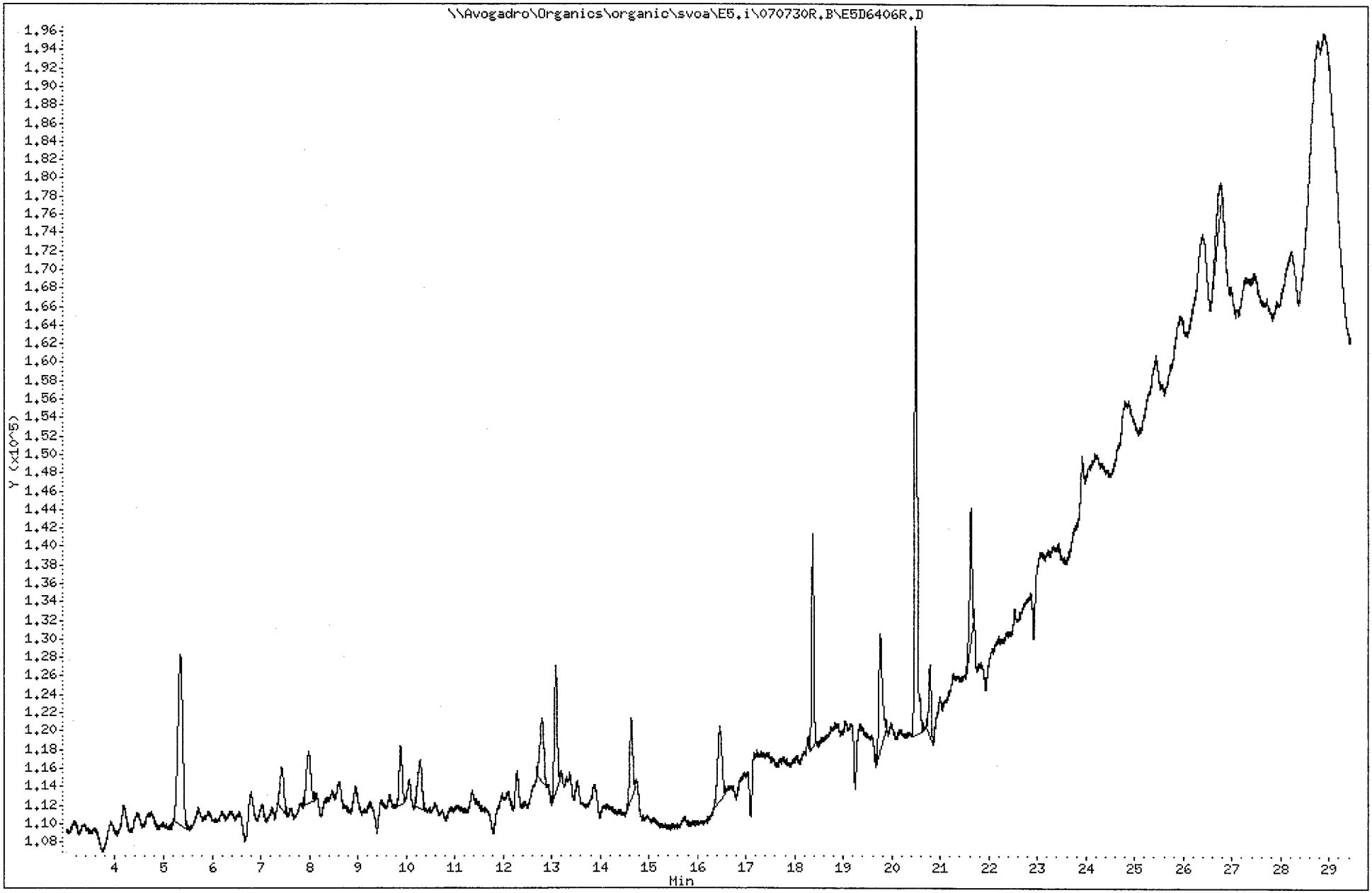
Sequence: GPC3070723UV, Sample: [2] GPC3070723-UV1



GPC3070723-UV1

Peak	Sample	Retention Time	Pk Ht	Base	Res.	Tol.	P/F
1	Corn Oil	20.2	59	59.4			
2	DEHP	28.9	59	59.4	96.6	85.0	P
3	Methoxychlor	34.5	59	59.4	95.1	85.0	P
4	Perylene	46.7	59	59.4	97.5	85.0	P
5	Sulfur	53.5	59	59.4	90.7	85.0	P

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070730R.B\E5D6406R.D
Date : 31-JUL-2007 00:27
Client ID:
Instrument: E5.i
Sample Info: GPC0723-PB,,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6406R.D
Report Date: 31-Jul-2007 14:33

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070730R.B\E5D6406R.D
Lab Smp Id: GPC0723-PB
Inj Date : 31-JUL-2007 00:27
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : GPC0723-PB,,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070730R.B\clp-e5r.m
Meth Date : 31-Jul-2007 08:00 xding Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 47
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

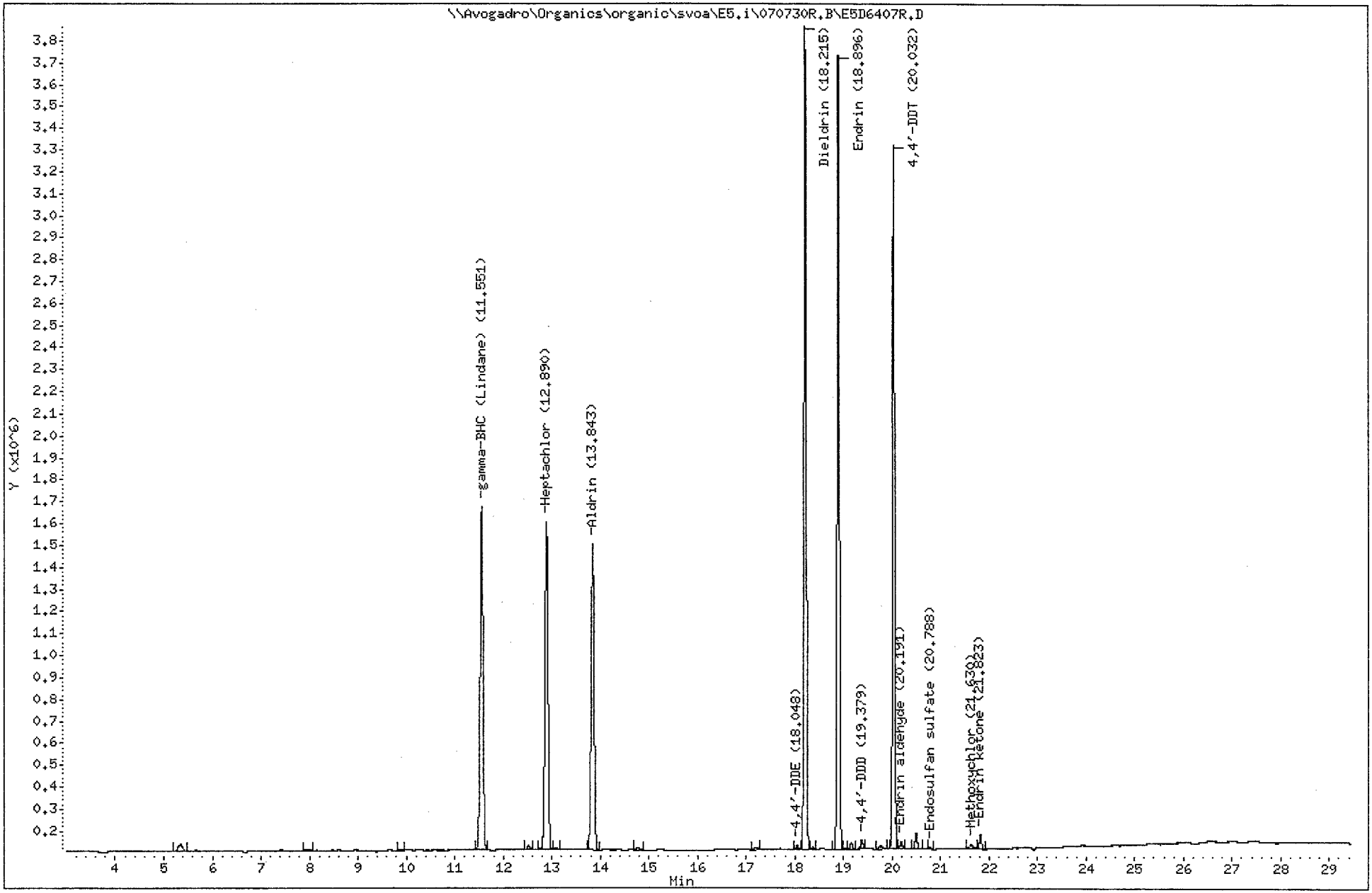
Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
====	========	========	========	=======	=======	==========	=====

8/31/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070730R.B\E5D6407R.D
Date : 31-JUL-2007 01:00
Client ID:
Instrument: E5.i
Sample Info: GPC0723-PMS,,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6407R.D
Report Date: 31-Jul-2007 14:29

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070730R.B\E5D6407R.D
Lab Smp Id: GPC0723-PMS
Inj Date : 31-JUL-2007 01:00
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : GPC0723-PMS,,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070730R.B\clp-e5r.m
Meth Date : 31-Jul-2007 08:00 xding Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 48 QC Sample: GPCCAL
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: gpc.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

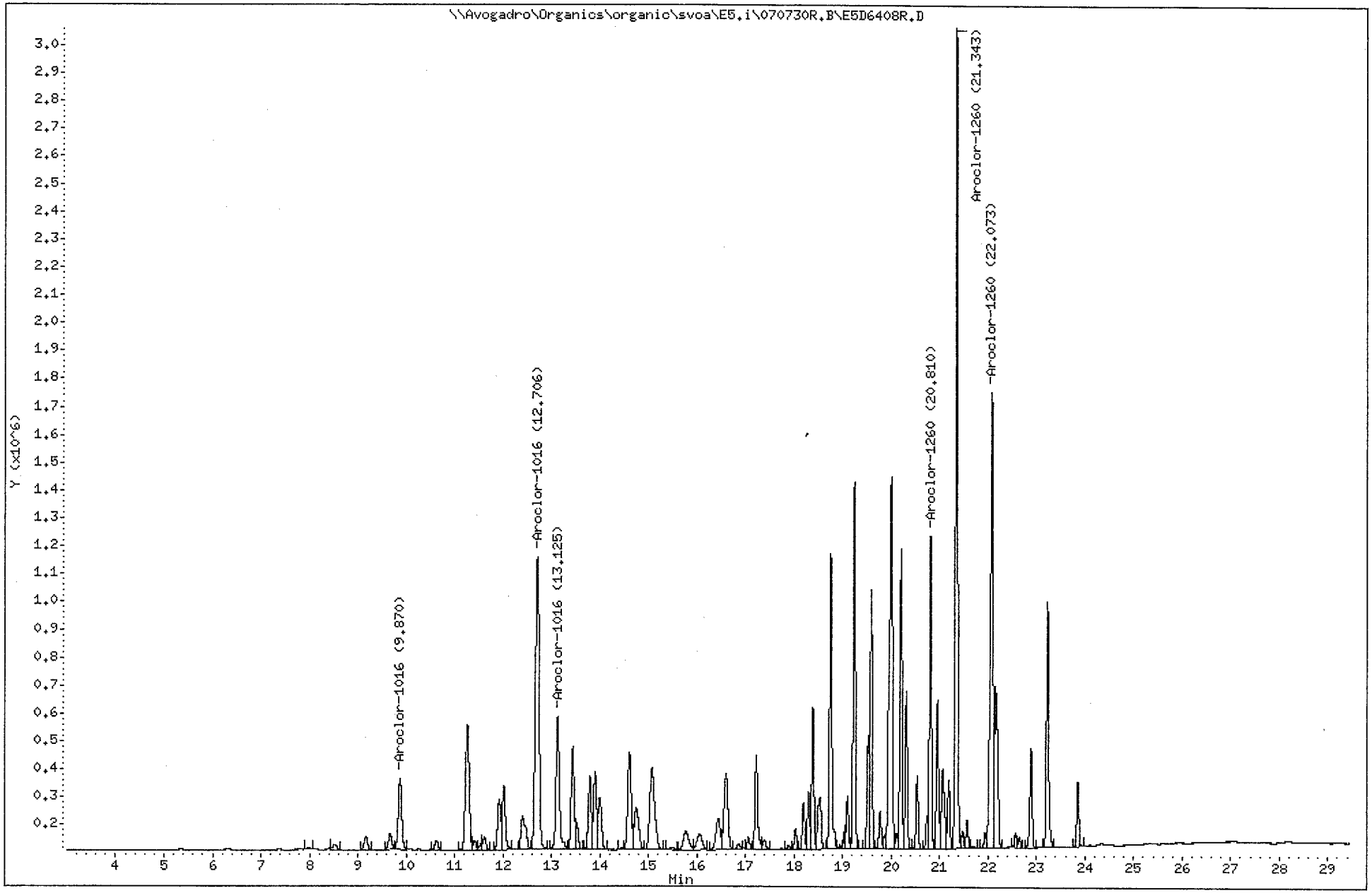
Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL (ng)	FINAL (ng)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
5 gamma-BHC (Lindane)					CAS #: 58-89-9		
11.551	11.536	0.015	6443258	0.04073	0.041		
6 Heptachlor					CAS #: 76-44-8		
12.889	12.875	0.014	6440743	0.04039	0.040		
7 Aldrin					CAS #: 309-00-2		
13.843	13.828	0.015	5973463	0.04173	0.042		
15 Dieldrin					CAS #: 60-57-1		
18.214	18.203	0.011	11928492	0.08399	0.084		
16 Endrin					CAS #: 72-20-8		
18.895	18.885	0.010	11242870	0.10443	0.10		
19 4,4'-DDT					CAS #: 50-29-3		
20.032	20.023	0.009	9445125	0.08049	0.080		

7/31/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070730R.B\E5D6408R.D
Date : 31-JUL-2007 01:34
Client ID:
Instrument: E5.i
Sample Info: GPC0723-ARO,,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPESTII
Column diameter: 0.53



Data File: E5D6408R.D
Report Date: 31-Jul-2007 14:29

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070730R.B\E5D6408R.D
Lab Smp Id: GPC0723-ARO
Inj Date : 31-JUL-2007 01:34
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : GPC0723-ARO,,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070730R.B\clp-e5r.m
Meth Date : 31-Jul-2007 08:00 xding Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181R.D
Als bottle: 49
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
24 Aroclor-1016					CAS #: 12674-11-2		
9.869	9.852	0.017	1268502	0.71695	7.2	80.00- 120.00	100.00
12.706	12.689	0.017	5648021	0.77468	7.7	375.42- 415.42	445.25
13.125	13.112	0.013	2353141	0.85108	8.5	134.15- 174.15	185.51
		Average of Peak Concentrations =			7.8		
30 Aroclor-1260					CAS #: 11096-82-5		
20.810	20.799	0.011	3441301	0.75922	7.6	80.00- 120.00	100.00
21.342	21.332	0.010	8973662	0.82324	8.2	216.23- 256.23	260.76
22.072	22.063	0.009	6199987	0.77007	7.7	156.82- 196.82	180.16
		Average of Peak Concentrations =			7.8		

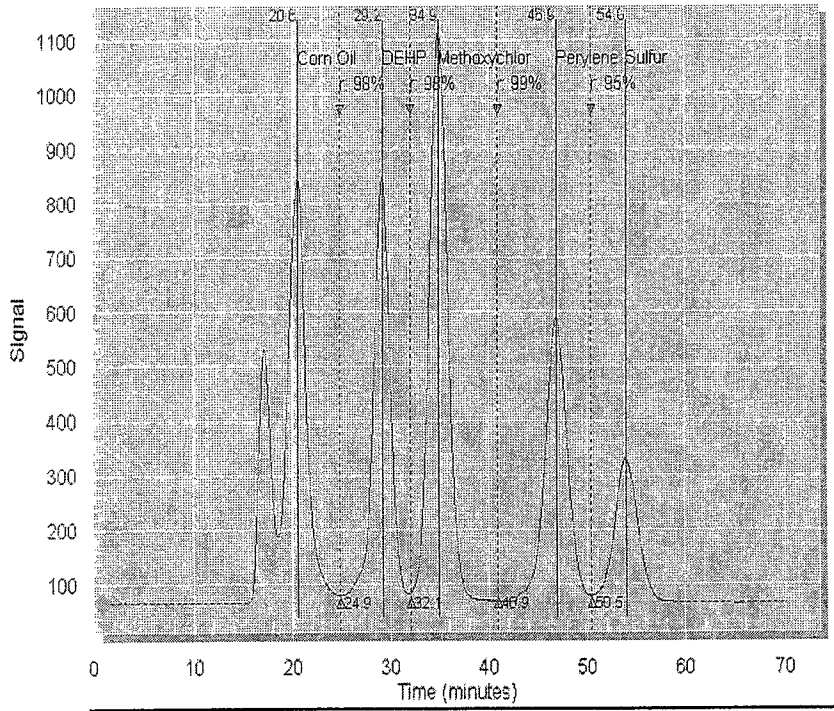
8/3/07

Column Calibration Report

Sample ID: GPC3070730-UV2
Sequence: GPC3070730UV
Description: sample
Volume: 5000
Method: GPC CALIBRATION
Position: 3
Outcome: Sample processed normally

Start Time: 14:44:29, 07/30/07
End Time: 15:56:46, 07/30/07
Column Name: DCMTrad
Description: DCM Trad
Serial #:
Pressure Limit: 30

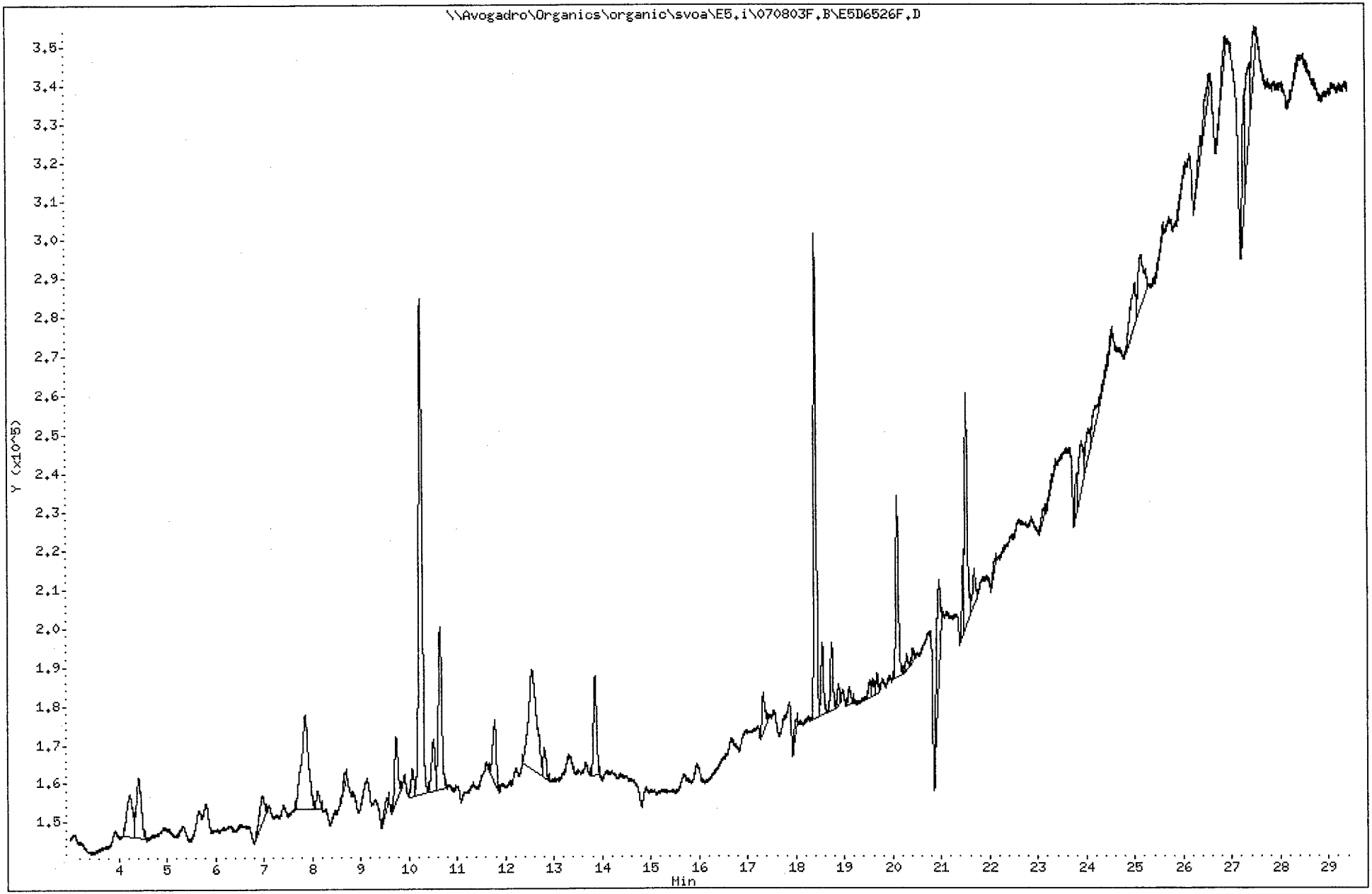
Sequence: GPC3070730UV, Sample: [3] GPC3070730-UV2



GPC3070730-UV2

Peak	Sample	Retention Time	Pk Ht	Base	Res.	Tol.	P/F
1	Corn Oil	20.6	68	67.7			
2	DEHP	29.2	68	67.7	98.0	85.0	P
3	Methoxychlor	34.9	68	67.7	97.6	85.0	P
4	Perylene	46.9	68	67.7	99.4	85.0	P
5	Sulfur	54.0	68	67.7	95.3	85.0	P

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6526F.D
Date : 04-AUG-2007 11:29
Client ID:
Instrument: E5.i
Sample Info: GPC30730-PB,,,,,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



Data File: E5D6526F.D
Report Date: 04-Aug-2007 13:30

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6526F.D
Lab Smp Id: GPC30730-PB
Inj Date : 04-AUG-2007 11:29
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : GPC30730-PB,,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 04-Aug-2007 11:00 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: CLP.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: TARGET107

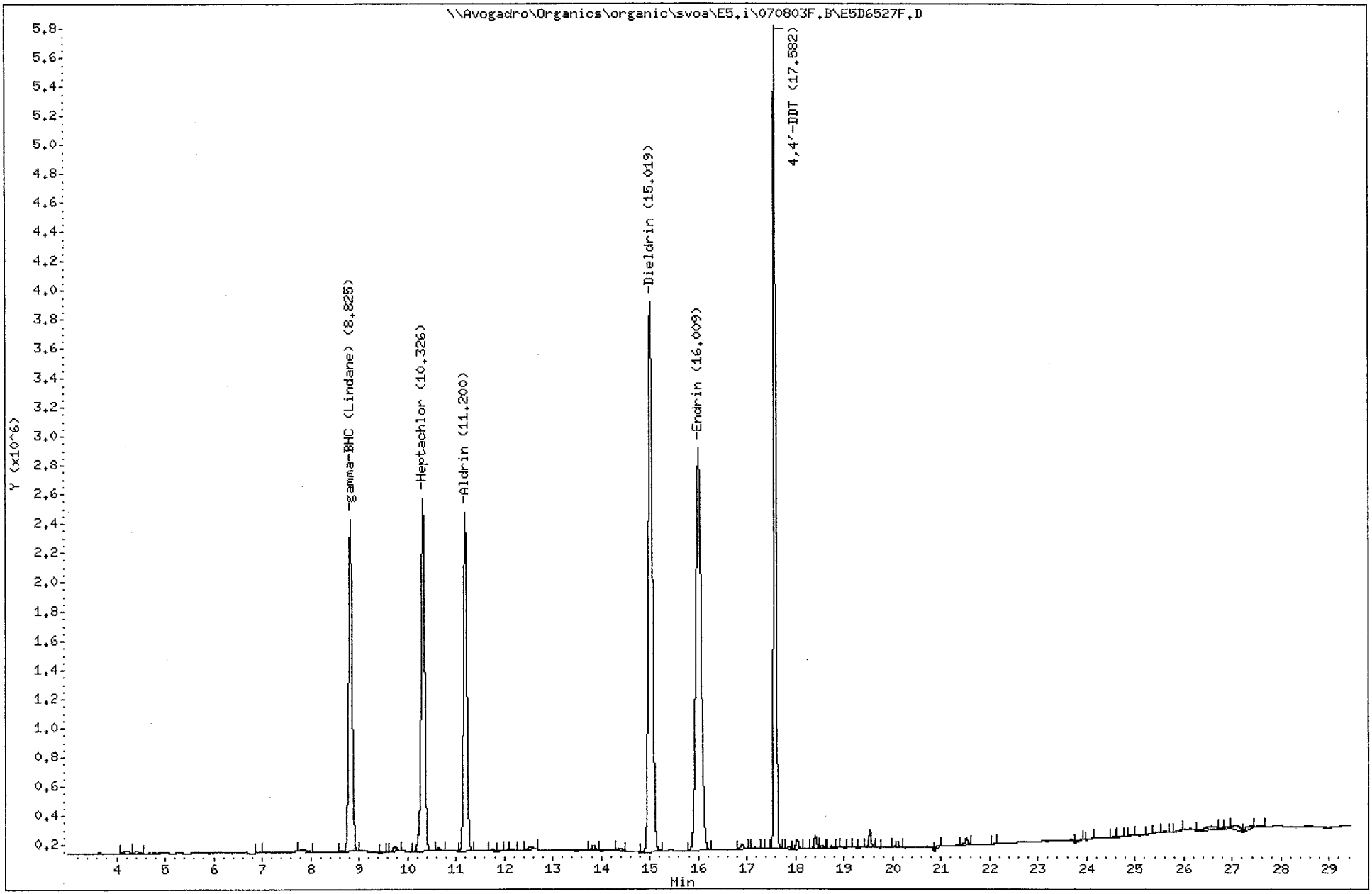
Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
====	========	========	========	=======	=======	==========	=====

8/24/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6527F.D
Date : 04-AUG-2007 12:02
Client ID:
Instrument: E5.i
Sample Info: GPC30730-PMS,,,,GPC,SUB,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



Data File: E5D6527F.D
Report Date: 04-Aug-2007 13:30

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6527F.D
Lab Smp Id: GPC30730-PMS
Inj Date : 04-AUG-2007 12:02
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : GPC30730-PMS,,,,GPC.SUB,
Misc Info : 3,,GPCCAL,1,,1000
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 04-Aug-2007 11:00 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 21 QC Sample: GPCCAL
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: gpc.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: WATER

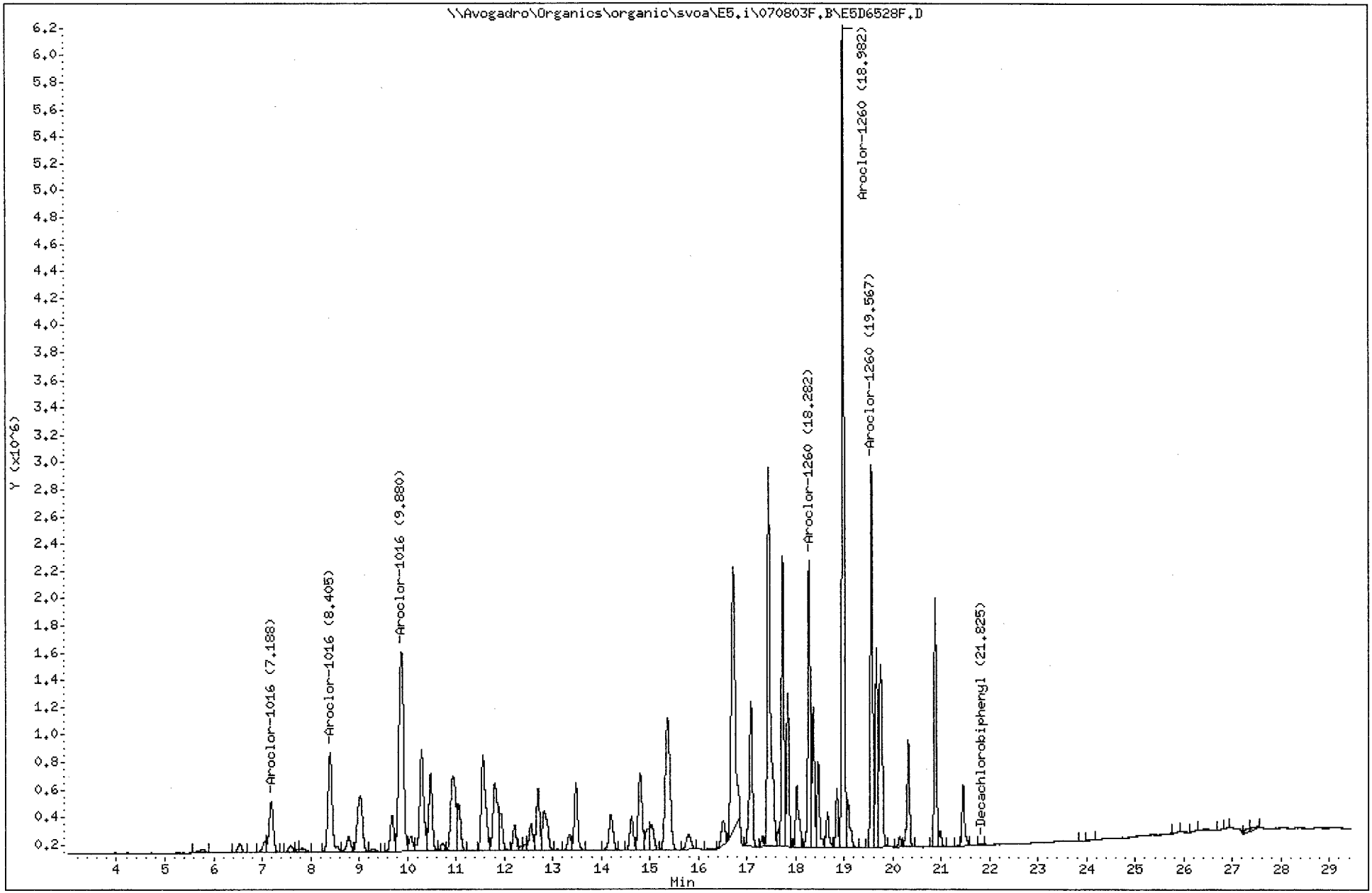
Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
4 gamma-BHC (Lindane)						CAS #: 58-89-9	
8.825	8.794	0.031	11403349	0.04003	0.040		
5 Heptachlor						CAS #: 76-44-8	
10.326	10.297	0.029	12341454	0.04203	0.042		
6 Aldrin						CAS #: 309-00-2	
11.200	11.170	0.030	10959342	0.04097	0.041		
14 Dieldrin						CAS #: 60-57-1	
15.018	14.986	0.032	21861502	0.08377	0.084		
15 Endrin						CAS #: 72-20-8	
16.008	15.963	0.045	20949809	0.10542	0.11		
18 4,4'-DDT						CAS #: 50-29-3	
17.582	17.561	0.021	18739529	0.08189	0.082		

8/24/07

Data File: \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6528F.D
Date : 04-AUG-2007 12:35
Client ID:
Instrument: E5.i
Sample Info: GPC30730-ARO,,,,AR1660.SUB,
Volume Injected (uL): 1.0
Operator: SZ SRC: SZ
Column phase: CLPPEST
Column diameter: 0.53



Data File: E5D6528F.D
Report Date: 04-Aug-2007 13:30

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\E5D6528F.D
Lab Smp Id: GPC30730-ARO
Inj Date : 04-AUG-2007 12:35
Operator : SZ SRC: SZ Inst ID: E5.i
Smp Info : GPC30730-ARO,,,,AR1660.SUB,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E5.i\070803F.B\clp-e5f.m
Meth Date : 04-Aug-2007 11:00 xd Quant Type: ESTD
Cal Date : 19-JUL-2007 23:47 Cal File: E5D6181F.D
Als bottle: 22
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: ar1660.sub
Subtraction File: \\Avogadro\Organics
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: TARGET107

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVa

Name	Value	Description
DF	1.000	Dilution Factor
Uf	2.000	Correction factor
Vt	5000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
23 Aroclor-1016					CAS #: 12674-11-2		
7.188	7.167	0.021	2200545	0.53674	180	80.00- 120.00	100.00
8.404	8.378	0.026	4406627	0.77811	260	125.02- 165.02	200.25
9.879	9.857	0.022	9937504	0.74289	250	278.06- 318.06	451.59
		Average of Peak Concentrations =			230		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
21.824	21.810	0.014	40190	2e-004	0.055		(aR)
29 Aroclor-1260					CAS #: 11096-82-5		
18.282	18.270	0.012	7279847	0.87526	290	80.00- 120.00	100.00
18.982	18.971	0.011	19813384	0.86923	290	240.67- 280.67	272.17
19.567	19.557	0.010	9084447	0.80411	270	109.66- 149.66	124.79
		Average of Peak Concentrations =			280		

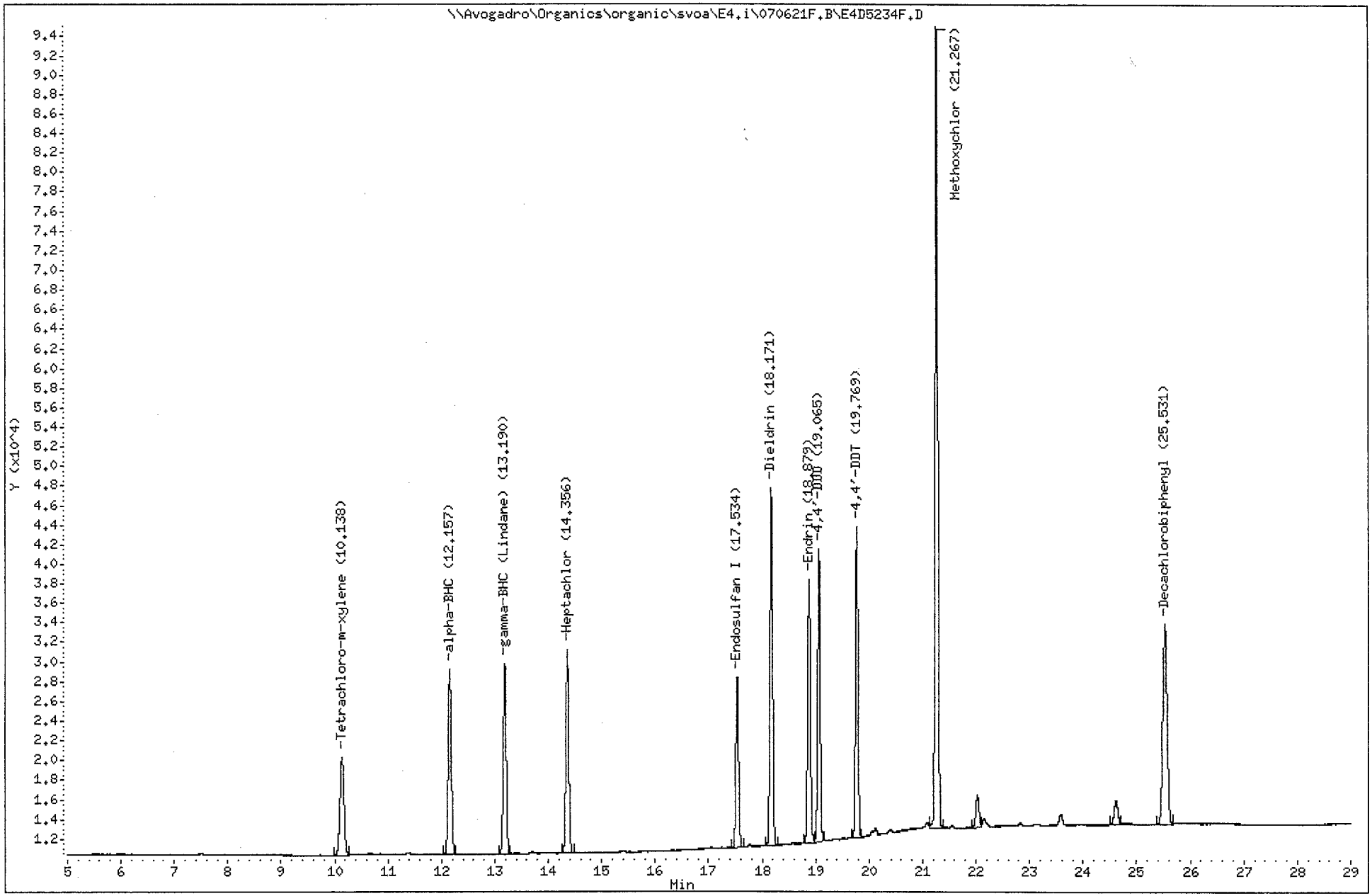
8/04/07

Data File: E5D6528F.D
Report Date: 04-Aug-2007 13:30

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: \\Avogadro\Organics\organic\svoa\E4.i\070621F.B\E4D5234F.D
Date : 22-JUN-2007 15:57
Client ID:
Instrument: E4.i
Sample Info: FLOSP3020,,,,,
Volume Injected (uL): 1.0
Operator: SZ\AW SRC: SZ\AW
Column phase: CLPPestII
Column diameter: 0.53



Data File: E4D5234F.D
Report Date: 25-Jun-2007 09:46

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E4.i\070621F.B\E4D5234F.D
Lab Smp Id: FLOSP3020
Inj Date : 22-JUN-2007 15:57
Operator : SZ\AW SRC: SZ\AW Inst ID: E4.i
Smp Info : FLOSP3020,,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E4.i\070621F.B\E4_somPEST-f.m
Meth Date : 25-Jun-2007 09:46 E4.i Quant Type: ESTD
Cal Date : 22-JUN-2007 15:25 Cal File: E4D5233F.D
Als bottle: 46 QC Sample: FLORISIL
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: florisil.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

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		
10.138	10.133	0.005	53222	0.00950	0.0095		
3 alpha-BHC					CAS #: 319-84-6		
12.157	12.157	0.000	77504	0.00868	0.0087		
4 gamma-BHC (Lindane)					CAS #: 58-89-9		
13.189	13.189	0.000	74891	0.00868	0.0087		
5 Heptachlor					CAS #: 76-44-8		
14.355	14.359	-0.004	78851	0.00894	0.0089		
10 Endosulfan I					CAS #: 959-98-8		
17.533	17.540	-0.007	61423	0.00919	0.0092		
14 Dieldrin					CAS #: 60-57-1		
18.171	18.176	-0.005	126896	0.01788	0.018		
15 Endrin					CAS #: 72-20-8		
18.878	18.883	-0.005	94669	0.01608	0.016		

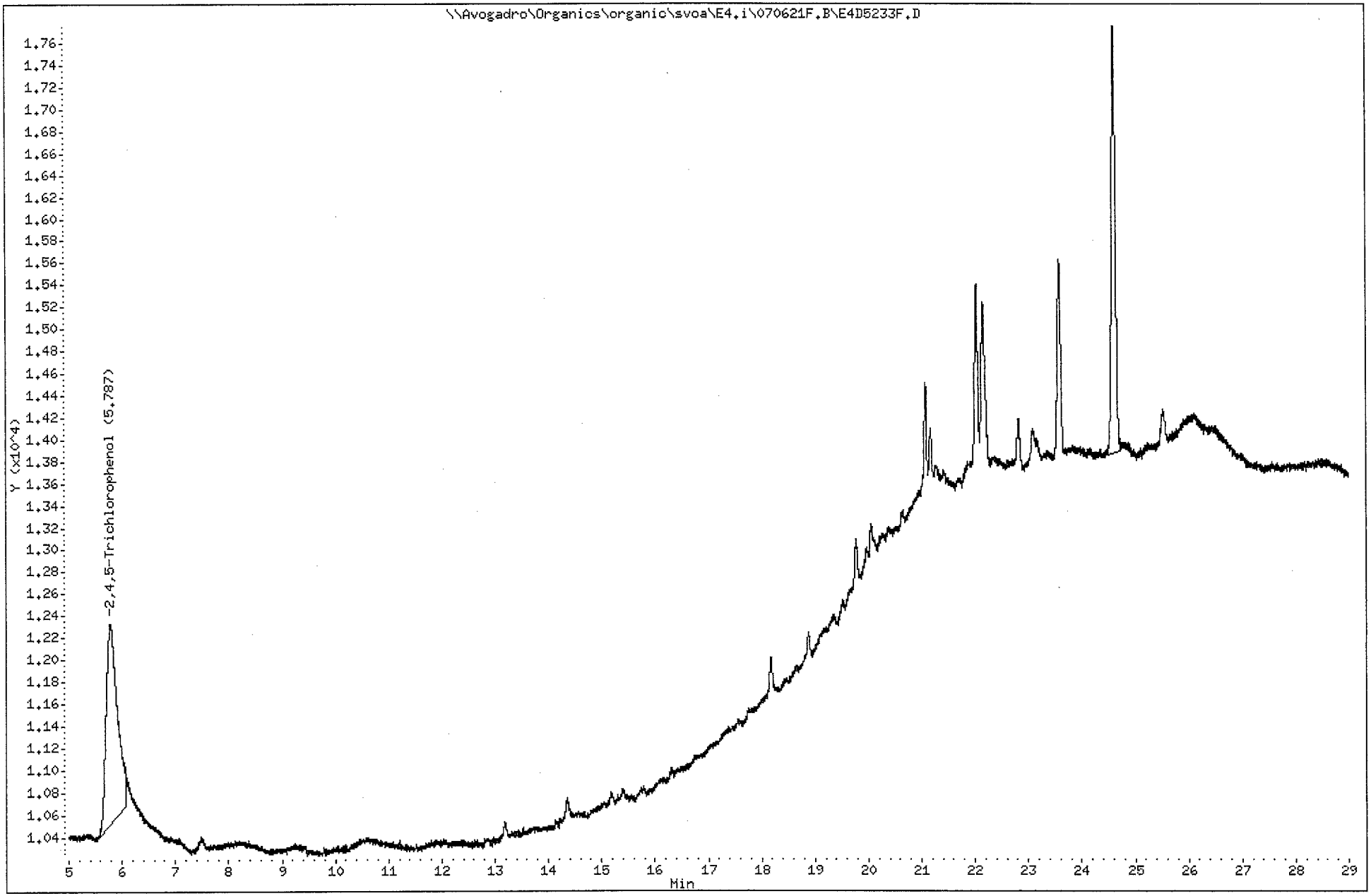
SZ 06/25/07

Data File: E4D5234F.D
Report Date: 25-Jun-2007 09:46

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
16 4,4'-DDD					CAS #: 72-54-8		
19.064	19.070	-0.006	96231	0.01790	0.018		
18 4,4'-DDT					CAS #: 50-29-3		
19.768	19.775	-0.007	102239	0.01647	0.016		
21 Methoxychlor					CAS #: 72-43-5		
21.267	21.274	-0.007	278664	0.09325	0.093		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
25.530	25.537	-0.007	113231	0.02002	0.020		

Data File: \\Avogadro\Organics\organic\svoa\E4.i\070621F.B\E4D5233F.D
Date : 22-JUN-2007 15:25
Client ID:
Sample Info: 2,4,5-tcp,,,,,
Volume Injected (uL): 1.0
Column phase: CLPPestII

Instrument: E4.i
Operator: SZ\AW
Column diameter: 0.53



6515

Data File: E4D5233F.D
Report Date: 25-Jun-2007 09:46

Mitkem Corporation

NYASP Pesticide Quantitation Report

Data file : \\Avogadro\Organics\organic\svoa\E4.i\070621F.B\E4D5233F.D
Lab Smp Id:
Inj Date : 22-JUN-2007 15:25
Operator : SZ\AW Inst ID: E4.i
Smp Info : 2,4,5-tcp,,,,,
Misc Info :
Comment :
Method : \\Avogadro\Organics\organic\svoa\E4.i\070621F.B\E4_somPEST-f.m
Meth Date : 25-Jun-2007 09:46 E4.i Quant Type: ESTD
Cal Date : 22-JUN-2007 15:25 Cal File: E4D5233F.D
Als bottle: 45 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 245TCP.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

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)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
43 2,4,5-Trichlorophenol					CAS #:		
5.787	5.787	0.000	26342	0.10000	0.10		(A)

QC Flag Legend

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

SZ 06/25/07

MITKEM CORPORATION: ORGANIC PREP - CLP Pesticides/PCB

Date 7/23/07	Analysis OLM4.2 PP	Method #	AQ: 3510C(SepF) 3520C(Liq/Liq) Other:_____ Soil: 3540C(Soxhlet) 3550B(Sonic)					Sample Matrix	Aqueous (Soil) Other:					Date/Time Started: 7/23/07					
Blank ID 31308	LCS ID 31308	Analyst: DKD	Spiked by: DKD	Witness: DL	Solvent: MeCl/Acetone Lot # E18E21		Acid Lot # ____	GPC Batch # Lot #	Florisil			Date/Time Ended: 7/23/07							
Lab ID	B #	(WD) Vol Extracted	Surrogate Added	Matrix Spike Added	pH	RV prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		RV after GPC Date/Analyst		Vol. pre Florisil	Florisil Date/Analyst		Final Vol.	Trans. Date		
* MB-31308	–	30.0	~~OPW070607A~~ DKD 7/23/07	———	—	7/25/07	DK	10mL							AC	~~5mL~~ 2.5mL	AC		
LCS-31308	–	30.0	1000uL OPW070607A	1000uL OPW070707A		7/25/07	DK	10mL							AC	~~5mL~~ 2.5mL	AC		
F0981-03A	1	30.1		———		8/1	AC									5mL			
-04A		30.1																	
-05A		30.4																	
-07A		30.2																	
F0981-08A		30.1				8/1	AC									5mL			
F0995-12A		30.2	1000uL OPW070607A			7/25	AC	10mL							AC	~~5mL~~ 2.5mL	AC		
* F0995-15B	1	30.5	~~OPW070607A~~ DKP 7/23/07	———	—	7/25	AC	10mL							AC	~~5mL~~ 2.5mL	AC		

DKP 7/23/07

Comments: * surrogates added: OPW070607A - 1000uL

Sonicator Tuned? (Yes)/No
Soxhlet Cycle/Hour: N/A
L/L Drip Rate: N/A

Sodium Sulfate Lot #: E155941

Hexane Lot #: _____

Logbook ID 50.0188-04/07

Reviewed By: XL 8/08/07

MITKEM CORPORATION: ORGANIC PREP - CLP Pesticides/PCB

Date: 8/1/07 | Analysis: OLM Pest | Method #: AQ: 3510C(SepF) 3520C(Liq/Liq) Other:_____ Soil: 3540C(Soxhlet) (3550B(Sonic)) | Sample Matrix: Aqueous (Soil) Other: | Date/Time Started: 8/1/07

Blank ID: 31475 | LCS ID: 31475 | Analyst: DL | Spiked by: DL | Witness: Tony | Solvent: MeCl/Acet Lot # E23E16 | Acid Lot # | GPC Batch # | Florisil Lot # | Date/Time Ended: 8/1/07

Lab ID	B #	Wt/Vol Extracted	Surrogate Added	Matrix Spike Added	pH	RV prior to GPC Date/Analyst		Vol. pre GPC	GPC Date/Analyst		RV after GPC Date/Analyst		Vol. pre Florisil	Florisil Date/Analyst		Final Vol.	Trans. Date
MB-31475	—	30.0	1000 ul OSW070607A+	—	—	8/1	AC	10ML								5ML	8/3
LCS-31475	—	30.0		1000 ul OPW070717A	—												
F0981-09A	1	30.2		—	—												
-10A	1	30.2		—	—												
-11A	1	30.1		—	—												
-11AMS	1	30.3		1000 ul OPW070717A	—												
F0981-11AMSD	1	30.1		1000 ul OPW070717A	—												
F1025-01A	1	30.0	1000 ul OSW070607A+	—	—	8/1	AC	10ML								5ML	8/3

DL 8/1/07

Comments: _____

Sonicator Tuned? (Yes)/No

Soxhlet Cycle/Hour: NA

L/L Drip Rate: NA

Sodium Sulfate Lot #: E15594

Hexane Lot #: _____

Logbook ID 50.0188-04/07

Reviewed By: [illegible] 8/09/07

Percent Moisture and Percent Solids Report

Mitkem Sample ID	*Client Sample ID*	*Analyzed*	*Percent Moisture*	*Percent Solids*	*Validated*
F0981-03A	*OTMI-SB06*	07/31/2007	13	87	Yes
F0981-04A	*OTMI-SB12*	07/31/2007	12	88	Yes
F0981-05A	*OTMI-SB12/D*	07/31/2007	12	88	Yes
F0981-07A	*OTMI-MW-BR07*	07/31/2007	18	82	Yes
F0981-08A	*OTMI-MW-BR09*	07/31/2007	10	90	Yes
F0981-09A	*OTMI-MW-BR09*	07/31/2007	15	85	Yes
F0981-10A	*OTMI-MW-BR10*	07/31/2007	16	84	Yes
F0981-11A	*OTMI-MW-BR12*	07/31/2007	14	86	Yes

MITKEM CORPORATION **pH Determination Logbook**

pH Meter: pH Meter_070731A

Date	Sample ID		pH Reading	Buffer IDs	Comments	Analyst
7/31/07						
~~7/30/07~~ DKD 7/31/07	pH 4.0	—	4.00	IWP060613A		DKD
	pH 10.0	—	10.00	IWP061020C		
	pH 7.0	—	7.00	IWP061129D		
	F0981	09A	7.94	———		
	↓	09ADUP	7.89	↓		
	↓	10A	7.62			
	F0981	11A	7.91			
	F1017	02A	7.36			
	↓	03A	7.94			
		04A	8.05			
		05A	6.46			
	↓	07A	8.03	↓		
	F1017	08A	6.33	———		
	pH 7.0	—	7.04	IWP061129D		
	F1017	09A	8.01	———		
	↓	10A	8.02	↓		
		11A	6.55			
		12A	6.70			
		14A	7.71			
	↓	15A	8.22			
	F1017	17A	8.66	↓		
DKD 7/31/07	F1025	01A	8.00	———		
~~7/30/07~~	pH 7.0	—	7.04	IWP061129D		DKD
7/31/07				DKD 7/31/07		

pH LCS (Buffer 7.00) Acceptance Criteria:
±0.05 S.U.
Frequency: at least every 20 samples

Calibration Check Criteria:
pH Buffer: 4.00±0.05 S.U.
10.00+0.05 S.U.
7.00+0.05 S.U.

Logbook ID: 30.0210 - 04/07 **Level 1 Review by** DKD 7/31/07

Data Entry to LIMS DKD 7/31/07 **Level 2 QA Review** ACN 7/31/07

1169

MITKEM CORPORATION **pH Determination Logbook**

pH Meter: 07007184

Date	Sample ID		pH Reading	Buffer IDs	Comments	Analyst
7.18.07	pH 4.00	—	4.001	1WP04H03A		CW
	pH 10.00	—	10.005	1WP10C20C		
	pH 7.00	—	7.002	1WP07011291		
	F09316	01	7.49			
		02	7.53			
		05	5.51			
		06	7.51			
		10	7.82			
		13	7.97			
		13DP	8.03			
		14	8.004			
		16	7.008			
	↓	18	5.74			
	F09316	20	7.31			
	F09103	11	7.58			
	F09103	21	7.209			
	F09103	22	7.87			
	F09181	03	6.47			
	↓	04	7.57			
	↓	04DP	7.57			
↓	F09181	05	7.44			↓
7.18.07	pH 7.00	—	7.003	1WP07011291		CW
			7.18.07	CW		

pH LCS (Buffer 7.00) Acceptance Criteria:
±0.05 S.U.
Frequency: at least every 20 samples

Calibration Check Criteria:
pH Buffer: 4.00±0.05 S.U.
10.00+0.05 S.U.
7.00+0.05 S.U.

Logbook ID: 30.0210 - 04/07 **Level 1 Review by** CW 7.18.07

Data Entry to LIMS CW 7.18.07 **Level 2 QA Review** ARN 7/20/07

MITKEM CORPORATION **pH Determination Logbook**

pH Meter: ϕ7ϕ723A

Date	Sample ID		pH Reading	Buffer IDs	Comments	Analyst
7·23·07	PH 4.0		3.97	IWP060613A		KP
	PH 10.0		10.02	IWP061020C		
	PH 7.0		6.98	IWP061129D		
	F0995	12A	7.56	~~7.5 KP 7·23·07~~		
		13A	4.54			
		14A	4.83			
	↓	14A DUP	4.82			
	F0995	15B	~~7.77 KP 7·23·07~~ ← 7.34			
	F0981	07A	7.77			
	F0981	08A	6.15			
	F1001	01A	4.09			↓
7·23·07	PH 7.0		7.00	IWP061129D		KP

KP 7·23·07

pH LCS (Buffer 7.00) Acceptance Criteria:
±0.05 S.U.
Frequency: at least every 20 samples

Calibration Check Criteria:
pH Buffer: 4.00±0.05 S.U.
10.00+0.05 S.U.
7.00+0.05 S.U.

Logbook ID: 30.0210 - 04/07 **Level 1 Review by** KP

Data Entry to LIMS 7·23·07 **Level 2 QA Review** AKN 7/25/07

1170

Sequence Log Report

Print Date: 7/24/2007
Print Time 8:56:02AM

Sequence: **GPC3070723CAL**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	GPC3070723-SB	sample	SVOA	5000	DCMTrad	Sample processed normally	
2	GPC3070723-PB	sample	PEST	5000	DCMTrad	Sample processed normally	
3	GPC3070723-PMS	sample	PEST	5000	DCMTrad	Sample processed normally	
4	GPC3070723-ARO	sample	PEST	5000	DCMTrad	Sample processed normally	

Operator Name:

Notes:

Start: 12:52:44, 07/23/07

End: 17:23:05, 07/23/07

Outcome: Sequence executed normally

AccuChrome (tm) by J2

Sequence Log Report

Print Date: 7/26/2007
Print Time 1:49:09PM

MITKEM CORPORATION: INSTRUMENT GPC 3 LOGBOOK

Sequence: **GPC3070725**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	F0996-02A	sample	PEST	5000	DCMTrad	Sample processed normally	
2	F0974-10D	sample	PEST	5000	DCMTrad	Sample processed normally	
3	F0974-11D	sample	PEST	5000	DCMTrad	Sample processed normally	
4	F0974-11DMS	sample	PEST	5000	DCMTrad	Sample processed normally	
5	F0974-11DMSD	sample	PEST	5000	DCMTrad	Sample processed normally	
6	F0974-12D	sample	PEST	5000	DCMTrad	Sample processed normally	
7	F0974-13D	sample	PEST	5000	DCMTrad	Sample processed normally	
8	F0974-15D	sample	PEST	5000	DCMTrad	Sample processed normally	
9	F0974-16D	sample	PEST	5000	DCMTrad	Sample processed normally	
10	F0974-16DMS	sample	PEST	5000	DCMTrad	Sample processed normally	
11	F0974-16DMSD	sample	PEST	5000	DCMTrad	Sample processed normally	
12	F0974-17D	sample	PEST	5000	DCMTrad	Sample processed normally	
13	F0974-18D	sample	PEST	5000	DCMTrad	Sample processed normally	
14	LCS-31305	sample	PEST	5000	DCMTrad	Sample processed normally	
15	MB-31305	sample	PEST	5000	DCMTrad	Sample processed normally	
16	F0995-15A	sample	PEST	5000	DCMTrad	Sample processed normally	
17	F0995-12A	sample	PEST	5000	DCMTrad	Sample processed normally	
18	LCS-31308	sample	PEST	5000	DCMTrad	Sample processed normally	
19	MB-31308	sample	PEST	5000	DCMTrad	Sample processed normally	
20	F0952-02A	sample	PEST	5000	DCMTrad	Sample processed normally	

Operator Name:

Notes:

Start: 09:29:23, 07/25/07

End: 13:32:22, 07/26/07

Outcome: Sequence executed normally

AgenChrome (tm) by J2

21	LCS-31226	sample	PEST	5000	DCMTrad	Sample processed normally
22	MB-31226	sample	PEST	5000	DCMTrad	Sample processed normally
23	TA	sample	SVOA	5000	DCMTrad	Sample processed normally
24	F1001-01A	sample	SVOA	5000	DCMTrad	Sample processed normally
25	MB-31344	sample	SVOA	5000	DCMTrad	Sample processed normally

Operator Name:

Notes:

Start: 09:29:23, 07/25/07

End: 13:32:22, 07/26/07

Outcome: Sequence executed normally

Sequence Log Report

Print Date: 7/31/2007
Print Time 8:47:10AM

Sequence: **GPC3070730CAL**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	GPC3070730-SB	sample	SVOA	5000	DCMTrad	Sample processed normally	
2	GPC3070730-PB	sample	PEST	5000	DCMTrad	Sample processed normally	
3	GPC3070730-PMS	sample	PEST	5000	DCMTrad	Sample processed normally	
4	GPC3070730-ARO	sample	PEST	5000	DCMTrad	Sample processed normally	

MITKEM CORPORATION: INSTRUMENT GPC 3 LOGBOOK

Operator Name:
Notes:

Start: 16:11:45, 07/30/07
End: 20:44:03, 07/30/07

Outcome: Sequence executed normally

Sequence Log Report

Print Date: 8/3/2007
Print Time 8:54:52AM

Sequence: **GPC3070801**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	F0981-03A	sample	PEST	5000	DCMTrad	Sample processed normally	
2	F0981-04A	sample	PEST	5000	DCMTrad	Sample processed normally	
3	F0981-05A	sample	PEST	5000	DCMTrad	Error during sample processing	

DK
08/03/07

Operator Name:
Notes:

Start: 22:16:22, 08/01/07
End: 00:36:28, 08/02/07

Outcome: Sequence aborted

AccuChrome (tm) by J2

Sequence Log Report

Print Date: 8/3/2007
Print Time 9:00:52AM

Sequence: **GPC3070802A**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
4	F0981-07A	sample	PEST	5000	DCMTrad	Sample processed normally	
5	F0981-08A	sample	PEST	5000	DCMTrad	Sample processed normally	
6	F0981-09A	sample	PEST	5000	DCMTrad	Sample processed normally	
7	F0981-10A	sample	PEST	5000	DCMTrad	Sample processed normally	
8	F0981-11A	sample	PEST	5000	DCMTrad	Sample processed normally	
9	F0981-11AMS	sample	PEST	5000	DCMTrad	Sample processed normally	
10	F0981-11AMSD	sample	PEST	5000	DCMTrad	Sample processed normally	
11	F1025-01A	sample	PEST	5000	DCMTrad	Sample processed normally	
12	LCS-31475	sample	PEST	5000	DCMTrad	Sample processed normally	
13	MB-31475	sample	PEST	5000	DCMTrad	Sample processed normally	

Operator Name:

Notes:

Start: 10:25:28, 08/02/07

End: 21:44:07, 08/02/07

Outcome: Sequence executed normally

AccuChrome (tm) by J2

Sequence Log Report

Print Date: 8/3/2007
Print Time 11:28:12AM

Sequence: **GPC3070803**

Pos #	Sample ID	Description	Method	Inject uL	Column	Status	Comments
1	F0981-05A	sample	PEST	5000	DCMTrad	Sample processed normally	

Operator Name:

Notes:

Start: 09:02:11, 08/03/07

End: 10:11:16, 08/03/07

Outcome: Sequence executed normally

AcquChrome (tm) by J2

MITKEM CORPORATION: INSTRUMENT COPY

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Sequence: E5D070719 | Method: CLP02X1 | ICAL Date: 7/19/07 | CLP

Date	Sample ID		Client ID	File Name	Dilution	F	R	Comments	Analyst
7/19/07	PRIMR			E5D61	59				XD
	PRIME				66				
	RESC	TS	RESC TS	E5D61	67			PW070719C	
	PEM	TS	PEM TS		68	✓	✓	PW070718H	
	AR1660	TS	AR1660TS		69	ok	ok	PW070628D	
	1221		1221		70			PW070628E	
	1232		1232		71			PW070628B	
	1242		1242		72			PW070628C	
	1248		1248		73			~~PW070628~~ PW070719A	XD 7/21/07
	AR1254	TS	AR1254 TS		74			PW070628A	
	TOXAPH	TS	TOXAPH TS		75			PW070420F	
	INDAL		INDAL TS		76			PW070409E	
	INDBL		INDBL		77			PW070409J	
	INDAM		INDAM		78			PW070409C	
	INDBM		INDBM		79			PW070409H	
	INDAH		INDAH		80			PW070409A	
	INDBH	TS	INDBH TS		81	ok	ok	PW070409F	
7/20/07	PIBLK	TA	PIBLK TA		82				
	PEM	TA	PEM TA	E5D61	83	✓	✓		XD
	MB-31188		PBLKSA		84	✓	✓		
	LCS-31188		PSALCS		85	✓	✓		
	7.963-1A		MIDUMPCOMP		86	✓	✓		
	1AMS		MS		87	✓	✓		
	7.963-1AMSD		MSD		88	✓	✓		
	PIBLK	TB			89				
	PIBLK	TB	PIBLKTB		90	✓	✓		
	INDAM	TB	INDAM 1		91	✓	✓		
7/20/07	INDBM	TB	INDBM TB	E5D61	92	✓	✓	MT TUNER	XD

Standard ID's

Comments

Reviewed SZ 08/02/07

Logbook ID: 60.0225-06/07

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Sequence: E5070725A | Method: CLP02X1 | ICAL Date: 07/19/07 | Cup

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
07/26/07	PIBLK		-	E5D63	32					SZ
	PIBLK	TH	PIBLKTH		33					
	PEM	TH	PEMTH		34		✓	✓		
	MB-31308		PBLK56		35		-		wrong V/time	
	LCS-31308		P56LCS		36		-			
7/26/07	FOQQ5-12A		TB-11		37		✓		ran at 2x	
7/27/07	FOQQ5-15B		MDRUM20-6		38		✓			
	PIBLK				39					
	PIBLK TI		PIBLKTI		40		✓		01:23	
	INDAM TI		INDAMTI		41		✓	✓		
7/27/07	INDBM TI		INDBMTI	E5D63	42		✓	✓		SZ
	MB-31308				43		✓			
	LCS-31308				44		✓			
	PIBLK	UJ	PIBLKUJ		45		✓			
	PEM	UJ	PEMUJ		46		✓	✓	no info	
	GPC	PP			47					
		PMS			48	7/28/07	-		zoom & retreat	SZ
7/27/07	GPC - ARO			E5D63	49					
				SZ						

Standard ID's

PCB1016 PCB1016/1260

PCB1660/1260

PCB1016/1260

Comments

Reviewed K 8/07/07

Logbook ID: 60.0225-06/07

1179

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Sequence: E5070803 | Method: CLP02X1 | ICAL Date: 07/19/07 CLP

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
8/03/07	PIBLK			E5D64	98					SZ
	PIBLK	UP	PIBLKUP	↓	99		✓		13:13	
	PEM	UP	PEM UP	E5D65	00		✓	✓		
	INDB			|	01		—		do not need (check)	
	MB-31475		PIBLK	|	02		✓	✓		↓
	LCS-31475		PBLCS	|	03		✓	✓		SZ
	F0981-04	SA	MW-BR09	F5D65	04		✓	✓		X.
	|	SMS	MW-BR10		05		✓	✓		|
	|	LA	MW-BR11		06		✓	✓		|
	|	MS	| MS		07		✓	✓		|
	F0981-04	MSD	MW-BR MSD		08		✓	✓		|
	F1025-01	LA	MW-BR11		09		✓	✓		|
	A1BLK	UQ			10					|
	PIBLK	UQ	PIBLKUQ		11		✓		19:50	|
	INDAM	1	INDAM 1		12		✓	✓		|
	INDBM	UQ	INDBMUQ		13		✓	✓		|
	AR1660	UQ	AR1660UQ		14		✓			|
	F0981-	03A	SB06		15		✓			|
	F0981-	04A	SB12		16		✓		DUP	|
	PIBLK	UK			17					|
	F0981-	08A	SB12/0		18		✓			|
8/04/07	PIBLK	UR			19					|
	F0981-07	A	MW-BR07		20		—		DPT need 5X UL	|
	PIBLK	UR			21					|
	F0981-	08A	MW-BR09		22		✓			|
	PIBLK	UR			23					|
	PIBLK	UR	PIBLKUR		24		✓		3:00	
8/04/07	PBLK	UR	PBLKUR	F5D65	25		✓	✓		X.

Standard ID's

AM PW070409A
BM PW070409H
PEM PW070803G

Comments

Reviewed X. 8/07/07

Logbook ID: 60.0225-06/07

1160

MITKEM CORPORATION - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Sequence: E507803 | Method: CUPCLK1 | ICAL Date: 07/19/07 | Cup

Date	Sample ID		Client ID	File Name		Dilution	F	R	Comments	Analyst
8/04/07	GPC30730-PB			E5D65	26		✓			✓
	GPC30730-PMS				27		V	-	Front OK	
	GPC30730-AP0				28		✓			
	PIBLK	OS	PIBLKOS		29		✓		13:08	
	INDAM 1		INDAM 1		30		✓	✓		
8/4/07	INDAM	OS	INDAM OS	E5D66	31		✓	✓		✓
	F0981-07ADL		MW-BROD		32	5X		✓	60	SZ
	PIBLK				33					
	PIBLK	UT	PIBLKUT		34			✓	17:21	
8/08/07	PEM	UT	PEMUT	E5D65	35		✓	✓		SZ

✓ 8/07/07

Standard ID's

AM PW070405C

BKG PW070405M

PMG PW070803G

Comments

Reviewed ✓ 8/07/07

Logbook ID: 60.0225-06/07

1101

MITKEM CORPORATION

Sample Receiving Logbook

Workorder No. FQ981

Client Name: CDE

Date Recv'd 7.18.07 **Sample #s** 01-010 **Storage Locations:** VOA, BI, MI2 (CW)

Date Recv'd 7.19.07 **Sample #s** 07 **Storage Locations:** VOA, BI, MI2 (CW)

Date Recv'd 7.20.07 **Sample #s** 08 **Storage Locations:** VOA, BI, MI2 (CW)

Date Recv'd 7.24.07 **Sample #s** 09 **Storage Locations:** VOA, BI (CW)

Date Recv'd _____ **Sample #s** _____ **Storage Locations:** _____

OUT		IN	
Relinquished By	**Received By**	**Relinquished By**	**Received By**
Date: 7/18/07 Init: (CW)	Date: 7/18/07 Init: DKD	Date: 7/18/07 Init: DKD	Date: 7/18/07 Init: (CW)
Samp. #s 03-05A1 OCM SVOA		03-05A1	
Date: 7.18.07 Init: MP	Date: 7.18.07 Init: (CW)	Date: 7.18.07 Init: (CW)	Date: 7.18.07 Init: MP
Samp. #s 03-05A PH		03-05	
Date: 7/19/07 Init: CM	Date: 7/19/07 Init: JD	Date: 7/19/07 Init: CM	Date: 7/19/07 Init: JD
Samp. #s 3-5B CY		3-5B	
Date: 7.23.07 Init: CM	Date: 7.23.07 Init: KP	Date: 7.23.07 Init: KP	Date: 7.23.07 Init: CM
Samp. #s 07A, 08A PH		07A, 08A	
Date: 7/23/07 Init: (CW)	Date: 7/23/07 Init: DKD	Date: 7/23/07 Init: DKD	Date: 7/23/07 Init: (CW)
Samp. #s 03-05, 07, 08A1 OCM PP	07-08A1 OCM SVOA	03-05, 07-08, ~~A1~~ A1 ~~2A1~~ DKD 7/23/07	
Date: 7/26/07 Init: CM	Date: 7/26/07 Init: BV	Date: 7/26/07 Init: BV	Date: 7/26/07 Init: CM
Samp. #s 01B, 06B, 03-5, 7-11A ~~metals~~ HG		01B, 06B, 03-5, 7-11A	
Date: 7.26.07 Init: CM	Date: 7.26.07 Init: KP	Date: 7.26.07 Init: KP	Date: 7.26.07 Init: CM
Samp. #s 09A → 11A PH		07/26/07 BM 09A → 11A	
Date: 7/30/07 Init: JD	Date: 7/30 Init: DD	Date: 7/30 Init: JD	Date: 7/30 Init: DD
Samp. #s 7-11 CY		7-11	

Comments: _____

Please record analyst's initials, date, and sample #s removed. Add any comments if necessary (broken bottles, empty jars, etc.)
Include the abbreviated name of the test to be performed., ie: SVOA, PCB...near the "samp. #s".
Include bottle or jar number when more than one.

Reviewed: 07/26/07 BM

1162

F0981

Out				In			
Rel by		~~Rec~~ Rel by		Rel. by		Rec. by	
Ini DKD	Date 7/30/07	Ini KP	Date 7/30/07	Ini KP	Date 7/30/07	Ini 7/30/07	Date DKD
09-11A1		pH		09-11A1			
7.31.07 DKD		7.31.07 KP		7.31.07 KP		7.31.07 DKD	
03A → 05A		Pmoist 07A → 11A		03A → 05A		07A → 11A	
8.1.07 DKD		8.1.07 DL		8.1.07 DL		8.1.07 DKD	
09A - 11A				09A - 11A			

8/09/07

MITKEM CORPORATION EXTRACTS TRANSFER LOGBOOK: PESTICIDES/PCB ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred by	Received by	Storage Location	Comments
08/02/07	F1026	20C	DK			HERB
08/02/07	MB-31477		DK			
	LCS 31477					
	F1043	01C				
		03C				
		04A				
		05C				
		07C				
		08C				
	F1043	09C				
	F1052	01A				
		02A				
		03A				
		04A MS				
		04A MSD				
		05A				
		06A				
		07A				
		08A				
		09A				
08/02/07	F1052	10A	DK			HERB
8/3/07	MB 31308	—	AC	XD	~~X~~ RH 8.8.07	OCM PD 8-5-07
	LCS 31308	—				
	F0981	03A				
		04A				
		05A				
		07A				
	F0981	08A		XD	~~X~~ RH	
	~~MB 31477 MB 31308~~	AC				
	~~LCS 31477~~	AC				
8/3/07	LCS 31477 F0981	09A	AC	XD	R11	OCM PD 8-8-07

XD 8/9/07 Partial

Logbook ID: 60.0132 - 06/07

Reviewed by_____

1184

MITKEM CORPORATION EXTRACTS TRANSFER LOGBOOK: PESTICIDES/PCB ANALYSIS

Date Transferred from Prep Lab	Lab ID		Transferred by	Received by	Storage Location	Comments
8/3/07	F0981	10A	AC	V.	K11	OLM DP E5-07-07
↓	↓	11A	↓	|	|	↓ |
↓	↓	11AMS	↓	|	|	↓ |
8/3/07	F0981	11AMSD	AC	|	|	OLM DP |
8/3/07	F1025	01A	AC	V.	R11	OLM DP E5-07-3
	MB 31476	—	↓			PEST
	LCS 31476	—	↓			↓
	F1026	19C	↓			↓
	F1026	20C	↓			↓
	F1043	01C	↓			↓
	↓	02A	↓			↓
	↓	03C	↓			↓
	↓	04A	↓			↓
	↓	05C	↓			↓
	↓	07C	↓			↓
	F1043	09C	↓			↓
	F1052	01A	↓			↓
	↓	02A	↓			↓
	↓	03A	↓			↓
	↓	04A	↓			↓
	↓	04AMS	↓			↓
	↓	04AMSD	↓			↓
	↓	05A	↓			↓
	↓	06A	↓			↓
	↓	07A	↓			↓
	↓	08A	↓			↓
↓	↓	09A	↓			↓
8/3/07	F1052	10A	AC			PEST
8/6/07	MB 31477	—	↓			PCB
↓	LCS 31477	—	↓			↓
8/6/07	LCSD 31477	—	AC			PCB

Logbook ID: 60.0132 - 06/07

Reviewed by_____ X 8/9/07 partial

MITKEM CORPORATION

* Metals *

USEPA - CLP
COVER PAGE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

SOW No.: ILM05.4

EPA Sample No.	Lab Sample ID
MW-BR07	F0981-07
MW-BR09A	F0981-08
MW-BR09B	F0981-09
MW-BR10	F0981-10
MW-BR12	F0981-11
MW-BR12D	F0981-11DUP
MW-BR12S	F0981-11MS
SB02W	F0981-01
SB06	F0981-03
SB12	F0981-04
SB12/D	F0981-05
SB12W	F0981-06

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corre	(Yes/No)	YES	N/A
Were ICP-AES and ICP-MS background corre	(Yes/No)	YES	N/A
If yes-were raw data generated before application of background corrections?	(Yes/No)	NO	N/A

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: Karolina Badura Name: KAROLINA BADURA

Date: 8/15/07 Title:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR07

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): SOIL Lab Sample ID: F0981-07

Level (low/med): MED Date Received: 07/19/2007

% Solids: 82.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10200			P
7440-36-0	Antimony	0.83	J	N	P
7440-38-2	Arsenic	11.7		*	P
7440-39-3	Barium	315			P
7440-41-7	Beryllium	0.74			P
7440-43-9	Cadmium	1.6			P
7440-70-2	Calcium	12900		*	P
7440-47-3	Chromium	19.2			P
7440-48-4	Cobalt	10.1		E	P
7440-50-8	Copper	131		E	P
7439-89-6	Iron	24600		E	P
7439-92-1	Lead	634		ND	P
7439-95-4	Magnesium	4510		*	P
7439-96-5	Manganese	462		E	P
7439-97-6	Mercury	0.54			CV
7440-02-0	Nickel	35.4		E	P
7440-09-7	Potassium	1420		E	P
7782-49-2	Selenium	4.6			P
7440-22-4	Silver	1.2	U	N	P
7440-23-5	Sodium	253	J		P
7440-28-0	Thallium	5.3			P
7440-62-2	Vanadium	29.5			P
7440-66-6	Zinc	1110		E	P
57-12-5	Cyanide	0.64	J		AS

Color Before BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09A

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): SOIL Lab Sample ID: F0981-08

Level (low/med): MED Date Received: 07/20/2007

% Solids: 90.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17600			P
7440-36-0	Antimony	6.5	U	N	P
7440-38-2	Arsenic	8.6		*	P
7440-39-3	Barium	99.1			P
7440-41-7	Beryllium	1.0			P
7440-43-9	Cadmium	0.53	J		P
7440-70-2	Calcium	1250		*	P
7440-47-3	Chromium	32.0			P
7440-48-4	Cobalt	17.8		E	P
7440-50-8	Copper	36.4		E	P
7439-89-6	Iron	30800		E	P
7439-92-1	Lead	15.2		N	P
7439-95-4	Magnesium	9380		*	P
7439-96-5	Manganese	205		E	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	44.4		E	P
7440-09-7	Potassium	2020		E	P
7782-49-2	Selenium	4.6			P
7440-22-4	Silver	1.1	U	N	P
7440-23-5	Sodium	33.0	J		P
7440-28-0	Thallium	5.3			P
7440-62-2	Vanadium	21.5			P
7440-66-6	Zinc	176		E	P
57-12-5	Cyanide	2.5	U		AS

Color Before BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR09B

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): SOIL Lab Sample ID: F0981-09

Level (low/med): MED Date Received: 07/24/2007

% Solids: 85.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10700			P
7440-36-0	Antimony	5.9	U	N	P
7440-38-2	Arsenic	6.2		*	P
7440-39-3	Barium	94.7			P
7440-41-7	Beryllium	0.56			P
7440-43-9	Cadmium	0.42	J		P
7440-70-2	Calcium	2110		*	P
7440-47-3	Chromium	19.4			P
7440-48-4	Cobalt	10.4		E	P
7440-50-8	Copper	33.1		E	P
7439-89-6	Iron	22800		E	P
7439-92-1	Lead	12.0		N	P
7439-95-4	Magnesium	7520		*	P
7439-96-5	Manganese	427		E	P
7439-97-6	Mercury	0.094	U		CV
7440-02-0	Nickel	27.7		E	P
7440-09-7	Potassium	1180		E	P
7782-49-2	Selenium	3.4	J		P
7440-22-4	Silver	0.99	U	N	P
7440-23-5	Sodium	47.2	J		P
7440-28-0	Thallium	4.3			P
7440-62-2	Vanadium	21.0			P
7440-66-6	Zinc	88.5		E	P
57-12-5	Cyanide	2.7	U		AS

Color Before BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR10

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): SOIL Lab Sample ID: F0981-10

Level (low/med): MED Date Received: 07/25/2007

% Solids: 84.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	18200			P
7440-36-0	Antimony	5.1	U	N	P
7440-38-2	Arsenic	1.1		*	P
7440-39-3	Barium	149			P
7440-41-7	Beryllium	0.98			P
7440-43-9	Cadmium	0.38	J		P
7440-70-2	Calcium	2320		*	P
7440-47-3	Chromium	36.7			P
7440-48-4	Cobalt	16.8		E	P
7440-50-8	Copper	34.8		E	P
7439-89-6	Iron	38500		ED	P
7439-92-1	Lead	14.9		N	P
7439-95-4	Magnesium	9350		*	P
7439-96-5	Manganese	257		E	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	42.7		E	P
7440-09-7	Potassium	2110		E	P
7782-49-2	Selenium	4.7			P
7440-22-4	Silver	0.85	U	N	P
7440-23-5	Sodium	68.9	J		P
7440-28-0	Thallium	5.7			P
7440-62-2	Vanadium	26.4			P
7440-66-6	Zinc	80.2		E	P
57-12-5	Cyanide	2.7	U		AS

Color Before GREY Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MW-BR12

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): SOIL Lab Sample ID: F0981-11

Level (low/med): MED Date Received: 07/25/2007

% Solids: 86.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	15600			P
7440-36-0	Antimony	6.3	U	N	P
7440-38-2	Arsenic	2.4		*	P
7440-39-3	Barium	159			P
7440-41-7	Beryllium	0.82			P
7440-43-9	Cadmium	0.25	J		P
7440-70-2	Calcium	2190		*	P
7440-47-3	Chromium	24.4			P
7440-48-4	Cobalt	13.2		E	P
7440-50-8	Copper	27.3		E	P
7439-89-6	Iron	28500		E	P
7439-92-1	Lead	14.5		N	P
7439-95-4	Magnesium	6190		*	P
7439-96-5	Manganese	457		E	P
7439-97-6	Mercury	0.12	U		CV
7440-02-0	Nickel	28.6		E	P
7440-09-7	Potassium	1290		E	P
7782-49-2	Selenium	4.4			P
7440-22-4	Silver	1.1	U	N	P
7440-23-5	Sodium	56.5	J		P
7440-28-0	Thallium	5.5			P
7440-62-2	Vanadium	22.9			P
7440-66-6	Zinc	80.5		E	P
57-12-5	Cyanide	2.7	U		AS

Color Before BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA - CLP

1A-IN

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

SB02W

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): WATER Lab Sample ID: F0981-01

Level (low/med): MED Date Received: 07/18/2007

% 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	675000		D	P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	831			P
7440-39-3	Barium	19400		E	P
7440-41-7	Beryllium	54.4		E	P
7440-43-9	Cadmium	197		E	P
7440-70-2	Calcium	1290000		D	P
7440-47-3	Chromium	1740		E	P
7440-48-4	Cobalt	642		E	P
7440-50-8	Copper	12400		E	P
7439-89-6	Iron	2210000		D	P
7439-92-1	Lead	149000		ED	P
7439-95-4	Magnesium	175000		E	P
7439-96-5	Manganese	23500			P
7439-97-6	Mercury	66.7		D	CV
7440-02-0	Nickel	1480		E	P
7440-09-7	Potassium	71100			P
7782-49-2	Selenium	35.0	U		P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	33300		E	P
7440-28-0	Thallium	193		E	P
7440-62-2	Vanadium	1700		E	P
7440-66-6	Zinc	84700		ED	P

Color Before GREY Clarity Before: CLOUDY Texture:

Color After: GREY Clarity After: CLOUDY Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB06

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): SOIL Lab Sample ID: F0981-03

Level (low/med): MED Date Received: 07/18/2007

% Solids: 87.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	17000			P
7440-36-0	Antimony	4.7	U	N	P
7440-38-2	Arsenic	9.8		*	P
7440-39-3	Barium	244			P
7440-41-7	Beryllium	0.99			P
7440-43-9	Cadmium	0.73			P
7440-70-2	Calcium	4690		*	P
7440-47-3	Chromium	26.1			P
7440-48-4	Cobalt	17.9		E	P
7440-50-8	Copper	32.5		E	P
7439-89-6	Iron	31600		ED	P
7439-92-1	Lead	16.8		N	P
7439-95-4	Magnesium	9460		*	P
7439-96-5	Manganese	363		E	P
7439-97-6	Mercury	0.058	J		CV
7440-02-0	Nickel	45.4		E	P
7440-09-7	Potassium	2440		E	P
7782-49-2	Selenium	4.6			P
7440-22-4	Silver	0.79	U	N	P
7440-23-5	Sodium	56.0	J		P
7440-28-0	Thallium	5.4			P
7440-62-2	Vanadium	22.4			P
7440-66-6	Zinc	104		E	P
57-12-5	Cyanide	0.47	J		AS

Color Before BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): SOIL Lab Sample ID: F0981-04

Level (low/med): MED Date Received: 07/18/2007

% Solids: 88.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	10600			P
7440-36-0	Antimony	4.3	U	N	P
7440-38-2	Arsenic	4.5		*	P
7440-39-3	Barium	215			P
7440-41-7	Beryllium	0.58			P
7440-43-9	Cadmium	0.56			P
7440-70-2	Calcium	11300		*	P
7440-47-3	Chromium	17.1			P
7440-48-4	Cobalt	10.4		E	P
7440-50-8	Copper	42.2		E	P
7439-89-6	Iron	27100		ED	P
7439-92-1	Lead	152		N	P
7439-95-4	Magnesium	9070		*	P
7439-96-5	Manganese	504		E	P
7439-97-6	Mercury	0.10	U		CV
7440-02-0	Nickel	22.1		E	P
7440-09-7	Potassium	1350		E	P
7782-49-2	Selenium	3.8			P
7440-22-4	Silver	0.72	U	N	P
7440-23-5	Sodium	138	J		P
7440-28-0	Thallium	5.0			P
7440-62-2	Vanadium	21.5			P
7440-66-6	Zinc	122		E	P
57-12-5	Cyanide	2.4	U		AS

Color Before BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12/D

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): SOIL Lab Sample ID: F0981-05

Level (low/med): MED Date Received: 07/18/2007

% Solids: 88.0

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

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	12400			P
7440-36-0	Antimony	5.4	U	N	P
7440-38-2	Arsenic	4.4		*	P
7440-39-3	Barium	111			P
7440-41-7	Beryllium	0.76			P
7440-43-9	Cadmium	0.73			P
7440-70-2	Calcium	2620		*	P
7440-47-3	Chromium	19.9			P
7440-48-4	Cobalt	11.9		E	P
7440-50-8	Copper	48.7		E	P
7439-89-6	Iron	35700		ED	P
7439-92-1	Lead	145		N	P
7439-95-4	Magnesium	5480		*	P
7439-96-5	Manganese	994		E	P
7439-97-6	Mercury	0.11	U		CV
7440-02-0	Nickel	27.4		E	P
7440-09-7	Potassium	1430		E	P
7782-49-2	Selenium	4.8			P
7440-22-4	Silver	0.90	U	N	P
7440-23-5	Sodium	123	J		P
7440-28-0	Thallium	7.4			P
7440-62-2	Vanadium	24.5			P
7440-66-6	Zinc	134		E	P
57-12-5	Cyanide	2.6	U		AS

Color Before BROWN Clarity Before: Texture: MEDIUM

Color After: YELLOW Clarity After: CLEAR Artifacts:

Comments:

USEPA - CLP

1A-IN

INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

SB12W

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Matrix (soil/water): WATER Lab Sample ID: F0981-06

Level (low/med): MED Date Received: 07/18/2007

% 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	961000		D	P
7440-36-0	Antimony	60.0	U		P
7440-38-2	Arsenic	565			P
7440-39-3	Barium	7080		E	P
7440-41-7	Beryllium	43.4		E	P
7440-43-9	Cadmium	88.0		E	P
7440-70-2	Calcium	1530000		D	P
7440-47-3	Chromium	1180		E	P
7440-48-4	Cobalt	1090		E	P
7440-50-8	Copper	3660		E	P
7439-89-6	Iron	2610000		D	P
7439-92-1	Lead	3540		ED	P
7439-95-4	Magnesium	438000		E	P
7439-96-5	Manganese	101000		D	P
7439-97-6	Mercury	3.2			CV
7440-02-0	Nickel	1980		E	P
7440-09-7	Potassium	82100			P
7782-49-2	Selenium	12.1	J		P
7440-22-4	Silver	10.0	U		P
7440-23-5	Sodium	110000		E	P
7440-28-0	Thallium	198		E	P
7440-62-2	Vanadium	1040		E	P
7440-66-6	Zinc	6050		E	P

Color Before BROWN Clarity Before: CLOUDY Texture:

Color After: GREY Clarity After: CLOUDY Artifacts:

Comments:

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	2.0	2.10	105	5.0	5.22	104	5.18	104	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				5.0	5.23	105	5.26	105	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				5.0	5.27	105			CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury	2.0	2.17	108	5.0	5.10	102	5.15	103	CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Mercury				5.0	5.16	103			CV

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Cyanide	250.0	221.30	89	200.0	223.29	112	221.29	111	AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Cyanide				200.0	218.59	109			AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Cyanide	250.0	245.26	98	200.0	216.53	108	215.03	108	AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Cyanide				200.0	212.56	106	226.83	113	AS

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	15000.0	14515.95	97	10000.0	9929.46	99	9820.32	98	P
Antimony	750.0	728.99	97	500.0	489.87	98	495.04	99	P
Arsenic	750.0	767.29	102	500.0	524.25	105	518.11	104	P
Barium	15000.0	15169.47	101	10000.0	10476.84	105	10542.38	105	P
Beryllium	375.0	368.71	98	250.0	250.27	100	250.93	100	P
Cadmium	375.0	372.32	99	250.0	256.39	103	253.55	101	P
Calcium	37500.0	36753.34	98	25000.0	25059.01	100	25149.33	101	P
Chromium	1500.0	1495.55	100	1000.0	1031.16	103	1013.20	101	P
Cobalt	3750.0	3731.38	100	2500.0	2576.76	103	2544.45	102	P
Copper	1875.0	1829.36	98	1250.0	1244.23	100	1255.94	100	P
Iron	7500.0	7681.90	102	5000.0	5352.78	107	5331.48	107	P
Magnesium	37500.0	36867.02	98	25000.0	25335.97	101	25300.38	101	P
Nickel	3750.0	3722.12	99	2500.0	2582.78	103	2541.32	102	P
Selenium	750.0	732.43	98	500.0	503.13	101	501.37	100	P
Thallium	750.0	750.93	100	500.0	512.62	103	516.29	103	P
Vanadium	3750.0	3722.96	99	2500.0	2518.11	101	2534.90	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9970.62	100	9977.15	100	P
Antimony				500.0	507.58	102	521.63	104	P
Arsenic				500.0	532.67	107	550.71	110	P
Barium				10000.0	10647.07	106	10834.54	108	P
Beryllium				250.0	253.87	102	257.15	103	P
Cadmium				250.0	258.88	104	263.98	106	P
Calcium				25000.0	25362.79	101	25591.13	102	P
Chromium				1000.0	1022.02	102	1031.38	103	P
Cobalt				2500.0	2552.97	102	2608.76	104	P
Copper				1250.0	1266.45	101	1282.17	103	P
Iron				5000.0	5389.16	108	5445.65	109	P
Magnesium				25000.0	25663.89	103	26172.31	105	P
Nickel				2500.0	2567.37	103	2609.26	104	P
Selenium				500.0	504.62	101	521.20	104	P
Thallium				500.0	513.37	103	523.99	105	P
Vanadium				2500.0	2553.52	102	2568.68	103	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9984.67	100			P
Antimony				500.0	523.08	105			P
Arsenic				500.0	546.28	109			P
Barium				10000.0	10736.07	107			P
Beryllium				250.0	255.38	102			P
Cadmium				250.0	265.55	106			P
Calcium				25000.0	25522.48	102			P
Chromium				1000.0	1029.46	103			P
Cobalt				2500.0	2606.78	104			P
Copper				1250.0	1271.34	102			P
Iron				5000.0	5458.41	109			P
Magnesium				25000.0	25971.30	104			P
Nickel				2500.0	2607.75	104			P
Selenium				500.0	513.06	103			P
Thallium				500.0	526.16	105			P
Vanadium				2500.0	2555.33	102			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	15000.0	14394.00	96	10000.0	9949.59	99	9978.42	100	P
Calcium	37500.0	36240.27	97	25000.0	25095.73	100	25231.56	101	P
Iron	7500.0	7585.11	101	5000.0	5366.44	107	5413.73	108	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9895.76	99			P
Calcium				25000.0	25317.80	101			P
Iron				5000.0	5363.56	107			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum	15000.0	14838.17	99	10000.0	9768.42	98	9861.36	99	P
Antimony	750.0	706.52	94	500.0	471.45	94	466.06	93	P
Arsenic	750.0	769.71	103	500.0	508.22	102	505.90	101	P
Barium	15000.0	15422.66	103	10000.0	10511.88	105	10591.31	106	P
Beryllium	375.0	374.02	100	250.0	253.43	101	254.63	102	P
Cadmium	375.0	371.25	99	250.0	249.96	100	254.46	102	P
Calcium	37500.0	37277.01	99	25000.0	24941.81	100	25021.77	100	P
Chromium	1500.0	1503.37	100	1000.0	1019.81	102	1032.60	103	P
Cobalt	3750.0	3743.85	100	2500.0	2559.31	102	2587.55	104	P
Iron	7500.0	7769.08	104	5000.0	5301.69	106	5392.74	108	P
Magnesium	37500.0	37701.34	101	25000.0	25479.13	102	25523.40	102	P
Manganese	3750.0	3787.44	101	2500.0	2572.63	103	2582.23	103	P
Nickel	3750.0	3749.25	100	2500.0	2563.19	103	2593.26	104	P
Silver	1875.0	1795.35	96	1250.0	1191.73	95	1210.35	97	P
Thallium	750.0	749.07	100	500.0	506.97	101	506.83	101	P
Vanadium	3750.0	3778.22	101	2500.0	2558.27	102	2579.67	103	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9780.29	98	9754.73	98	P
Antimony				500.0	473.45	95	474.36	95	P
Arsenic				500.0	514.43	103	512.56	103	P
Barium				10000.0	10553.35	106	10635.73	106	P
Beryllium				250.0	253.49	101	255.13	102	P
Cadmium				250.0	251.24	100	252.73	101	P
Calcium				25000.0	25080.90	100	25038.69	100	P
Chromium				1000.0	1017.97	102	1019.94	102	P
Cobalt				2500.0	2569.29	103	2564.20	103	P
Iron				5000.0	5318.66	106	5338.14	107	P
Magnesium				25000.0	25564.60	102	25660.48	103	P
Manganese				2500.0	2578.03	103	2586.05	103	P
Nickel				2500.0	2562.40	102	2565.11	103	P
Silver				1250.0	1191.54	95	1193.65	95	P
Thallium				500.0	509.73	102	510.32	102	P
Vanadium				2500.0	2553.00	102	2574.57	103	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Aluminum				10000.0	9647.68	96			P
Antimony				500.0	473.15	95			P
Arsenic				500.0	511.68	102			P
Barium				10000.0	10547.10	105			P
Beryllium				250.0	252.95	101			P
Cadmium				250.0	250.30	100			P
Calcium				25000.0	24952.55	100			P
Chromium				1000.0	1009.49	101			P
Cobalt				2500.0	2544.80	102			P
Iron				5000.0	5268.27	105			P
Magnesium				25000.0	25552.36	102			P
Manganese				2500.0	2560.12	102			P
Nickel				2500.0	2543.46	102			P
Silver				1250.0	1178.08	94	1202.98	96	P
Thallium				500.0	509.15	102			P
Vanadium				2500.0	2536.27	101			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Silver				1250.0	1194.09	96	1200.03	96	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Manganese	3750.0	3679.51	98	2500.0	2584.61	103	2582.34	103	P
Zinc	3750.0	3692.07	98	2500.0	2619.78	105	2623.98	105	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Manganese				2500.0	2599.81	104			P
Zinc				2500.0	2602.38	104			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Iron	7500.0	7672.44	102	5000.0	5200.98	104	5256.93	105	P
Lead	750.0	743.38	99	500.0	500.51	100	501.72	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Iron				5000.0	5276.40	106	5227.42	105	P
Lead				500.0	505.93	101	504.38	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Iron				5000.0	5189.40	104	5189.51	104	P
Lead				500.0	502.58	101	506.13	101	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Iron				5000.0	5219.23	104			P
Lead				500.0	504.48	101			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Potassium	37500.0	38599.28	103	25000.0	24867.16	99	24759.90	99	P
Sodium	37500.0	39269.64	105	25000.0	25210.99	101	24992.40	100	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Potassium				25000.0	24984.41	100			P
Sodium				25000.0	25134.19	101			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Copper	1875.0	1953.32	104	1250.0	1245.32	100	1258.21	101	P
Selenium	750.0	771.62	103	500.0	504.38	101	500.68	100	P
Zinc	3750.0	3955.75	105	2500.0	2574.61	103	2592.19	104	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Copper				1250.0	1271.23	102			P
Selenium				500.0	510.17	102			P
Zinc				2500.0	2614.12	105			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Manganese	3750.0	3860.74	103	2500.0	2526.35	101	2538.40	102	P
Zinc	3750.0	3861.02	103	2500.0	2517.36	101	2575.46	103	P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2A-IN

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Initial Calibration Verification Source:

Continuing Calibration Verification Source:

Concentration Units: ug/L

	Initial Calibration Verificaion			Continuing Calibration Verificaion					
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Manganese				2500.0	2554.91	102			P
Zinc				2500.0	2572.69	103			P

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Mercury	0.2	0.18 J	90	0.19 J	95
Mercury	0.2			0.19 J	95

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Mercury	0.2	0.18 J	90	0.16 J	80

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Cyanide	10.0	9.93 J	99	9.20 J	92

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Cyanide	10.0	10.55	106	9.46 J	95

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Cyanide	10.0			10.35	104

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Antimony	60.0	68.67	114	70.44	117
Arsenic	10.0	11.14	111	9.85 J	98
Beryllium	5.0	5.19	104	5.24	105
Cadmium	5.0	5.60	112	5.66	113
Chromium	10.0	10.57	106	10.45	104
Cobalt	50.0	54.77	110	54.92	110
Copper	25.0	25.87	103	27.60	110
Nickel	40.0	43.89	110	44.23	111
Selenium	35.0	37.65	108	40.63	116
Thallium	25.0	28.44	114	26.39	106
Vanadium	50.0	53.43	107	53.73	107

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0981

CRQL Check Standard Source: _____

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Antimony	60.0			70.00	117
Arsenic	10.0			11.70	117
Beryllium	5.0			5.32	106
Cadmium	5.0			5.92	118
Chromium	10.0			10.63	106
Cobalt	50.0			56.08	112
Copper	25.0			28.27	113
Nickel	40.0			45.13	113
Selenium	35.0			41.91	120
Thallium	25.0			28.43	114
Vanadium	50.0			53.87	108

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Antimony	60.0	68.29	114	64.15	107
Arsenic	10.0	8.65 J	86	10.74	107
Beryllium	5.0	5.04	101	4.98 J	100
Cadmium	5.0	5.31	106	5.15	103
Chromium	10.0	10.01	100	10.18	102
Cobalt	50.0	52.37	105	52.71	105
Manganese	15.0	16.21	108	17.16	114
Nickel	40.0	42.44	106	42.15	105
Silver	10.0	11.32	113	10.16	102
Thallium	25.0	22.52 J	90	22.87 J	91
Vanadium	50.0	50.87	102	50.65	101

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Antimony	60.0			65.02	108
Arsenic	10.0			9.58 J	96
Beryllium	5.0			5.00	100
Cadmium	5.0			5.33	107
Chromium	10.0			9.91 J	99
Cobalt	50.0			52.17	104
Manganese	15.0			16.21	108
Nickel	40.0			42.01	105
Silver	10.0			10.24	102
Thallium	25.0			22.61 J	90
Vanadium	50.0			50.09	100

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0981

CRQL Check Standard Source: _____

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Silver	10.0			10.82	108

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Silver	10.0			10.26	103

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0981

CRQL Check Standard Source: _____

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Manganese	15.0	16.55	110	17.62	117
Zinc	60.0	67.84	113	68.16	114

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Lead	10.0	10.14	101	12.25	123

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0981

CRQL Check Standard Source: _____

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Lead	10.0			12.27	123

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0981

CRQL Check Standard Source: _____

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Lead	10.0			10.07	101

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0981

CRQL Check Standard Source: _____

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Copper	25.0	26.51	106	27.29	109
Selenium	35.0	40.00	114	38.84	111
Zinc	60.0	70.07	117	71.32	119

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

2B-IN

CRQL CHECK STANDARD

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

CRQL Check Standard Source:

Concentration Units: ug/L

	CRQL Check Standard				
	Initial			Final	
Analyte	True	Found*	%R (1)	Found*	%R (1)
Manganese	15.0	16.35	109	16.09	107
Zinc	60.0	65.00	108	75.07	125

(1) Control Limits: 70-130 with the following exceptions:
ICP-AES - Antimony, Lead and Thallium: 50-150.
ICP-MS - Cobalt, Manganese and Zinc: 50-150.

* If applicable, enter the concentration qualifier "J" or "U" after the concentration in these columns (e.g., 0.20U for Mercury).

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: **MB-31388**

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

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Mercury	0.200	U	0.200	U	0.200	U	0.200	U	0.100	U	CV

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): Method Blank ID:

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Mercury			0.200	U	0.200	U					

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): WATER Method Blank ID: **MB-31387**

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Mercury	0.200	U	-0.084	J	0.200	U	0.200	U	-0.084	J	CV

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: **MB-31267**

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Cyanide	10.000	U	10.000	U	10.000	U	10.000	U	2.500	U	AS

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: **MB-31448**

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Cyanide	10.000	U	10.000	U	10.000	U	10.000	U	2.500	U	AS

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): Method Blank ID:

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Cyanide			10.000	U							

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): WATER

Method Blank ID: **MB-31385**

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

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.000	U	12.977	J	200.000	U	18.234	J	8.533	J	P
Antimony	-2.318	J	60.000	U	-1.483	J	60.000	U	-1.122	J	P
Arsenic	10.000	U	-4.569	J	10.000	U	10.000	U	10.000	U	P
Barium	1.182	J	1.162	J	1.292	J	1.536	J	0.741	J	P
Beryllium	5.000	U	5.000	U	5.000	U	5.000	U	5.000	U	P
Cadmium	0.113	J	0.178	J	0.117	J	0.174	J	0.096	J	P
Calcium	5000.000	U	-26.163	J	5000.000	U	5000.000	U	5000.000	U	P
Chromium	10.000	U	10.000	U	10.000	U	-0.171	J	10.000	U	P
Cobalt	0.533	J	0.542	J	0.358	J	0.595	J	50.000	U	P
Copper	25.000	U	25.000	U	25.000	U	25.000	U	25.000	U	P
Iron	100.000	U	100.000	U	100.000	U	100.000	U	100.000	U	P
Magnesium	5000.000	U	15.821	J	5000.000	U	28.880	J	5000.000	U	P
Nickel	40.000	U	40.000	U	40.000	U	40.000	U	40.000	U	P
Selenium	3.021	J	35.000	U	6.909	J	3.079	J	6.050	J	P
Thallium	25.000	U	25.000	U	1.462	J	2.465	J	25.000	U	P
Vanadium	0.400	J	50.000	U	50.000	U	0.373	J	50.000	U	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): Method Blank ID:

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Aluminum			200.000	U	8.829	J					
Antimony			60.000	U	0.860	J					
Arsenic			10.000	U	10.000	U					
Barium			0.578	J	200.000	U					
Beryllium			5.000	U	5.000	U					
Cadmium			0.337	J	0.330	J					
Calcium			27.300	J	19.180	J					
Chromium			10.000	U	10.000	U					
Cobalt			50.000	U	50.000	U					
Copper			25.000	U	25.000	U					
Iron			100.000	U	53.859	J					
Magnesium			5000.000	U	5000.000	U					
Nickel			40.000	U	40.000	U					
Selenium			3.621	J	35.000	U					
Thallium			25.000	U	25.000	U					
Vanadium			50.000	U	50.000	U					

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): Method Blank ID:

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

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.000	U	11.241	J	200.000	U	9.287	J			
Calcium	-27.705	J	5000.000	U	-39.172	J	-64.389	J			
Iron	100.000	U	100.000	U	100.000	U	100.000	U			

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: **MB-31386**

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

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum	200.000	U	5.294	J	200.000	U	10.757	J	2.190	J	P
Antimony	1.697	J	-1.637	J	60.000	U	1.010	J	0.440	J	P
Arsenic	-1.883	J	10.000	U	10.000	U	-3.359	J	1.000	U	P
Barium	1.543	J	0.864	J	1.341	J	1.245	J	0.125	J	P
Beryllium	5.000	U	5.000	U	5.000	U	5.000	U	0.500	U	P
Cadmium	5.000	U	5.000	U	5.000	U	5.000	U	-0.010	B	P
Calcium	54.001	J	48.525	J	44.178	J	41.576	J	25.396	J	P
Chromium	10.000	U	10.000	U	0.237	J	10.000	U	0.097	J	P
Cobalt	0.387	J	50.000	U	50.000	U	50.000	U	5.000	U	P
Iron	100.000	U	100.000	U	100.000	U	100.000	U	5.049	J	P
Magnesium	5000.000	U	5000.000	U	5000.000	U	12.267	J	1.840	B	P
Manganese	15.000	U	15.000	U	15.000	U	15.000	U	0.277	J	P
Nickel	0.393	J	0.388	J	0.387	J	40.000	U	0.081	J	P
Silver	2.775	J	10.000	U	10.000	U	10.000	U	1.000	U	P
Thallium	25.000	U	25.000	U	-2.595	J	-1.306	J	-0.345	J	P
Vanadium	0.577	J	0.309	J	50.000	U	50.000	U	5.000	U	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L 8/15/07CB MB-31385

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Aluminum			9.119	J	24.627	J					
Antimony			60.000	U	1.069	J					
Arsenic			10.000	U	10.000	U					
Barium			1.350	J	1.086	J					
Beryllium			5.000	U	5.000	U					
Cadmium			5.000	U	0.122	J					
Calcium			55.352	J	85.506	J					
Chromium			10.000	U	10.000	U					
Cobalt			50.000	U	50.000	U					
Iron			100.000	U	100.000	U					
Magnesium			5000.000	U	29.876	J					
Manganese			15.000	U	15.000	U					
Nickel			0.482	J	0.400	J					
Silver			10.000	U	10.000	U	10.000	U	10.000	U	P
Thallium			-2.510	J	-3.077	J					
Vanadium			50.000	U	0.338	J					

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): Method Blank ID:

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Silver			10.000	U	10.000	U					

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): Method Blank ID:

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Manganese	15.000	U	15.000	U	15.000	U	15.000	U			
Zinc	60.000	U	60.000	U	60.000	U	60.000	U			

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: **MB-31386**

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

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Iron	100.000	U	100.000	U	100.000	U	100.000	U			
Lead	0.685	J	0.747	J	10.000	U	10.000	U	0.378	J	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): WATER

Method Blank ID: **MB-31385**

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Iron			100.000	U	100.000	U	100.000	U			
Lead			-0.911	J	10.000	U	10.000	U	0.753	J	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): Method Blank ID:

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Iron			100.000	U							
Lead			-0.723	J							

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: **MB-31386**

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Potassium	59.581	J	5000.000	U	5000.000	U	31.671	J	7.186	J	P
Sodium	5000.000	U	5000.000	U	-131.727	J	-145.868	J	500.000	U	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): WATER Method Blank ID: **MB-31385**

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

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Potassium									5000.000	U	P
Sodium									-163.620	J	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): SOIL Method Blank ID: **MB-31386**

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

Analyte	Initial Calibration Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Preparation Blank	C	M
Copper	25.000	U	25.000	U	25.000	U	25.000	U	2.459	J	P
Selenium	-2.635	J	35.000	U	2.669	J	2.907	J	3.500	U	P
Zinc	60.000	U	60.000	U	60.000	U	60.000	U	2.561	J	P

USEPA - CLP

3-IN

BLANKS

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Blank Matrix (soil/water): WATER

Method Blank ID: **MB-31385**

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

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	1	C	2	C	3	C		C	M
Manganese	15.000	U	15.000	U	0.905	J	15.000	U	0.995	J	P
Zinc	60.000	U	60.000	U	23.061	J	60.000	U	60.000	U	P

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

	True		Initial Found				Final Found			
Analyte	Sol. A	Sol. AB	Sol. A	%R	Sol. AB	%R	Sol. A	%R	Sol. AB	%R
Aluminum	500000	500000	449000	90	444000	89	452000	90	452000	90
Antimony	0	600	-7.2		575	96	-7.1		585	98
Arsenic	0	100	-5.0		93.6	94	-3.7		96.2	96
Barium	0	500	1.6		477	95	2.1		481	96
Beryllium	0	500	0.043		437	87	0.014		438	88
Cadmium	0	1000	0.36		857	86	0.62		859	86
Calcium	500000	500000	477000	95	487000	97	486000	97	489000	98
Chromium	0	500	-7.9		431	86	-7.9		427	85
Cobalt	0	500	33.6		439	88	34.4		439	88
Copper	0	500	-3.6		472	94	-2.8		477	95
Iron	200000	200000	170000	85	169000	85	172000	86	172000	86
Magnesium	500000	500000	432000	86	428000	86	434000	87	434000	87
Nickel	0	1000	23.9		825	83	24.2		822	82
Selenium	0	50.0	-2.9		42.6	85	9.5		50.8	102
Thallium	0	100	3.4		88.7	89	3.7		88.4	88
Vanadium	0	500	-1.6		445	89	-1.6		446	89

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	%R	Initial Found Sol. AB	%R	Final Found Sol. A	%R	Final Found Sol. AB	%R
Aluminum	500000	500000	454000	91	450000	90				
Antimony	0	600	-7.8		605	101				
Arsenic	0	100	-4.2		92.5	93				
Barium	0	500	1.9		493	99				
Beryllium	0	500	0.0070		448	90				
Cadmium	0	1000	0.60		890	89				
Calcium	500000	500000	494000	99	496000	99				
Chromium	0	500	-8.1		439	88				
Cobalt	0	500	34.7		449	90				
Copper	0	500	-2.2		487	97				
Iron	200000	200000	175000	88	174000	87				
Magnesium	500000	500000	444000	89	440000	88				
Nickel	0	1000	24.2		845	85				
Selenium	0	50.0	0.48		49.9	100				
Thallium	0	100	6.3		93.3	93				
Vanadium	0	500	-1.6		454	91				

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	%R	Initial Found Sol. AB	%R	Final Found Sol. A	%R	Final Found Sol. AB	%R
Aluminum	500000	500000	463000	93	460000	92	465000	93	458000	92
Calcium	500000	500000	496000	99	496000	99	504000	101	503000	101
Iron	200000	200000	174000	87	173000	87	174000	87	172000	86

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	%R	Initial Found Sol. AB	%R	Final Found Sol. A	%R	Final Found Sol. AB	%R
Aluminum	500000	500000	457000	91	441000	88	440000	88	440000	88
Antimony	0	600	-1.3		577	96	-2.3		571	95
Arsenic	0	100	-6.7		86.7	87	-5.7		86.9	87
Barium	0	500	1.7		468	94	2.2		467	93
Beryllium	0	500	0.026		428	86	0.026		429	86
Cadmium	0	1000	0.61		823	82	0.64		820	82
Calcium	500000	500000	493000	99	478000	96	473000	95	477000	95
Chromium	0	500	-8.0		422	84	-7.5		427	85
Cobalt	0	500	34.6		435	87	33.1		437	87
Iron	200000	200000	172000	86	167000	84	166000	83	167000	84
Magnesium	500000	500000	437000	87	421000	84	420000	84	422000	84
Manganese	0	500	2.2		444	89	2.3		446	89
Nickel	0	1000	24.6		812	81	23.5		817	82
Silver	0	200	-1.4		185	93	-2.1		187	94
Thallium	0	100	6.0		87.7	88	5.5		87.5	88
Vanadium	0	500	-2.2		437	87	-2.0		441	88

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	%R	Initial Found Sol. AB	%R	Final Found Sol. A	%R	Final Found Sol. AB	%R
Aluminum	500000	500000	438000	88	439000	88				
Antimony	0	600	6.5		583	97				
Arsenic	0	100	-5.9		88	88				
Barium	0	500	1.6		472	94				
Beryllium	0	500	0.023		430	86				
Cadmium	0	1000	0.68		833	83				
Calcium	500000	500000	472000	94	479000	96				
Chromium	0	500	-7.5		420	84				
Cobalt	0	500	33.3		433	87				
Iron	200000	200000	166000	83	167000	84				
Magnesium	500000	500000	421000	84	424000	85				
Manganese	0	500	2.2		446	89				
Nickel	0	1000	23.4		808	81				
Silver	0	200	-2.3		184	92	-3.2		187	94
Thallium	0	100	7.5		83.7	84				
Vanadium	0	500	-2.1		436	87				

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found %R	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found %R	Final Found Sol. AB	Final Found %R
Silver	0	200	-3.4		184	92				

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	%R	Initial Found Sol. AB	%R	Final Found Sol. A	%R	Final Found Sol. AB	%R
Manganese	0	500	1.9		463	93	2.3		462	92
Zinc	0	1000	7.0		860	86	6.8		856	86

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found %R	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found %R	Final Found Sol. AB	Final Found %R
Iron	200000	200000	186000	93	174000	87	186000	93	174000	87
Lead	0	50.0	6.4		47.7	95	5.8		47.6	95

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	%R	Initial Found Sol. AB	%R	Final Found Sol. A	%R	Final Found Sol. AB	%R
Iron	200000	200000	186000	93	173000	87	185000	93	173000	87
Lead	0	50.0	5.6		48.8	98	5.4		47	94

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	%R	Initial Found Sol. AB	%R	Final Found Sol. A	%R	Final Found Sol. AB	%R
Potassium	0	0.0	37.0		23.2		94.1		108	
Sodium	0	0.0	4.0		-23		-20		-91	

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: _____ NRAS No.: _____ SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source: _____

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	%R	Initial Found Sol. AB	%R	Final Found Sol. A	%R	Final Found Sol. AB	%R
Copper	0	500	-6.5		500	100	-6.6		510	102
Selenium	0	50.0	10.0		54.7	109	11.7		54	108
Zinc	0	1000	6.3		890	89	6.5		905	91

USEPA - CLP

4A-IN

ICP-AES INTERFERENCE CHECK SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 ICS Source:

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	%R	Initial Found Sol. AB	%R	Final Found Sol. A	%R	Final Found Sol. AB	%R
Manganese	0	500	2.5		490	98	3.4		493	99
Zinc	0	1000	5.7		902	90	12.3		927	93

USEPA - CLP

5A-IN

EPA SAMPLE NO.

MATRIX SPIKE SAMPLE RECOVERY

MW-BR12S

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

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

% Solids for Sample: 86.0

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

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony	75-125	3.7530	J	6.3000	U	21.04	18	N	P
Arsenic	75-125	10.1274		2.4318		8.42	91		P
Barium	75-125	572.7232		159.1010		420.88	98		P
Beryllium	75-125	10.6785		0.8159		10.52	94		P
Cadmium	75-125	10.2124		0.2470	J	10.52	95		P
Chromium	75-125	63.2671		24.4471		42.09	92		P
Cobalt	75-125	116.1504		13.1536		105.22	98		P
Copper	75-125	77.0442		27.2780		52.61	95		P
Lead	75-125	15.2320		14.4630		4.21	18	N	P
Manganese		438.3721		457.1905		105.22	-18		P
Nickel	75-125	127.9743		28.6172		105.22	94		P
Selenium	75-125	13.9575		4.4296		10.52	91		P
Silver	75-125	2.8427		1.1000	U	10.52	27	N	P
Thallium	75-125	14.6595		5.5135		10.52	87		P
Vanadium	75-125	121.2619		22.9368		105.22	93		P
Zinc	75-125	178.2119		80.4901		105.22	93		P
Mercury	75-125	0.5447		0.1200	U	0.58	94		CV
Cyanide	75-125	5.7152		2.7000	U	5.46	105		AS

Comments:

USEPA - CLP

5B-IN

POST-DIGESTION SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

MW-BR12A

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

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

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

Analyte	Control Limit %R	Spike Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Antimony		108.34		0.79	U	120.0	90		P
Lead		440.61		137.46		300.0	101		P

Comments:

USEPA - CLP

6-IN

DUPLICATES

EPA SAMPLE NO.

MW-BR12D

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

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

% Solids for Sample: 86.0 % Solids for Duplicate: 86.0

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

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		15560.5133		15185.9303		2		P
Antimony		6.3000	U	6.3000	U			P
Arsenic	1.1	2.4318		4.0658		50	*	P
Barium		159.1010		189.5210		17		P
Beryllium	0.5	0.8159		0.7760		5		P
Cadmium		0.2470	J	0.2588	J	5		P
Calcium	530.0	2186.9593		1595.2068		31	*	P
Chromium		24.4471		20.7628		16		P
Cobalt	5.3	13.1536		12.7451		3		P
Copper		27.2780		26.7649		2		P
Iron		28479.7923		27659.2519		3		P
Lead		14.4630		14.7842		2		P
Magnesium		6191.5693		4607.2742		29	*	P
Manganese		457.1905		527.1647		14		P
Nickel		28.6172		26.0786		9		P
Potassium	530.0	1290.6926		1232.5254		5		P
Selenium	3.7	4.4296		4.3922		1		P
Silver		1.1000	U	1.1000	U			P
Sodium		56.5201	J	57.0053	J	1		P
Thallium	2.6	5.5135		5.6273		2		P
Vanadium	5.3	22.9368		23.3149		2		P
Zinc		80.4901		73.0300		10		P
Mercury		0.1200	U	0.1200	U			CV
Cyanide		2.7000	U	2.7000	U			AS

USEPA - CLP

7-IN

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Solid LCS Source: LCS(D) ID:

Aqueous LCS Source: **LCS-31267**

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Cyanide				172.0	146.2		66	278.0	85

USEPA - CLP

7-IN

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Solid LCS Source: LCS(D) ID:

Aqueous LCS Source: **LCS-31385**

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	9100.0	9730.40	107						
Antimony	455.0	522.65	115						
Arsenic	455.0	534.84	118						
Barium	9100.0	10229.72	112						
Beryllium	227.0	254.12	112						
Cadmium	227.0	261.68	115						
Calcium	22700.0	25112.55	111						
Chromium	910.0	1005.40	110						
Cobalt	2270.0	2508.85	111						
Copper	1130.0	1271.69	113						
Iron	4550.0	5237.52	115						
Lead	455.0	511.63	112						
Magnesium	22700.0	25276.67	111						
Manganese	2270.0	2416.93	106						
Nickel	2270.0	2536.80	112						
Potassium	22700.0	26079.66	115						
Selenium	455.0	516.96	114						
Silver	1130.0	1150.05	102						
Sodium	22700.0	25994.54	115						
Thallium	455.0	511.95	113						
Vanadium	2270.0	2503.76	110						
Zinc	2270.0	2306.82	102						

USEPA - CLP

7-IN

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Solid LCS Source: LCS(D) ID:

Aqueous LCS Source: **LCS-31386**

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum				7360.0	6866.5		4329.9	10399.7	93
Antimony				78.2	60.8		6	165.0	78
Arsenic				197.0	187.1		159	236.0	95
Barium				645.0	674.5		534	756.0	105
Beryllium				68.9	65.9		56.5	81.2	96
Cadmium				77.3	78.1		60.8	93.8	101
Calcium				4080.0	3547.9		3239.9	4920.1	87
Chromium				129.0	125.0		104	154.0	97
Cobalt				115.0	115.8		94.1	136.0	101
Copper				94.6	99.2		76.6	113.0	105
Iron				15100.0	12022.2		7020	23299.3	80
Lead				106.0	105.6		86.6	125.0	100
Magnesium				2370.0	2314.8		1850	2890.0	98
Manganese				326.0	323.2		265	387.0	99
Nickel				211.0	211.7		174	248.0	100
Potassium				2490.0	2482.0		1819.9	3160.1	100
Selenium				104.0	101.4		80.5	127.0	98
Silver				155.0	150.2		103	207.0	97
Sodium				722.0	702.4		462	982.0	97
Thallium				132.0	133.2		102	162.0	101
Vanadium				148.0	139.4		114	182.0	94
Zinc				150.0	152.3		119	181.0	102

USEPA - CLP

7-IN

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Solid LCS Source: LCS(D) ID:

Aqueous LCS Source: **LCS-31388**

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Mercury				3.9	3.4		2.6	5.2	87

USEPA - CLP

7-IN

LABORATORY CONTROL SAMPLE

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Solid LCS Source: LCS(D) ID:

Aqueous LCS Source: **LCS-31448**

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Cyanide				170.3	148.3		65.4	275.2	87

USEPA - CLP

8-IN

ICP_AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

SB12W

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

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

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

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Antimony	60.00	U	300.00	U			P
Arsenic	564.99		603.14		7		P
Barium	7080.13		9510.51		34	E	P
Beryllium	43.43		56.97		31	E	P
Cadmium	87.96		44.84		49	E	P
Chromium	1183.52		1494.31		26	E	P
Cobalt	1094.53		1512.55		38	E	P
Copper	3662.90		4105.30		12	E	P
Lead	707.98		817.70		15	E	P
Magnesium	438115.81		609287.35		39	E	P
Nickel	1976.70		2706.86		37	E	P
Potassium	82099.65		90135.45		10		P
Selenium	12.12	J	361.70		2884		P
Silver	10.00	U	50.00	U			P
Sodium	110257.63		125314.78		14	E	P
Thallium	197.51		568.23		188	E	P
Vanadium	1040.91		1357.31		30	E	P
Zinc	6048.15		8571.37		42	E	P

USEPA - CLP

8-IN

ICP_AES and ICP-MS SERIAL DILUTIONS

EPA SAMPLE NO.

MW-BR12

Lab Name: Mitkem Corporation Contract: 002699.ID09

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

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

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

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	147887.12		154585.39		5		P
Antimony	6.30	U	30.00	U			P
Arsenic	23.11		21.13	J	9		P
Barium	1512.10		1628.34		8		P
Beryllium	7.75		8.48	J	9		P
Cadmium	2.35	J	1.05	J	55		P
Calcium	20784.86		21457.26	J	3		P
Chromium	232.35		252.20		9		P
Cobalt	125.01		138.47	J	11	E	P
Copper	259.25		315.68		22	E	P
Iron	270671.95		312066.05		15	E	P
Lead	137.46		146.83		7		P
Magnesium	58844.67		64524.53		10		P
Manganese	4345.14		4784.37		10	E	P
Nickel	271.98		304.67		12	E	P
Potassium	12266.74		13609.70	J	11	E	P
Selenium	42.10		51.54	J	22		P
Silver	1.10	U	5.00	U			P
Sodium	537.17	J	2500.00	U	100		P
Thallium	52.40		44.04	J	16		P
Vanadium	217.99		231.79	J	6		P
Zinc	764.98		967.56		26	E	P

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument Type: CV InstrumentID: FIMS1 Date: 10/16/2006

Preparation Method: CW1

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

Analyte	Wavelength /Mass	CRQL	MDL
Mercury	253.70	0.2	0.084

Comments:

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument Type: CV InstrumentID: FIMS1 Date: 10/16/2006

Preparation Method: CS1

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

Analyte	Wavelength /Mass	CRQL	MDL
Mercury	253.70	0.1	0.015

Comments:

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument Type: AS InstrumentID: LACHAT1 Date: 10/16/2006

Preparation Method: METHO DH2 8/4/06 MD

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

Analyte	Wavelength /Mass	CRQL	MDL
Cyanide	570.00	10	3.9

Comments:

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument Type: AS InstrumentID: LACHAT1 Date: 10/16/2006

Preparation Method: METHO D S2 8/14/2006

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

Analyte	Wavelength /Mass	CRQL	MDL
Cyanide	570.00	2.5	0.22

Comments:

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument Type: P InstrumentID: OPTIMA3 Date: 10/16/2006

Preparation Method: METHO HW1 8/11/2006

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

Analyte	Wavelength /Mass	CRQL	MDL
Aluminum	308.21	200	4.9
Antimony	206.83	60	0.79
Arsenic	188.98	10	1.7
Barium	233.53	200	0.49
Beryllium	313.11	5.0	0.10
Cadmium	226.50	5.0	0.077
Calcium	227.54	5000	18.0
Chromium	267.72	10	0.16
Cobalt	228.62	50	0.30
Copper	324.75	25	5.1
Iron	273.96	100	44.0
Lead	220.35	10	0.60
Magnesium	279.08	5000	11.0
Manganese	257.61	15	0.66
Nickel	231.60	40	0.34
Potassium	766.49	5000	26.0
Selenium	196.03	35	2.1
Silver	328.07	10	1.5
Sodium	589.59	5000	41.0
Thallium	190.80	25	1.3
Vanadium	292.40	50	0.30
Zinc	206.20	60	8.5

Comments:

USEPA - CLP

9-IN

METHOD DETECTION LIMITS (ANUALLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument Type: P InstrumentID: OPTIMA3 Date: 10/16/2006

Preparation Method: METHO HS1 8/14/2006

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

Analyte	Wavelength /Mass	CRQL	MDL
Aluminum	308.21	20	1.6
Antimony	206.83	6.0	0.22
Arsenic	188.98	1.0	0.13
Barium	233.53	20	0.083
Beryllium	313.11	0.50	0.0061
Cadmium	226.50	0.50	0.020
Calcium	227.54	500	8.7
Chromium	267.72	1.0	0.026
Cobalt	228.62	5.0	0.068
Copper	324.75	2.5	0.38
Iron	273.96	10	0.47
Lead	220.35	1.0	0.073
Magnesium	279.08	500	2.6
Manganese	257.61	1.5	0.047
Nickel	231.60	4.0	0.078
Potassium	766.49	500	3.3
Selenium	196.03	3.5	0.40
Silver	328.07	1.0	0.098
Sodium	589.59	500	1.1
Thallium	190.80	2.5	0.10
Vanadium	292.40	5.0	0.014
Zinc	206.20	6.0	1.1

Comments:

USEPA - CLP

10A-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 Date: 7/12/2007

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	0.0165194	-0.0269414	0.0671652	0.0000000	34.8423000
Arsenic	188.97	0.0321479	-0.0164298	0.0092644	0.0069818	-15.1898000
Barium	233.52	0.0000000	0.0000000	0.0070839	0.0000000	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.50	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	227.54	0.0000000		21.3231000	0.1322570	6.3847900
Chromium	267.71	0.0162366	0.0000000	-0.0128320	0.0000000	
Cobalt	228.61	0.0000000	0.0103082	0.0063178	0.0000000	0.0000000
Copper	324.75	0.0000000	-0.0029022	0.0481345	0.0000000	0.0000000
Iron	273.95	4.0019200	0.9972660		1.0248300	0.0000000
Lead	220.35	-0.0261250	-0.0091514	0.0338637	-0.0025272	-0.1959070
Magnesium	279.07	0.0000000	0.0000000	0.4544340		0.0000000
Manganese	257.61	0.0000000	0.0000000	0.0000000	0.0000000	-0.0744474
Nickel	231.60	0.0304040	0.0208473	0.0000000	0.0030666	0.0000000
Selenium	196.02	-0.0277409	0.1280500	-0.3677690	-0.0024431	-0.2418720
Silver	328.06	0.0025030	-0.0810159	0.2373430	0.0000000	-0.3365300
Sodium	330.24	0.0000000	2.0260100	-1.1192500	0.0000000	6.9071900
Thallium	190.80	0.0752767	-0.0021910	-0.1260270	-0.0129623	0.1731700
Vanadium	292.40	0.0000000	0.0000000	-0.0170223	0.0000000	-1.7970000
Zinc	206.20	0.0976461	0.0022339	0.0000000	-0.0113280	-5.2512300

Comments:

USEPA - CLP

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 Date: 7/12/2007

Analyte	Wave-length (nm)	Interelement Correction Factors for: Cu	Mn	Ni	Tl	Ti
Aluminum	308.21	0.0000000	0.0000000	0.0000000	-2.6451200	0.0000000
Antimony	206.83	0.0508536	-0.0741957	-0.3922080	-0.1524470	-1.1446500
Arsenic	188.97	0.0000000	0.0801510	0.0816481	0.1155630	-0.3434380
Barium	233.52	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	313.10	0.0000000	0.0000000	0.0000000	0.0000000	-1.8085900
Cadmium	226.50	0.0000000	0.0000000	-0.4609680	0.0000000	0.0000000
Calcium	227.54	5.8622800	-3.3650500	42.5140000	0.0000000	0.0000000
Chromium	267.71	0.0000000	0.9235800	0.0000000	0.0000000	0.1055630
Cobalt	228.61	0.0000000	0.0000000	0.0830718	0.0000000	2.9101900
Copper	324.75		0.0000000	0.0000000	0.0000000	0.0000000
Iron	273.95	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.35	0.3741390	0.2127200	-0.1735820	0.0000000	0.0000000
Magnesium	279.07	0.0000000	-11.7192000	0.0000000	0.0000000	0.0000000
Manganese	257.61	0.0000000		0.0000000	0.0000000	0.0000000
Nickel	231.60	0.0904334	0.0000000		0.2723600	0.7524540
Selenium	196.02	-0.3950490	0.8330850	0.0192791	-0.1264270	-0.1039310
Silver	328.06	-0.1307520	-0.3365300	0.0000000	0.0616354	0.1488940
Sodium	330.24	0.0000000	0.0000000	0.0000000	0.0000000	-221.0530000
Thallium	190.80	0.0404189	-1.1832000	0.0000000		0.3880270
Vanadium	292.40	0.1117630	-0.0763171	0.0000000	0.0000000	0.1276600
Zinc	206.20	0.0747221	-0.8763280	0.0000000	0.0719308	0.0000000

Comments:

USEPA - CLP

10B-IN

ICP-AES INTERELEMENT CORRECTION FACTORS (QUARTERLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP-AES Instrument ID: OPTIMA3 Date: 7/12/2007

Analyte	Wave-length (nm)	Interelement Correction Factors for: V	___	___	___	___
Aluminum	308.21	8.3394700				
Antimony	206.83	-1.4353000				
Arsenic	188.97	0.1630090				
Barium	233.52	-1.2844000				
Beryllium	313.10	-0.0323626				
Cadmium	226.50	0.0000000				
Calcium	227.54	19.8272000				
Chromium	267.71	-0.6777960				
Cobalt	228.61	0.0000000				
Copper	324.75	-0.0393918				
Iron	273.95	74.7782000				
Lead	220.35	-0.0369626				
Magnesium	279.07	-1.0695800				
Manganese	257.61	0.0000000				
Nickel	231.60	0.0842320				
Selenium	196.02	-0.3437310				
Silver	328.06	12.9032000				
Sodium	330.24	4.4905800				
Thallium	190.80	0.5103940				
Vanadium	292.40					
Zinc	206.20	0.0415035				

Comments:

USEPA - CLP

11-IN

ICP-AES and ICP-MS LINEAR RANGES (QUARTERLY)

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

ICP InstrumentID: OPTIMA3 Date: 8/1/2007

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	M
Aluminum	0.20	500000	P
Antimony	0.20	50000	P
Arsenic	0.20	25000	P
Barium	0.20	50000	P
Beryllium	0.20	5000	P
Cadmium	0.20	25000	P
Calcium	0.20	500000	P
Chromium	0.20	25000	P
Cobalt	0.20	50000	P
Copper	0.20	50000	P
Iron	0.20	300000	P
Lead	0.20	50000	P
Magnesium	0.20	500000	P
Manganese	0.20	25000	P
Nickel	0.20	50000	P
Potassium	0.20	250000	P
Selenium	0.20	25000	P
Silver	0.20	2500	P
Sodium	0.20	250000	P
Thallium	0.20	50000	P
Vanadium	0.20	25000	P
Zinc	0.20	25000	P

Comments:

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Method: METHOD DS2 8/14/07 ms

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
ICV	07/19/2007	1.00	50
LCSS	07/19/2007	1.00	50
PBS	07/19/2007	1.00	50
SB06	07/19/2007	1.10	50
SB12	07/19/2007	1.17	50
SB12/D	07/19/2007	1.10	50

Comments:

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Method: METHOD HW 3510 Mod

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSW	07/26/2007		50
PBW	07/26/2007		50
SB02W	07/26/2007		50
SB12W	07/26/2007		50

Comments:

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Method: METHOD CS1 8/14/07 KD

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	07/26/2007	1.00	100
MW-BR07	07/26/2007	1.05	100
MW-BR09A	07/26/2007	1.02	100
MW-BR09B	07/26/2007	1.19	100
MW-BR10	07/26/2007	1.40	100
MW-BR12	07/26/2007	1.10	100
MW-BR12D	07/26/2007	1.10	100
MW-BR12S	07/26/2007	1.10	100
PBS	07/26/2007	1.00	100
SB06	07/26/2007	1.45	100
SB12	07/26/2007	1.58	100
SB12/D	07/26/2007	1.26	100

Comments:

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Method: CS1

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
CCB	07/26/2007	0.20	100
CCV	07/26/2007	0.20	100
ICB	07/26/2007	0.20	100
ICV	07/26/2007	0.20	100
S0	07/26/2007	0.20	100
S0.2	07/26/2007	0.20	100
S1.0	07/26/2007	0.20	100
S10.0	07/26/2007	0.20	100
S2.0	07/26/2007	0.20	100
S5.0	07/26/2007	0.20	100
LCSS	07/26/2007	0.20	100
MW-BR07	07/26/2007	0.20	100
MW-BR09A	07/26/2007	0.21	100
MW-BR09B	07/26/2007	0.25	100
MW-BR10	07/26/2007	0.21	100
MW-BR12	07/26/2007	0.20	100
MW-BR12D	07/26/2007	0.20	100
MW-BR12S	07/26/2007	0.20	100
PBS	07/26/2007	0.20	100
SB06	07/26/2007	0.22	100
SB12	07/26/2007	0.22	100
SB12/D	07/26/2007	0.20	100

Comments:

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Method: CS1

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
LCSS	07/26/2007	0.20	100
MW-BR07	07/26/2007	0.20	100
MW-BR09A	07/26/2007	0.21	100
MW-BR09B	07/26/2007	0.25	100
MW-BR10	07/26/2007	0.21	100
MW-BR12	07/26/2007	0.20	100
MW-BR12D	07/26/2007	0.20	100
MW-BR12S	07/26/2007	0.20	100
PBS	07/26/2007	0.20	100
SB06	07/26/2007	0.22	100
SB12	07/26/2007	0.22	100
SB12/D	07/26/2007	0.20	100

Comments:

USEPA - CLP

12-IN

PREPARATION LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Preparation Method: METHOD DS2

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
ICV	07/30/2007	1.00	50
MIDRANGE	07/30/2007	1.00	50
LCSS	07/30/2007	1.01	50
MW-BR07	07/30/2007	1.07	50
MW-BR09A	07/30/2007	1.09	50
MW-BR09B	07/30/2007	1.07	50
MW-BR10	07/30/2007	1.11	50
MW-BR12	07/30/2007	1.06	50
MW-BR12D	07/30/2007	1.06	50
MW-BR12S	07/30/2007	1.06	50
PBS	07/30/2007	1.00	50

Comments:

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: FIMS1 Analysis Method: CV

Start Date: 07/27/2007 End Date: 07/27/2007

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	1.0	0823																X									
S0.2	1.0	0825																X									
S1.0	1.0	0826																X									
S2.0	1.0	0827																X									
S5.0	1.0	0829																X									
S10.0	1.0	0830																X									
ICV	1.0	0832																X									
ICB	1.0	0833																X									
CRI	1.0	0835																X									
CCV	1.0	0836																X									
CCB	1.0	0837																X									
PBS	1.0	0839																X									
LCSS	1.0	0840																X									
ZZZZZZ	1.0	0842																										
ZZZZZZ	1.0	0843																										
ZZZZZZ	1.0	0845																										
CCV	1.0	0846																X									
CCB	1.0	0847																X									
ZZZZZZ	1.0	0849																										
ZZZZZZ	1.0	0850																										
ZZZZZZ	1.0	0852																										
ZZZZZZ	1.0	0853																										
ZZZZZZ	1.0	0854																										
ZZZZZZ	1.0	0856																										
ZZZZZZ	1.0	0857																										
CRI	1.0	0859																X									
CCV	1.0	0900																X									
CCB	1.0	0902																X									
ZZZZZZ	1.0	0903																										
ZZZZZZ	1.0	0905																										
SB06	1.0	0906																X									
SB12	1.0	0907																X									

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: FIMS1 Analysis Method: CV

Start Date: 07/27/2007 End Date: 07/27/2007

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
SB12/D	1.0	0909																X								
MW-BR07	1.0	0910																X								
MW-BR09A	1.0	0912																X								
MW-BR09B	1.0	0913																X								
CCV	1.0	0914																X								
CCB	1.0	0916																X								
MW-BR10	1.0	0917																X								
MW-BR12	1.0	0919																X								
MW-BR12D	1.0	0920																X								
MW-BR12S	1.0	0922																X								
CRI	1.0	0923																X								
CCV	1.0	0924																X								
CCB	1.0	0926																X								

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: FIMS1 Analysis Method: CV

Start Date: 07/27/2007 End Date: 07/27/2007

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	1.0	1111																X									
S0.2	1.0	1113																X									
S1.0	1.0	1114																X									
S2.0	1.0	1116																X									
S5.0	1.0	1117																X									
S10.0	1.0	1118																X									
ICV	1.0	1120																X									
ICB	1.0	1121																X									
CRI	1.0	1123																X									
CCV	1.0	1124																X									
CCB	1.0	1125																X									
PBW	1.0	1127																X									
ZZZZZZ	5.0	1128																									
ZZZZZZ	1.0	1130																									
ZZZZZZ	1.0	1131																									
ZZZZZZ	5.0	1133																									
CCV	1.0	1134																X									
CCB	1.0	1135																X									
ZZZZZZ	5.0	1137																									
ZZZZZZ	5.0	1138																									
ZZZZZZ	1.0	1140																									
ZZZZZZ	1.0	1141																									
SB02W	20.0	1143																X									
SB12W	1.0	1144																X									
CRI	1.0	1145																X									
CCV	1.0	1147																X									
CCB	1.0	1148																X									

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: LACHAT1 Analysis Method: AS

Start Date: 07/20/2007 End Date: 07/20/2007

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
S0.0	1.0	1100																								X
S0.01	1.0	1103																								X
S0.025	1.0	1105																								X
S0.05	1.0	1108																								X
S0.10	1.0	1110																								X
S0.20	1.0	1113																								X
S0.40	1.0	1115																								X
ICV	1.0	1119																								X
ICB	1.0	1122																								X
CRA	1.0	1124																								X
CCV	1.0	1127																								X
CCB	1.0	1129																								X
MIDRANGE	1.0	1132																								X
PBS	1.0	1134																								X
LCSS	10.0	1137																								X
ZZZZZZ	1.0	1139																								
ZZZZZZ	1.0	1142																								
ZZZZZZ	1.0	1144																								
ZZZZZZ	1.0	1147																								
ZZZZZZ	1.0	1149																								
CCV	1.0	1152																								X
CCB	1.0	1154																								X
ZZZZZZ	1.0	1157																								
ZZZZZZ	1.0	1159																								
ZZZZZZ	1.0	1202																								
ZZZZZZ	1.0	1205																								
SB06	1.0	1207																								X
SB12	1.0	1210																								X
SB12/D	1.0	1212																								X
CRA	1.0	1215																								X
CCV	1.0	1217																								X
CCB	1.0	1220																								X

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: LACHAT1 Analysis Method: AS

Start Date: 07/31/2007 End Date: 07/31/2007

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
S0.0	1.0	1044																								X
S0.01	1.0	1047																								X
S0.025	1.0	1049																								X
S0.05	1.0	1052																								X
S0.10	1.0	1055																								X
S0.20	1.0	1057																								X
S0.40	1.0	1100																								X
ICV	1.0	1103																								X
ICB	1.0	1106																								X
CRA	1.0	1108																								X
CCV	1.0	1111																								X
CCB	1.0	1113																								X
MIDRANGE	1.0	1116																								X
PBS	1.0	1118																								X
ZZZZZZ	10.0	1121																								
MW-BR07	1.0	1123																								X
MW-BR09A	1.0	1126																								X
MW-BR09B	1.0	1128																								X
MW-BR10	1.0	1131																								X
MW-BR12	1.0	1133																								X
CCV	1.0	1136																								X
CCB	1.0	1138																								X
MW-BR12D	1.0	1141																								X
MW-BR12S	1.0	1143																								X
ZZZZZZ	1.0	1146																								
CRA	1.0	1149																								X
CCV	1.0	1151																								X
CCB	1.0	1154																								X
ZZZZZZ	1.0	1156																								
ZZZZZZ	10.0	1221																								
ZZZZZZ	1.0	1223																								
ZZZZZZ	1.0	1226																								

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: LACHAT1 Analysis Method: AS

Start Date: 07/31/2007 End Date: 07/31/2007

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	1.0	1228																								
LCSS	10.0	1539																								X
CRA	1.0	1541																								X
CCV	1.0	1544																								X
CCB	1.0	1546																								X

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/02/2007 End Date: 08/02/2007

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	1.0	0630		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
S1	1.0	0634		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ICV	1.0	0637		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ICB	1.0	0640		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
CRI	1.0	0643		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ICSA	1.0	0646		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ICSAB	1.0	0649		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
CCV	1.0	0653		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
CCB	1.0	0656		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ZZZZZZ	1.0	0659																										
ZZZZZZ	1.0	0703																										
ZZZZZZ	1.0	0706																										
ZZZZZZ	1.0	0709																										
ZZZZZZ	1.0	0713																										
ZZZZZZ	1.0	0716																										
ZZZZZZ	1.0	0719																										
ZZZZZZ	1.0	0722																										
ZZZZZZ	1.0	0726																										
ZZZZZZ	1.0	0729																										
CCV	1.0	0732		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
CCB	1.0	0735		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ZZZZZZ	1.0	0738																										
ZZZZZZ	1.0	0741																										
ZZZZZZ	5.0	0745																										
ZZZZZZ	1.0	0748																										
ZZZZZZ	1.0	0751																										
ZZZZZZ	1.0	0754																										
ZZZZZZ	1.0	0758																										
CRI	1.0	0801		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ICSA	1.0	0804		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ICSAB	1.0	0807		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
CCV	1.0	0810		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/02/2007 End Date: 08/02/2007

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
CCB	1.0	0814		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
PBW	1.0	0817		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
LCSW	1.0	0820		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ZZZZZZ	1.0	0823																									
ZZZZZZ	1.0	0826																									
ZZZZZZ	1.0	0829																									
ZZZZZZ	1.0	0833																									
ZZZZZZ	1.0	0837																									
ZZZZZZ	1.0	0840																									
ZZZZZZ	1.0	0843																									
ZZZZZZ	5.0	0846																									
ZZZZZZ	1.0	0849																									
CCV	1.0	0855		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
CCB	1.0	0858		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ZZZZZZ	1.0	0901																									
ZZZZZZ	1.0	0904																									
ZZZZZZ	1.0	0907																									
SB02W	1.0	0911			X	X	X	X	X		X	X	X			X			X		X			X	X		
SB12W	1.0	0914			X	X	X	X	X		X	X	X			X			X		X			X	X		
SB12WL	5.0	0917			X	X	X	X	X		X	X	X			X			X		X			X	X		
CRI	1.0	0920		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ICSA	1.0	0923		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
ICSAB	1.0	0927		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
CCV	1.0	0930		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		
CCB	1.0	0933		X	X	X	X	X	X	X	X	X	X	X		X			X		X			X	X		

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/03/2007 End Date: 08/03/2007

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	1.0	0631		X						X				X													
S1	1.0	0634		X						X				X													
ICV	1.0	0638		X						X				X													
ICB	1.0	0642		X						X				X													
CRI	1.0	0645		X						X				X													
ICSA	1.0	0648		X						X				X													
ICSAB	1.0	0651		X						X				X													
CCV	1.0	0654		X						X				X													
CCB	1.0	0657		X						X				X													
ZZZZZZ	10.0	0700																									
ZZZZZZ	10.0	0704																									
ZZZZZZ	10.0	0707																									
ZZZZZZ	10.0	0710																									
ZZZZZZ	50.0	0714																									
SB02W	10.0	0717		X						X				X													
SB12W	10.0	0720		X						X				X													
ZZZZZZ	5.0	0723																									
ZZZZZZ	5.0	0727																									
CCV	1.0	0730		X						X				X													
CCB	1.0	0733		X						X				X													
ZZZZZZ	3.0	0736																									
ZZZZZZ	3.0	0739																									
ZZZZZZ	3.0	0743																									
CRI	1.0	0746		X						X				X													
ICSA	1.0	0749		X						X				X													
ICSAB	1.0	0752		X						X				X													
CCV	1.0	0755		X						X				X													
CCB	1.0	0759		X						X				X													

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/03/2007 End Date: 08/04/2007

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	1.0	2207		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
S1	1.0	2210		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ICV	1.0	2213		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ICB	1.0	2217		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CRI	1.0	2220		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ICSA	1.0	2223		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ICSAB	1.0	2226		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CCV	1.0	2229		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CCB	1.0	2232		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
PBS	1.0	2236		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
LCSS	1.0	2239		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ZZZZZZ	1.0	2242																									
ZZZZZZ	1.0	2245																									
ZZZZZZ	1.0	2248																									
ZZZZZZ	1.0	2252																									
ZZZZZZ	1.0	2255																									
ZZZZZZ	1.0	2258																									
ZZZZZZ	1.0	2302																									
CCV	1.0	2305		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CCB	1.0	2308		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ZZZZZZ	1.0	2311																									
ZZZZZZ	1.0	2315																									
ZZZZZZ	5.0	2318																									
ZZZZZZ	1.0	2321																									
ZZZZZZ	1.0	2324																									
ZZZZZZ	1.0	2328																									
ZZZZZZ	1.0	2331																									
CRI	1.0	2334		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ICSA	1.0	2337		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ICSAB	1.0	2340		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CCV	1.0	2344		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CCB	1.0	2347		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/03/2007 End Date: 08/04/2007

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
SB06	1.0	2350		X	X	X	X	X	X	X	X	X				X	X		X			X		X	X		
SB12	1.0	2353		X	X	X	X	X	X	X	X	X				X	X		X			X		X	X		
SB12/D	1.0	2357		X	X	X	X	X	X	X	X	X				X	X		X			X		X	X		
MW-BR07	1.0	0000		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
MW-BR09A	1.0	0003		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
MW-BR09B	1.0	0006		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
MW-BR10	1.0	0010		X	X	X	X	X	X	X	X	X				X	X		X			X		X	X		
MW-BR12	1.0	0013		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
MW-BR12D	1.0	0016		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
MW-BR12S	1.0	0019		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CCV	1.0	0023		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CCB	1.0	0026		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
MW-BR12L	5.0	0029		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
MW-BR12A	1.0	0032			X																						
ZZZZZZ	50.0	0036																									
ZZZZZZ	50.0	0039																									
ZZZZZZ	50.0	0042																									
ZZZZZZ	250.0	0045																									
CRI	1.0	0048		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ICSA	1.0	0051		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
ICSAB	1.0	0055		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CCV	1.0	0058		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
CCB	1.0	0101		X	X	X	X	X	X	X	X	X		X		X	X		X			X		X	X		
PBW	1.0	0104																				X					
LCSW	1.0	0107																				X					
ZZZZZZ	1.0	0110																									
ZZZZZZ	1.0	0114																									
ZZZZZZ	1.0	0117																									
ZZZZZZ	1.0	0120																									
ZZZZZZ	1.0	0124																									
ZZZZZZ	1.0	0127																									
ZZZZZZ	1.0	0130																									

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/03/2007 End Date: 08/04/2007

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
CCV	1.0	0133																			X					
CCB	1.0	0136																			X					
ZZZZZZ	1.0	0139																								
ZZZZZZ	1.0	0142																								
ZZZZZZ	1.0	0145																								
ZZZZZZ	5.0	0148																								
ZZZZZZ	1.0	0151																								
ZZZZZZ	1.0	0154																								
ZZZZZZ	1.0	0157																								
CRI	1.0	0201																			X					
ICSA	1.0	0204																			X					
ICSAB	1.0	0207																			X					
CCV	1.0	0210																			X					
CCB	1.0	0213																			X					
SB02W	1.0	0216																			X					
SB12W	1.0	0219																			X					
SB12WL	5.0	0222																			X					
ZZZZZZ	1.0	0225																								
CRI	1.0	0228																			X					
ICSA	1.0	0232																			X					
ICSAB	1.0	0235																			X					
CCV	1.0	0238																			X					
CCB	1.0	0241																			X					

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/03/2007 End Date: 08/03/2007

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	1.0	0631															X									X	
S1	1.0	0634															X									X	
ICV	1.0	0638															X									X	
ICB	1.0	0642															X									X	
CRI	1.0	0645															X									X	
ICSA	1.0	0648															X									X	
ICSAB	1.0	0651															X									X	
CCV	1.0	0654															X									X	
CCB	1.0	0657															X									X	
ZZZZZZ	10.0	0700																									
ZZZZZZ	10.0	0704																									
ZZZZZZ	10.0	0707																									
ZZZZZZ	10.0	0710																									
ZZZZZZ	50.0	0714																									
SB02W	10.0	0717																								X	
SB12W	10.0	0720															X										
ZZZZZZ	1.0	0723																									
ZZZZZZ	1.0	0727																									
CCV	1.0	0730															X									X	
CCB	1.0	0733															X									X	
ZZZZZZ	1.0	0736																									
ZZZZZZ	1.0	0739																									
ZZZZZZ	1.0	0743																									
CRI	1.0	0746															X									X	
ICSA	1.0	0749															X									X	
ICSAB	1.0	0752															X									X	
CCV	1.0	0755															X									X	
CCB	1.0	0759															X									X	

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/06/2007 End Date: 08/06/2007

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	1.0	1018												X	X												
S1	1.0	1022												X	X												
ICV	1.0	1025												X	X												
ICB	1.0	1028												X	X												
CRI	1.0	1032												X	X												
ICSA	1.0	1035												X	X												
ICSAB	1.0	1038												X	X												
CCV	1.0	1041												X	X												
CCB	1.0	1045												X	X												
PBS	1.0	1048													X												
LCSS	1.0	1051													X												
ZZZZZZ	5.0	1054																									
ZZZZZZ	5.0	1057																									
ZZZZZZ	1.0	1100																									
ZZZZZZ	5.0	1104																									
ZZZZZZ	10.0	1107																									
ZZZZZZ	5.0	1110																									
ZZZZZZ	1.0	1113																									
CCV	1.0	1116												X	X												
CCB	1.0	1119												X	X												
ZZZZZZ	1.0	1123																									
ZZZZZZ	1.0	1126																									
ZZZZZZ	5.0	1130																									
ZZZZZZ	1.0	1133																									
ZZZZZZ	1.0	1136																									
ZZZZZZ	1.0	1139																									
ZZZZZZ	10.0	1142																									
CRI	1.0	1146												X	X												
ICSA	1.0	1149												X	X												
ICSAB	1.0	1152												X	X												
CCV	1.0	1155												X	X												
CCB	1.0	1158												X	X												

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/06/2007 End Date: 08/06/2007

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
SB06	1.0	1202													X											
SB12	1.0	1205													X											
SB12/D	1.0	1208													X											
MW-BR07	5.0	1212													X											
MW-BR09A	1.0	1215													X											
MW-BR09B	1.0	1218													X											
MW-BR10	1.0	1221													X											
MW-BR12	1.0	1225													X											
MW-BR12D	1.0	1228													X											
MW-BR12S	1.0	1231													X											
CCV	1.0	1234												X	X											
CCB	1.0	1238												X	X											
MW-BR12L	5.0	1241													X											
MW-BR12A	1.0	1244													X											
PBW	1.0	1248													X											
LCSW	1.0	1251													X											
ZZZZZZ	100.0	1255																								
ZZZZZZ	20.0	1258																								
ZZZZZZ	20.0	1301																								
CRI	1.0	1304												X	X											
ICSA	1.0	1307												X	X											
ICSAB	1.0	1310												X	X											
CCV	1.0	1313												X	X											
CCB	1.0	1317												X	X											
ZZZZZZ	100.0	1320																								
ZZZZZZ	100.0	1323																								
ZZZZZZ	100.0	1327																								
ZZZZZZ	500.0	1330																								
ZZZZZZ	1.0	1333																								
ZZZZZZ	1.0	1336																								
SB02W	100.0	1340													X											
SB12W	5.0	1343													X											

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/06/2007 End Date: 08/06/2007

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
SB12WL	25.0	1346													X												
CCV	1.0	1349												X	X												
CCB	1.0	1353												X	X												
SB06	5.0	1356												X													
SB12	5.0	1359												X													
SB12/D	5.0	1403												X													
MW-BR10	5.0	1406												X													
CRI	1.0	1409												X	X												
ICSA	1.0	1412												X	X												
ICSAB	1.0	1415												X	X												
CCV	1.0	1418												X	X												
CCB	1.0	1421												X	X												

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/08/2007 End Date: 08/08/2007

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	1.0	0841																		X			X				
S1	1.0	0844																		X			X				
ICV	1.0	0846																		X			X				
ICB	1.0	0848																		X			X				
ICSA	1.0	0851																		X			X				
ICSAB	1.0	0853																		X			X				
CCV	1.0	0855																		X			X				
CCB	1.0	0858																		X			X				
PBS	1.0	0900																		X			X				
LCSS	1.0	0902																		X			X				
SB06	1.0	0905																		X			X				
SB12	1.0	0907																		X			X				
SB12/D	1.0	0909																		X			X				
MW-BR07	1.0	0912																		X			X				
MW-BR09A	1.0	0914																		X			X				
MW-BR09B	1.0	0916																		X			X				
MW-BR10	1.0	0919																		X			X				
MW-BR12	1.0	0921																		X			X				
CCV	1.0	0923																		X			X				
CCB	1.0	0926																		X			X				
MW-BR12D	1.0	0928																		X			X				
MW-BR12L	5.0	0930																		X			X				
PBW	1.0	0933																		X			X				
LCSW	1.0	0935																		X			X				
SB02W	1.0	0937																		X			X				
SB12W	1.0	0940																		X			X				
SB12WL	5.0	0942																		X			X				
ICSA	1.0	0944																		X			X				
ICSAB	1.0	0947																		X			X				
CCV	1.0	0949																		X			X				
CCB	1.0	0951																		X			X				

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/08/2007 End Date: 08/08/2007

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	1.0	1811											X								X					X	
S1	1.0	1814											X								X					X	
ICV	1.0	1818											X								X					X	
ICB	1.0	1821											X								X					X	
CRI	1.0	1825											X								X					X	
ICSA	1.0	1828											X								X					X	
ICSAB	1.0	1831											X								X					X	
CCV	1.0	1834											X								X					X	
CCB	1.0	1837											X								X					X	
PBS	1.0	1841											X								X					X	
LCSS	1.0	1844											X								X					X	
SB06	1.0	1847											X								X					X	
SB12	1.0	1850											X								X					X	
SB12/D	1.0	1854											X								X					X	
MW-BR07	1.0	1857											X								X					X	
MW-BR09A	1.0	1900											X								X					X	
MW-BR09B	1.0	1903											X								X					X	
MW-BR10	1.0	1907											X								X					X	
ZZZZZZ	1.0	1910																										
CCV	1.0	1913											X								X					X	
CCB	1.0	1916											X								X					X	
MW-BR12	1.0	1920											X								X					X	
MW-BR12D	1.0	1923											X								X					X	
MW-BR12S	1.0	1926											X								X					X	
MW-BR12L	5.0	1930											X								X					X	
ZZZZZZ	1.0	1933																										
ZZZZZZ	1.0	1936																										
ZZZZZZ	1.0	1941																										
CRI	1.0	1945											X								X					X	
ICSA	1.0	1948											X								X					X	
ICSAB	1.0	1951											X								X					X	
CCV	1.0	1954											X								X					X	

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/08/2007 End Date: 08/08/2007

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
CCB	1.0	1957											X								X					X	

USEPA - CLP

13-IN

ANALYSIS RUN LOG

Lab Name: Mitkem Corporation Contract: 002699.ID09.03

Lab Code: MITKEM Case No.: NRAS No.: SDG No.: MF0981

Instrument ID: OPTIMA3 Analysis Method: P

Start Date: 08/13/2007 End Date: 08/13/2007

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	1.0	0629															X									X	
S1	1.0	0633															X									X	
ICV	1.0	0636															X									X	
ICB	1.0	0639															X									X	
CRI	1.0	0643															X									X	
ICSA	1.0	0646															X									X	
ICSAB	1.0	0649															X									X	
CCV	1.0	0653															X									X	
CCB	1.0	0656															X									X	
PBW	1.0	0659															X									X	
LCSW	1.0	0703															X									X	
ZZZZZZ	1.0	0706																									
ZZZZZZ	1.0	0709																									
ZZZZZZ	1.0	0712																									
ZZZZZZ	5.0	0715																									
ZZZZZZ	1.0	0718																									
ZZZZZZ	1.0	0722																									
CCV	1.0	0726															X									X	
CCB	1.0	0729															X									X	
SB02W	1.0	0733															X										
SB12W	1.0	0735																								X	
SB12WL	5.0	0738																								X	
ZZZZZZ	1.0	0741																									
ZZZZZZ	1.0	0745																									
ZZZZZZ	1.0	0749																									
CRI	1.0	0758															X									X	
ICSA	1.0	0801															X									X	
ICSAB	1.0	0804															X									X	
CCV	1.0	0807															X									X	
CCB	1.0	0810															X									X	

Instrument Raw Data

- [x] ICP
- [x] Mercury
- [x] Cyanide

Reprocessing Begun
Logged In Analyst: optima3 Technique: ICP Continuous

Results Data Set (original): B07080201
Results Library (original): C:\pe\Administrator\Results\Results.mdb
Results Data Set (reprocessed): B07080201A
Results Library (reprocessed): C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1 Autosampler Location: 1
Sample ID: S0 Date Collected: 8/2/2007 6:30:39 AM
Analyst: Data Type: Reprocessed on 8/2/2007 10:40:34 AM
Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-21.6	55.33	256.39%	[0.00]	mg/L
Al 308.215	4857.7	58.77	1.21%	[0.00]	mg/L
As 188.979	0.6	0.28	47.90%	[0.00]	mg/L
Ba 233.527	-22.3	2.93	13.13%	[0.00]	mg/L
Be 313.107	-1508.0	44.82	2.97%	[0.00]	mg/L
Co 228.616	-7.4	0.79	10.68%	[0.00]	mg/L
Cr 267.716	-18.7	2.42	12.94%	[0.00]	mg/L
Cu 324.752	785.7	9.10	1.16%	[0.00]	mg/L
Fe 273.955	-108.2	6.26	5.79%	[0.00]	mg/L
Mg 279.077	-172.4	55.23	32.03%	[0.00]	mg/L
Mn 257.610	59.5	2.40	4.04%	[0.00]	mg/L
Ni 231.604	-5.8	1.27	21.95%	[0.00]	mg/L
Pb 220.353	40.0	3.88	9.69%	[0.00]	mg/L
Sb 206.836	11.5	0.84	7.27%	[0.00]	mg/L
Se 196.026	0.2	1.33	769.52%	[0.00]	mg/L
Tl 190.801	-4.0	0.45	11.40%	[0.00]	mg/L
V 292.402	-36.2	37.75	104.20%	[0.00]	mg/L
Zn 206.200	171.3	4.40	2.57%	[0.00]	mg/L
Na 330.237	-85.6	170.12	198.82%	[0.00]	mg/L
Cd 226.502	-27.3	1.10	4.03%	[0.00]	mg/L
Ti 334.940	-75.1	5.40	7.20%	[0.00]	mg/L
Ca 227.546	68.8	2.79	4.05%	[0.00]	mg/L

Sequence No.: 2 Autosampler Location: 9
Sample ID: S1 Date Collected: 8/2/2007 6:34:01 AM
Analyst: Data Type: Reprocessed on 8/2/2007 10:40:35 AM
Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	344659.0	1425.22	0.41%	[2.5]	mg/L
Al 308.215	696751.3	2775.64	0.40%	[20]	mg/L
As 188.979	822.8	2.40	0.29%	[1]	mg/L
Ba 233.527	1982259.1	9210.52	0.46%	[20]	mg/L
Be 313.107	1188132.8	4667.37	0.39%	[0.5]	mg/L
Co 228.616	138483.4	405.09	0.29%	[5]	mg/L
Cr 267.716	101170.8	1000.36	0.99%	[2]	mg/L
Cu 324.752	743151.9	4483.95	0.60%	[2.5]	mg/L
Fe 273.955	354635.2	512.69	0.14%	[10]	mg/L
Mg 279.077	1278337.8	4818.05	0.38%	[50]	mg/L
Mn 257.610	3214077.1	11901.04	0.37%	[5]	mg/L
Ni 231.604	107577.3	802.30	0.75%	[5]	mg/L
Pb 220.353	5189.3	15.61	0.30%	[1]	mg/L
Sb 206.836	1084.8	7.51	0.69%	[1]	mg/L

Se 196.026	702.8	0.79	0.11%	[1] mg/L
Tl 190.801	1337.7	5.04	0.38%	[1] mg/L
V 292.402	523490.1	1779.17	0.34%	[5] mg/L
Zn 206.200	128419.3	504.99	0.39%	[5] mg/L
Na 330.237	74527.7	378.17	0.51%	[50] mg/L
Cd 226.502	23872.9	16.64	0.07%	[0.5] mg/L
Ti 334.940	904382.8	4394.85	0.49%	[1] mg/L
Ca 227.546	13310.1	13.29	0.10%	[50] mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin Thru 0	0.0	137900	0.00000	1.000000	
Al 308.215	1	Lin Thru 0	0.0	34840	0.00000	1.000000	
As 188.979	1	Lin Thru 0	0.0	822.8	0.00000	1.000000	
Ba 233.527	1	Lin Thru 0	0.0	99110	0.00000	1.000000	
Be 313.107	1	Lin Thru 0	0.0	2376000	0.00000	1.000000	
Co 228.616	1	Lin Thru 0	0.0	27700	0.00000	1.000000	
Cr 267.716	1	Lin Thru 0	0.0	50590	0.00000	1.000000	
Cu 324.752	1	Lin Thru 0	0.0	297300	0.00000	1.000000	
Fe 273.955	1	Lin Thru 0	0.0	35460	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	25570	0.00000	1.000000	
Mn 257.610	1	Lin Thru 0	0.0	642800	0.00000	1.000000	
Ni 231.604	1	Lin Thru 0	0.0	21520	0.00000	1.000000	
Pb 220.353	1	Lin Thru 0	0.0	5189	0.00000	1.000000	
Sb 206.836	1	Lin Thru 0	0.0	1085	0.00000	1.000000	
Se 196.026	1	Lin Thru 0	0.0	702.8	0.00000	1.000000	
Tl 190.801	1	Lin Thru 0	0.0	1338	0.00000	1.000000	
V 292.402	1	Lin Thru 0	0.0	104700	0.00000	1.000000	
Zn 206.200	1	Lin Thru 0	0.0	25680	0.00000	1.000000	
Na 330.237	1	Lin Thru 0	0.0	1491	0.00000	1.000000	
Cd 226.502	1	Lin Thru 0	0.0	47750	0.00000	1.000000	
Ti 334.940	1	Lin Thru 0	0.0	904400	0.00000	1.000000	
Ca 227.546	1	Lin Thru 0	0.0	266.2	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 8/2/2007 6:37:15 AM
Data Type: Reprocessed on 8/2/2007 10:40:36 AM
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
Ag 328.068	251068.0	1.7758	mg/L	0.01325	1.7758	mg/L	0.01325	0.75%
Al 308.215	506712.2	14.516	mg/L	0.0828	14.516	mg/L	0.0828	0.57%
As 188.979	613.3	0.7673	mg/L	0.00086	0.7673	mg/L	0.00086	0.11%
Ba 233.527	1503022.5	15.169	mg/L	0.0352	15.169	mg/L	0.0352	0.23%
Be 313.107	875855.4	0.3687	mg/L	0.00298	0.3687	mg/L	0.00298	0.81%
Co 228.616	103289.9	3.7314	mg/L	0.01461	3.7314	mg/L	0.01461	0.39%
Cr 267.716	75706.4	1.4956	mg/L	0.00583	1.4956	mg/L	0.00583	0.39%
Cu 324.752	543443.0	1.8294	mg/L	0.00242	1.8294	mg/L	0.00242	0.13%
Fe 273.955	263271.3	7.6819	mg/L	0.01759	7.6819	mg/L	0.01759	0.23%
Mg 279.077	941441.2	36.867	mg/L	0.2097	36.867	mg/L	0.2097	0.57%
Mn 257.610	2388662.7	3.7161	mg/L	0.02624	3.7161	mg/L	0.02624	0.71%
Ni 231.604	80069.7	3.7221	mg/L	0.00747	3.7221	mg/L	0.00747	0.20%
Pb 220.353	3835.7	0.7401	mg/L	0.00019	0.7401	mg/L	0.00019	0.03%
Sb 206.836	838.8	0.7290	mg/L	0.00442	0.7290	mg/L	0.00442	0.61%
Se 196.026	515.0	0.7324	mg/L	0.00933	0.7324	mg/L	0.00933	1.27%
Tl 190.801	999.9	0.7509	mg/L	0.00130	0.7509	mg/L	0.00130	0.17%
V 292.402	389483.7	3.7230	mg/L	0.04099	3.7230	mg/L	0.04099	1.10%
Zn 206.200	96154.2	3.7516	mg/L	0.00560	3.7516	mg/L	0.00560	0.15%
Na 330.237	53555.3	35.836	mg/L	0.0581	35.836	mg/L	0.0581	0.16%
Cd 226.502	17714.3	0.3723	mg/L	0.00176	0.3723	mg/L	0.00176	0.47%
Ti 334.940	778.9	0.0011	mg/L	0.00003	0.0011	mg/L	0.00003	2.89%
Ca 227.546	9891.1	36.753	mg/L	0.0374	36.753	mg/L	0.0374	0.10%

Sequence No.: 4
Sample ID: ICB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/2/2007 6:40:29 AM
Data Type: Reprocessed on 8/2/2007 10:40:36 AM

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
Ag 328.068	581.1	0.0042	mg/L	0.00001	0.0042	mg/L	0.00001	0.34%
Al 308.215	0.6	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	115.45%
As 188.979	1.0	0.0012	mg/L	0.00135	0.0012	mg/L	0.00135	113.63%
Ba 233.527	117.1	0.0012	mg/L	0.00021	0.0012	mg/L	0.00021	18.08%
Be 313.107	112.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	15.34%
Co 228.616	14.8	0.0005	mg/L	0.00001	0.0005	mg/L	0.00001	2.59%
Cr 267.716	5.0	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	51.02%
Cu 324.752	120.3	0.0004	mg/L	0.00003	0.0004	mg/L	0.00003	7.73%
Fe 273.955	56.6	0.0016	mg/L	0.00233	0.0016	mg/L	0.00233	147.71%
Mg 279.077	93.9	0.0037	mg/L	0.00142	0.0037	mg/L	0.00142	38.76%
Mn 257.610	188.2	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	35.20%
Ni 231.604	6.8	0.0003	mg/L	0.00033	0.0003	mg/L	0.00033	103.99%
Pb 220.353	0.8	0.0002	mg/L	0.00013	0.0002	mg/L	0.00013	77.94%
Sb 206.836	-2.5	-0.0023	mg/L	0.00090	-0.0023	mg/L	0.00090	38.94%
Se 196.026	2.1	0.0030	mg/L	0.00211	0.0030	mg/L	0.00211	69.92%
Tl 190.801	0.5	0.0003	mg/L	0.00257	0.0003	mg/L	0.00257	743.15%
V 292.402	41.9	0.0004	mg/L	0.00023	0.0004	mg/L	0.00023	57.44%
Zn 206.200	39.4	0.0015	mg/L	0.00029	0.0015	mg/L	0.00029	18.69%
Na 330.237	-118.0	-0.0792	mg/L	0.01270	-0.0792	mg/L	0.01270	16.04%
Cd 226.502	5.4	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	38.95%
Ti 334.940	1.7	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	>999.9%
Ca 227.546	-1.6	-0.0060	mg/L	0.00889	-0.0060	mg/L	0.00889	147.16%

Sequence No.: 5
Sample ID: CRI
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/2/2007 6:43:35 AM
Data Type: Reprocessed on 8/2/2007 10:40:37 AM

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
Ag 328.068	1941.3	0.0138	mg/L	0.00004	0.0138	mg/L	0.00004	0.30%
Al 308.215	7029.9	0.2014	mg/L	0.00318	0.2014	mg/L	0.00318	1.58%
As 188.979	9.0	0.0111	mg/L	0.00008	0.0111	mg/L	0.00008	0.74%
Ba 233.527	22542.7	0.2275	mg/L	0.00271	0.2275	mg/L	0.00271	1.19%
Be 313.107	12317.5	0.0052	mg/L	0.00007	0.0052	mg/L	0.00007	1.32%
Co 228.616	1508.0	0.0548	mg/L	0.00004	0.0548	mg/L	0.00004	0.08%
Cr 267.716	533.5	0.0106	mg/L	0.00005	0.0106	mg/L	0.00005	0.44%
Cu 324.752	7646.2	0.0259	mg/L	0.00058	0.0259	mg/L	0.00058	2.25%
Fe 273.955	3802.2	0.1334	mg/L	0.00163	0.1334	mg/L	0.00163	1.22%
Mg 279.077	136334.7	5.3327	mg/L	0.05101	5.3327	mg/L	0.05101	0.96%
Mn 257.610	10698.0	0.0166	mg/L	0.00017	0.0166	mg/L	0.00017	1.04%
Ni 231.604	942.0	0.0439	mg/L	0.00014	0.0439	mg/L	0.00014	0.33%
Pb 220.353	53.8	0.0104	mg/L	0.00007	0.0104	mg/L	0.00007	0.69%
Sb 206.836	74.6	0.0687	mg/L	0.00020	0.0687	mg/L	0.00020	0.29%
Se 196.026	26.7	0.0376	mg/L	0.00659	0.0376	mg/L	0.00659	17.50%
Tl 190.801	37.9	0.0284	mg/L	0.00105	0.0284	mg/L	0.00105	3.70%
V 292.402	5592.5	0.0534	mg/L	0.00061	0.0534	mg/L	0.00061	1.13%
Zn 206.200	1702.3	0.0664	mg/L	0.00021	0.0664	mg/L	0.00021	0.32%
Na 330.237	6035.5	4.0389	mg/L	0.10049	4.0389	mg/L	0.10049	2.49%
Cd 226.502	266.7	0.0056	mg/L	0.00002	0.0056	mg/L	0.00002	0.33%
Ti 334.940	-70.8	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	241.14%
Ca 227.546	1320.8	4.9557	mg/L	0.04504	4.9557	mg/L	0.04504	0.91%

Sequence No.: 6
Sample ID: ICSA
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/2/2007 6:46:39 AM
Data Type: Reprocessed on 8/2/2007 10:40:37 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Ag 328.068	83.5	-0.0009	mg/L	0.00004	-0.0009	mg/L	0.00004	4.25%
Al 308.215	15628397.0	448.61	mg/L	0.214	448.61	mg/L	0.214	0.05%
As 188.979	-12.4	-0.0050	mg/L	0.00010	-0.0050	mg/L	0.00010	2.07%
Ba 233.527	272.1	0.0016	mg/L	0.00011	0.0016	mg/L	0.00011	7.20%
Be 313.107	126.8	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	9.24%
Co 228.616	94.9	0.0336	mg/L	0.00003	0.0336	mg/L	0.00003	0.09%
Cr 267.716	-138.6	-0.0079	mg/L	0.00003	-0.0079	mg/L	0.00003	0.32%
Cu 324.752	-4869.8	-0.0036	mg/L	0.00028	-0.0036	mg/L	0.00028	7.72%
Fe 273.955	5882460.6	170.47	mg/L	0.254	170.47	mg/L	0.254	0.15%
Mg 279.077	11043032.0	431.85	mg/L	0.744	431.85	mg/L	0.744	0.17%
Mn 257.610	1284.1	0.0020	mg/L	0.00002	0.0020	mg/L	0.00002	1.01%
Saturated outside survey window (code 6)								
Ni 231.604	42.0	0.0239	mg/L	0.00017	0.0239	mg/L	0.00017	0.71%
Pb 220.353	-155.0	0.0025	mg/L	0.00019	0.0025	mg/L	0.00019	7.55%
Sb 206.836	-13.9	-0.0072	mg/L	0.00526	-0.0072	mg/L	0.00526	73.28%
Se 196.026	-29.0	-0.0029	mg/L	0.01519	-0.0029	mg/L	0.01519	528.28%
Tl 190.801	-14.7	0.0034	mg/L	0.00071	0.0034	mg/L	0.00071	21.22%
V 292.402	-461.4	-0.0016	mg/L	0.00000	-0.0016	mg/L	0.00000	0.01%
Zn 206.200	255.6	0.0048	mg/L	0.00009	0.0048	mg/L	0.00009	1.82%
Na 330.237	583.5	-0.3982	mg/L	0.15174	-0.3982	mg/L	0.15174	38.11%
Cd 226.502	452.7	0.0004	mg/L	0.00010	0.0004	mg/L	0.00010	27.15%
Ti 334.940	-4992.4	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	25.22%
Ca 227.546	127987.8	477.20	mg/L	1.966	477.20	mg/L	1.966	0.41%

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/2/2007 6:49:54 AM
Data Type: Reprocessed on 8/2/2007 10:40:38 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Ag 328.068	26789.9	0.1883	mg/L	0.00379	0.1883	mg/L	0.00379	2.01%
Al 308.215	15478141.4	444.29	mg/L	0.468	444.29	mg/L	0.468	0.11%
As 188.979	63.3	0.0936	mg/L	0.00028	0.0936	mg/L	0.00028	0.30%
Ba 233.527	47349.5	0.4771	mg/L	0.00390	0.4771	mg/L	0.00390	0.82%
Be 313.107	1039508.0	0.4375	mg/L	0.00578	0.4375	mg/L	0.00578	1.32%
Co 228.616	11301.0	0.4388	mg/L	0.00169	0.4388	mg/L	0.00169	0.39%
Cr 267.716	22074.4	0.4312	mg/L	0.00779	0.4312	mg/L	0.00779	1.81%
Cu 324.752	136363.3	0.4718	mg/L	0.00397	0.4718	mg/L	0.00397	0.84%
Fe 273.955	5841820.4	169.34	mg/L	0.198	169.34	mg/L	0.198	0.12%
Mg 279.077	10938704.1	427.78	mg/L	0.510	427.78	mg/L	0.510	0.12%
Mn 257.610	289446.0	0.4503	mg/L	0.00377	0.4503	mg/L	0.00377	0.84%
Ni 231.604	17275.6	0.8249	mg/L	0.00305	0.8249	mg/L	0.00305	0.37%
Pb 220.353	73.3	0.0463	mg/L	0.00264	0.0463	mg/L	0.00264	5.69%
Sb 206.836	633.3	0.5754	mg/L	0.00353	0.5754	mg/L	0.00353	0.61%
Se 196.026	3.7	0.0426	mg/L	0.00677	0.0426	mg/L	0.00677	15.89%
Tl 190.801	99.2	0.0887	mg/L	0.00631	0.0887	mg/L	0.00631	7.12%
V 292.402	46212.5	0.4450	mg/L	0.00695	0.4450	mg/L	0.00695	1.56%
Zn 206.200	21696.5	0.8419	mg/L	0.00988	0.8419	mg/L	0.00988	1.17%
Na 330.237	1562.7	0.2334	mg/L	0.03445	0.2334	mg/L	0.03445	14.76%
Cd 226.502	41315.1	0.8566	mg/L	0.00940	0.8566	mg/L	0.00940	1.10%
Ti 334.940	-5031.1	0.0002	mg/L	0.00000	0.0002	mg/L	0.00000	0.23%
Ca 227.546	130488.5	486.57	mg/L	3.834	486.57	mg/L	3.834	0.79%

Sequence No.: 8
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/2/2007 6:53:07 AM
Data Type: Reprocessed on 8/2/2007 10:40:38 AM

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.	RSD
Ag 328.068	171585.1	1.2139	mg/L	0.02369	1.2139	mg/L	0.02369	1.95%
Al 308.215	346602.1	9.9295	mg/L	0.11284	9.9295	mg/L	0.11284	1.14%
As 188.979	418.9	0.5242	mg/L	0.00860	0.5242	mg/L	0.00860	1.64%
Ba 233.527	1038073.5	10.477	mg/L	0.0727	10.477	mg/L	0.0727	0.69%
Be 313.107	594505.5	0.2503	mg/L	0.00037	0.2503	mg/L	0.00037	0.15%
Co 228.616	71329.0	2.5768	mg/L	0.03780	2.5768	mg/L	0.03780	1.47%
Cr 267.716	52199.0	1.0312	mg/L	0.02063	1.0312	mg/L	0.02063	2.00%
Cu 324.752	369621.3	1.2442	mg/L	0.01092	1.2442	mg/L	0.01092	0.88%
Fe 273.955	183572.5	5.3528	mg/L	0.06342	5.3528	mg/L	0.06342	1.18%
Mg 279.077	646987.3	25.336	mg/L	0.1598	25.336	mg/L	0.1598	0.63%
Mn 257.610	1636308.3	2.5456	mg/L	0.01524	2.5456	mg/L	0.01524	0.60%
Ni 231.604	55560.5	2.5828	mg/L	0.04450	2.5828	mg/L	0.04450	1.72%
Pb 220.353	2627.6	0.5070	mg/L	0.00354	0.5070	mg/L	0.00354	0.70%
Sb 206.836	564.6	0.4899	mg/L	0.00158	0.4899	mg/L	0.00158	0.32%
Se 196.026	353.7	0.5031	mg/L	0.00276	0.5031	mg/L	0.00276	0.55%
Tl 190.801	682.5	0.5126	mg/L	0.00306	0.5126	mg/L	0.00306	0.60%
V 292.402	263432.0	2.5181	mg/L	0.01131	2.5181	mg/L	0.01131	0.45%
Zn 206.200	66967.1	2.6128	mg/L	0.04584	2.6128	mg/L	0.04584	1.75%
Na 330.237	35369.3	23.665	mg/L	0.3197	23.665	mg/L	0.3197	1.35%
Cd 226.502	12198.2	0.2564	mg/L	0.00433	0.2564	mg/L	0.00433	1.69%
Ti 334.940	519.0	0.0008	mg/L	0.00005	0.0008	mg/L	0.00005	6.15%
Ca 227.546	6745.0	25.059	mg/L	0.0386	25.059	mg/L	0.0386	0.15%

Sequence No.: 9
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/2/2007 6:56:19 AM
Data Type: Reprocessed on 8/2/2007 10:40:39 AM

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.	RSD
Ag 328.068	-4.0	0.0000	mg/L	0.00035	0.0000	mg/L	0.00035	>999.9%
Al 308.215	452.2	0.0130	mg/L	0.00132	0.0130	mg/L	0.00132	10.19%
As 188.979	-3.8	-0.0046	mg/L	0.00044	-0.0046	mg/L	0.00044	9.68%
Ba 233.527	115.2	0.0012	mg/L	0.00013	0.0012	mg/L	0.00013	11.18%
Be 313.107	86.2	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	48.10%
Co 228.616	15.1	0.0005	mg/L	0.00016	0.0005	mg/L	0.00016	29.07%
Cr 267.716	-1.3	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	136.46%
Cu 324.752	137.8	0.0005	mg/L	0.00003	0.0005	mg/L	0.00003	6.43%
Fe 273.955	218.7	0.0061	mg/L	0.00068	0.0061	mg/L	0.00068	11.06%
Mg 279.077	404.5	0.0158	mg/L	0.00158	0.0158	mg/L	0.00158	10.01%
Mn 257.610	139.5	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	11.76%
Ni 231.604	6.6	0.0003	mg/L	0.00045	0.0003	mg/L	0.00045	147.55%
Pb 220.353	0.2	0.0000	mg/L	0.00092	0.0000	mg/L	0.00092	>999.9%
Sb 206.836	-0.1	-0.0001	mg/L	0.00015	-0.0001	mg/L	0.00015	137.39%
Se 196.026	1.0	0.0015	mg/L	0.00384	0.0015	mg/L	0.00384	256.92%
Tl 190.801	-1.2	-0.0009	mg/L	0.00105	-0.0009	mg/L	0.00105	112.79%
V 292.402	16.0	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	35.91%
Zn 206.200	-4.8	-0.0002	mg/L	0.00005	-0.0002	mg/L	0.00005	26.51%
Na 330.237	-138.3	-0.0927	mg/L	0.02933	-0.0927	mg/L	0.02933	31.63%
Cd 226.502	8.5	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002	12.91%
Ti 334.940	52.8	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	77.41%
Ca 227.546	-6.9	-0.0262	mg/L	0.01186	-0.0262	mg/L	0.01186	45.32%

Sequence No.: 10

Autosampler Location: 102

Sample ID: MB-31386,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Date Collected: 8/2/2007 6:59:25 AM
Data Type: Reprocessed on 8/2/2007 10:40:39 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Ag 328.068	59.2	0.0004	mg/L	0.00056	0.0004	mg/L	0.00056	128.73%
Al 308.215	863.8	0.0248	mg/L	0.00045	0.0248	mg/L	0.00045	1.83%
As 188.979	-3.1	-0.0037	mg/L	0.00118	-0.0037	mg/L	0.00118	31.42%
Ba 233.527	154.8	0.0016	mg/L	0.00007	0.0016	mg/L	0.00007	4.38%
Be 313.107	-12.8	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	46.18%
Co 228.616	1.9	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	89.92%
Cr 267.716	84.0	0.0017	mg/L	0.00016	0.0017	mg/L	0.00016	9.66%
Cu 324.752	7682.2	0.0258	mg/L	0.00046	0.0258	mg/L	0.00046	1.77%
Fe 273.955	1923.7	0.0550	mg/L	0.00036	0.0550	mg/L	0.00036	0.66%
Mg 279.077	489.6	0.0192	mg/L	0.00176	0.0192	mg/L	0.00176	9.19%
Mn 257.610	1966.6	0.0031	mg/L	0.00005	0.0031	mg/L	0.00005	1.79%
Ni 231.604	18.9	0.0009	mg/L	0.00001	0.0009	mg/L	0.00001	1.20%
Pb 220.353	43.5	0.0084	mg/L	0.00170	0.0084	mg/L	0.00170	20.31%
Sb 206.836	4.5	0.0041	mg/L	0.00088	0.0041	mg/L	0.00088	21.43%
Se 196.026	0.6	0.0008	mg/L	0.00140	0.0008	mg/L	0.00140	168.33%
Tl 190.801	-3.2	-0.0024	mg/L	0.00193	-0.0024	mg/L	0.00193	81.73%
V 292.402	10.8	0.0001	mg/L	0.00015	0.0001	mg/L	0.00015	140.07%
Zn 206.200	790.6	0.0308	mg/L	0.00002	0.0308	mg/L	0.00002	0.08%
Na 330.237	516.3	0.3462	mg/L	0.12737	0.3462	mg/L	0.12737	36.79%
Cd 226.502	4.8	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012	125.59%
Ti 334.940	392.2	0.0004	mg/L	0.00001	0.0004	mg/L	0.00001	1.90%
Ca 227.546	42.6	0.1586	mg/L	0.05534	0.1586	mg/L	0.05534	34.90%

Sequence No.: 11
Sample ID: MB-31386,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 102
Date Collected: 8/2/2007 7:03:06 AM
Data Type: Reprocessed on 8/2/2007 10:40:40 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Ag 328.068	-23.9	-0.0002	mg/L	0.00034	-0.0002	mg/L	0.00034	214.88%
Al 308.215	796.8	0.0229	mg/L	0.00078	0.0229	mg/L	0.00078	3.41%
As 188.979	-1.1	-0.0014	mg/L	0.00238	-0.0014	mg/L	0.00238	175.00%
Ba 233.527	147.7	0.0015	mg/L	0.00003	0.0015	mg/L	0.00003	2.28%
Be 313.107	0.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	690.12%
Co 228.616	3.4	0.0001	mg/L	0.00019	0.0001	mg/L	0.00019	135.38%
Cr 267.716	84.0	0.0017	mg/L	0.00004	0.0017	mg/L	0.00004	2.25%
Cu 324.752	7276.9	0.0245	mg/L	0.00036	0.0245	mg/L	0.00036	1.46%
Fe 273.955	1851.6	0.0533	mg/L	0.00021	0.0533	mg/L	0.00021	0.40%
Mg 279.077	479.8	0.0188	mg/L	0.00004	0.0188	mg/L	0.00004	0.24%
Mn 257.610	1972.1	0.0031	mg/L	0.00001	0.0031	mg/L	0.00001	0.46%
Ni 231.604	20.6	0.0010	mg/L	0.00026	0.0010	mg/L	0.00026	27.51%
Pb 220.353	32.0	0.0062	mg/L	0.00002	0.0062	mg/L	0.00002	0.39%
Sb 206.836	2.0	0.0018	mg/L	0.00154	0.0018	mg/L	0.00154	84.04%
Se 196.026	2.5	0.0036	mg/L	0.00390	0.0036	mg/L	0.00390	108.48%
Tl 190.801	-0.1	-0.0001	mg/L	0.00012	-0.0001	mg/L	0.00012	178.69%
V 292.402	-15.3	-0.0001	mg/L	0.00011	-0.0001	mg/L	0.00011	74.59%
Zn 206.200	736.8	0.0287	mg/L	0.00011	0.0287	mg/L	0.00011	0.39%
Na 330.237	589.1	0.3949	mg/L	0.08368	0.3949	mg/L	0.08368	21.19%
Cd 226.502	4.9	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	12.63%
Ti 334.940	386.3	0.0004	mg/L	0.00005	0.0004	mg/L	0.00005	11.21%
Ca 227.546	62.8	0.2347	mg/L	0.01568	0.2347	mg/L	0.01568	6.68%

Sequence No.: 12
Sample ID: LCS-31386,31386

Autosampler Location: 103
Date Collected: 8/2/2007 7:06:36 AM

Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Data Type: Reprocessed on 8/2/2007 10:40:40 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	217501.3	1.5342	mg/L	0.00465	1.5342	mg/L	0.00465	0.30%
Al 308.215	2436430.0	69.929	mg/L	0.1974	69.929	mg/L	0.1974	0.28%
As 188.979	1566.6	1.9241	mg/L	0.00675	1.9241	mg/L	0.00675	0.35%
Ba 233.527	675875.6	6.8202	mg/L	0.01045	6.8202	mg/L	0.01045	0.15%
Be 313.107	1571853.0	0.6669	mg/L	0.00401	0.6669	mg/L	0.00401	0.60%
Co 228.616	32700.6	1.1736	mg/L	0.00147	1.1736	mg/L	0.00147	0.13%
Cr 267.716	64806.9	1.2792	mg/L	0.00372	1.2792	mg/L	0.00372	0.29%
Cu 324.752	283479.6	0.9536	mg/L	0.00716	0.9536	mg/L	0.00716	0.75%
Fe 273.955	4314369.9	122.18	mg/L	0.405	122.18	mg/L	0.405	0.33%
Mg 279.077	599486.9	23.433	mg/L	0.1167	23.433	mg/L	0.1167	0.50%
Mn 257.610	2105168.0	3.2750	mg/L	0.01539	3.2750	mg/L	0.01539	0.47%
Ni 231.604	46436.8	2.1584	mg/L	0.01122	2.1584	mg/L	0.01122	0.52%
Pb 220.353	5371.1	1.0393	mg/L	0.00116	1.0393	mg/L	0.00116	0.11%
Sb 206.836	682.9	0.5914	mg/L	0.00165	0.5914	mg/L	0.00165	0.28%
Se 196.026	656.1	0.9763	mg/L	0.00373	0.9763	mg/L	0.00373	0.38%
Tl 190.801	1767.7	1.3487	mg/L	0.00179	1.3487	mg/L	0.00179	0.13%
V 292.402	148096.9	1.4187	mg/L	0.00048	1.4187	mg/L	0.00048	0.03%
Zn 206.200	38063.7	1.4876	mg/L	0.00902	1.4876	mg/L	0.00902	0.61%
Na 330.237	10825.9	7.9608	mg/L	0.07872	7.9608	mg/L	0.07872	0.99%
Cd 226.502	38030.3	0.7908	mg/L	0.00409	0.7908	mg/L	0.00409	0.52%
Ti 334.940	2680667.9	2.9644	mg/L	0.01476	2.9644	mg/L	0.01476	0.50%
Ca 227.546	10306.0	35.995	mg/L	0.0821	35.995	mg/L	0.0821	0.23%

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Sequence No.: 13
Sample ID: F0936-01B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 104
Date Collected: 8/2/2007 7:09:55 AM
Data Type: Reprocessed on 8/2/2007 10:40:41 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-01B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	773.2	-0.0253	mg/L	0.00025	-0.0253	mg/L	0.00025	0.99%
Al 308.215	1490686.6	42.789	mg/L	0.0830	42.789	mg/L	0.0830	0.19%
As 188.979	38.6	0.0488	mg/L	0.00468	0.0488	mg/L	0.00468	9.59%
Ba 233.527	216517.1	2.1837	mg/L	0.00621	2.1837	mg/L	0.00621	0.28%
Be 313.107	7147.4	0.0041	mg/L	0.00001	0.0041	mg/L	0.00001	0.31%
Co 228.616	1370.8	0.0499	mg/L	0.00015	0.0499	mg/L	0.00015	0.30%
Cr 267.716	6837.3	0.1331	mg/L	0.00072	0.1331	mg/L	0.00072	0.54%
Cu 324.752	493946.2	1.6616	mg/L	0.00385	1.6616	mg/L	0.00385	0.23%
Fe 273.955	5166990.9	146.12	mg/L	0.057	146.12	mg/L	0.057	0.04%
Mg 279.077	443363.0	17.317	mg/L	0.0059	17.317	mg/L	0.0059	0.03%
Mn 257.610	2293925.6	3.5686	mg/L	0.00773	3.5686	mg/L	0.00773	0.22%
Ni 231.604	2947.4	0.1386	mg/L	0.00132	0.1386	mg/L	0.00132	0.95%
Pb 220.353	24788.1	4.7785	mg/L	0.00152	4.7785	mg/L	0.00152	0.03%
Sb 206.836	-8.3	-0.0107	mg/L	0.00761	-0.0107	mg/L	0.00761	70.97%
Se 196.026	-7.7	0.0381	mg/L	0.00085	0.0381	mg/L	0.00085	2.23%
Tl 190.801	-3.5	0.0348	mg/L	0.00414	0.0348	mg/L	0.00414	11.92%
V 292.402	11870.7	0.1161	mg/L	0.00020	0.1161	mg/L	0.00020	0.17%
Zn 206.200	70409.9	2.7415	mg/L	0.00882	2.7415	mg/L	0.00882	0.32%
Na 330.237	4407.7	3.1575	mg/L	0.02066	3.1575	mg/L	0.02066	0.65%
Cd 226.502	825.8	0.0093	mg/L	0.00006	0.0093	mg/L	0.00006	0.65%
Ti 334.940	554089.3	0.6132	mg/L	0.00212	0.6132	mg/L	0.00212	0.35%
Ca 227.546	12704.4	44.609	mg/L	0.2459	44.609	mg/L	0.2459	0.55%

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Sequence No.: 14
Sample ID: F0936-02B,31386
Analyst:

Autosampler Location: 105
Date Collected: 8/2/2007 7:13:10 AM
Data Type: Reprocessed on 8/2/2007 10:40:41 AM

Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0936-02B,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	1358.3	0.0115	mg/L	0.00036	0.0115	mg/L	0.00036	3.14%
Al 308.215	1371816.4	39.376	mg/L	0.0258	39.376	mg/L	0.0258	0.07%
As 188.979	43.2	0.0576	mg/L	0.00029	0.0576	mg/L	0.00029	0.51%
Ba 233.527	89951.3	0.9074	mg/L	0.00186	0.9074	mg/L	0.00186	0.20%
Be 313.107	12802.7	0.0068	mg/L	0.00003	0.0068	mg/L	0.00003	0.48%
Co 228.616	1157.7	0.0492	mg/L	0.00020	0.0492	mg/L	0.00020	0.40%
Cr 267.716	7748.3	0.1517	mg/L	0.00117	0.1517	mg/L	0.00117	0.77%
Cu 324.752	936343.6	3.1541	mg/L	0.00334	3.1541	mg/L	0.00334	0.11%
Fe 273.955	1471688.6	42.313	mg/L	0.0482	42.313	mg/L	0.0482	0.11%
Mg 279.077	84952.0	3.3212	mg/L	0.01487	3.3212	mg/L	0.01487	0.45%
Mn 257.610	939653.0	1.4618	mg/L	0.00102	1.4618	mg/L	0.00102	0.07%
Ni 231.604	17288.6	0.8075	mg/L	0.00704	0.8075	mg/L	0.00704	0.87%
Pb 220.353	24605.5	4.7440	mg/L	0.05022	4.7440	mg/L	0.05022	1.06%
Sb 206.836	37.7	0.0343	mg/L	0.00060	0.0343	mg/L	0.00060	1.74%
Se 196.026	19.5	0.0328	mg/L	0.00454	0.0328	mg/L	0.00454	13.84%
Tl 190.801	0.6	0.0094	mg/L	0.00319	0.0094	mg/L	0.00319	33.77%
V 292.402	13432.0	0.1289	mg/L	0.00074	0.1289	mg/L	0.00074	0.58%
Zn 206.200	163939.9	6.3826	mg/L	0.04614	6.3826	mg/L	0.04614	0.72%
Na 330.237	9193.3	6.0756	mg/L	0.08388	6.0756	mg/L	0.08388	1.38%
Cd 226.502	801.1	0.0149	mg/L	0.00023	0.0149	mg/L	0.00023	1.55%
Ti 334.940	713124.2	0.7903	mg/L	0.00059	0.7903	mg/L	0.00059	0.08%
Ca 227.546	40890.4	152.67	mg/L	0.791	152.67	mg/L	0.791	0.52%

Sequence No.: 15
Sample ID: F0936-05B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 106
Date Collected: 8/2/2007 7:16:23 AM
Data Type: Reprocessed on 8/2/2007 10:40:42 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-05B,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-131.6	-0.0840	mg/L	0.00003	-0.0840	mg/L	0.00003	0.03%
Al 308.215	1209287.8	34.711	mg/L	0.1750	34.711	mg/L	0.1750	0.50%
As 188.979	43.8	0.0507	mg/L	0.00524	0.0507	mg/L	0.00524	10.32%
Ba 233.527	75208.7	0.7563	mg/L	0.00510	0.7563	mg/L	0.00510	0.67%
Be 313.107	14965.3	0.0069	mg/L	0.00001	0.0069	mg/L	0.00001	0.15%
Co 228.616	3458.7	0.1230	mg/L	0.00096	0.1230	mg/L	0.00096	0.78%
Cr 267.716	2913.7	0.0520	mg/L	0.00006	0.0520	mg/L	0.00006	0.12%
Cu 324.752	88025.9	0.2931	mg/L	0.00229	0.2931	mg/L	0.00229	0.78%
Fe 273.955	13009763.4	367.12	mg/L	1.367	367.12	mg/L	1.367	0.37%
Mg 279.077	247116.5	9.6231	mg/L	0.03779	9.6231	mg/L	0.03779	0.39%
Mn 257.610	6809996.2	10.594	mg/L	0.0455	10.594	mg/L	0.0455	0.43%
Ni 231.604	8175.5	0.3811	mg/L	0.00177	0.3811	mg/L	0.00177	0.46%
Pb 220.353	743.9	0.1434	mg/L	0.00083	0.1434	mg/L	0.00083	0.58%
Sb 206.836	-31.5	-0.0296	mg/L	0.00098	-0.0296	mg/L	0.00098	3.29%
Se 196.026	-46.4	0.0596	mg/L	0.00371	0.0596	mg/L	0.00371	6.22%
Tl 190.801	-11.3	0.0932	mg/L	0.00017	0.0932	mg/L	0.00017	0.18%
V 292.402	9851.5	0.1012	mg/L	0.00043	0.1012	mg/L	0.00043	0.43%
Zn 206.200	33264.0	1.2957	mg/L	0.00631	1.2957	mg/L	0.00631	0.49%
Na 330.237	1532.6	1.4630	mg/L	0.07860	1.4630	mg/L	0.07860	5.37%
Cd 226.502	1333.9	0.0079	mg/L	0.00041	0.0079	mg/L	0.00041	5.13%
Ti 334.940	280612.8	0.3105	mg/L	0.00122	0.3105	mg/L	0.00122	0.39%
Ca 227.546	5723.6	13.693	mg/L	0.1418	13.693	mg/L	0.1418	1.04%

Sequence No.: 16
Sample ID: F0936-06B,31386
Analyst:
Logged In Analyst (Original) : optima3

Autosampler Location: 107
Date Collected: 8/2/2007 7:19:38 AM
Data Type: Reprocessed on 8/2/2007 10:40:42 AM

Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0936-06B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	3407.5	0.0128	mg/L	0.00051	0.0128	mg/L	0.00051	4.01%
Al 308.215	5497025.3	157.79	mg/L	0.848	157.79	mg/L	0.848	0.54%
As 188.979	249.4	0.3145	mg/L	0.00001	0.3145	mg/L	0.00001	0.00%
Ba 233.527	1419687.3	14.323	mg/L	0.0813	14.323	mg/L	0.0813	0.57%
Be 313.107	7799.2	0.0098	mg/L	0.00006	0.0098	mg/L	0.00006	0.56%
Co 228.616	1484.7	0.0612	mg/L	0.00044	0.0612	mg/L	0.00044	0.72%
Cr 267.716	15777.3	0.3088	mg/L	0.00082	0.3088	mg/L	0.00082	0.27%
Cu 324.752	1913310.9	6.4439	mg/L	0.04097	6.4439	mg/L	0.04097	0.64%
Fe 273.955	4965422.0	142.00	mg/L	0.732	142.00	mg/L	0.732	0.52%
Mg 279.077	733142.7	28.638	mg/L	0.1362	28.638	mg/L	0.1362	0.48%
Mn 257.610	1432830.9	2.2290	mg/L	0.00854	2.2290	mg/L	0.00854	0.38%
Ni 231.604	4666.1	0.2247	mg/L	0.00089	0.2247	mg/L	0.00089	0.39%
Pb 220.353	41487.8	8.0043	mg/L	0.02838	8.0043	mg/L	0.02838	0.35%
Sb 206.836	768.4	0.7071	mg/L	0.00552	0.7071	mg/L	0.00552	0.78%
Se 196.026	-6.8	0.0256	mg/L	0.01393	0.0256	mg/L	0.01393	54.45%
Tl 190.801	-6.1	0.0204	mg/L	0.00040	0.0204	mg/L	0.00040	1.95%
V 292.402	24493.1	0.2359	mg/L	0.00182	0.2359	mg/L	0.00182	0.77%
Zn 206.200	483938.7	18.840	mg/L	0.0433	18.840	mg/L	0.0433	0.23%
Na 330.237	150787.7	101.52	mg/L	1.056	101.52	mg/L	1.056	1.04%
Cd 226.502	725.0	0.0076	mg/L	0.00013	0.0076	mg/L	0.00013	1.77%
Ti 334.940	3256207.7	3.6039	mg/L	0.00923	3.6039	mg/L	0.00923	0.26%
Ca 227.546	77807.9	289.25	mg/L	2.970	289.25	mg/L	2.970	1.03%

Sequence No.: 17 Autosampler Location: 108
Sample ID: F0936-10B,31386 Date Collected: 8/2/2007 7:22:54 AM
Analyst: Data Type: Reprocessed on 8/2/2007 10:40:43 AM
Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0936-10B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	891.2	-0.0446	mg/L	0.00022	-0.0446	mg/L	0.00022	0.50%
Al 308.215	1778613.3	51.053	mg/L	0.0224	51.053	mg/L	0.0224	0.04%
As 188.979	87.6	0.1109	mg/L	0.00365	0.1109	mg/L	0.00365	3.29%
Ba 233.527	1080708.3	10.902	mg/L	0.0117	10.902	mg/L	0.0117	0.11%
Be 313.107	8221.8	0.0056	mg/L	0.00008	0.0056	mg/L	0.00008	1.38%
Co 228.616	2160.7	0.0818	mg/L	0.00089	0.0818	mg/L	0.00089	1.09%
Cr 267.716	12387.7	0.2447	mg/L	0.00663	0.2447	mg/L	0.00663	2.71%
Cu 324.752	523504.7	1.7627	mg/L	0.00185	1.7627	mg/L	0.00185	0.10%
Fe 273.955	8996921.4	254.51	mg/L	0.114	254.51	mg/L	0.114	0.04%
Mg 279.077	366359.0	14.248	mg/L	0.0019	14.248	mg/L	0.0019	0.01%
Mn 257.610	1839933.7	2.8623	mg/L	0.00550	2.8623	mg/L	0.00550	0.19%
Ni 231.604	5289.3	0.2494	mg/L	0.00063	0.2494	mg/L	0.00063	0.25%
Pb 220.353	74208.5	14.303	mg/L	0.3463	14.303	mg/L	0.3463	2.42%
Sb 206.836	-2.3	-0.0059	mg/L	0.00071	-0.0059	mg/L	0.00071	12.01%
Se 196.026	-17.8	0.0577	mg/L	0.00159	0.0577	mg/L	0.00159	2.75%
Tl 190.801	-19.1	0.0485	mg/L	0.00359	0.0485	mg/L	0.00359	7.40%
V 292.402	23198.6	0.2262	mg/L	0.00516	0.2262	mg/L	0.00516	2.28%
Zn 206.200	537630.2	20.933	mg/L	0.0212	20.933	mg/L	0.0212	0.10%
Na 330.237	24381.7	16.625	mg/L	0.1622	16.625	mg/L	0.1622	0.98%
Cd 226.502	1419.3	0.0159	mg/L	0.00056	0.0159	mg/L	0.00056	3.55%
Ti 334.940	1075809.4	1.1912	mg/L	0.00193	1.1912	mg/L	0.00193	0.16%
Ca 227.546	36404.8	131.33	mg/L	2.434	131.33	mg/L	2.434	1.85%

Sequence No.: 18 Autosampler Location: 109
Sample ID: F0936-13B,31386 Date Collected: 8/2/2007 7:26:10 AM
Analyst: Data Type: Reprocessed on 8/2/2007 10:40:43 AM
Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: F0936-13B,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	46.4	-0.0898	mg/L	0.00081	-0.0898	mg/L	0.00081	0.90%
Al 308.215	4130800.1	118.56	mg/L	1.010	118.56	mg/L	1.010	0.85%
As 188.979	35.5	0.0467	mg/L	0.00243	0.0467	mg/L	0.00243	5.20%
Ba 233.527	248794.7	2.5093	mg/L	0.02419	2.5093	mg/L	0.02419	0.96%
Be 313.107	8361.7	0.0075	mg/L	0.00007	0.0075	mg/L	0.00007	0.91%
Co 228.616	3955.8	0.1389	mg/L	0.00064	0.1389	mg/L	0.00064	0.46%
Cr 267.716	14227.2	0.2786	mg/L	0.00131	0.2786	mg/L	0.00131	0.47%
Cu 324.752	5238908.0	17.623	mg/L	0.0588	17.623	mg/L	0.0588	0.33%
Fe 273.955	12495074.7	353.27	mg/L	1.271	353.27	mg/L	1.271	0.36%
Mg 279.077	1286286.7	50.227	mg/L	0.4409	50.227	mg/L	0.4409	0.88%
Mn 257.610	4092530.8	6.3666	mg/L	0.02903	6.3666	mg/L	0.02903	0.46%
Ni 231.604	30930.1	1.4389	mg/L	0.01853	1.4389	mg/L	0.01853	1.29%
Pb 220.353	27930.7	5.3827	mg/L	0.05305	5.3827	mg/L	0.05305	0.99%
Sb 206.836	155.9	0.1384	mg/L	0.00459	0.1384	mg/L	0.00459	3.32%
Se 196.026	-48.1	0.0614	mg/L	0.00698	0.0614	mg/L	0.00698	11.38%
Tl 190.801	-19.5	0.0706	mg/L	0.00024	0.0706	mg/L	0.00024	0.34%
V 292.402	131885.7	1.2644	mg/L	0.01175	1.2644	mg/L	0.01175	0.93%
Zn 206.200	153523.3	5.9761	mg/L	0.05679	5.9761	mg/L	0.05679	0.95%
Na 330.237	8048.0	6.1200	mg/L	0.03274	6.1200	mg/L	0.03274	0.53%
Cd 226.502	1744.3	0.0178	mg/L	0.00030	0.0178	mg/L	0.00030	1.68%
Ti 334.940	1972513.2	2.1819	mg/L	0.02139	2.1819	mg/L	0.02139	0.98%
Ca 227.546	19478.9	65.484	mg/L	0.0953	65.484	mg/L	0.0953	0.15%

Sequence No.: 19
Sample ID: F0936-14B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 110
Date Collected: 8/2/2007 7:29:28 AM
Data Type: Reprocessed on 8/2/2007 10:40:44 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14B,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-119.5	-0.0664	mg/L	0.00091	-0.0664	mg/L	0.00091	1.38%
Al 308.215	3377888.8	96.960	mg/L	1.1042	96.960	mg/L	1.1042	1.14%
As 188.979	28.5	0.0362	mg/L	0.00296	0.0362	mg/L	0.00296	8.18%
Ba 233.527	105396.3	1.0616	mg/L	0.01340	1.0616	mg/L	0.01340	1.26%
Be 313.107	7895.3	0.0050	mg/L	0.00006	0.0050	mg/L	0.00006	1.27%
Co 228.616	3112.5	0.1096	mg/L	0.00008	0.1096	mg/L	0.00008	0.07%
Cr 267.716	9776.7	0.1894	mg/L	0.00125	0.1894	mg/L	0.00125	0.66%
Cu 324.752	119016.7	0.3983	mg/L	0.00414	0.3983	mg/L	0.00414	1.04%
Fe 273.955	10052441.3	284.10	mg/L	3.009	284.10	mg/L	3.009	1.06%
Mg 279.077	1234221.6	48.221	mg/L	0.5469	48.221	mg/L	0.5469	1.13%
Mn 257.610	4131743.2	6.4276	mg/L	0.07338	6.4276	mg/L	0.07338	1.14%
Ni 231.604	5549.3	0.2601	mg/L	0.00227	0.2601	mg/L	0.00227	0.87%
Pb 220.353	2904.8	0.5645	mg/L	0.00126	0.5645	mg/L	0.00126	0.22%
Sb 206.836	-26.2	-0.0300	mg/L	0.00045	-0.0300	mg/L	0.00045	1.49%
Se 196.026	-36.5	0.0481	mg/L	0.00469	0.0481	mg/L	0.00469	9.74%
Tl 190.801	-15.3	0.0599	mg/L	0.00254	0.0599	mg/L	0.00254	4.24%
V 292.402	17608.4	0.1737	mg/L	0.00223	0.1737	mg/L	0.00223	1.29%
Zn 206.200	23666.9	0.9216	mg/L	0.00779	0.9216	mg/L	0.00779	0.85%
Na 330.237	2127.2	1.8896	mg/L	0.11358	1.8896	mg/L	0.11358	6.01%
Cd 226.502	853.7	0.0024	mg/L	0.00013	0.0024	mg/L	0.00013	5.36%
Ti 334.940	817881.1	0.9046	mg/L	0.00976	0.9046	mg/L	0.00976	1.08%
Ca 227.546	6909.6	19.909	mg/L	0.0068	19.909	mg/L	0.0068	0.03%

Sequence No.: 20
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/2/2007 7:32:16 AM
Data Type: Reprocessed on 8/2/2007 10:40:44 AM

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
Ag 328.068	169390.6	1.1978	mg/L	0.01539	1.1978	mg/L	0.01539	1.29%
Al 308.215	342804.4	9.8203	mg/L	0.14546	9.8203	mg/L	0.14546	1.48%
As 188.979	414.1	0.5181	mg/L	0.00202	0.5181	mg/L	0.00202	0.39%
Ba 233.527	1044567.4	10.542	mg/L	0.0309	10.542	mg/L	0.0309	0.29%
Be 313.107	596070.3	0.2509	mg/L	0.00095	0.2509	mg/L	0.00095	0.38%
Co 228.616	70433.8	2.5444	mg/L	0.02757	2.5444	mg/L	0.02757	1.08%
Cr 267.716	51290.4	1.0132	mg/L	0.01025	1.0132	mg/L	0.01025	1.01%
Cu 324.752	373099.4	1.2559	mg/L	0.00269	1.2559	mg/L	0.00269	0.21%
Fe 273.955	182825.2	5.3315	mg/L	0.06213	5.3315	mg/L	0.06213	1.17%
Mg 279.077	646072.5	25.300	mg/L	0.0685	25.300	mg/L	0.0685	0.27%
Mn 257.610	1645353.1	2.5597	mg/L	0.00833	2.5597	mg/L	0.00833	0.33%
Ni 231.604	54668.5	2.5413	mg/L	0.02841	2.5413	mg/L	0.02841	1.12%
Pb 220.353	2633.3	0.5081	mg/L	0.00355	0.5081	mg/L	0.00355	0.70%
Sb 206.836	569.5	0.4950	mg/L	0.00499	0.4950	mg/L	0.00499	1.01%
Se 196.026	352.5	0.5014	mg/L	0.00307	0.5014	mg/L	0.00307	0.61%
Tl 190.801	687.4	0.5163	mg/L	0.00298	0.5163	mg/L	0.00298	0.58%
V 292.402	265192.8	2.5349	mg/L	0.01714	2.5349	mg/L	0.01714	0.68%
Zn 206.200	65961.7	2.5736	mg/L	0.03166	2.5736	mg/L	0.03166	1.23%
Na 330.237	35173.7	23.534	mg/L	0.2561	23.534	mg/L	0.2561	1.09%
Cd 226.502	12063.8	0.2536	mg/L	0.00426	0.2536	mg/L	0.00426	1.68%
Ti 334.940	807.4	0.0011	mg/L	0.00001	0.0011	mg/L	0.00001	1.10%
Ca 227.546	6768.5	25.149	mg/L	0.0668	25.149	mg/L	0.0668	0.27%

Sequence No.: 21
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/2/2007 7:35:28 AM
Data Type: Reprocessed on 8/2/2007 10:40:45 AM

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
Ag 328.068	-50.3	-0.0004	mg/L	0.00009	-0.0004	mg/L	0.00009	25.76%
Al 308.215	160.5	0.0046	mg/L	0.00063	0.0046	mg/L	0.00063	13.60%
As 188.979	-0.6	-0.0007	mg/L	0.00417	-0.0007	mg/L	0.00417	594.84%
Ba 233.527	128.0	0.0013	mg/L	0.00021	0.0013	mg/L	0.00021	16.30%
Be 313.107	70.7	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	0.36%
Co 228.616	9.9	0.0004	mg/L	0.00014	0.0004	mg/L	0.00014	38.92%
Cr 267.716	-4.7	-0.0001	mg/L	0.00000	-0.0001	mg/L	0.00000	1.21%
Cu 324.752	226.4	0.0008	mg/L	0.00011	0.0008	mg/L	0.00011	14.51%
Fe 273.955	508.9	0.0144	mg/L	0.00108	0.0144	mg/L	0.00108	7.53%
Mg 279.077	106.1	0.0041	mg/L	0.00657	0.0041	mg/L	0.00657	158.23%
Mn 257.610	296.7	0.0005	mg/L	0.00006	0.0005	mg/L	0.00006	12.92%
Ni 231.604	1.6	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	7.73%
Pb 220.353	5.0	0.0010	mg/L	0.00132	0.0010	mg/L	0.00132	138.13%
Sb 206.836	-1.6	-0.0015	mg/L	0.00107	-0.0015	mg/L	0.00107	72.39%
Se 196.026	4.9	0.0069	mg/L	0.00493	0.0069	mg/L	0.00493	71.33%
Tl 190.801	2.0	0.0015	mg/L	0.00101	0.0015	mg/L	0.00101	68.97%
V 292.402	9.4	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	58.09%
Zn 206.200	23.2	0.0009	mg/L	0.00030	0.0009	mg/L	0.00030	32.86%
Na 330.237	12.1	0.0081	mg/L	0.08010	0.0081	mg/L	0.08010	985.90%
Cd 226.502	5.6	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	19.49%
Ti 334.940	132.2	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	35.15%
Ca 227.546	2.5	0.0089	mg/L	0.02299	0.0089	mg/L	0.02299	257.83%

Sequence No.: 22
Sample ID: F0936-14BDUP,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 111
Date Collected: 8/2/2007 7:38:34 AM
Data Type: Reprocessed on 8/2/2007 10:40:45 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BDUP,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	88.6	-0.0551	mg/L	0.00110	-0.0551	mg/L	0.00110	2.00%
Al 308.215	3526721.0	101.23	mg/L	0.285	101.23	mg/L	0.285	0.28%
As 188.979	43.0	0.0538	mg/L	0.00499	0.0538	mg/L	0.00499	9.27%
Ba 233.527	155016.1	1.5625	mg/L	0.00580	1.5625	mg/L	0.00580	0.37%
Be 313.107	7947.5	0.0053	mg/L	0.00000	0.0053	mg/L	0.00000	0.07%
Co 228.616	3681.9	0.1306	mg/L	0.00066	0.1306	mg/L	0.00066	0.51%
Cr 267.716	8302.2	0.1576	mg/L	0.00120	0.1576	mg/L	0.00120	0.76%
Cu 324.752	3352648.6	11.277	mg/L	0.1292	11.277	mg/L	0.1292	1.15%
Fe 273.955	9032837.1	255.41	mg/L	3.588	255.41	mg/L	3.588	1.40%
Mg 279.077	1191229.5	46.580	mg/L	0.2079	46.580	mg/L	0.2079	0.45%
Mn 257.610	5654520.8	8.7965	mg/L	0.13224	8.7965	mg/L	0.13224	1.50%
Ni 231.604	5658.3	0.2645	mg/L	0.00121	0.2645	mg/L	0.00121	0.46%
Pb 220.353	5060.8	0.9758	mg/L	0.00479	0.9758	mg/L	0.00479	0.49%
Sb 206.836	-21.1	-0.0241	mg/L	0.00415	-0.0241	mg/L	0.00415	17.20%
Se 196.026	-29.1	0.0497	mg/L	0.00267	0.0497	mg/L	0.00267	5.36%
Tl 190.801	-12.8	0.0566	mg/L	0.00048	0.0566	mg/L	0.00048	0.85%
V 292.402	19550.6	0.1906	mg/L	0.00034	0.1906	mg/L	0.00034	0.18%
Zn 206.200	40462.2	1.5746	mg/L	0.00983	1.5746	mg/L	0.00983	0.62%
Na 330.237	3115.7	2.5401	mg/L	0.06867	2.5401	mg/L	0.06867	2.70%
Cd 226.502	978.1	0.0066	mg/L	0.00012	0.0066	mg/L	0.00012	1.84%
Ti 334.940	996607.9	1.1024	mg/L	0.00329	1.1024	mg/L	0.00329	0.30%
Ca 227.546	10113.3	32.501	mg/L	0.1058	32.501	mg/L	0.1058	0.33%

Sequence No.: 23
Sample ID: F0936-14BMS,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 8/2/2007 7:41:52 AM
Data Type: Reprocessed on 8/2/2007 10:40:46 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BMS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	13722.0	0.0303	mg/L	0.00011	0.0303	mg/L	0.00011	0.36%
Al 308.215	3595725.7	103.20	mg/L	0.878	103.20	mg/L	0.878	0.85%
As 188.979	99.7	0.1288	mg/L	0.00086	0.1288	mg/L	0.00086	0.67%
Ba 233.527	542054.3	5.4689	mg/L	0.04938	5.4689	mg/L	0.04938	0.90%
Be 313.107	240131.1	0.1031	mg/L	0.00122	0.1031	mg/L	0.00122	1.19%
Co 228.616	31332.5	1.1278	mg/L	0.00326	1.1278	mg/L	0.00326	0.29%
Cr 267.716	28821.7	0.5667	mg/L	0.00367	0.5667	mg/L	0.00367	0.65%
Cu 324.752	295870.9	0.9937	mg/L	0.00131	0.9937	mg/L	0.00131	0.13%
Fe 273.955	8560972.0	242.05	mg/L	2.068	242.05	mg/L	2.068	0.85%
Mg 279.077	1121483.4	43.822	mg/L	0.3712	43.822	mg/L	0.3712	0.85%
Mn 257.610	3589685.0	5.5844	mg/L	0.05185	5.5844	mg/L	0.05185	0.93%
Ni 231.604	27183.1	1.2654	mg/L	0.00697	1.2654	mg/L	0.00697	0.55%
Pb 220.353	3829.2	0.7432	mg/L	0.00065	0.7432	mg/L	0.00065	0.09%
Sb 206.836	80.2	0.0569	mg/L	0.00204	0.0569	mg/L	0.00204	3.58%
Se 196.026	31.8	0.1317	mg/L	0.00464	0.1317	mg/L	0.00464	3.52%
Tl 190.801	120.5	0.1487	mg/L	0.00441	0.1487	mg/L	0.00441	2.96%
V 292.402	124724.8	1.1966	mg/L	0.00897	1.1966	mg/L	0.00897	0.75%
Zn 206.200	55572.8	2.1655	mg/L	0.00423	2.1655	mg/L	0.00423	0.20%
Na 330.237	3543.1	2.8425	mg/L	0.06560	2.8425	mg/L	0.06560	2.31%
Cd 226.502	5575.2	0.1041	mg/L	0.00026	0.1041	mg/L	0.00026	0.25%
Ti 334.940	1028814.7	1.1378	mg/L	0.01299	1.1378	mg/L	0.01299	1.14%
Ca 227.546	6159.8	17.918	mg/L	0.0191	17.918	mg/L	0.0191	0.11%

Sequence No.: 24
Sample ID: F0936-14BSD,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 112
Date Collected: 8/2/2007 7:45:06 AM
Data Type: Reprocessed on 8/2/2007 10:40:46 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BSD,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-95.2	-0.0156	mg/L	0.00030	-0.0156	mg/L	0.00030	1.93%
Al 308.215	712181.0	20.443	mg/L	0.0334	20.443	mg/L	0.0334	0.16%
As 188.979	6.0	0.0076	mg/L	0.00365	0.0076	mg/L	0.00365	47.90%
Ba 233.527	22926.3	0.2309	mg/L	0.00016	0.2309	mg/L	0.00016	0.07%
Be 313.107	1749.7	0.0011	mg/L	0.00002	0.0011	mg/L	0.00002	1.44%
Co 228.616	682.8	0.0240	mg/L	0.00023	0.0240	mg/L	0.00023	0.97%
Cr 267.716	2055.0	0.0398	mg/L	0.00004	0.0398	mg/L	0.00004	0.11%
Cu 324.752	24606.2	0.0823	mg/L	0.00014	0.0823	mg/L	0.00014	0.17%
Fe 273.955	2280061.5	64.428	mg/L	0.0749	64.428	mg/L	0.0749	0.12%
Mg 279.077	273507.7	10.685	mg/L	0.0194	10.685	mg/L	0.0194	0.18%
Mn 257.610	901030.5	1.4017	mg/L	0.00280	1.4017	mg/L	0.00280	0.20%
Ni 231.604	1222.6	0.0573	mg/L	0.00001	0.0573	mg/L	0.00001	0.01%
Pb 220.353	632.7	0.1229	mg/L	0.00019	0.1229	mg/L	0.00019	0.16%
Sb 206.836	-5.2	-0.0060	mg/L	0.00321	-0.0060	mg/L	0.00321	53.61%
Se 196.026	-7.1	0.0126	mg/L	0.00031	0.0126	mg/L	0.00031	2.48%
Tl 190.801	-2.0	0.0148	mg/L	0.00180	0.0148	mg/L	0.00180	12.16%
V 292.402	3717.8	0.0368	mg/L	0.00030	0.0368	mg/L	0.00030	0.81%
Zn 206.200	5254.0	0.2046	mg/L	0.00066	0.2046	mg/L	0.00066	0.32%
Na 330.237	520.4	0.4517	mg/L	0.03089	0.4517	mg/L	0.03089	6.84%
Cd 226.502	181.1	0.0003	mg/L	0.00007	0.0003	mg/L	0.00007	26.11%
Ti 334.940	171595.0	0.1898	mg/L	0.00012	0.1898	mg/L	0.00012	0.06%
Ca 227.546	1435.3	4.0203	mg/L	0.03833	4.0203	mg/L	0.03833	0.95%

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Sequence No.: 25
Sample ID: F0936-14BPDS,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution: Be 120ppb

Autosampler Location: 21
Date Collected: 8/2/2007 7:48:19 AM
Data Type: Reprocessed on 8/2/2007 10:40:46 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BPDS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	2868.0	-0.0417	mg/L	0.00100	-0.0417	mg/L	0.00100	2.39%
Al 308.215	3273950.4	93.975	mg/L	0.4627	93.975	mg/L	0.4627	0.49%
As 188.979	50.5	0.0633	mg/L	0.00186	0.0633	mg/L	0.00186	2.93%
Ba 233.527	146184.7	1.4734	mg/L	0.00792	1.4734	mg/L	0.00792	0.54%
Be 313.107	31983.4	0.0150	mg/L	0.00008	0.0150	mg/L	0.00008	0.56%
Co 228.616	5771.5	0.2064	mg/L	0.00126	0.2064	mg/L	0.00126	0.61%
Cr 267.716	10422.1	0.2024	mg/L	0.00274	0.2024	mg/L	0.00274	1.35%
Cu 324.752	127650.7	0.4278	mg/L	0.00042	0.4278	mg/L	0.00042	0.10%
Fe 273.955	9498983.1	268.52	mg/L	1.442	268.52	mg/L	1.442	0.54%
Mg 279.077	1437882.1	56.190	mg/L	0.3317	56.190	mg/L	0.3317	0.59%
Mn 257.610	3899419.7	6.0662	mg/L	0.02414	6.0662	mg/L	0.02414	0.40%
Ni 231.604	7095.0	0.3321	mg/L	0.00488	0.3321	mg/L	0.00488	1.47%
Pb 220.353	2759.0	0.5364	mg/L	0.00462	0.5364	mg/L	0.00462	0.86%
Sb 206.836	121.3	0.1060	mg/L	0.00041	0.1060	mg/L	0.00041	0.38%
Se 196.026	12.8	0.1122	mg/L	0.00529	0.1122	mg/L	0.00529	4.72%
Tl 190.801	49.7	0.1045	mg/L	0.00040	0.1045	mg/L	0.00040	0.38%
V 292.402	28091.1	0.2735	mg/L	0.00321	0.2735	mg/L	0.00321	1.17%
Zn 206.200	25821.2	1.0056	mg/L	0.00649	1.0056	mg/L	0.00649	0.65%
Na 330.237	15633.4	10.908	mg/L	0.0090	10.908	mg/L	0.0090	0.08%
Cd 226.502	1322.4	0.0131	mg/L	0.00022	0.0131	mg/L	0.00022	1.65%
Ti 334.940	787284.5	0.8709	mg/L	0.00282	0.8709	mg/L	0.00282	0.32%
Ca 227.546	9183.3	28.776	mg/L	0.1432	28.776	mg/L	0.1432	0.50%

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Sequence No.: 26
Sample ID: F0936-16B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 113
Date Collected: 8/2/2007 7:51:32 AM
Data Type: Reprocessed on 8/2/2007 10:40:47 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-16B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-219.0	-0.0533	mg/L	0.00012	-0.0533	mg/L	0.00012	0.23%
Al 308.215	2907606.7	83.460	mg/L	0.0671	83.460	mg/L	0.0671	0.08%
As 188.979	35.9	0.0453	mg/L	0.00154	0.0453	mg/L	0.00154	3.40%
Ba 233.527	95331.0	0.9605	mg/L	0.00209	0.9605	mg/L	0.00209	0.22%
Be 313.107	3979.7	0.0050	mg/L	0.00000	0.0050	mg/L	0.00000	0.07%
Co 228.616	2689.9	0.0921	mg/L	0.00033	0.0921	mg/L	0.00033	0.36%
Cr 267.716	6256.5	0.1218	mg/L	0.00044	0.1218	mg/L	0.00044	0.36%
Cu 324.752	85320.7	0.2856	mg/L	0.00055	0.2856	mg/L	0.00055	0.19%
Fe 273.955	7808082.9	220.73	mg/L	0.035	220.73	mg/L	0.035	0.02%
Mg 279.077	797395.8	31.130	mg/L	0.0035	31.130	mg/L	0.0035	0.01%
Mn 257.610	2255820.7	3.5093	mg/L	0.00953	3.5093	mg/L	0.00953	0.27%
Ni 231.604	3762.0	0.1761	mg/L	0.00104	0.1761	mg/L	0.00104	0.59%
Pb 220.353	573.3	0.1150	mg/L	0.00064	0.1150	mg/L	0.00064	0.56%
Sb 206.836	-27.3	-0.0275	mg/L	0.00135	-0.0275	mg/L	0.00135	4.92%
Se 196.026	-29.6	0.0368	mg/L	0.00084	0.0368	mg/L	0.00084	2.29%
Tl 190.801	-14.9	0.0414	mg/L	0.00100	0.0414	mg/L	0.00100	2.42%
V 292.402	18560.9	0.1813	mg/L	0.00028	0.1813	mg/L	0.00028	0.16%
Zn 206.200	16328.2	0.6353	mg/L	0.00371	0.6353	mg/L	0.00371	0.58%
Na 330.237	1919.9	1.8823	mg/L	0.11393	1.8823	mg/L	0.11393	6.05%
Cd 226.502	632.9	0.0012	mg/L	0.00045	0.0012	mg/L	0.00045	36.66%
Ti 334.940	1647689.8	1.8222	mg/L	0.00694	1.8222	mg/L	0.00694	0.38%
Ca 227.546	7003.9	21.610	mg/L	0.0076	21.610	mg/L	0.0076	0.04%

Sequence No.: 27
Sample ID: F0936-18B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 114
Date Collected: 8/2/2007 7:54:47 AM
Data Type: Reprocessed on 8/2/2007 10:40:47 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-18B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	1196.4	-0.0401	mg/L	0.00019	-0.0401	mg/L	0.00019	0.48%
Al 308.215	4890991.7	140.39	mg/L	0.777	140.39	mg/L	0.777	0.55%
As 188.979	48.9	0.0629	mg/L	0.00081	0.0629	mg/L	0.00081	1.28%
Ba 233.527	246511.1	2.4861	mg/L	0.01476	2.4861	mg/L	0.01476	0.59%
Be 313.107	12590.8	0.0074	mg/L	0.00005	0.0074	mg/L	0.00005	0.66%
Co 228.616	2011.9	0.0693	mg/L	0.00017	0.0693	mg/L	0.00017	0.24%
Cr 267.716	11408.9	0.2211	mg/L	0.00120	0.2211	mg/L	0.00120	0.54%
Cu 324.752	108511.7	0.3636	mg/L	0.00325	0.3636	mg/L	0.00325	0.89%
Fe 273.955	7180303.3	203.30	mg/L	1.172	203.30	mg/L	1.172	0.58%
Mg 279.077	1266851.7	49.521	mg/L	0.3052	49.521	mg/L	0.3052	0.62%
Mn 257.610	3394491.6	5.2807	mg/L	0.03643	5.2807	mg/L	0.03643	0.69%
Ni 231.604	5071.0	0.2386	mg/L	0.00007	0.2386	mg/L	0.00007	0.03%
Pb 220.353	12738.6	2.4623	mg/L	0.00362	2.4623	mg/L	0.00362	0.15%
Sb 206.836	-16.3	-0.0225	mg/L	0.00038	-0.0225	mg/L	0.00038	1.67%
Se 196.026	-26.5	0.0353	mg/L	0.00166	0.0353	mg/L	0.00166	4.72%
Tl 190.801	-9.0	0.0396	mg/L	0.00300	0.0396	mg/L	0.00300	7.58%
V 292.402	29829.0	0.2890	mg/L	0.00036	0.2890	mg/L	0.00036	0.12%
Zn 206.200	67668.4	2.6340	mg/L	0.01695	2.6340	mg/L	0.01695	0.64%
Na 330.237	3543.5	2.8121	mg/L	0.08384	2.8121	mg/L	0.08384	2.98%
Cd 226.502	905.7	0.0079	mg/L	0.00024	0.0079	mg/L	0.00024	3.07%
Ti 334.940	1028314.3	1.1372	mg/L	0.00824	1.1372	mg/L	0.00824	0.72%
Ca 227.546	5297.4	15.575	mg/L	0.0547	15.575	mg/L	0.0547	0.35%

Sequence No.: 28
Sample ID: F0936-20B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 115
Date Collected: 8/2/2007 7:58:02 AM
Data Type: Reprocessed on 8/2/2007 10:40:48 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-20B,31386

Analyte	Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Ag 328.068	1684.9	-0.0255	mg/L	0.00013	-0.0255	mg/L	0.00013	0.49%
Al 308.215	2372362.2	68.096	mg/L	0.0698	68.096	mg/L	0.0698	0.10%
As 188.979	98.9	0.1266	mg/L	0.00240	0.1266	mg/L	0.00240	1.90%
Ba 233.527	3205061.7	32.336	mg/L	0.0430	32.336	mg/L	0.0430	0.13%
Be 313.107	11941.5	0.0069	mg/L	0.00002	0.0069	mg/L	0.00002	0.31%
Co 228.616	1720.0	0.0711	mg/L	0.00002	0.0711	mg/L	0.00002	0.03%
Cr 267.716	14716.2	0.2879	mg/L	0.00047	0.2879	mg/L	0.00047	0.16%
Cu 324.752	2022950.5	6.8093	mg/L	0.00211	6.8093	mg/L	0.00211	0.03%
Fe 273.955	8055608.4	228.34	mg/L	0.481	228.34	mg/L	0.481	0.21%
Mg 279.077	615741.2	24.043	mg/L	0.2135	24.043	mg/L	0.2135	0.89%
Mn 257.610	3398288.1	5.2866	mg/L	0.01248	5.2866	mg/L	0.01248	0.24%
Ni 231.604	3892.2	0.1863	mg/L	0.00012	0.1863	mg/L	0.00012	0.06%
Pb 220.353	93462.4	18.013	mg/L	0.0474	18.013	mg/L	0.0474	0.26%
Sb 206.836	13.6	0.0085	mg/L	0.00094	0.0085	mg/L	0.00094	11.10%
Se 196.026	-7.4	0.0579	mg/L	0.00908	0.0579	mg/L	0.00908	15.68%
Tl 190.801	-8.9	0.0512	mg/L	0.00096	0.0512	mg/L	0.00096	1.88%
V 292.402	24055.5	0.2337	mg/L	0.00003	0.2337	mg/L	0.00003	0.01%
Zn 206.200	655713.8	25.530	mg/L	0.0734	25.530	mg/L	0.0734	0.29%
Na 330.237	28479.7	19.167	mg/L	0.3161	19.167	mg/L	0.3161	1.65%
Cd 226.502	2203.8	0.0337	mg/L	0.00019	0.0337	mg/L	0.00019	0.56%
Ti 334.940	933555.7	1.0347	mg/L	0.00118	1.0347	mg/L	0.00118	0.11%
Ca 227.546	55130.5	202.22	mg/L	1.440	202.22	mg/L	1.440	0.71%

Sequence No.: 29
Sample ID: CRI
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/2/2007 8:01:18 AM
Data Type: Reprocessed on 8/2/2007 10:40:48 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	1432.3	0.0101	mg/L	0.00038	0.0101	mg/L	0.00038	3.82%
Al 308.215	7382.1	0.2115	mg/L	0.00077	0.2115	mg/L	0.00077	0.36%
As 188.979	7.9	0.0098	mg/L	0.00147	0.0098	mg/L	0.00147	14.92%
Ba 233.527	23064.4	0.2328	mg/L	0.00006	0.2328	mg/L	0.00006	0.03%
Be 313.107	12449.0	0.0052	mg/L	0.00002	0.0052	mg/L	0.00002	0.39%
Co 228.616	1512.3	0.0549	mg/L	0.00016	0.0549	mg/L	0.00016	0.29%
Cr 267.716	527.4	0.0104	mg/L	0.00003	0.0104	mg/L	0.00003	0.33%
Cu 324.752	8159.8	0.0276	mg/L	0.00016	0.0276	mg/L	0.00016	0.57%
Fe 273.955	5362.9	0.1778	mg/L	0.00761	0.1778	mg/L	0.00761	4.28%
Mg 279.077	136558.0	5.3414	mg/L	0.03255	5.3414	mg/L	0.03255	0.61%
Mn 257.610	11190.0	0.0174	mg/L	0.00006	0.0174	mg/L	0.00006	0.35%
Ni 231.604	949.3	0.0442	mg/L	0.00024	0.0442	mg/L	0.00024	0.54%
Pb 220.353	99.9	0.0193	mg/L	0.00041	0.0193	mg/L	0.00041	2.10%
Sb 206.836	76.6	0.0704	mg/L	0.00386	0.0704	mg/L	0.00386	5.48%
Se 196.026	28.8	0.0406	mg/L	0.00545	0.0406	mg/L	0.00545	13.41%
Tl 190.801	35.2	0.0264	mg/L	0.00107	0.0264	mg/L	0.00107	4.07%
V 292.402	5623.6	0.0537	mg/L	0.00059	0.0537	mg/L	0.00059	1.09%
Zn 206.200	1941.8	0.0757	mg/L	0.00140	0.0757	mg/L	0.00140	1.85%
Na 330.237	6026.3	4.0327	mg/L	0.05060	4.0327	mg/L	0.05060	1.25%
Cd 226.502	269.9	0.0057	mg/L	0.00016	0.0057	mg/L	0.00016	2.84%
Ti 334.940	143.6	0.0002	mg/L	0.00011	0.0002	mg/L	0.00011	51.81%
Ca 227.546	1343.9	5.0415	mg/L	0.00693	5.0415	mg/L	0.00693	0.14%

Sequence No.: 30
Sample ID: ICSA
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/2/2007 8:04:22 AM
Data Type: Reprocessed on 8/2/2007 10:40:49 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD

Ag 328.068	-239.6	-0.0027 mg/L	0.00044	-0.0027 mg/L	0.00044	16.28%
Al 308.215	15747024.7	452.01 mg/L	3.754	452.01 mg/L	3.754	0.83%
As 188.979	-11.4	-0.0037 mg/L	0.00137	-0.0037 mg/L	0.00137	37.49%
Ba 233.527	322.2	0.0021 mg/L	0.00013	0.0021 mg/L	0.00013	6.30%
Be 313.107	56.5	0.0000 mg/L	0.00000	0.0000 mg/L	0.00000	14.90%
Co 228.616	99.7	0.0344 mg/L	0.00017	0.0344 mg/L	0.00017	0.51%
Cr 267.716	-134.8	-0.0079 mg/L	0.00000	-0.0079 mg/L	0.00000	0.03%
Cu 324.752	-4698.5	-0.0028 mg/L	0.00000	-0.0028 mg/L	0.00000	0.18%
Fe 273.955	5919746.8	171.58 mg/L	1.332	171.58 mg/L	1.332	0.78%
Mg 279.077	11093590.9	433.83 mg/L	3.245	433.83 mg/L	3.245	0.75%
Mn 257.610	1474.9	0.0023 mg/L	0.00001	0.0023 mg/L	0.00001	0.65%
Saturated outside survey window (code 6)						
Ni 231.604	42.3	0.0242 mg/L	0.00038	0.0242 mg/L	0.00038	1.58%
Pb 220.353	-138.8	0.0060 mg/L	0.00068	0.0060 mg/L	0.00068	11.36%
Sb 206.836	-14.1	-0.0071 mg/L	0.00105	-0.0071 mg/L	0.00105	14.73%
Se 196.026	-20.2	0.0095 mg/L	0.00323	0.0095 mg/L	0.00323	33.99%
Tl 190.801	-14.3	0.0037 mg/L	0.00505	0.0037 mg/L	0.00505	136.79%
V 292.402	-465.8	-0.0016 mg/L	0.00003	-0.0016 mg/L	0.00003	2.03%
Zn 206.200	329.7	0.0076 mg/L	0.00014	0.0076 mg/L	0.00014	1.80%
Na 330.237	553.4	-0.4359 mg/L	0.02226	-0.4359 mg/L	0.02226	5.11%
Cd 226.502	468.1	0.0006 mg/L	0.00010	0.0006 mg/L	0.00010	15.50%
Ti 334.940	-5029.5	0.0003 mg/L	0.00012	0.0003 mg/L	0.00012	40.80%
Ca 227.546	130443.1	486.40 mg/L	2.570	486.40 mg/L	2.570	0.53%

Sequence No.: 31
Sample ID: ICSAB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/2/2007 8:07:37 AM
Data Type: Reprocessed on 8/2/2007 10:40:49 AM

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
Ag 328.068	26676.5	0.1871	mg/L	0.00187	0.1871	mg/L	0.00187	1.00%
Al 308.215	15732387.9	451.59	mg/L	0.931	451.59	mg/L	0.931	0.21%
As 188.979	65.4	0.0962	mg/L	0.00638	0.0962	mg/L	0.00638	6.63%
Ba 233.527	47743.9	0.4811	mg/L	0.00543	0.4811	mg/L	0.00543	1.13%
Be 313.107	1040828.3	0.4380	mg/L	0.00327	0.4380	mg/L	0.00327	0.75%
Co 228.616	11299.1	0.4389	mg/L	0.00256	0.4389	mg/L	0.00256	0.58%
Cr 267.716	21872.2	0.4271	mg/L	0.00181	0.4271	mg/L	0.00181	0.42%
Cu 324.752	137860.9	0.4769	mg/L	0.00534	0.4769	mg/L	0.00534	1.12%
Fe 273.955	5929557.0	171.86	mg/L	0.245	171.86	mg/L	0.245	0.14%
Mg 279.077	11087286.5	433.59	mg/L	0.607	433.59	mg/L	0.607	0.14%
Mn 257.610	289268.6	0.4500	mg/L	0.00335	0.4500	mg/L	0.00335	0.74%
Ni 231.604	17212.8	0.8222	mg/L	0.00582	0.8222	mg/L	0.00582	0.71%
Pb 220.353	85.0	0.0490	mg/L	0.00157	0.0490	mg/L	0.00157	3.19%
Sb 206.836	643.3	0.5848	mg/L	0.00463	0.5848	mg/L	0.00463	0.79%
Se 196.026	8.9	0.0508	mg/L	0.00997	0.0508	mg/L	0.00997	19.61%
Tl 190.801	98.6	0.0884	mg/L	0.00059	0.0884	mg/L	0.00059	0.67%
V 292.402	46321.5	0.4460	mg/L	0.00212	0.4460	mg/L	0.00212	0.47%
Zn 206.200	21492.5	0.8338	mg/L	0.00415	0.8338	mg/L	0.00415	0.50%
Na 330.237	1545.3	0.2195	mg/L	0.05097	0.2195	mg/L	0.05097	23.22%
Cd 226.502	41455.1	0.8594	mg/L	0.00857	0.8594	mg/L	0.00857	1.00%
Ti 334.940	-5041.5	0.0003	mg/L	0.00015	0.0003	mg/L	0.00015	58.55%
Ca 227.546	131145.4	488.98	mg/L	5.702	488.98	mg/L	5.702	1.17%

Sequence No.: 32
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/2/2007 8:10:50 AM
Data Type: Reprocessed on 8/2/2007 10:40:50 AM

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

Ag 328.068	170346.4	1.2045 mg/L	0.00016	1.2045 mg/L	0.00016	0.01%
Al 308.215	348046.4	9.9706 mg/L	0.01337	9.9706 mg/L	0.01337	0.13%
As 188.979	426.0	0.5327 mg/L	0.00034	0.5327 mg/L	0.00034	0.06%
Ba 233.527	1054941.5	10.647 mg/L	0.0060	10.647 mg/L	0.0060	0.06%
Be 313.107	603073.9	0.2539 mg/L	0.00119	0.2539 mg/L	0.00119	0.47%
Co 228.616	70669.6	2.5530 mg/L	0.01200	2.5530 mg/L	0.01200	0.47%
Cr 267.716	51736.7	1.0220 mg/L	0.00087	1.0220 mg/L	0.00087	0.09%
Cu 324.752	376224.0	1.2665 mg/L	0.00160	1.2665 mg/L	0.00160	0.13%
Fe 273.955	184800.4	5.3892 mg/L	0.01045	5.3892 mg/L	0.01045	0.19%
Mg 279.077	655361.9	25.664 mg/L	0.0544	25.664 mg/L	0.0544	0.21%
Mn 257.610	1654605.5	2.5741 mg/L	0.00942	2.5741 mg/L	0.00942	0.37%
Ni 231.604	55229.0	2.5674 mg/L	0.00045	2.5674 mg/L	0.00045	0.02%
Pb 220.353	2640.6	0.5095 mg/L	0.00107	0.5095 mg/L	0.00107	0.21%
Sb 206.836	583.4	0.5076 mg/L	0.00031	0.5076 mg/L	0.00031	0.06%
Se 196.026	354.8	0.5046 mg/L	0.00588	0.5046 mg/L	0.00588	1.16%
Tl 190.801	683.5	0.5134 mg/L	0.00091	0.5134 mg/L	0.00091	0.18%
V 292.402	267141.4	2.5535 mg/L	0.01209	2.5535 mg/L	0.01209	0.47%
Zn 206.200	67153.9	2.6200 mg/L	0.00338	2.6200 mg/L	0.00338	0.13%
Na 330.237	35377.2	23.670 mg/L	0.0393	23.670 mg/L	0.0393	0.17%
Cd 226.502	12317.5	0.2589 mg/L	0.00040	0.2589 mg/L	0.00040	0.15%
Ti 334.940	538.4	0.0008 mg/L	0.00001	0.0008 mg/L	0.00001	1.16%
Ca 227.546	6826.1	25.363 mg/L	0.0196	25.363 mg/L	0.0196	0.08%

Sequence No.: 33
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/2/2007 8:14:02 AM
Data Type: Reprocessed on 8/2/2007 10:40:50 AM

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
Ag 328.068	-49.9	-0.0004	mg/L	0.00007	-0.0004	mg/L	0.00007	17.98%
Al 308.215	635.1	0.0182	mg/L	0.00410	0.0182	mg/L	0.00410	22.50%
As 188.979	0.2	0.0003	mg/L	0.00052	0.0003	mg/L	0.00052	190.22%
Ba 233.527	152.2	0.0015	mg/L	0.00008	0.0015	mg/L	0.00008	4.93%
Be 313.107	151.1	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	17.28%
Co 228.616	16.5	0.0006	mg/L	0.00003	0.0006	mg/L	0.00003	4.98%
Cr 267.716	-8.6	-0.0002	mg/L	0.00014	-0.0002	mg/L	0.00014	84.90%
Cu 324.752	169.6	0.0006	mg/L	0.00006	0.0006	mg/L	0.00006	11.10%
Fe 273.955	434.5	0.0123	mg/L	0.00228	0.0123	mg/L	0.00228	18.44%
Mg 279.077	738.4	0.0289	mg/L	0.00401	0.0289	mg/L	0.00401	13.87%
Mn 257.610	208.2	0.0003	mg/L	0.00005	0.0003	mg/L	0.00005	16.53%
Ni 231.604	6.0	0.0003	mg/L	0.00003	0.0003	mg/L	0.00003	9.60%
Pb 220.353	1.7	0.0003	mg/L	0.00068	0.0003	mg/L	0.00068	200.34%
Sb 206.836	-0.7	-0.0006	mg/L	0.00059	-0.0006	mg/L	0.00059	98.64%
Se 196.026	2.2	0.0031	mg/L	0.00164	0.0031	mg/L	0.00164	53.17%
Tl 190.801	3.3	0.0025	mg/L	0.00114	0.0025	mg/L	0.00114	46.11%
V 292.402	39.1	0.0004	mg/L	0.00036	0.0004	mg/L	0.00036	95.66%
Zn 206.200	2.0	0.0001	mg/L	0.00034	0.0001	mg/L	0.00034	452.30%
Na 330.237	-22.0	-0.0147	mg/L	0.00860	-0.0147	mg/L	0.00860	58.56%
Cd 226.502	8.4	0.0002	mg/L	0.00009	0.0002	mg/L	0.00009	52.67%
Ti 334.940	44.5	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	65.71%
Ca 227.546	-1.8	-0.0070	mg/L	0.05407	-0.0070	mg/L	0.05407	767.18%

Sequence No.: 34
Sample ID: MB-31385,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 126
Date Collected: 8/2/2007 8:17:08 AM
Data Type: Reprocessed on 8/2/2007 10:40:51 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-31.5	-0.0002	mg/L	0.00009	-0.0002	mg/L	0.00009	39.22%

Al 308.215	297.3	0.0085 mg/L	0.00153	0.0085 mg/L	0.00153	17.89%
As 188.979	-0.0	0.0000 mg/L	0.00074	0.0000 mg/L	0.00074	>999.9%
Ba 233.527	73.5	0.0007 mg/L	0.00000	0.0007 mg/L	0.00000	0.42%
Be 313.107	16.5	0.0000 mg/L	0.00001	0.0000 mg/L	0.00001	92.15%
Co 228.616	6.3	0.0002 mg/L	0.00002	0.0002 mg/L	0.00002	7.11%
Cr 267.716	5.1	0.0001 mg/L	0.00001	0.0001 mg/L	0.00001	13.81%
Cu 324.752	237.9	0.0008 mg/L	0.00020	0.0008 mg/L	0.00020	25.55%
Fe 273.955	658.9	0.0186 mg/L	0.00061	0.0186 mg/L	0.00061	3.29%
Mg 279.077	185.8	0.0073 mg/L	0.00320	0.0073 mg/L	0.00320	43.98%
Mn 257.610	634.7	0.0010 mg/L	0.00004	0.0010 mg/L	0.00004	3.74%
Ni 231.604	5.0	0.0002 mg/L	0.00004	0.0002 mg/L	0.00004	17.52%
Pb 220.353	33.4	0.0064 mg/L	0.00030	0.0064 mg/L	0.00030	4.59%
Sb 206.836	-1.2	-0.0011 mg/L	0.00424	-0.0011 mg/L	0.00424	377.86%
Se 196.026	4.2	0.0060 mg/L	0.00129	0.0060 mg/L	0.00129	21.31%
Tl 190.801	0.7	0.0005 mg/L	0.00052	0.0005 mg/L	0.00052	95.33%
V 292.402	17.3	0.0002 mg/L	0.00022	0.0002 mg/L	0.00022	134.00%
Zn 206.200	328.2	0.0128 mg/L	0.00073	0.0128 mg/L	0.00073	5.73%
Na 330.237	37.3	0.0251 mg/L	0.05769	0.0251 mg/L	0.05769	230.00%
Cd 226.502	4.6	0.0001 mg/L	0.00002	0.0001 mg/L	0.00002	24.06%
Ti 334.940	74.8	0.0001 mg/L	0.00000	0.0001 mg/L	0.00000	2.55%
Ca 227.546	-1.9	-0.0075 mg/L	0.03466	-0.0075 mg/L	0.03466	463.37%

Sequence No.: 35
Sample ID: LCS-31385,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 127
Date Collected: 8/2/2007 8:20:16 AM
Data Type: Reprocessed on 8/2/2007 10:40:51 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	168532.5	1.1920	mg/L	0.00044	1.1920	mg/L	0.00044	0.04%
Al 308.215	339663.5	9.7304	mg/L	0.00658	9.7304	mg/L	0.00658	0.07%
As 188.979	427.9	0.5348	mg/L	0.00657	0.5348	mg/L	0.00657	1.23%
Ba 233.527	1013582.6	10.230	mg/L	0.0776	10.230	mg/L	0.0776	0.76%
Be 313.107	603665.3	0.2541	mg/L	0.00309	0.2541	mg/L	0.00309	1.21%
Co 228.616	69447.8	2.5088	mg/L	0.01415	2.5088	mg/L	0.01415	0.56%
Cr 267.716	50895.7	1.0054	mg/L	0.00539	1.0054	mg/L	0.00539	0.54%
Cu 324.752	377783.5	1.2717	mg/L	0.01180	1.2717	mg/L	0.01180	0.93%
Fe 273.955	179515.5	5.2375	mg/L	0.01385	5.2375	mg/L	0.01385	0.26%
Mg 279.077	645474.4	25.277	mg/L	0.2168	25.277	mg/L	0.2168	0.86%
Mn 257.610	1626970.6	2.5311	mg/L	0.02765	2.5311	mg/L	0.02765	1.09%
Ni 231.604	54571.2	2.5368	mg/L	0.00007	2.5368	mg/L	0.00007	0.00%
Pb 220.353	2646.9	0.5107	mg/L	0.00294	0.5107	mg/L	0.00294	0.58%
Sb 206.836	599.2	0.5226	mg/L	0.00547	0.5226	mg/L	0.00547	1.05%
Se 196.026	363.5	0.5170	mg/L	0.00476	0.5170	mg/L	0.00476	0.92%
Tl 190.801	681.6	0.5120	mg/L	0.00300	0.5120	mg/L	0.00300	0.59%
V 292.402	261935.0	2.5038	mg/L	0.04029	2.5038	mg/L	0.04029	1.61%
Zn 206.200	65293.3	2.5475	mg/L	0.00086	2.5475	mg/L	0.00086	0.03%
Na 330.237	34368.5	22.994	mg/L	0.0334	22.994	mg/L	0.0334	0.15%
Cd 226.502	12451.4	0.2617	mg/L	0.00195	0.2617	mg/L	0.00195	0.75%
Ti 334.940	-19.3	0.0002	mg/L	0.00000	0.0002	mg/L	0.00000	1.59%
Ca 227.546	6758.0	25.113	mg/L	0.0325	25.113	mg/L	0.0325	0.13%

Sequence No.: 36
Sample ID: F0936-04B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 128
Date Collected: 8/2/2007 8:23:30 AM
Data Type: Reprocessed on 8/2/2007 10:40:52 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-04B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	4959.8	-0.2259	mg/L	0.00054	-0.2259	mg/L	0.00054	0.24%
Al 308.215	13920964.0	399.59	mg/L	1.626	399.59	mg/L	1.626	0.41%

As 188.979	579.7	0.7436 mg/L	0.01786	0.7436 mg/L	0.01786	2.40%
Ba 233.527	3266151.5	32.946 mg/L	0.0724	32.946 mg/L	0.0724	0.22%
Be 313.107	58315.8	0.0307 mg/L	0.00002	0.0307 mg/L	0.00002	0.06%
Co 228.616	14041.2	0.5419 mg/L	0.00680	0.5419 mg/L	0.00680	1.26%
Cr 267.716	113452.6	2.2301 mg/L	0.00047	2.2301 mg/L	0.00047	0.02%
Cu 324.752	6218090.3	20.929 mg/L	0.0921	20.929 mg/L	0.0921	0.44%
Fe 273.955	48250872.0	1366.0 mg/L	2.66	1366.0 mg/L	2.66	0.19%
Mg 279.077	2345711.3	91.437 mg/L	0.1243	91.437 mg/L	0.1243	0.14%
Mn 257.610	16767311.6	26.084 mg/L	0.0774	26.084 mg/L	0.0774	0.30%
Ni 231.604	51413.0	2.4154 mg/L	0.00186	2.4154 mg/L	0.00186	0.08%
Pb 220.353	376569.1	72.586 mg/L	0.0636	72.586 mg/L	0.0636	0.09%
Sb 206.836	-205.3	-0.2444 mg/L	0.04156	-0.2444 mg/L	0.04156	17.00%
Se 196.026	-332.3	-0.0351 mg/L	0.05371	-0.0351 mg/L	0.05371	153.09%
Tl 190.801	-176.4	0.2089 mg/L	0.00195	0.2089 mg/L	0.00195	0.93%
V 292.402	127207.6	1.2414 mg/L	0.00100	1.2414 mg/L	0.00100	0.08%
Zn 206.200	1955925.9	76.158 mg/L	0.1145	76.158 mg/L	0.1145	0.15%
Na 330.237	164287.3	110.80 mg/L	0.644	110.80 mg/L	0.644	0.58%
Cd 226.502	29400.7	0.5420 mg/L	0.00253	0.5420 mg/L	0.00253	0.47%
Ti 334.940	3038214.5	3.3690 mg/L	0.00100	3.3690 mg/L	0.00100	0.03%
Ca 227.546	219125.7	793.95 mg/L	1.715	793.95 mg/L	1.715	0.22%

Sequence No.: 37
Sample ID: F0936-07B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 129
Date Collected: 8/2/2007 8:26:28 AM
Data Type: Reprocessed on 8/2/2007 10:40:52 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-07B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	501791.5	3.5666	mg/L	0.02230	3.5666	mg/L	0.02230	0.63%
Al 308.215	11295842.2	324.24	mg/L	0.238	324.24	mg/L	0.238	0.07%
As 188.979	676.6	0.8490	mg/L	0.00006	0.8490	mg/L	0.00006	0.01%
Ba 233.527	3966991.8	40.022	mg/L	0.1068	40.022	mg/L	0.1068	0.27%
Be 313.107	53786.9	0.0310	mg/L	0.00011	0.0310	mg/L	0.00011	0.37%
Co 228.616	5924.7	0.2450	mg/L	0.00014	0.2450	mg/L	0.00014	0.06%
Cr 267.716	48530.6	0.9529	mg/L	0.00683	0.9529	mg/L	0.00683	0.72%
Cu 324.752	4984217.7	16.784	mg/L	0.0468	16.784	mg/L	0.0468	0.28%
Fe 273.955	18853967.9	536.30	mg/L	0.637	536.30	mg/L	0.637	0.12%
Mg 279.077	2275308.1	88.856	mg/L	0.1230	88.856	mg/L	0.1230	0.14%
Mn 257.610	5614557.2	8.7344	mg/L	0.00480	8.7344	mg/L	0.00480	0.06%
Ni 231.604	15914.7	0.7609	mg/L	0.00143	0.7609	mg/L	0.00143	0.19%
Pb 220.353	158965.5	30.652	mg/L	0.0491	30.652	mg/L	0.0491	0.16%
Sb 206.836	-0.2	-0.0126	mg/L	0.00110	-0.0126	mg/L	0.00110	8.75%
Se 196.026	-65.0	0.0572	mg/L	0.00142	0.0572	mg/L	0.00142	2.48%
Tl 190.801	-37.7	0.0904	mg/L	0.00038	0.0904	mg/L	0.00038	0.42%
V 292.402	84202.8	0.8132	mg/L	0.00510	0.8132	mg/L	0.00510	0.63%
Zn 206.200	628436.7	24.466	mg/L	0.0038	24.466	mg/L	0.0038	0.02%
Na 330.237	204091.3	137.03	mg/L	0.233	137.03	mg/L	0.233	0.17%
Cd 226.502	4717.7	0.0699	mg/L	0.00065	0.0699	mg/L	0.00065	0.92%
Ti 334.940	4162888.7	4.6117	mg/L	0.00907	4.6117	mg/L	0.00907	0.20%
Ca 227.546	196334.8	726.07	mg/L	2.207	726.07	mg/L	2.207	0.30%

Sequence No.: 38
Sample ID: F0936-08B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 130
Date Collected: 8/2/2007 8:29:49 AM
Data Type: Reprocessed on 8/2/2007 10:40:53 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-08B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	444766.2	3.1676	mg/L	0.02295	3.1676	mg/L	0.02295	0.72%
Al 308.215	8021320.2	230.24	mg/L	0.808	230.24	mg/L	0.808	0.35%
As 188.979	475.5	0.5971	mg/L	0.00418	0.5971	mg/L	0.00418	0.70%

Ba 233.527	2948287.6	29.745 mg/L	0.0176	29.745 mg/L	0.0176	0.06%
Be 313.107	36209.7	0.0219 mg/L	0.00015	0.0219 mg/L	0.00015	0.70%
Co 228.616	4453.4	0.1824 mg/L	0.00076	0.1824 mg/L	0.00076	0.42%
Cr 267.716	35626.8	0.6995 mg/L	0.00613	0.6995 mg/L	0.00613	0.88%
Cu 324.752	3431696.4	11.556 mg/L	0.0237	11.556 mg/L	0.0237	0.21%
Fe 273.955	14545363.4	413.52 mg/L	1.164	413.52 mg/L	1.164	0.28%
Mg 279.077	1782839.1	69.627 mg/L	0.5051	69.627 mg/L	0.5051	0.73%
Mn 257.610	4414181.3	6.8670 mg/L	0.03117	6.8670 mg/L	0.03117	0.45%
Ni 231.604	11779.9	0.5626 mg/L	0.00033	0.5626 mg/L	0.00033	0.06%
Pb 220.353	116055.1	22.378 mg/L	0.1643	22.378 mg/L	0.1643	0.73%
Sb 206.836	46.0	0.0338 mg/L	0.00315	0.0338 mg/L	0.00315	9.34%
Se 196.026	-39.3	0.0607 mg/L	0.01370	0.0607 mg/L	0.01370	22.58%
Tl 190.801	-25.6	0.0740 mg/L	0.00111	0.0740 mg/L	0.00111	1.50%
V 292.402	60531.0	0.5852 mg/L	0.00518	0.5852 mg/L	0.00518	0.89%
Zn 206.200	449028.8	17.481 mg/L	0.1211	17.481 mg/L	0.1211	0.69%
Na 330.237	143431.2	96.404 mg/L	0.9131	96.404 mg/L	0.9131	0.95%
Cd 226.502	3266.3	0.0461 mg/L	0.00073	0.0461 mg/L	0.00073	1.58%
Ti 334.940	3342104.0	3.7018 mg/L	0.01035	3.7018 mg/L	0.01035	0.28%
Ca 227.546	143326.5	529.57 mg/L	4.357	529.57 mg/L	4.357	0.82%

Sequence No.: 39
Sample ID: F0936-12B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 131
Date Collected: 8/2/2007 8:33:10 AM
Data Type: Reprocessed on 8/2/2007 10:40:53 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-9.8	-0.0001	mg/L	0.00025	-0.0001	mg/L	0.00025	312.49%
Al 308.215	280.6	0.0081	mg/L	0.00217	0.0081	mg/L	0.00217	26.95%
As 188.979	-1.1	-0.0013	mg/L	0.00100	-0.0013	mg/L	0.00100	75.38%
Ba 233.527	287.9	0.0029	mg/L	0.00029	0.0029	mg/L	0.00029	10.00%
Be 313.107	22.2	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	0.91%
Co 228.616	2.6	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012	130.41%
Cr 267.716	5.3	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	69.19%
Cu 324.752	1308.8	0.0044	mg/L	0.00030	0.0044	mg/L	0.00030	6.70%
Fe 273.955	1822.0	0.0515	mg/L	0.00713	0.0515	mg/L	0.00713	13.85%
Mg 279.077	86.2	0.0034	mg/L	0.00130	0.0034	mg/L	0.00130	38.62%
Mn 257.610	634.7	0.0010	mg/L	0.00008	0.0010	mg/L	0.00008	7.83%
Ni 231.604	2.1	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008	76.73%
Pb 220.353	219.9	0.0424	mg/L	0.00343	0.0424	mg/L	0.00343	8.09%
Sb 206.836	-3.0	-0.0028	mg/L	0.00102	-0.0028	mg/L	0.00102	36.63%
Se 196.026	1.9	0.0028	mg/L	0.00171	0.0028	mg/L	0.00171	61.23%
Tl 190.801	2.4	0.0018	mg/L	0.00353	0.0018	mg/L	0.00353	192.43%
V 292.402	-2.3	0.0000	mg/L	0.00012	0.0000	mg/L	0.00012	568.04%
Zn 206.200	1272.8	0.0496	mg/L	0.00272	0.0496	mg/L	0.00272	5.49%
Na 330.237	125.1	0.0841	mg/L	0.02258	0.0841	mg/L	0.02258	26.85%
Cd 226.502	5.3	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	25.11%
Ti 334.940	595.6	0.0007	mg/L	0.00012	0.0007	mg/L	0.00012	17.62%
Ca 227.546	3.6	0.0124	mg/L	0.03362	0.0124	mg/L	0.03362	270.88%

Sequence No.: 40
Sample ID: F0936-12B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 131
Date Collected: 8/2/2007 8:37:02 AM
Data Type: Reprocessed on 8/2/2007 10:40:54 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	18475.9	-0.1191	mg/L	0.00108	-0.1191	mg/L	0.00108	0.90%
Al 308.215	59218067.0	1699.8	mg/L	5.48	1699.8	mg/L	5.48	0.32%
As 188.979	141.8	0.2643	mg/L	0.02850	0.2643	mg/L	0.02850	10.79%
Ba 233.527	1027036.6	10.357	mg/L	0.0246	10.357	mg/L	0.0246	0.24%

Be 313.107	359028.0	0.1517 mg/L	0.00043	0.1517 mg/L	0.00043	0.29%
Co 228.616	44198.0	1.7143 mg/L	0.02558	1.7143 mg/L	0.02558	1.49%
Cr 267.716	173921.8	3.4330 mg/L	0.00691	3.4330 mg/L	0.00691	0.20%
Cu 324.752	13763669.1	46.346 mg/L	0.0927	46.346 mg/L	0.0927	0.20%
Fe 273.955	53926282.1	1537.6 mg/L	0.76	1537.6 mg/L	0.76	0.05%
Mg 279.077	12581062.3	491.40 mg/L	1.949	491.40 mg/L	1.949	0.40%
Mn 257.610	Saturated2					
Ni 231.604	95469.1	4.5232 mg/L	0.01773	4.5232 mg/L	0.01773	0.39%
Pb 220.353	575991.2	111.10 mg/L	0.338	111.10 mg/L	0.338	0.30%
Sb 206.836	-233.7	-0.3040 mg/L	0.01163	-0.3040 mg/L	0.01163	3.83%
Se 196.026	-722.5	-0.5491 mg/L	0.01521	-0.5491 mg/L	0.01521	2.77%
Tl 190.801	-308.1	0.0279 mg/L	0.02691	0.0279 mg/L	0.02691	96.50%
V 292.402	446997.3	4.2962 mg/L	0.00656	4.2962 mg/L	0.00656	0.15%
Zn 206.200	1801860.1	70.137 mg/L	0.1326	70.137 mg/L	0.1326	0.19%
Na 330.237	295494.3	195.94 mg/L	0.611	195.94 mg/L	0.611	0.31%
Cd 226.502	32977.8	0.6091 mg/L	0.00278	0.6091 mg/L	0.00278	0.46%
Ti 334.940	251919.4	0.3019 mg/L	0.00095	0.3019 mg/L	0.00095	0.32%
Ca 227.546	529444.4	1955.8 mg/L	9.24	1955.8 mg/L	9.24	0.47%

Sequence No.: 41
Sample ID: F0936-12BDUP,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 132
Date Collected: 8/2/2007 8:40:06 AM
Data Type: Reprocessed on 8/2/2007 10:40:54 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	15556.0	-0.1411	mg/L	0.00006	-0.1411	mg/L	0.00006	0.04%
Al 308.215	59151481.8	1697.9	mg/L	0.72	1697.9	mg/L	0.72	0.04%
As 188.979	117.7	0.2366	mg/L	0.03783	0.2366	mg/L	0.03783	15.98%
Ba 233.527	988624.7	9.9693	mg/L	0.01225	9.9693	mg/L	0.01225	0.12%
Be 313.107	359640.6	0.1520	mg/L	0.00026	0.1520	mg/L	0.00026	0.17%
Co 228.616	44377.2	1.7205	mg/L	0.00452	1.7205	mg/L	0.00452	0.26%
Cr 267.716	179785.8	3.5489	mg/L	0.00859	3.5489	mg/L	0.00859	0.24%
Cu 324.752	13691662.8	46.104	mg/L	0.0004	46.104	mg/L	0.0004	0.00%
Fe 273.955	54124382.8	1543.1	mg/L	0.12	1543.1	mg/L	0.12	0.01%
Mg 279.077	12619413.7	492.90	mg/L	0.124	492.90	mg/L	0.124	0.03%
Mn 257.610	Saturated2							
Ni 231.604	95832.4	4.5400	mg/L	0.01819	4.5400	mg/L	0.01819	0.40%
Pb 220.353	580378.1	111.95	mg/L	0.213	111.95	mg/L	0.213	0.19%
Sb 206.836	-202.1	-0.2790	mg/L	0.02055	-0.2790	mg/L	0.02055	7.36%
Se 196.026	-750.1	-0.5862	mg/L	0.00465	-0.5862	mg/L	0.00465	0.79%
Tl 190.801	-350.4	-0.0022	mg/L	0.03434	-0.0022	mg/L	0.03434	>999.9%
V 292.402	440783.2	4.2372	mg/L	0.00774	4.2372	mg/L	0.00774	0.18%
Zn 206.200	1819360.0	70.819	mg/L	0.0872	70.819	mg/L	0.0872	0.12%
Na 330.237	295382.6	195.87	mg/L	0.353	195.87	mg/L	0.353	0.18%
Cd 226.502	33125.0	0.6119	mg/L	0.00067	0.6119	mg/L	0.00067	0.11%
Ti 334.940	247600.2	0.2971	mg/L	0.00081	0.2971	mg/L	0.00081	0.27%
Ca 227.546	528533.0	1952.3	mg/L	0.71	1952.3	mg/L	0.71	0.04%

Sequence No.: 42
Sample ID: F0936-12BMS,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 8/2/2007 8:43:10 AM
Data Type: Reprocessed on 8/2/2007 10:40:55 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BMS,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	26974.7	0.0280	mg/L	0.00071	0.0280	mg/L	0.00071	2.55%
Al 308.215	59860174.9	1718.3	mg/L	1.29	1718.3	mg/L	1.29	0.08%
As 188.979	-49.5	0.0376	mg/L	0.00542	0.0376	mg/L	0.00542	14.40%
Ba 233.527	2126340.0	21.444	mg/L	0.0077	21.444	mg/L	0.0077	0.04%
Be 313.107	467699.6	0.1971	mg/L	0.00001	0.1971	mg/L	0.00001	0.00%

Co 228.616	56734.9	2.1677	mg/L	0.02055	2.1677	mg/L	0.02055	0.95%
Cr 267.716	188056.3	3.7075	mg/L	0.00739	3.7075	mg/L	0.00739	0.20%
Cu 324.752	14177307.1	47.739	mg/L	0.0433	47.739	mg/L	0.0433	0.09%
Fe 273.955	49439523.5	1411.2	mg/L	0.99	1411.2	mg/L	0.99	0.07%
Mg 279.077	13648822.4	533.22	mg/L	0.354	533.22	mg/L	0.354	0.07%
Mn 257.610	Saturated2							
Ni 231.604	113920.3	5.3813	mg/L	0.01386	5.3813	mg/L	0.01386	0.26%
Pb 220.353	628835.5	121.29	mg/L	0.082	121.29	mg/L	0.082	0.07%
Sb 206.836	-160.2	-0.2524	mg/L	0.02519	-0.2524	mg/L	0.02519	9.98%
Se 196.026	-535.9	-0.3300	mg/L	0.02409	-0.3300	mg/L	0.02409	7.30%
Tl 190.801	-186.9	0.0881	mg/L	0.01702	0.0881	mg/L	0.01702	19.31%
V 292.402	-4824.6	-0.0210	mg/L	0.00146	-0.0210	mg/L	0.00146	6.94%
Zn 206.200	2011444.4	78.299	mg/L	0.0419	78.299	mg/L	0.0419	0.05%
Na 330.237	306683.3	203.30	mg/L	0.195	203.30	mg/L	0.195	0.10%
Cd 226.502	31099.3	0.5771	mg/L	0.00099	0.5771	mg/L	0.00099	0.17%
Ti 334.940	130639.7	0.1677	mg/L	0.00380	0.1677	mg/L	0.00380	2.26%
Ca 227.546	528155.7	1953.7	mg/L	3.12	1953.7	mg/L	3.12	0.16%

Sequence No.: 43
Sample ID: F0936-12BSD,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 133
Date Collected: 8/2/2007 8:46:13 AM
Data Type: Reprocessed on 8/2/2007 10:40:55 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	4603.7	-0.1618	mg/L	0.00202	-0.1618	mg/L	0.00202	1.25%
Al 308.215	19703857.9	565.58	mg/L	3.625	565.58	mg/L	3.625	0.64%
As 188.979	41.0	0.0701	mg/L	0.01395	0.0701	mg/L	0.01395	19.89%
Ba 233.527	324031.0	3.2642	mg/L	0.00547	3.2642	mg/L	0.00547	0.17%
Be 313.107	108785.5	0.0460	mg/L	0.00025	0.0460	mg/L	0.00025	0.54%
Co 228.616	15152.9	0.5711	mg/L	0.00147	0.5711	mg/L	0.00147	0.26%
Cr 267.716	53340.8	1.0388	mg/L	0.00532	1.0388	mg/L	0.00532	0.51%
Cu 324.752	3329579.2	11.205	mg/L	0.0341	11.205	mg/L	0.0341	0.30%
Fe 273.955	33499557.2	949.48	mg/L	3.743	949.48	mg/L	3.743	0.39%
Mg 279.077	4351146.9	170.01	mg/L	0.262	170.01	mg/L	0.262	0.15%
Mn 257.610	13510491.9	21.018	mg/L	0.1063	21.018	mg/L	0.1063	0.51%
Ni 231.604	32303.1	1.5255	mg/L	0.01398	1.5255	mg/L	0.01398	0.92%
Pb 220.353	205134.5	39.561	mg/L	0.2197	39.561	mg/L	0.2197	0.56%
Sb 206.836	-126.9	-0.1471	mg/L	0.00025	-0.1471	mg/L	0.00025	0.17%
Se 196.026	-194.8	0.0389	mg/L	0.04070	0.0389	mg/L	0.04070	104.64%
Tl 190.801	-76.7	0.1630	mg/L	0.00214	0.1630	mg/L	0.00214	1.31%
V 292.402	129371.4	1.2540	mg/L	0.00777	1.2540	mg/L	0.00777	0.62%
Zn 206.200	800353.7	31.158	mg/L	0.1323	31.158	mg/L	0.1323	0.42%
Na 330.237	70344.1	47.310	mg/L	0.0264	47.310	mg/L	0.0264	0.06%
Cd 226.502	9509.8	0.1479	mg/L	0.00054	0.1479	mg/L	0.00054	0.37%
Ti 334.940	70347.1	0.0832	mg/L	0.00001	0.0832	mg/L	0.00001	0.01%
Ca 227.546	124207.4	446.33	mg/L	1.313	446.33	mg/L	1.313	0.29%

Sequence No.: 44
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/2/2007 8:49:03 AM
Data Type: Reprocessed on 8/2/2007 10:40:55 AM

Initial Sample Vol:
Sample Prep Vol:

JW 8/2/07

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	170594.4	1.2063	mg/L	0.00832	1.2063	mg/L	0.00832	0.69%
Al 308.215	347974.5	9.9686	mg/L	0.05503	9.9686	mg/L	0.05503	0.55%
As 188.979	441.8	0.5519	mg/L	0.00797	0.5519	mg/L	0.00797	1.44%
Ba 233.527	1073106.1	10.830	mg/L	0.0130	10.830	mg/L	0.0130	0.12%
Be 313.107	609995.4	0.2568	mg/L	0.00002	0.2568	mg/L	0.00002	0.01%
Co 228.616	71559.8	2.5851	mg/L	0.00335	2.5851	mg/L	0.00335	0.13%

Cr 267.716	51932.7	1.0259 mg/L	0.00617	1.0259 mg/L	0.00617	0.60%
Cu 324.752	382656.6	1.2881 mg/L	0.00029	1.2881 mg/L	0.00029	0.02%
Fe 273.955	188107.5	5.4835 mg/L	0.01718	5.4835 mg/L	0.01718	0.31%
Mg 279.077	665843.2	26.074 mg/L	0.0453	26.074 mg/L	0.0453	0.17%
Mn 257.610	1675641.0	2.6068 mg/L	0.00569	2.6068 mg/L	0.00569	0.22%
Ni 231.604	55829.8	2.5953 mg/L	0.01281	2.5953 mg/L	0.01281	0.49%
Pb 220.353	3222.9	0.6217 mg/L	0.00022	0.6217 mg/L	0.00022	0.04%
Sb 206.836	601.4	0.5241 mg/L	0.00598	0.5241 mg/L	0.00598	1.14%
Se 196.026	363.9	0.5176 mg/L	0.00666	0.5176 mg/L	0.00666	1.29%
Tl 190.801	698.6	0.5247 mg/L	0.00275	0.5247 mg/L	0.00275	0.52%
V 292.402	267612.6	2.5580 mg/L	0.00178	2.5580 mg/L	0.00178	0.07%
Zn 206.200	70609.8	2.7546 mg/L	0.01257	2.7546 mg/L	0.01257	0.46%
Na 330.237	35816.5	23.964 mg/L	0.2051	23.964 mg/L	0.2051	0.86%
Cd 226.502	12554.6	0.2639 mg/L	0.00166	0.2639 mg/L	0.00166	0.63%
Ti 334.940	630.3	0.0009 mg/L	0.00000	0.0009 mg/L	0.00000	0.09%
Ca 227.546	6873.8	25.539 mg/L	0.1168	25.539 mg/L	0.1168	0.46%

Sequence No.: 45
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/2/2007 8:55:15 AM
Data Type: Reprocessed on 8/2/2007 10:40:56 AM

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
Ag 328.068	170929.7	1.2086	mg/L	0.00386	1.2086	mg/L	0.00386	0.32%
Al 308.215	348277.2	9.9771	mg/L	0.04845	9.9771	mg/L	0.04845	0.49%
As 188.979	440.7	0.5507	mg/L	0.00221	0.5507	mg/L	0.00221	0.40%
Ba 233.527	1073520.3	10.835	mg/L	0.0161	10.835	mg/L	0.0161	0.15%
Be 313.107	610851.7	0.2571	mg/L	0.00035	0.2571	mg/L	0.00035	0.14%
Co 228.616	72214.5	2.6088	mg/L	0.00653	2.6088	mg/L	0.00653	0.25%
Cr 267.716	52211.3	1.0314	mg/L	0.00032	1.0314	mg/L	0.00032	0.03%
Cu 324.752	380894.9	1.2822	mg/L	0.00229	1.2822	mg/L	0.00229	0.18%
Fe 273.955	186752.0	5.4457	mg/L	0.03018	5.4457	mg/L	0.03018	0.55%
Mg 279.077	668349.9	26.172	mg/L	0.0329	26.172	mg/L	0.0329	0.13%
Mn 257.610	1677866.9	2.6103	mg/L	0.00302	2.6103	mg/L	0.00302	0.12%
Ni 231.604	56130.1	2.6093	mg/L	0.00486	2.6093	mg/L	0.00486	0.19%
Pb 220.353	2964.1	0.5718	mg/L	0.00215	0.5718	mg/L	0.00215	0.38%
Sb 206.836	599.0	0.5216	mg/L	0.00094	0.5216	mg/L	0.00094	0.18%
Se 196.026	366.4	0.5212	mg/L	0.00828	0.5212	mg/L	0.00828	1.59%
Tl 190.801	697.6	0.5240	mg/L	0.00145	0.5240	mg/L	0.00145	0.28%
V 292.402	268726.1	2.5687	mg/L	0.00864	2.5687	mg/L	0.00864	0.34%
Zn 206.200	69808.1	2.7234	mg/L	0.00829	2.7234	mg/L	0.00829	0.30%
Na 330.237	35883.1	24.009	mg/L	0.0985	24.009	mg/L	0.0985	0.41%
Cd 226.502	12560.5	0.2640	mg/L	0.00042	0.2640	mg/L	0.00042	0.16%
Ti 334.940	599.8	0.0009	mg/L	0.00016	0.0009	mg/L	0.00016	19.04%
Ca 227.546	6887.7	25.591	mg/L	0.0160	25.591	mg/L	0.0160	0.06%

Sequence No.: 46
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/2/2007 8:58:27 AM
Data Type: Reprocessed on 8/2/2007 10:40:56 AM

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
Ag 328.068	-28.9	-0.0002	mg/L	0.00026	-0.0002	mg/L	0.00026	122.25%
Al 308.215	70.8	0.0020	mg/L	0.00207	0.0020	mg/L	0.00207	101.95%
As 188.979	0.3	0.0004	mg/L	0.00193	0.0004	mg/L	0.00193	484.99%
Ba 233.527	57.3	0.0006	mg/L	0.00004	0.0006	mg/L	0.00004	6.41%
Be 313.107	16.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	83.67%
Co 228.616	2.6	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	12.78%
Cr 267.716	-2.6	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	65.55%

Cu 324.752	606.1	0.0020 mg/L	0.00012	0.0020 mg/L	0.00012	5.70%
Fe 273.955	1217.6	0.0345 mg/L	0.00139	0.0345 mg/L	0.00139	4.03%
Mg 279.077	103.8	0.0041 mg/L	0.00263	0.0041 mg/L	0.00263	64.91%
Mn 257.610	416.1	0.0006 mg/L	0.00004	0.0006 mg/L	0.00004	6.81%
Ni 231.604	1.0	0.0000 mg/L	0.00008	0.0000 mg/L	0.00008	179.99%
Pb 220.353	139.5	0.0269 mg/L	0.00064	0.0269 mg/L	0.00064	2.39%
Sb 206.836	0.8	0.0007 mg/L	0.00259	0.0007 mg/L	0.00259	359.52%
Se 196.026	2.5	0.0036 mg/L	0.00056	0.0036 mg/L	0.00056	15.47%
Tl 190.801	-0.4	-0.0003 mg/L	0.00172	-0.0003 mg/L	0.00172	572.51%
V 292.402	7.9	0.0001 mg/L	0.00012	0.0001 mg/L	0.00012	151.65%
Zn 206.200	281.2	0.0109 mg/L	0.00046	0.0109 mg/L	0.00046	4.19%
Na 330.237	-243.6	-0.1634 mg/L	0.04829	-0.1634 mg/L	0.04829	29.55%
Cd 226.502	16.2	0.0003 mg/L	0.00015	0.0003 mg/L	0.00015	43.95%
Ti 334.940	42.7	0.0000 mg/L	0.00008	0.0000 mg/L	0.00008	168.00%
Ca 227.546	7.5	0.0273 mg/L	0.03550	0.0273 mg/L	0.03550	130.02%

Sequence No.: 47
Sample ID: F0936-12BPDS,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 8/2/2007 9:01:33 AM
Data Type: Reprocessed on 8/2/2007 10:40:57 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BPDS,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	20677.5	-0.1123	mg/L	0.00272	-0.1123	mg/L	0.00272	2.42%
Al 308.215	58498836.9	1679.2	mg/L	8.42	1679.2	mg/L	8.42	0.50%
As 188.979	157.6	0.2826	mg/L	0.01586	0.2826	mg/L	0.01586	5.61%
Ba 233.527	1020644.7	10.292	mg/L	0.0664	10.292	mg/L	0.0664	0.65%
Be 313.107	373631.5	0.1579	mg/L	0.00128	0.1579	mg/L	0.00128	0.81%
Co 228.616	45409.3	1.7562	mg/L	0.02094	1.7562	mg/L	0.02094	1.19%
Cr 267.716	174430.7	3.4437	mg/L	0.00904	3.4437	mg/L	0.00904	0.26%
Cu 324.752	13476823.5	45.380	mg/L	0.0417	45.380	mg/L	0.0417	0.09%
Fe 273.955	54906184.3	1565.0	mg/L	0.25	1565.0	mg/L	0.25	0.02%
Mg 279.077	12778231.0	499.10	mg/L	0.337	499.10	mg/L	0.337	0.07%
Mn 257.610	Saturated2							
Ni 231.604	97387.8	4.6113	mg/L	0.01585	4.6113	mg/L	0.01585	0.34%
Pb 220.353	582130.2	112.28	mg/L	0.568	112.28	mg/L	0.568	0.51%
Sb 206.836	-108.1	-0.1886	mg/L	0.01489	-0.1886	mg/L	0.01489	7.89%
Se 196.026	-680.9	-0.4787	mg/L	0.06012	-0.4787	mg/L	0.06012	12.56%
Tl 190.801	-282.4	0.0556	mg/L	0.00448	0.0556	mg/L	0.00448	8.07%
V 292.402	451505.9	4.3399	mg/L	0.01677	4.3399	mg/L	0.01677	0.39%
Zn 206.200	1843301.1	71.751	mg/L	0.1903	71.751	mg/L	0.1903	0.27%
Na 330.237	311022.0	206.44	mg/L	2.453	206.44	mg/L	2.453	1.19%
Cd 226.502	33134.4	0.6109	mg/L	0.00855	0.6109	mg/L	0.00855	1.40%
Ti 334.940	276231.2	0.3285	mg/L	0.00684	0.3285	mg/L	0.00684	2.08%
Ca 227.546	522926.6	1930.7	mg/L	23.49	1930.7	mg/L	23.49	1.22%

Sequence No.: 48
Sample ID: F0936-15B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 134
Date Collected: 8/2/2007 9:04:36 AM
Data Type: Reprocessed on 8/2/2007 10:40:57 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-15B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-4.3	0.0009	mg/L	0.00028	0.0009	mg/L	0.00028	31.77%
Al 308.215	257392.0	7.3882	mg/L	0.02182	7.3882	mg/L	0.02182	0.30%
As 188.979	3.5	0.0058	mg/L	0.00178	0.0058	mg/L	0.00178	30.78%
Ba 233.527	55502.5	0.5598	mg/L	0.00601	0.5598	mg/L	0.00601	1.07%
Be 313.107	682.9	0.0004	mg/L	0.00003	0.0004	mg/L	0.00003	6.60%
Co 228.616	339.1	0.0194	mg/L	0.00005	0.0194	mg/L	0.00005	0.27%
Cr 267.716	793.3	0.0143	mg/L	0.00005	0.0143	mg/L	0.00005	0.34%
Cu 324.752	18041.1	0.0638	mg/L	0.00067	0.0638	mg/L	0.00067	1.04%

Fe 273.955	1328927.4	38.009	mg/L	0.0180	38.009	mg/L	0.0180	0.05%
Mg 279.077	826440.3	32.329	mg/L	0.0815	32.329	mg/L	0.0815	0.25%
Mn 257.610	1186117.3	1.8452	mg/L	0.00460	1.8452	mg/L	0.00460	0.25%
Ni 231.604	1044.9	0.0515	mg/L	0.00028	0.0515	mg/L	0.00028	0.54%
Pb 220.353	2357.2	0.4554	mg/L	0.01003	0.4554	mg/L	0.01003	2.20%
Sb 206.836	-4.0	-0.0010	mg/L	0.00014	-0.0010	mg/L	0.00014	14.79%
Se 196.026	13.2	0.0226	mg/L	0.00178	0.0226	mg/L	0.00178	7.86%
Tl 190.801	-6.2	0.0070	mg/L	0.00342	0.0070	mg/L	0.00342	49.14%
V 292.402	2091.9	0.0208	mg/L	0.00027	0.0208	mg/L	0.00027	1.29%
Zn 206.200	10369.8	0.4039	mg/L	0.00741	0.4039	mg/L	0.00741	1.83%
Na 330.237	45088.2	30.070	mg/L	0.3486	30.070	mg/L	0.3486	1.16%
Cd 226.502	143.3	0.0010	mg/L	0.00005	0.0010	mg/L	0.00005	4.95%
Ti 334.940	62716.5	0.0707	mg/L	0.00081	0.0707	mg/L	0.00081	1.14%
Ca 227.546	31053.7	115.85	mg/L	1.398	115.85	mg/L	1.398	1.21%

Sequence No.: 49
Sample ID: F0936-17B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 135
Date Collected: 8/2/2007 9:07:49 AM
Data Type: Reprocessed on 8/2/2007 10:40:58 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-17B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-24.9	-0.1042	mg/L	0.00051	-0.1042	mg/L	0.00051	0.49%
Al 308.215	9063424.1	260.16	mg/L	0.816	260.16	mg/L	0.816	0.31%
As 188.979	116.3	0.1490	mg/L	0.00514	0.1490	mg/L	0.00514	3.45%
Ba 233.527	623650.9	6.2891	mg/L	0.01687	6.2891	mg/L	0.01687	0.27%
Be 313.107	31976.0	0.0154	mg/L	0.00004	0.0154	mg/L	0.00004	0.23%
Co 228.616	9858.6	0.3653	mg/L	0.00027	0.3653	mg/L	0.00027	0.07%
Cr 267.716	21606.3	0.4119	mg/L	0.00128	0.4119	mg/L	0.00128	0.31%
Cu 324.752	304473.0	1.0264	mg/L	0.00034	1.0264	mg/L	0.00034	0.03%
Fe 273.955	18620097.2	527.42	mg/L	1.707	527.42	mg/L	1.707	0.32%
Mg 279.077	2463058.2	96.327	mg/L	0.2344	96.327	mg/L	0.2344	0.24%
Mn 257.610	12462345.8	19.387	mg/L	0.0357	19.387	mg/L	0.0357	0.18%
Ni 231.604	13260.8	0.6277	mg/L	0.00052	0.6277	mg/L	0.00052	0.08%
Pb 220.353	2795.4	0.5525	mg/L	0.00275	0.5525	mg/L	0.00275	0.50%
Sb 206.836	-60.0	-0.0644	mg/L	0.00295	-0.0644	mg/L	0.00295	4.58%
Se 196.026	-80.1	0.0528	mg/L	0.00492	0.0528	mg/L	0.00492	9.31%
Tl 190.801	-19.9	0.1208	mg/L	0.00192	0.1208	mg/L	0.00192	1.59%
V 292.402	41282.3	0.4052	mg/L	0.00108	0.4052	mg/L	0.00108	0.27%
Zn 206.200	56978.8	2.2177	mg/L	0.00344	2.2177	mg/L	0.00344	0.16%
Na 330.237	12539.5	8.7404	mg/L	0.06089	8.7404	mg/L	0.06089	0.70%
Cd 226.502	2056.7	0.0145	mg/L	0.00007	0.0145	mg/L	0.00007	0.47%
Ti 334.940	980997.6	1.0876	mg/L	0.00194	1.0876	mg/L	0.00194	0.18%
Ca 227.546	65036.9	233.13	mg/L	0.824	233.13	mg/L	0.824	0.35%

Sequence No.: 50
Sample ID: F0981-01B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 136
Date Collected: 8/2/2007 9:11:13 AM
Data Type: Reprocessed on 8/2/2007 10:40:58 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-01B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	9788.9	-0.1231	mg/L	0.00236	-0.1231	mg/L	0.00236	1.92%
Al 308.215	19561438.7	561.49	mg/L	3.833	561.49	mg/L	3.833	0.68%
As 188.979	649.1	0.8313	mg/L	0.00141	0.8313	mg/L	0.00141	0.17%
Ba 233.527	1923497.7	19.401	mg/L	0.0505	19.401	mg/L	0.0505	0.26%
Be 313.107	112796.3	0.0544	mg/L	0.00017	0.0544	mg/L	0.00017	0.32%
Co 228.616	16063.6	0.6420	mg/L	0.00616	0.6420	mg/L	0.00616	0.96%
Cr 267.716	89008.2	1.7448	mg/L	0.00143	1.7448	mg/L	0.00143	0.08%
Cu 324.752	3683672.4	12.418	mg/L	0.0248	12.418	mg/L	0.0248	0.20%
Fe 273.955	41899028.4	1189.4	mg/L	5.10	1189.4	mg/L	5.10	0.43%

Mg 279.077	4478750.1	174.92	mg/L	0.430	174.92	mg/L	0.430	0.25%
Mn 257.610	15028173.1	23.379	mg/L	0.1850	23.379	mg/L	0.1850	0.79%
Ni 231.604	31040.0	1.4831	mg/L	0.01831	1.4831	mg/L	0.01831	1.23%
Pb 220.353	487044.5	93.892	mg/L	0.1903	93.892	mg/L	0.1903	0.20%
Sb 206.836	-172.0	-0.1873	mg/L	0.00647	-0.1873	mg/L	0.00647	3.46%
Se 196.026	-258.6	-0.0236	mg/L	0.04008	-0.0236	mg/L	0.04008	169.85%
Tl 190.801	-119.2	0.1935	mg/L	0.01958	0.1935	mg/L	0.01958	10.12%
V 292.402	175515.8	1.6996	mg/L	0.00341	1.6996	mg/L	0.00341	0.20%
Zn 206.200	1401374.1	54.561	mg/L	0.1158	54.561	mg/L	0.1158	0.21%
Na 330.237	111340.6	74.326	mg/L	0.2356	74.326	mg/L	0.2356	0.32%
Cd 226.502	12489.9	0.1973	mg/L	0.00072	0.1973	mg/L	0.00072	0.37%
Ti 334.940	3426564.9	3.8034	mg/L	0.00701	3.8034	mg/L	0.00701	0.18%
Ca 227.546	330011.1	1214.4	mg/L	3.23	1214.4	mg/L	3.23	0.27%

Sequence No.: 51
Sample ID: F0981-06B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 137
Date Collected: 8/2/2007 9:14:04 AM
Data Type: Reprocessed on 8/2/2007 10:40:59 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-531.5	-0.2012	mg/L	0.00047	-0.2012	mg/L	0.00047	0.23%
Al 308.215	25791691.3	740.33	mg/L	2.060	740.33	mg/L	2.060	0.28%
As 188.979	433.3	0.5650	mg/L	0.00676	0.5650	mg/L	0.00676	1.20%
Ba 233.527	702487.6	7.0801	mg/L	0.04134	7.0801	mg/L	0.04134	0.58%
Be 313.107	93427.6	0.0434	mg/L	0.00030	0.0434	mg/L	0.00030	0.68%
Co 228.616	28134.9	1.0945	mg/L	0.00160	1.0945	mg/L	0.00160	0.15%
Cr 267.716	59636.6	1.1835	mg/L	0.01005	1.1835	mg/L	0.01005	0.85%
Cu 324.752	1079754.5	3.6629	mg/L	0.01791	3.6629	mg/L	0.01791	0.49%
Fe 273.955	44665270.3	1269.4	mg/L	0.92	1269.4	mg/L	0.92	0.07%
Mg 279.077	11215805.2	438.12	mg/L	0.855	438.12	mg/L	0.855	0.20%
Mn 257.610	Saturated2							
Ni 231.604	41432.8	1.9767	mg/L	0.01175	1.9767	mg/L	0.01175	0.59%
Pb 220.353	13182.3	2.5982	mg/L	0.01033	2.5982	mg/L	0.01033	0.40%
Sb 206.836	-165.6	-0.1627	mg/L	0.00360	-0.1627	mg/L	0.00360	2.21%
Se 196.026	-258.1	0.0121	mg/L	0.03646	0.0121	mg/L	0.03646	300.86%
Tl 190.801	-91.9	0.1975	mg/L	0.00168	0.1975	mg/L	0.00168	0.85%
V 292.402	106587.7	1.0409	mg/L	0.00738	1.0409	mg/L	0.00738	0.71%
Zn 206.200	157670.0	6.1317	mg/L	0.04114	6.1317	mg/L	0.04114	0.67%
Na 330.237	172672.1	114.83	mg/L	0.527	114.83	mg/L	0.527	0.46%
Cd 226.502	7464.6	0.0880	mg/L	0.00001	0.0880	mg/L	0.00001	0.01%
Ti 334.940	2042057.1	2.2750	mg/L	0.01261	2.2750	mg/L	0.01261	0.55%
Ca 227.546	382488.1	1409.8	mg/L	6.34	1409.8	mg/L	6.34	0.45%

Sequence No.: 52
Sample ID: F0981-06BSD,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 8/2/2007 9:17:03 AM
Data Type: Reprocessed on 8/2/2007 10:40:59 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-53.4	-0.0873	mg/L	0.00037	-0.0873	mg/L	0.00037	0.43%
Al 308.215	6645163.9	190.74	mg/L	1.162	190.74	mg/L	1.162	0.61%
As 188.979	94.1	0.1206	mg/L	0.00480	0.1206	mg/L	0.00480	3.98%
Ba 233.527	188833.6	1.9021	mg/L	0.01954	1.9021	mg/L	0.01954	1.03%
Be 313.107	24593.9	0.0114	mg/L	0.00014	0.0114	mg/L	0.00014	1.21%
Co 228.616	7919.4	0.3025	mg/L	0.00146	0.3025	mg/L	0.00146	0.48%
Cr 267.716	15849.7	0.2989	mg/L	0.00538	0.2989	mg/L	0.00538	1.80%
Cu 324.752	242588.0	0.8211	mg/L	0.00388	0.8211	mg/L	0.00388	0.47%
Fe 273.955	17369966.1	492.19	mg/L	1.901	492.19	mg/L	1.901	0.39%
Mg 279.077	3115419.9	121.86	mg/L	0.576	121.86	mg/L	0.576	0.47%

Mn 257.610	12365935.9	19.237	mg/L	0.0521	19.237	mg/L	0.0521	0.27%
Ni 231.604	11387.7	0.5414	mg/L	0.00275	0.5414	mg/L	0.00275	0.51%
Pb 220.353	3827.8	0.7482	mg/L	0.00525	0.7482	mg/L	0.00525	0.70%
Sb 206.836	-52.5	-0.0509	mg/L	0.00351	-0.0509	mg/L	0.00351	6.89%
Se 196.026	-51.5	0.0723	mg/L	0.00171	0.0723	mg/L	0.00171	2.36%
Tl 190.801	-25.5	0.1136	mg/L	0.00781	0.1136	mg/L	0.00781	6.87%
V 292.402	27353.2	0.2715	mg/L	0.00536	0.2715	mg/L	0.00536	1.97%
Zn 206.200	47014.3	1.8306	mg/L	0.00730	1.8306	mg/L	0.00730	0.40%
Na 330.237	34390.2	23.077	mg/L	0.1441	23.077	mg/L	0.1441	0.62%
Cd 226.502	1702.8	0.0090	mg/L	0.00041	0.0090	mg/L	0.00041	4.54%
Ti 334.940	517674.9	0.5763	mg/L	0.00288	0.5763	mg/L	0.00288	0.50%
Ca 227.546	87571.5	318.54	mg/L	3.606	318.54	mg/L	3.606	1.13%

Sequence No.: 53
Sample ID: CRI
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/2/2007 9:20:27 AM
Data Type: Reprocessed on 8/2/2007 10:41:00 AM

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
Ag 328.068	1514.4	0.0107	mg/L	0.00034	0.0107	mg/L	0.00034	3.16%
Al 308.215	8947.4	0.2565	mg/L	0.02059	0.2565	mg/L	0.02059	8.03%
As 188.979	9.5	0.0117	mg/L	0.00013	0.0117	mg/L	0.00013	1.07%
Ba 233.527	23367.7	0.2358	mg/L	0.00173	0.2358	mg/L	0.00173	0.74%
Be 313.107	12637.3	0.0053	mg/L	0.00002	0.0053	mg/L	0.00002	0.35%
Co 228.616	1544.0	0.0561	mg/L	0.00026	0.0561	mg/L	0.00026	0.46%
Cr 267.716	536.9	0.0106	mg/L	0.00002	0.0106	mg/L	0.00002	0.23%
Cu 324.752	8356.6	0.0283	mg/L	0.00071	0.0283	mg/L	0.00071	2.51%
Fe 273.955	10023.1	0.3101	mg/L	0.02361	0.3101	mg/L	0.02361	7.61%
Mg 279.077	142249.1	5.5640	mg/L	0.04215	5.5640	mg/L	0.04215	0.76%
Mn 257.610	14043.5	0.0218	mg/L	0.00071	0.0218	mg/L	0.00071	3.24%
Ni 231.604	968.7	0.0451	mg/L	0.00003	0.0451	mg/L	0.00003	0.06%
Pb 220.353	191.2	0.0369	mg/L	0.00145	0.0369	mg/L	0.00145	3.93%
Sb 206.836	76.1	0.0700	mg/L	0.00058	0.0700	mg/L	0.00058	0.83%
Se 196.026	29.6	0.0419	mg/L	0.00144	0.0419	mg/L	0.00144	3.44%
Tl 190.801	37.9	0.0284	mg/L	0.00045	0.0284	mg/L	0.00045	1.58%
V 292.402	5637.7	0.0539	mg/L	0.00017	0.0539	mg/L	0.00017	0.32%
Zn 206.200	2117.9	0.0826	mg/L	0.00032	0.0826	mg/L	0.00032	0.39%
Na 330.237	5988.5	4.0072	mg/L	0.04938	4.0072	mg/L	0.04938	1.23%
Cd 226.502	282.4	0.0059	mg/L	0.00001	0.0059	mg/L	0.00001	0.21%
Ti 334.940	264.9	0.0004	mg/L	0.00004	0.0004	mg/L	0.00004	11.22%
Ca 227.546	1374.7	5.1543	mg/L	0.04767	5.1543	mg/L	0.04767	0.92%

Sequence No.: 54
Sample ID: ICSA
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/2/2007 9:23:48 AM
Data Type: Reprocessed on 8/2/2007 10:41:00 AM

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
Ag 328.068	-217.9	-0.0027	mg/L	0.00024	-0.0027	mg/L	0.00024	8.80%
Al 308.215	15804641.4	453.67	mg/L	1.146	453.67	mg/L	1.146	0.25%
As 188.979	-11.9	-0.0042	mg/L	0.00193	-0.0042	mg/L	0.00193	46.13%
Ba 233.527	304.8	0.0019	mg/L	0.00010	0.0019	mg/L	0.00010	5.59%
Be 313.107	41.2	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	235.91%
Co 228.616	96.0	0.0347	mg/L	0.00008	0.0347	mg/L	0.00008	0.23%
Cr 267.716	-146.6	-0.0081	mg/L	0.00006	-0.0081	mg/L	0.00006	0.73%
Cu 324.752	-4595.9	-0.0022	mg/L	0.00003	-0.0022	mg/L	0.00003	1.33%
Fe 273.955	6023014.5	174.54	mg/L	0.740	174.54	mg/L	0.740	0.42%
Mg 279.077	11342024.9	443.55	mg/L	2.288	443.55	mg/L	2.288	0.52%
Mn 257.610	1873.6	0.0029	mg/L	0.00012	0.0029	mg/L	0.00012	4.19%

Saturated outside survey window (code 6)						
Ni 231.604	39.0	0.0242 mg/L	0.00014	0.0242 mg/L	0.00014	0.56%
Pb 220.353	-79.1	0.0177 mg/L	0.00226	0.0177 mg/L	0.00226	12.80%
Sb 206.836	-14.9	-0.0078 mg/L	0.00266	-0.0078 mg/L	0.00266	34.28%
Se 196.026	-26.9	0.0005 mg/L	0.00307	0.0005 mg/L	0.00307	641.75%
Tl 190.801	-11.8	0.0063 mg/L	0.00191	0.0063 mg/L	0.00191	30.38%
V 292.402	-467.5	-0.0016 mg/L	0.00008	-0.0016 mg/L	0.00008	5.11%
Zn 206.200	469.8	0.0131 mg/L	0.00021	0.0131 mg/L	0.00021	1.61%
Na 330.237	468.5	-0.5043 mg/L	0.00127	-0.5043 mg/L	0.00127	0.25%
Cd 226.502	474.8	0.0006 mg/L	0.00004	0.0006 mg/L	0.00004	6.79%
Ti 334.940	-5115.4	0.0003 mg/L	0.00003	0.0003 mg/L	0.00003	11.50%
Ca 227.546	132384.5	493.63 mg/L	0.712	493.63 mg/L	0.712	0.14%

Sequence No.: 55
Sample ID: ICSAB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/2/2007 9:27:03 AM
Data Type: Reprocessed on 8/2/2007 10:41:01 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	27121.5	0.1904	mg/L	0.00256	0.1904	mg/L	0.00256	1.35%
Al 308.215	15687226.3	450.29	mg/L	1.436	450.29	mg/L	1.436	0.32%
As 188.979	62.2	0.0925	mg/L	0.00247	0.0925	mg/L	0.00247	2.67%
Ba 233.527	48931.8	0.4931	mg/L	0.00200	0.4931	mg/L	0.00200	0.41%
Be 313.107	1063487.2	0.4475	mg/L	0.00423	0.4475	mg/L	0.00423	0.94%
Co 228.616	11580.1	0.4495	mg/L	0.00050	0.4495	mg/L	0.00050	0.11%
Cr 267.716	22459.9	0.4387	mg/L	0.00361	0.4387	mg/L	0.00361	0.82%
Cu 324.752	140816.7	0.4870	mg/L	0.00424	0.4870	mg/L	0.00424	0.87%
Fe 273.955	5989864.2	173.59	mg/L	0.503	173.59	mg/L	0.503	0.29%
Mg 279.077	11262219.7	440.43	mg/L	1.359	440.43	mg/L	1.359	0.31%
Mn 257.610	297681.4	0.4631	mg/L	0.00411	0.4631	mg/L	0.00411	0.89%
Ni 231.604	17693.8	0.8447	mg/L	0.00071	0.8447	mg/L	0.00071	0.08%
Pb 220.353	152.2	0.0620	mg/L	0.00068	0.0620	mg/L	0.00068	1.10%
Sb 206.836	665.4	0.6050	mg/L	0.00055	0.6050	mg/L	0.00055	0.09%
Se 196.026	8.1	0.0499	mg/L	0.01176	0.0499	mg/L	0.01176	23.59%
Tl 190.801	104.2	0.0933	mg/L	0.00291	0.0933	mg/L	0.00291	3.12%
V 292.402	47193.3	0.4544	mg/L	0.00425	0.4544	mg/L	0.00425	0.93%
Zn 206.200	22937.5	0.8902	mg/L	0.00709	0.8902	mg/L	0.00709	0.80%
Na 330.237	1600.6	0.2443	mg/L	0.20820	0.2443	mg/L	0.20820	85.21%
Cd 226.502	42902.2	0.8896	mg/L	0.00867	0.8896	mg/L	0.00867	0.97%
Ti 334.940	-5081.3	0.0003	mg/L	0.00003	0.0003	mg/L	0.00003	9.84%
Ca 227.546	132998.9	495.91	mg/L	3.864	495.91	mg/L	3.864	0.78%

Sequence No.: 56
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/2/2007 9:30:16 AM
Data Type: Reprocessed on 8/2/2007 10:41:01 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	170534.0	1.2058	mg/L	0.01313	1.2058	mg/L	0.01313	1.09%
Al 308.215	348535.1	9.9847	mg/L	0.04728	9.9847	mg/L	0.04728	0.47%
As 188.979	437.1	0.5463	mg/L	0.00263	0.5463	mg/L	0.00263	0.48%
Ba 233.527	1063762.2	10.736	mg/L	0.1140	10.736	mg/L	0.1140	1.06%
Be 313.107	606653.4	0.2554	mg/L	0.00337	0.2554	mg/L	0.00337	1.32%
Co 228.616	72159.7	2.6068	mg/L	0.02765	2.6068	mg/L	0.02765	1.06%
Cr 267.716	52114.0	1.0295	mg/L	0.01060	1.0295	mg/L	0.01060	1.03%
Cu 324.752	377676.2	1.2713	mg/L	0.01485	1.2713	mg/L	0.01485	1.17%
Fe 273.955	187220.0	5.4584	mg/L	0.02324	5.4584	mg/L	0.02324	0.43%
Mg 279.077	663216.7	25.971	mg/L	0.2903	25.971	mg/L	0.2903	1.12%
Mn 257.610	1666543.9	2.5926	mg/L	0.03203	2.5926	mg/L	0.03203	1.24%

Ni 231.604	56097.6	2.6077 mg/L	0.03427	2.6077 mg/L	0.03427	1.31%
Pb 220.353	2821.2	0.5443 mg/L	0.00015	0.5443 mg/L	0.00015	0.03%
Sb 206.836	600.5	0.5231 mg/L	0.00394	0.5231 mg/L	0.00394	0.75%
Se 196.026	360.7	0.5131 mg/L	0.00913	0.5131 mg/L	0.00913	1.78%
Tl 190.801	700.5	0.5262 mg/L	0.00537	0.5262 mg/L	0.00537	1.02%
V 292.402	267328.8	2.5553 mg/L	0.03495	2.5553 mg/L	0.03495	1.37%
Zn 206.200	69515.7	2.7120 mg/L	0.02883	2.7120 mg/L	0.02883	1.06%
Na 330.237	35682.4	23.874 mg/L	0.1398	23.874 mg/L	0.1398	0.59%
Cd 226.502	12635.5	0.2656 mg/L	0.00357	0.2656 mg/L	0.00357	1.35%
Ti 334.940	579.4	0.0008 mg/L	0.00000	0.0008 mg/L	0.00000	0.38%
Ca 227.546	6869.4	25.522 mg/L	0.0296	25.522 mg/L	0.0296	0.12%

Sequence No.: 57
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/2/2007 9:33:28 AM
Data Type: Reprocessed on 8/2/2007 10:41:02 AM

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
Ag 328.068	-42.6	-0.0003	mg/L	0.00001	-0.0003	mg/L	0.00001	2.65%
Al 308.215	307.5	0.0088	mg/L	0.01453	0.0088	mg/L	0.01453	164.57%
As 188.979	-1.2	-0.0015	mg/L	0.00150	-0.0015	mg/L	0.00150	99.91%
Ba 233.527	42.7	0.0004	mg/L	0.00005	0.0004	mg/L	0.00005	11.36%
Be 313.107	1.1	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	79.24%
Co 228.616	4.6	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	38.42%
Cr 267.716	-6.9	-0.0001	mg/L	0.00000	-0.0001	mg/L	0.00000	3.12%
Cu 324.752	425.8	0.0014	mg/L	0.00039	0.0014	mg/L	0.00039	27.44%
Fe 273.955	1905.3	0.0539	mg/L	0.06148	0.0539	mg/L	0.06148	114.16%
Mg 279.077	226.8	0.0089	mg/L	0.00927	0.0089	mg/L	0.00927	104.57%
Mn 257.610	837.1	0.0013	mg/L	0.00138	0.0013	mg/L	0.00138	106.32%
Ni 231.604	1.7	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	35.28%
Pb 220.353	81.6	0.0157	mg/L	0.00138	0.0157	mg/L	0.00138	8.76%
Sb 206.836	0.9	0.0009	mg/L	0.00220	0.0009	mg/L	0.00220	255.79%
Se 196.026	1.3	0.0019	mg/L	0.00393	0.0019	mg/L	0.00393	208.86%
Tl 190.801	0.8	0.0006	mg/L	0.00046	0.0006	mg/L	0.00046	73.00%
V 292.402	3.1	0.0000	mg/L	0.00019	0.0000	mg/L	0.00019	609.40%
Zn 206.200	212.9	0.0083	mg/L	0.00149	0.0083	mg/L	0.00149	17.98%
Na 330.237	-159.2	-0.1068	mg/L	0.01655	-0.1068	mg/L	0.01655	15.50%
Cd 226.502	15.9	0.0003	mg/L	0.00006	0.0003	mg/L	0.00006	16.92%
Ti 334.940	38.8	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	140.16%
Ca 227.546	5.4	0.0192	mg/L	0.03201	0.0192	mg/L	0.03201	166.88%

0.0	15.0	168336.5
0.5	15.0	157642.4
1.0	15.0	139389.5
1.5	15.0	110286.1
2.0	15.0	77372.5
2.5	15.0	50686.8
3.0	15.0	26144.2
3.5	15.0	24019.3
4.0	15.0	17169.1
4.5	15.0	7382.1
5.0	15.0	3610.6
5.5	15.0	2578.9
6.0	15.0	1826.2
6.5	15.0	1495.2
7.0	15.0	1203.8

8/3/2007 6:14:20 AM aligned for analyte Mn 257.610
X viewing position set to 0.0 mm having Peak intensity 168336.5 for Radial viewing

Analysis Begun

Start Time: 8/3/2007 6:31:29 AM **Plasma On Time: 8/3/2007 5:51:18 AM**
Logged In Analyst: optima3 **Technique: ICP Continuous**
Spectrometer Model: Optima 4300 DV, S/N 077N3102302Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0803B.sif
Batch ID:
Results Data Set: B07080301
Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: CLP **Method Last Saved: 8/2/2007 10:34:25 AM**
IEC File: B070712X.iec **MSF File:**
Method Description: working method for all elements

Sequence No.: 1 **Autosampler Location: 1**
Sample ID: S0 **Date Collected: 8/3/2007 6:31:29 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-83.5	29.77	35.66%	[0.00]	mg/L
Al 308.215	5748.4	34.20	0.59%	[0.00]	mg/L
As 188.979	-0.7	0.99	133.95%	[0.00]	mg/L
Ba 233.527	-26.5	0.89	3.35%	[0.00]	mg/L
Be 313.107	-1720.2	7.74	0.45%	[0.00]	mg/L
Co 228.616	-8.1	0.37	4.59%	[0.00]	mg/L
Cr 267.716	-29.4	5.56	18.89%	[0.00]	mg/L
Cu 324.752	735.7	4.98	0.68%	[0.00]	mg/L
Fe 273.955	-261.5	1.50	0.57%	[0.00]	mg/L
Mg 279.077	-270.7	22.48	8.31%	[0.00]	mg/L
Mn 257.610	230.1	25.40	11.04%	[0.00]	mg/L
Ni 231.604	-5.9	7.96	134.97%	[0.00]	mg/L
Pb 220.353	17.7	4.88	27.54%	[0.00]	mg/L
Sb 206.836	10.0	1.37	13.69%	[0.00]	mg/L
Se 196.026	1.7	2.23	134.23%	[0.00]	mg/L
Tl 190.801	-5.2	2.34	45.41%	[0.00]	mg/L
V 292.402	-9.2	3.33	36.03%	[0.00]	mg/L
Zn 206.200	3.6	1.01	28.20%	[0.00]	mg/L
Na 330.237	-302.0	35.26	11.68%	[0.00]	mg/L
Cd 226.502	-26.0	1.42	5.47%	[0.00]	mg/L
Ti 334.940	-83.8	16.23	19.38%	[0.00]	mg/L
Ca 227.546	68.2	3.28	4.81%	[0.00]	mg/L

Sequence No.: 2
Sample ID: S1
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 8/3/2007 6:34:50 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
Ag 328.068	361187.7	1576.17	0.44%	[2.5]	mg/L
Al 308.215	725286.3	27.76	0.00%	[20]	mg/L
As 188.979	890.5	6.18	0.69%	[1]	mg/L
Ba 233.527	2087617.0	2565.45	0.12%	[20]	mg/L
Be 313.107	1306258.5	1494.03	0.11%	[0.5]	mg/L
Co 228.616	145913.0	575.25	0.39%	[5]	mg/L
Cr 267.716	108686.0	54.73	0.05%	[2]	mg/L
Cu 324.752	805905.6	1325.01	0.16%	[2.5]	mg/L
Fe 273.955	377660.4	574.45	0.15%	[10]	mg/L
Mg 279.077	1354597.0	157.51	0.01%	[50]	mg/L
Mn 257.610	3388675.8	5659.51	0.17%	[5]	mg/L
Ni 231.604	114771.1	463.29	0.40%	[5]	mg/L
Pb 220.353	5442.0	24.48	0.45%	[1]	mg/L
Sb 206.836	1180.4	1.38	0.12%	[1]	mg/L
Se 196.026	747.7	4.88	0.65%	[1]	mg/L
Tl 190.801	1391.9	7.72	0.55%	[1]	mg/L
V 292.402	567073.9	1117.60	0.20%	[5]	mg/L
Zn 206.200	135621.4	233.95	0.17%	[5]	mg/L
Na 330.237	75166.3	131.80	0.18%	[50]	mg/L
Cd 226.502	25420.8	75.61	0.30%	[0.5]	mg/L
Ti 334.940	967165.6	1463.76	0.15%	[1]	mg/L
Ca 227.546	14071.5	64.54	0.46%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin Thru 0	0.0	144500	0.00000	1.000000	
Al 308.215	1	Lin Thru 0	0.0	36260	0.00000	1.000000	
As 188.979	1	Lin Thru 0	0.0	890.5	0.00000	1.000000	
Ba 233.527	1	Lin Thru 0	0.0	104400	0.00000	1.000000	
Be 313.107	1	Lin Thru 0	0.0	2613000	0.00000	1.000000	
Co 228.616	1	Lin Thru 0	0.0	29180	0.00000	1.000000	
Cr 267.716	1	Lin Thru 0	0.0	54340	0.00000	1.000000	
Cu 324.752	1	Lin Thru 0	0.0	322400	0.00000	1.000000	
Fe 273.955	1	Lin Thru 0	0.0	37770	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	27090	0.00000	1.000000	
Mn 257.610	1	Lin Thru 0	0.0	677700	0.00000	1.000000	
Ni 231.604	1	Lin Thru 0	0.0	22950	0.00000	1.000000	
Pb 220.353	1	Lin Thru 0	0.0	5442	0.00000	1.000000	
Sb 206.836	1	Lin Thru 0	0.0	1180	0.00000	1.000000	
Se 196.026	1	Lin Thru 0	0.0	747.7	0.00000	1.000000	
Tl 190.801	1	Lin Thru 0	0.0	1392	0.00000	1.000000	
V 292.402	1	Lin Thru 0	0.0	113400	0.00000	1.000000	
Zn 206.200	1	Lin Thru 0	0.0	27120	0.00000	1.000000	
Na 330.237	1	Lin Thru 0	0.0	1503	0.00000	1.000000	
Cd 226.502	1	Lin Thru 0	0.0	50840	0.00000	1.000000	
Ti 334.940	1	Lin Thru 0	0.0	967200	0.00000	1.000000	
Ca 227.546	1	Lin Thru 0	0.0	281.4	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:
User canceled analysis.

Autosampler Location: 3
Date Collected: 8/3/2007 6:38:05 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Analysis Begun

Start Time: 8/3/2007 6:38:50 AM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 8/3/2007 5:51:18 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0803B.sif
Batch ID:
Results Data Set: B07080301
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 10
Date Collected: 8/3/2007 6:38:50 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
Ag 328.068	265189.6	1.7906	mg/L	0.05157	1.7906	mg/L	0.05157	2.88%
Al 308.215	523031.3	14.394	mg/L	0.3109	14.394	mg/L	0.3109	2.16%
As 188.979	650.4	0.7521	mg/L	0.00048	0.7521	mg/L	0.00048	0.06%
Ba 233.527	1554689.1	14.899	mg/L	0.2802	14.899	mg/L	0.2802	1.88%
Be 313.107	948877.6	0.3633	mg/L	0.00748	0.3633	mg/L	0.00748	2.06%
Co 228.616	107705.0	3.6928	mg/L	0.01651	3.6928	mg/L	0.01651	0.45%
Cr 267.716	80163.5	1.4748	mg/L	0.01762	1.4748	mg/L	0.01762	1.19%
Cu 324.752	581557.7	1.8052	mg/L	0.03252	1.8052	mg/L	0.03252	1.80%
Fe 273.955	276826.5	7.5851	mg/L	0.01768	7.5851	mg/L	0.01768	0.23%
Mg 279.077	986318.7	36.450	mg/L	0.7874	36.450	mg/L	0.7874	2.16%
Mn 257.610	2493658.7	3.6795	mg/L	0.08279	3.6795	mg/L	0.08279	2.25%
Ni 231.604	84491.3	3.6815	mg/L	0.03046	3.6815	mg/L	0.03046	0.83%
Pb 220.353	3993.6	0.7348	mg/L	0.00380	0.7348	mg/L	0.00380	0.52%
Sb 206.836	874.5	0.6972	mg/L	0.00681	0.6972	mg/L	0.00681	0.98%
Se 196.026	547.7	0.7322	mg/L	0.00766	0.7322	mg/L	0.00766	1.05%
Tl 190.801	1032.2	0.7451	mg/L	0.00709	0.7451	mg/L	0.00709	0.95%
V 292.402	417691.0	3.6857	mg/L	0.09364	3.6857	mg/L	0.09364	2.54%
Zn 206.200	99933.8	3.6921	mg/L	0.00008	3.6921	mg/L	0.00008	0.00%
Na 330.237	53553.7	35.531	mg/L	0.1205	35.531	mg/L	0.1205	0.34%
Cd 226.502	18769.0	0.3705	mg/L	0.00337	0.3705	mg/L	0.00337	0.91%
Ti 334.940	836.6	0.0011	mg/L	0.00001	0.0011	mg/L	0.00001	0.53%
Ca 227.546	10311.2	36.240	mg/L	0.2088	36.240	mg/L	0.2088	0.58%

Sequence No.: 2
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 8/3/2007 6:42:02 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
Ag 328.068	113.9	0.0008	mg/L	0.00005	0.0008	mg/L	0.00005	6.29%
Al 308.215	65.6	0.0018	mg/L	0.00006	0.0018	mg/L	0.00006	3.31%
As 188.979	1.4	0.0015	mg/L	0.00511	0.0015	mg/L	0.00511	336.61%
Ba 233.527	269.5	0.0026	mg/L	0.00036	0.0026	mg/L	0.00036	14.03%
Be 313.107	140.5	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	11.86%
Co 228.616	27.2	0.0009	mg/L	0.00002	0.0009	mg/L	0.00002	2.24%
Cr 267.716	14.1	0.0003	mg/L	0.00006	0.0003	mg/L	0.00006	24.14%
Cu 324.752	357.9	0.0011	mg/L	0.00004	0.0011	mg/L	0.00004	3.68%
Fe 273.955	177.5	0.0046	mg/L	0.00434	0.0046	mg/L	0.00434	94.22%
Mg 279.077	236.0	0.0087	mg/L	0.00258	0.0087	mg/L	0.00258	29.56%
Mn 257.610	325.6	0.0005	mg/L	0.00017	0.0005	mg/L	0.00017	36.01%
Ni 231.604	19.4	0.0008	mg/L	0.00011	0.0008	mg/L	0.00011	12.61%
Pb 220.353	4.2	0.0008	mg/L	0.00052	0.0008	mg/L	0.00052	67.21%

Sb 206.836	0.4	0.0003 mg/L	0.00134	0.0003 mg/L	0.00134	448.96%
Se 196.026	0.1	0.0002 mg/L	0.00330	0.0002 mg/L	0.00330	>999.9%
Tl 190.801	3.2	0.0023 mg/L	0.00052	0.0023 mg/L	0.00052	22.35%
V 292.402	23.0	0.0002 mg/L	0.00027	0.0002 mg/L	0.00027	131.18%
Zn 206.200	29.3	0.0011 mg/L	0.00031	0.0011 mg/L	0.00031	28.43%
Na 330.237	208.7	0.1389 mg/L	0.01662	0.1389 mg/L	0.01662	11.96%
Cd 226.502	0.8	0.0000 mg/L	0.00012	0.0000 mg/L	0.00012	805.70%
Ti 334.940	82.8	0.0001 mg/L	0.00007	0.0001 mg/L	0.00007	87.20%
Ca 227.546	-7.8	-0.0277 mg/L	0.05740	-0.0277 mg/L	0.05740	207.20%

Sequence No.: 3 **Autosampler Location: 7**
Sample ID: CRI **Date Collected: 8/3/2007 6:45:08 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	1656.5	0.0112	mg/L	0.00043	0.0112	mg/L	0.00043	3.81%
Al 308.215	7424.7	0.2044	mg/L	0.00087	0.2044	mg/L	0.00087	0.43%
As 188.979	9.0	0.0103	mg/L	0.00166	0.0103	mg/L	0.00166	16.07%
Ba 233.527	23332.8	0.2236	mg/L	0.00069	0.2236	mg/L	0.00069	0.31%
Be 313.107	13412.0	0.0051	mg/L	0.00001	0.0051	mg/L	0.00001	0.17%
Co 228.616	1585.0	0.0546	mg/L	0.00040	0.0546	mg/L	0.00040	0.74%
Cr 267.716	566.4	0.0104	mg/L	0.00001	0.0104	mg/L	0.00001	0.07%
Cu 324.752	8445.0	0.0263	mg/L	0.00031	0.0263	mg/L	0.00031	1.18%
Fe 273.955	4073.6	0.1336	mg/L	0.00049	0.1336	mg/L	0.00049	0.37%
Mg 279.077	142709.6	5.2678	mg/L	0.01733	5.2678	mg/L	0.01733	0.33%
Mn 257.610	11216.1	0.0166	mg/L	0.00001	0.0166	mg/L	0.00001	0.08%
Ni 231.604	989.4	0.0432	mg/L	0.00017	0.0432	mg/L	0.00017	0.38%
Pb 220.353	60.7	0.0112	mg/L	0.00017	0.0112	mg/L	0.00017	1.51%
Sb 206.836	77.5	0.0655	mg/L	0.00177	0.0655	mg/L	0.00177	2.70%
Se 196.026	28.5	0.0379	mg/L	0.00622	0.0379	mg/L	0.00622	16.42%
Tl 190.801	35.4	0.0255	mg/L	0.00069	0.0255	mg/L	0.00069	2.70%
V 292.402	5938.8	0.0524	mg/L	0.00022	0.0524	mg/L	0.00022	0.42%
Zn 206.200	1837.5	0.0678	mg/L	0.00014	0.0678	mg/L	0.00014	0.20%
Na 330.237	5986.3	3.9720	mg/L	0.08009	3.9720	mg/L	0.08009	2.02%
Cd 226.502	275.1	0.0054	mg/L	0.00003	0.0054	mg/L	0.00003	0.58%
Ti 334.940	-11.9	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	191.84%
Ca 227.546	1371.4	4.8670	mg/L	0.02518	4.8670	mg/L	0.02518	0.52%

Sequence No.: 4 **Autosampler Location: 5**
Sample ID: ICSA **Date Collected: 8/3/2007 6:48:12 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-178.7	-0.0020	mg/L	0.00060	-0.0020	mg/L	0.00060	29.51%
Al 308.215	16801214.7	463.30	mg/L	1.847	463.30	mg/L	1.847	0.40%
As 188.979	-9.9	-0.0007	mg/L	0.00345	-0.0007	mg/L	0.00345	503.19%
Ba 233.527	315.5	0.0018	mg/L	0.00006	0.0018	mg/L	0.00006	3.52%
Be 313.107	100.7	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	12.44%
Co 228.616	111.6	0.0352	mg/L	0.00026	0.0352	mg/L	0.00026	0.75%
Cr 267.716	-138.0	0.0135	mg/L	0.00017	0.0135	mg/L	0.00017	1.27%
Cu 324.752	-5213.1	-0.0029	mg/L	0.00008	-0.0029	mg/L	0.00008	2.79%
Fe 273.955	6391716.8	174.01	mg/L	0.797	174.01	mg/L	0.797	0.46%
Mg 279.077	12078264.3	445.75	mg/L	1.947	445.75	mg/L	1.947	0.44%
Mn 257.610	1255.7	0.0019	mg/L	0.00006	0.0019	mg/L	0.00006	3.34%
Saturated outside survey window (code 6)								
Ni 231.604	49.9	0.0249	mg/L	0.00013	0.0249	mg/L	0.00013	0.51%
Pb 220.353	-156.5	0.0048	mg/L	0.00137	0.0048	mg/L	0.00137	28.80%
Sb 206.836	-19.6	-0.0107	mg/L	0.00161	-0.0107	mg/L	0.00161	15.03%
Se 196.026	-26.7	0.0031	mg/L	0.00087	0.0031	mg/L	0.00087	28.37%

Tl 190.801	-16.1	0.0027	mg/L	0.00066	0.0027	mg/L	0.00066 24.26%
V 292.402	-540.5	-0.0019	mg/L	0.00008	-0.0019	mg/L	0.00008 4.34%
Zn 206.200	336.1	0.0070	mg/L	0.00009	0.0070	mg/L	0.00009 1.22%
Na 330.237	688.2	-0.3661	mg/L	0.00353	-0.3661	mg/L	0.00353 0.96%
Cd 226.502	497.0	0.0005	mg/L	0.00017	0.0005	mg/L	0.00017 36.56%
Ti 334.940	-5536.0	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005 20.22%
Ca 227.546	140581.5	495.86	mg/L	3.437	495.86	mg/L	3.437 0.69%

Sequence No.: 5 **Autosampler Location: 6**
Sample ID: ICSAB **Date Collected: 8/3/2007 6:51:27 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	29500.1	0.1979	mg/L	0.00222	0.1979	mg/L	0.00222	1.12%
Al 308.215	16688398.0	460.18	mg/L	1.974	460.18	mg/L	1.974	0.43%
As 188.979	66.1	0.0913	mg/L	0.00124	0.0913	mg/L	0.00124	1.36%
Ba 233.527	50754.4	0.4856	mg/L	0.00242	0.4856	mg/L	0.00242	0.50%
Be 313.107	1160327.5	0.4441	mg/L	0.00267	0.4441	mg/L	0.00267	0.60%
Co 228.616	12366.1	0.4551	mg/L	0.00376	0.4551	mg/L	0.00376	0.83%
Cr 267.716	24294.7	0.4629	mg/L	0.00592	0.4629	mg/L	0.00592	1.28%
Cu 324.752	149944.9	0.4785	mg/L	0.00386	0.4785	mg/L	0.00386	0.81%
Fe 273.955	6366757.9	173.33	mg/L	0.810	173.33	mg/L	0.810	0.47%
Mg 279.077	11995595.6	442.70	mg/L	2.189	442.70	mg/L	2.189	0.49%
Mn 257.610	313811.1	0.4631	mg/L	0.00390	0.4631	mg/L	0.00390	0.84%
Ni 231.604	18981.1	0.8495	mg/L	0.00693	0.8495	mg/L	0.00693	0.82%
Pb 220.353	81.7	0.0483	mg/L	0.00043	0.0483	mg/L	0.00043	0.89%
Sb 206.836	678.1	0.5657	mg/L	0.00001	0.5657	mg/L	0.00001	0.00%
Se 196.026	7.0	0.0478	mg/L	0.00793	0.0478	mg/L	0.00793	16.59%
Tl 190.801	101.6	0.0875	mg/L	0.00002	0.0875	mg/L	0.00002	0.02%
V 292.402	51382.3	0.4567	mg/L	0.00471	0.4567	mg/L	0.00471	1.03%
Zn 206.200	23407.3	0.8600	mg/L	0.00731	0.8600	mg/L	0.00731	0.85%
Na 330.237	1599.2	0.2332	mg/L	0.09438	0.2332	mg/L	0.09438	40.47%
Cd 226.502	44623.0	0.8688	mg/L	0.00493	0.8688	mg/L	0.00493	0.57%
Ti 334.940	-5620.4	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	11.54%
Ca 227.546	140692.6	496.22	mg/L	5.125	496.22	mg/L	5.125	1.03%

Sequence No.: 6 **Autosampler Location: 3**
Sample ID: CCV **Date Collected: 8/3/2007 6:54:40 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	183212.5	1.2370	mg/L	0.01022	1.2370	mg/L	0.01022	0.83%
Al 308.215	361536.5	9.9496	mg/L	0.08916	9.9496	mg/L	0.08916	0.90%
As 188.979	451.5	0.5221	mg/L	0.00667	0.5221	mg/L	0.00667	1.28%
Ba 233.527	1106343.0	10.602	mg/L	0.0199	10.602	mg/L	0.0199	0.19%
Be 313.107	659909.8	0.2527	mg/L	0.00049	0.2527	mg/L	0.00049	0.19%
Co 228.616	75639.6	2.5933	mg/L	0.02611	2.5933	mg/L	0.02611	1.01%
Cr 267.716	56072.4	1.0315	mg/L	0.01020	1.0315	mg/L	0.01020	0.99%
Cu 324.752	403963.3	1.2539	mg/L	0.00131	1.2539	mg/L	0.00131	0.10%
Fe 273.955	195982.6	5.3664	mg/L	0.04235	5.3664	mg/L	0.04235	0.79%
Mg 279.077	696225.1	25.729	mg/L	0.0406	25.729	mg/L	0.0406	0.16%
Mn 257.610	1751625.8	2.5846	mg/L	0.00832	2.5846	mg/L	0.00832	0.32%
Ni 231.604	59487.2	2.5920	mg/L	0.02631	2.5920	mg/L	0.02631	1.02%
Pb 220.353	2814.9	0.5179	mg/L	0.00135	0.5179	mg/L	0.00135	0.26%
Sb 206.836	598.3	0.4763	mg/L	0.00576	0.4763	mg/L	0.00576	1.21%
Se 196.026	380.2	0.5083	mg/L	0.00463	0.5083	mg/L	0.00463	0.91%
Tl 190.801	722.3	0.5214	mg/L	0.00212	0.5214	mg/L	0.00212	0.41%
V 292.402	289159.4	2.5516	mg/L	0.00104	2.5516	mg/L	0.00104	0.04%
Zn 206.200	70912.0	2.6198	mg/L	0.02297	2.6198	mg/L	0.02297	0.88%

Na 330.237	36075.0	23.933 mg/L	0.1719	23.933 mg/L	0.1719	0.72%
Cd 226.502	13161.1	0.2598 mg/L	0.00458	0.2598 mg/L	0.00458	1.76%
Ti 334.940	523.6	0.0007 mg/L	0.00006	0.0007 mg/L	0.00006	8.64%
Ca 227.546	7141.5	25.096 mg/L	0.0507	25.096 mg/L	0.0507	0.20%

Sequence No.: 7
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 6:57:52 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
Ag 328.068	146.6	0.0010	mg/L	0.00017	0.0010	mg/L	0.00017	17.24%
Al 308.215	407.5	0.0112	mg/L	0.00036	0.0112	mg/L	0.00036	3.18%
As 188.979	2.4	0.0028	mg/L	0.00270	0.0028	mg/L	0.00270	98.20%
Ba 233.527	119.6	0.0011	mg/L	0.00020	0.0011	mg/L	0.00020	17.07%
Be 313.107	174.9	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	26.65%
Co 228.616	17.7	0.0006	mg/L	0.00001	0.0006	mg/L	0.00001	1.10%
Cr 267.716	4.8	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	67.17%
Cu 324.752	458.2	0.0014	mg/L	0.00004	0.0014	mg/L	0.00004	2.49%
Fe 273.955	264.1	0.0071	mg/L	0.00102	0.0071	mg/L	0.00102	14.43%
Mg 279.077	462.6	0.0171	mg/L	0.00127	0.0171	mg/L	0.00127	7.43%
Mn 257.610	46.5	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	60.78%
Ni 231.604	2.3	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	6.21%
Pb 220.353	2.3	0.0004	mg/L	0.00000	0.0004	mg/L	0.00000	0.21%
Sb 206.836	0.8	0.0007	mg/L	0.00040	0.0007	mg/L	0.00040	62.08%
Se 196.026	1.6	0.0021	mg/L	0.00245	0.0021	mg/L	0.00245	115.42%
Tl 190.801	2.2	0.0016	mg/L	0.00112	0.0016	mg/L	0.00112	70.81%
V 292.402	14.4	0.0001	mg/L	0.00020	0.0001	mg/L	0.00020	159.64%
Zn 206.200	13.5	0.0005	mg/L	0.00008	0.0005	mg/L	0.00008	15.83%
Na 330.237	90.3	0.0601	mg/L	0.02356	0.0601	mg/L	0.02356	39.22%
Cd 226.502	2.1	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	63.07%
Ti 334.940	19.7	0.0000	mg/L	0.00008	0.0000	mg/L	0.00008	370.09%
Ca 227.546	1.0	0.0035	mg/L	0.00546	0.0035	mg/L	0.00546	155.00%

Sequence No.: 8
Sample ID: F0936-04B,31385
Analyst:
Initial Sample Wt: 10X Fe Ca Zn Pb Mn
Dilution:

Autosampler Location: 38
Date Collected: 8/3/2007 7:00:58 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-04B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	879.6	-0.0540	mg/L	0.00044	-0.0540	mg/L	0.00044	0.82%
Al 308.215	1676600.2	46.232	mg/L	0.0340	46.232	mg/L	0.0340	0.07%
As 188.979	67.5	0.0792	mg/L	0.00156	0.0792	mg/L	0.00156	1.97%
Ba 233.527	396833.8	3.8000	mg/L	0.00248	3.8000	mg/L	0.00248	0.07%
Be 313.107	8167.9	0.0039	mg/L	0.00001	0.0039	mg/L	0.00001	0.24%
Co 228.616	2115.7	0.0751	mg/L	0.00051	0.0751	mg/L	0.00051	0.67%
Cr 267.716	15038.4	0.2783	mg/L	0.00162	0.2783	mg/L	0.00162	0.58%
Cu 324.752	720360.6	2.2344	mg/L	0.00227	2.2344	mg/L	0.00227	0.10%
Fe 273.955	10579325.3	280.71	mg/L	0.508	280.71	mg/L	0.508	0.18%
Mg 279.077	349949.9	12.835	mg/L	0.0002	12.835	mg/L	0.0002	0.00%
Mn 257.610	2579584.5	3.8062	mg/L	0.00708	3.8062	mg/L	0.00708	0.19%
Ni 231.604	7488.5	0.3290	mg/L	0.00175	0.3290	mg/L	0.00175	0.53%
Pb 220.353	56834.8	10.446	mg/L	0.0064	10.446	mg/L	0.0064	0.06%
Sb 206.836	-40.7	-0.0416	mg/L	0.00310	-0.0416	mg/L	0.00310	7.46%
Se 196.026	-35.5	0.0484	mg/L	0.00452	0.0484	mg/L	0.00452	9.34%
Tl 190.801	-17.3	0.0586	mg/L	0.00250	0.0586	mg/L	0.00250	4.27%
V 292.402	16714.1	0.1526	mg/L	0.00020	0.1526	mg/L	0.00020	0.13%
Zn 206.200	355812.8	13.119	mg/L	0.0124	13.119	mg/L	0.0124	0.09%
Na 330.237	19842.2	13.427	mg/L	0.0493	13.427	mg/L	0.0493	0.37%
Cd 226.502	4083.1	0.0651	mg/L	0.00001	0.0651	mg/L	0.00001	0.02%
Ti 334.940	396092.1	0.4105	mg/L	0.00013	0.4105	mg/L	0.00013	0.03%

Ca 227.546	24017.8	79.348 mg/L✓	0.1474	79.348 mg/L	0.1474	0.19%

Sequence No.: 9
Sample ID: F0936-12B,31385
Analyst:
Initial Sample Wt:
Dilution: 10 X AlCaMnPbZn

Autosampler Location: 39
Date Collected: 8/3/2007 7:04:12 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	2573.1	-0.1011	mg/L	0.00007	-0.1011	mg/L	0.00007	0.07%
Al 308.215	11097607.7	306.01	mg/L✓	0.151	306.01	mg/L	0.151	0.05%
As 188.979	9.8	0.0210	mg/L	0.00257	0.0210	mg/L	0.00257	12.23%
Ba 233.527	157247.3	1.5033	mg/L	0.00283	1.5033	mg/L	0.00283	0.19%
Be 313.107	61391.0	0.0239	mg/L	0.00007	0.0239	mg/L	0.00007	0.30%
Co 228.616	8744.4	0.3104	mg/L	0.00021	0.3104	mg/L	0.00021	0.07%
Cr 267.716	30172.3	0.5613	mg/L	0.00369	0.5613	mg/L	0.00369	0.66%
Cu 324.752	1772882.6	5.5010	mg/L	0.01448	5.5010	mg/L	0.01448	0.26%
Fe 273.955	21201409.1	563.94	mg/L✗	0.307	563.94	mg/L	0.307	0.05%
Mg 279.077	2458014.8	90.611	mg/L	0.2729	90.611	mg/L	0.2729	0.30%
Mn 257.610	7891238.3	11.644	mg/L✓	0.0018	11.644	mg/L	0.0018	0.02%
Ni 231.604	18893.1	0.8355	mg/L	0.00819	0.8355	mg/L	0.00819	0.98%
Pb 220.353	115394.2	21.221	mg/L✓	0.1461	21.221	mg/L	0.1461	0.69%
Sb 206.836	-61.4	-0.0681	mg/L	0.00010	-0.0681	mg/L	0.00010	0.14%
Se 196.026	-94.3	0.0645	mg/L	0.00141	0.0645	mg/L	0.00141	2.19%
Tl 190.801	-43.4	0.1009	mg/L	0.00396	0.1009	mg/L	0.00396	3.92%
V 292.402	72962.2	0.6541	mg/L	0.00211	0.6541	mg/L	0.00211	0.32%
Zn 206.200	462349.1	17.043	mg/L✓	0.1062	17.043	mg/L	0.1062	0.62%
Na 330.237	36298.4	24.349	mg/L	0.0190	24.349	mg/L	0.0190	0.08%
Cd 226.502	5187.6	0.0715	mg/L	0.00046	0.0715	mg/L	0.00046	0.64%
Ti 334.940	228961.1	0.2394	mg/L	0.00060	0.2394	mg/L	0.00060	0.25%
Ca 227.546	65295.5	219.99	mg/L✓	1.022	219.99	mg/L	1.022	0.46%

Sequence No.: 10
Sample ID: F0936-12BDUP,31385
Analyst:
Initial Sample Wt:
Dilution: 10 X AlCaMnPbZn

Autosampler Location: 40
Date Collected: 8/3/2007 7:07:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	2072.1	-0.1035	mg/L	0.00077	-0.1035	mg/L	0.00077	0.74%
Al 308.215	10942134.6	301.73	mg/L✓	0.345	301.73	mg/L	0.345	0.11%
As 188.979	9.2	0.0205	mg/L✓	0.00158	0.0205	mg/L	0.00158	7.72%
Ba 233.527	161666.0	1.5457	mg/L	0.00809	1.5457	mg/L	0.00809	0.52%
Be 313.107	61785.3	0.0237	mg/L	0.00018	0.0237	mg/L	0.00018	0.75%
Co 228.616	8678.4	0.3088	mg/L	0.00080	0.3088	mg/L	0.00080	0.26%
Cr 267.716	30975.0	0.5760	mg/L	0.00413	0.5760	mg/L	0.00413	0.72%
Cu 324.752	1787521.3	5.5465	mg/L	0.04043	5.5465	mg/L	0.04043	0.73%
Fe 273.955	21067866.5	560.38	mg/L✗	0.142	560.38	mg/L	0.142	0.03%
Mg 279.077	2456463.4	90.554	mg/L	0.4195	90.554	mg/L	0.4195	0.46%
Mn 257.610	7817851.4	11.535	mg/L✓	0.0005	11.535	mg/L	0.0005	0.00%
Ni 231.604	18862.0	0.8342	mg/L	0.00336	0.8342	mg/L	0.00336	0.40%
Pb 220.353	116467.7	21.418	mg/L✓	0.1764	21.418	mg/L	0.1764	0.82%
Sb 206.836	-57.6	-0.0655	mg/L	0.00798	-0.0655	mg/L	0.00798	12.17%
Se 196.026	-102.9	0.0516	mg/L	0.00087	0.0516	mg/L	0.00087	1.68%
Tl 190.801	-35.2	0.1061	mg/L	0.00220	0.1061	mg/L	0.00220	2.07%
V 292.402	71253.5	0.6390	mg/L	0.00466	0.6390	mg/L	0.00466	0.73%
Zn 206.200	464470.3	17.122	mg/L✓	0.1097	17.122	mg/L	0.1097	0.64%
Na 330.237	35926.5	24.053	mg/L	0.0799	24.053	mg/L	0.0799	0.33%
Cd 226.502	5235.3	0.0727	mg/L	0.00043	0.0727	mg/L	0.00043	0.60%
Ti 334.940	33274.5	0.0371	mg/L	0.00127	0.0371	mg/L	0.00127	3.42%
Ca 227.546	65369.5	220.32	mg/L✓	1.405	220.32	mg/L	1.405	0.64%

Sequence No.: 11
Sample ID: F0936-12BMS,31385
Analyst:
Initial Sample Wt:
Dilution: 10X AlCaMnPbZn

Autosampler Location: 41
Date Collected: 8/3/2007 7:10:54 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BMS,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	3536.6	-0.0462	mg/L	0.00088	-0.0462	mg/L	0.00088	1.90%
Al 308.215	10866923.0	299.66	mg/L	3.149	299.66	mg/L	3.149	1.05%
As 188.979	-12.3	-0.0021	mg/L	0.00212	-0.0021	mg/L	0.00212	103.25%
Ba 233.527	341364.2	3.2676	mg/L	0.00224	3.2676	mg/L	0.00224	0.07%
Be 313.107	76881.2	0.0295	mg/L	0.00008	0.0295	mg/L	0.00008	0.28%
Co 228.616	10501.0	0.3723	mg/L	0.00054	0.3723	mg/L	0.00054	0.15%
Cr 267.716	31159.2	0.5767	mg/L	0.00349	0.5767	mg/L	0.00349	0.60%
Cu 324.752	1828858.4	5.6763	mg/L	0.01377	5.6763	mg/L	0.01377	0.24%
Fe 273.955	14874080.0	396.37	mg/L	3.832	396.37	mg/L	3.832	0.97%
Mg 279.077	2464121.2	90.912	mg/L	0.0041	90.912	mg/L	0.0041	0.00%
Mn 257.610	7894500.0	11.648	mg/L	0.1164	11.648	mg/L	0.1164	1.00%
Ni 231.604	21166.7	0.9346	mg/L	0.00587	0.9346	mg/L	0.00587	0.63%
Pb 220.353	116959.9	21.508	mg/L	0.0783	21.508	mg/L	0.0783	0.36%
Sb 206.836	-44.6	-0.0555	mg/L	0.00566	-0.0555	mg/L	0.00566	10.20%
Se 196.026	-64.5	0.0423	mg/L	0.00176	0.0423	mg/L	0.00176	4.15%
Tl 190.801	-20.5	0.0763	mg/L	0.00058	0.0763	mg/L	0.00058	0.76%
V 292.402	-689.0	0.0019	mg/L	0.00041	0.0019	mg/L	0.00041	21.35%
Zn 206.200	470598.8	17.348	mg/L	0.0368	17.348	mg/L	0.0368	0.21%
Na 330.237	36436.4	24.206	mg/L	0.0537	24.206	mg/L	0.0537	0.22%
Cd 226.502	4921.6	0.0756	mg/L	0.00001	0.0756	mg/L	0.00001	0.02%
Ti 334.940	16892.0	0.0202	mg/L	0.00002	0.0202	mg/L	0.00002	0.11%
Ca 227.546	65483.5	224.23	mg/L	0.170	224.23	mg/L	0.170	0.08%

Sequence No.: 12
Sample ID: F0936-12BSD,31385
Analyst:
Initial Sample Wt:
Dilution: 50X AlCaMnPbZn

Autosampler Location: 42
Date Collected: 8/3/2007 7:14:10 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	562.2	-0.0270	mg/L	0.00009	-0.0270	mg/L	0.00009	0.34%
Al 308.215	2333649.5	64.350	mg/L	0.4744	64.350	mg/L	0.4744	0.74%
As 188.979	0.8	0.0028	mg/L	0.00147	0.0028	mg/L	0.00147	52.17%
Ba 233.527	35002.6	0.3345	mg/L	0.00110	0.3345	mg/L	0.00110	0.33%
Be 313.107	13830.5	0.0054	mg/L	0.00004	0.0054	mg/L	0.00004	0.70%
Co 228.616	2002.0	0.0705	mg/L	0.00023	0.0705	mg/L	0.00023	0.32%
Cr 267.716	6800.1	0.1265	mg/L	0.00306	0.1265	mg/L	0.00306	2.42%
Cu 324.752	371699.2	1.1530	mg/L	0.00374	1.1530	mg/L	0.00374	0.32%
Fe 273.955	5365236.4	142.59	mg/L	0.736	142.59	mg/L	0.736	0.52%
Mg 279.077	563597.7	20.770	mg/L	0.1163	20.770	mg/L	0.1163	0.56%
Mn 257.610	1819937.1	2.6853	mg/L	0.02222	2.6853	mg/L	0.02222	0.83%
Ni 231.604	4257.2	0.1880	mg/L	0.00047	0.1880	mg/L	0.00047	0.25%
Pb 220.353	27096.4	4.9825	mg/L	0.04564	4.9825	mg/L	0.04564	0.92%
Sb 206.836	-16.9	-0.0180	mg/L	0.00145	-0.0180	mg/L	0.00145	8.02%
Se 196.026	-17.7	0.0252	mg/L	0.00176	0.0252	mg/L	0.00176	6.99%
Tl 190.801	-7.4	0.0288	mg/L	0.00178	0.0288	mg/L	0.00178	6.20%
V 292.402	15977.2	0.1436	mg/L	0.00137	0.1436	mg/L	0.00137	0.96%
Zn 206.200	110596.5	4.0770	mg/L	0.02418	4.0770	mg/L	0.02418	0.59%
Na 330.237	7659.2	5.1701	mg/L	0.12985	5.1701	mg/L	0.12985	2.51%
Cd 226.502	1140.9	0.0147	mg/L	0.00006	0.0147	mg/L	0.00006	0.43%
Ti 334.940	47536.0	0.0497	mg/L	0.00201	0.0497	mg/L	0.00201	4.05%
Ca 227.546	12940.7	42.941	mg/L	0.1199	42.941	mg/L	0.1199	0.28%

Sequence No.: 13
Sample ID: F0981-01B,31385
Analyst:

Autosampler Location: 43
Date Collected: 8/3/2007 7:17:22 AM
Data Type: Original

10X AlFePbZnCa

Initial Sample Wt:
Dilution: 10X AlFePbZnCa

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-01B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	1166.3	-0.0350	mg/L	0.00044	-0.0350	mg/L	0.00044	1.26%
Al 308.215	2449231.5	67.537	mg/L	0.5929	67.537	mg/L	0.5929	0.88%
As 188.979	83.1	0.0976	mg/L	0.00240	0.0976	mg/L	0.00240	2.46%
Ba 233.527	228434.3	2.1872	mg/L	0.00436	2.1872	mg/L	0.00436	0.20%
Be 313.107	15835.9	0.0069	mg/L	0.00007	0.0069	mg/L	0.00007	1.03%
Co 228.616	2363.2	0.0869	mg/L	0.00002	0.0869	mg/L	0.00002	0.02%
Cr 267.716	12200.0	0.2263	mg/L	0.00329	0.2263	mg/L	0.00329	1.45%
Cu 324.752	439448.8	1.3650	mg/L	0.01378	1.3650	mg/L	0.01378	1.01%
Fe 273.955	8316079.0	221.10	mg/L	1.807	221.10	mg/L	1.807	0.82%
Mg 279.077	644613.7	23.733	mg/L	0.2169	23.733	mg/L	0.2169	0.91%
Mn 257.610	2274223.9	3.3556	mg/L	0.03120	3.3556	mg/L	0.03120	0.93%
Ni 231.604	4577.9	0.2039	mg/L	0.00121	0.2039	mg/L	0.00121	0.60%
Pb 220.353	72010.2	13.236	mg/L	0.0720	13.236	mg/L	0.0720	0.54%
Sb 206.836	-29.5	-0.0293	mg/L	0.00200	-0.0293	mg/L	0.00200	6.85%
Se 196.026	-20.6	0.0432	mg/L	0.00004	0.0432	mg/L	0.00004	0.10%
Tl 190.801	-18.5	0.0408	mg/L	0.00216	0.0408	mg/L	0.00216	5.29%
V 292.402	23297.5	0.2096	mg/L	0.00243	0.2096	mg/L	0.00243	1.16%
Zn 206.200	229649.2	8.4665	mg/L	0.02195	8.4665	mg/L	0.02195	0.26%
Na 330.237	13392.3	8.9853	mg/L	0.05152	8.9853	mg/L	0.05152	0.57%
Cd 226.502	1636.9	0.0202	mg/L	0.00037	0.0202	mg/L	0.00037	1.85%
Ti 334.940	452129.8	0.4690	mg/L	0.00517	0.4690	mg/L	0.00517	1.10%
Ca 227.546	37573.4	128.80	mg/L	0.133	128.80	mg/L	0.133	0.10%

Sequence No.: 14
Sample ID: F0981-06B,31385
Analyst:
Initial Sample Wt:
Dilution: 10X AlCaFeMn

Autosampler Location: 44
Date Collected: 8/3/2007 7:20:35 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	51.3	-0.0470	mg/L	0.00061	-0.0470	mg/L	0.00061	1.30%
Al 308.215	3485543.6	96.114	mg/L	0.4411	96.114	mg/L	0.4411	0.46%
As 188.979	49.8	0.0587	mg/L	0.00210	0.0587	mg/L	0.00210	3.57%
Ba 233.527	99225.4	0.9489	mg/L	0.00547	0.9489	mg/L	0.00547	0.58%
Be 313.107	13419.1	0.0057	mg/L	0.00005	0.0057	mg/L	0.00005	0.93%
Co 228.616	4403.8	0.1587	mg/L	0.00002	0.1587	mg/L	0.00002	0.01%
Cr 267.716	8376.9	0.1511	mg/L	0.00006	0.1511	mg/L	0.00006	0.04%
Cu 324.752	128208.9	0.3999	mg/L	0.00211	0.3999	mg/L	0.00211	0.53%
Fe 273.955	9813930.1	261.04	mg/L	2.637	261.04	mg/L	2.637	1.01%
Mg 279.077	1680868.0	62.044	mg/L	0.3087	62.044	mg/L	0.3087	0.50%
Mn 257.610	6870522.7	10.137	mg/L	0.1263	10.137	mg/L	0.1263	1.25%
Ni 231.604	6352.3	0.2827	mg/L	0.00015	0.2827	mg/L	0.00015	0.05%
Pb 220.353	2029.1	0.3780	mg/L	0.00029	0.3780	mg/L	0.00029	0.08%
Sb 206.836	-29.1	-0.0260	mg/L	0.00172	-0.0260	mg/L	0.00172	6.60%
Se 196.026	-23.8	0.0465	mg/L	0.00166	0.0465	mg/L	0.00166	3.57%
Tl 190.801	-14.8	0.0600	mg/L	0.00548	0.0600	mg/L	0.00548	9.13%
V 292.402	14690.2	0.1349	mg/L	0.00154	0.1349	mg/L	0.00154	1.14%
Zn 206.200	24873.6	0.9171	mg/L	0.00893	0.9171	mg/L	0.00893	0.97%
Na 330.237	16246.7	10.838	mg/L	0.0867	10.838	mg/L	0.0867	0.80%
Cd 226.502	878.5	0.0031	mg/L	0.00021	0.0031	mg/L	0.00021	6.66%
Ti 334.940	276512.6	0.2878	mg/L	0.00192	0.2878	mg/L	0.00192	0.67%
Ca 227.546	44618.7	153.01	mg/L	0.464	153.01	mg/L	0.464	0.30%

Sequence No.: 15
Sample ID: F0936-07B,31385
Analyst:
Initial Sample Wt:
Dilution: 5X AgFeCa

Autosampler Location: 45
Date Collected: 8/3/2007 7:23:50 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-07B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	113706.1	0.7653	mg/L	0.00519	0.7653	mg/L	0.00519	0.68%
Al 308.215	2577837.7	71.083	mg/L	0.5120	71.083	mg/L	0.5120	0.72%
As 188.979	154.5	0.1791	mg/L	0.00056	0.1791	mg/L	0.00056	0.31%
Ba 233.527	1029735.3	9.8644	mg/L	0.07072	9.8644	mg/L	0.07072	0.72%
Be 313.107	13001.4	0.0069	mg/L	0.00004	0.0069	mg/L	0.00004	0.65%
Co 228.616	1510.2	0.0576	mg/L	0.00007	0.0576	mg/L	0.00007	0.12%
Cr 267.716	11692.9	0.2171	mg/L	0.00046	0.2171	mg/L	0.00046	0.21%
Cu 324.752	1132578.7	3.5165	mg/L	0.01266	3.5165	mg/L	0.01266	0.36%
Fe 273.955	5164693.2	137.73	mg/L	0.863	137.73	mg/L	0.863	0.63%
Mg 279.077	570332.5	21.014	mg/L	0.1491	21.014	mg/L	0.1491	0.71%
Mn 257.610	1406565.7	2.0754	mg/L	0.01009	2.0754	mg/L	0.01009	0.49%
Ni 231.604	4000.2	0.1786	mg/L	0.00034	0.1786	mg/L	0.00034	0.19%
Pb 220.353	39449.1	7.2530	mg/L	0.03232	7.2530	mg/L	0.03232	0.45%
Sb 206.836	0.8	-0.0024	mg/L	0.00075	-0.0024	mg/L	0.00075	30.75%
Se 196.026	-2.6	0.0374	mg/L	0.00340	0.0374	mg/L	0.00340	9.08%
Tl 190.801	-8.4	0.0252	mg/L	0.00027	0.0252	mg/L	0.00027	1.05%
V 292.402	19942.1	0.1782	mg/L	0.00134	0.1782	mg/L	0.00134	0.75%
Zn 206.200	160520.9	5.9175	mg/L	0.03934	5.9175	mg/L	0.03934	0.66%
Na 330.237	37259.5	24.860	mg/L	0.3902	24.860	mg/L	0.3902	1.57%
Cd 226.502	1117.4	0.0145	mg/L	0.00003	0.0145	mg/L	0.00003	0.20%
Ti 334.940	999391.0	1.0351	mg/L	0.00219	1.0351	mg/L	0.00219	0.21%
Ca 227.546	42250.4	147.18	mg/L	2.272	147.18	mg/L	2.272	1.54%

Sequence No.: 16
Sample ID: F0936-08B,31385
Analyst:
Initial Sample Wt:
Dilution:

5X AgFeCa

Autosampler Location: 46
Date Collected: 8/3/2007 7:27:04 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-08B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	98794.8	0.6679	mg/L	0.00436	0.6679	mg/L	0.00436	0.65%
Al 308.215	1773738.4	48.910	mg/L	0.1285	48.910	mg/L	0.1285	0.26%
As 188.979	107.0	0.1242	mg/L	0.00475	0.1242	mg/L	0.00475	3.82%
Ba 233.527	732856.9	7.0204	mg/L	0.02072	7.0204	mg/L	0.02072	0.30%
Be 313.107	8777.4	0.0048	mg/L	0.00002	0.0048	mg/L	0.00002	0.49%
Co 228.616	1105.8	0.0420	mg/L	0.00009	0.0420	mg/L	0.00009	0.22%
Cr 267.716	8646.7	0.1604	mg/L	0.00122	0.1604	mg/L	0.00122	0.76%
Cu 324.752	765811.0	2.3779	mg/L	0.00829	2.3779	mg/L	0.00829	0.35%
Fe 273.955	3784729.8	100.91	mg/L	0.180	100.91	mg/L	0.180	0.18%
Mg 279.077	438549.2	16.161	mg/L	0.0325	16.161	mg/L	0.0325	0.20%
Mn 257.610	1076763.0	1.5888	mg/L	0.00422	1.5888	mg/L	0.00422	0.27%
Ni 231.604	2924.2	0.1305	mg/L	0.00036	0.1305	mg/L	0.00036	0.27%
Pb 220.353	28658.6	5.2690	mg/L	0.03906	5.2690	mg/L	0.03906	0.74%
Sb 206.836	9.9	0.0061	mg/L	0.00230	0.0061	mg/L	0.00230	37.46%
Se 196.026	-1.0	0.0284	mg/L	0.00320	0.0284	mg/L	0.00320	11.25%
Tl 190.801	-7.7	0.0177	mg/L	0.00151	0.0177	mg/L	0.00151	8.53%
V 292.402	14394.5	0.1287	mg/L	0.00145	0.1287	mg/L	0.00145	1.12%
Zn 206.200	112579.5	4.1503	mg/L	0.02522	4.1503	mg/L	0.02522	0.61%
Na 330.237	26600.2	17.764	mg/L	0.0670	17.764	mg/L	0.0670	0.38%
Cd 226.502	771.3	0.0097	mg/L	0.00011	0.0097	mg/L	0.00011	1.16%
Ti 334.940	788945.6	0.8170	mg/L	0.00177	0.8170	mg/L	0.00177	0.22%
Ca 227.546	30766.5	107.17	mg/L	0.618	107.17	mg/L	0.618	0.58%

Sequence No.: 17
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/3/2007 7:30:16 AM
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
Ag 328.068	184346.8	1.2449	mg/L	0.00141	1.2449	mg/L	0.00141	0.11%
Al 308.215	362581.2	9.9784	mg/L	0.00286	9.9784	mg/L	0.00286	0.03%
As 188.979	456.1	0.5275	mg/L	0.00061	0.5275	mg/L	0.00061	0.12%
Ba 233.527	1113031.3	10.666	mg/L	0.0826	10.666	mg/L	0.0826	0.77%
Be 313.107	657371.5	0.2517	mg/L	0.00179	0.2517	mg/L	0.00179	0.71%
Co 228.616	75345.5	2.5833	mg/L	0.00489	2.5833	mg/L	0.00489	0.19%
Cr 267.716	56496.4	1.0393	mg/L	0.00141	1.0393	mg/L	0.00141	0.14%
Cu 324.752	405621.9	1.2591	mg/L	0.01303	1.2591	mg/L	0.01303	1.03%
Fe 273.955	197747.0	5.4137	mg/L	0.00039	5.4137	mg/L	0.00039	0.01%
Mg 279.077	693132.1	25.615	mg/L	0.1731	25.615	mg/L	0.1731	0.68%
Mn 257.610	1750090.3	2.5823	mg/L	0.01805	2.5823	mg/L	0.01805	0.70%
Ni 231.604	59703.3	2.6014	mg/L	0.00508	2.6014	mg/L	0.00508	0.20%
Pb 220.353	2837.4	0.5220	mg/L	0.00020	0.5220	mg/L	0.00020	0.04%
Sb 206.836	605.4	0.4821	mg/L	0.00207	0.4821	mg/L	0.00207	0.43%
Se 196.026	377.3	0.5045	mg/L	0.00162	0.5045	mg/L	0.00162	0.32%
Tl 190.801	724.9	0.5233	mg/L	0.00112	0.5233	mg/L	0.00112	0.21%
V 292.402	289041.7	2.5505	mg/L	0.01671	2.5505	mg/L	0.01671	0.66%
Zn 206.200	71025.0	2.6240	mg/L	0.00224	2.6240	mg/L	0.00224	0.09%
Na 330.237	36260.1	24.056	mg/L	0.0396	24.056	mg/L	0.0396	0.16%
Cd 226.502	13346.9	0.2634	mg/L	0.00071	0.2634	mg/L	0.00071	0.27%
Ti 334.940	776.6	0.0010	mg/L	0.00005	0.0010	mg/L	0.00005	5.12%
Ca 227.546	7180.1	25.232	mg/L	0.0555	25.232	mg/L	0.0555	0.22%

Sequence No.: 18
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 7:33:28 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
Ag 328.068	121.0	0.0008	mg/L	0.00010	0.0008	mg/L	0.00010	12.24%
Al 308.215	-152.1	-0.0042	mg/L	0.00040	-0.0042	mg/L	0.00040	9.57%
As 188.979	2.1	0.0024	mg/L	0.00172	0.0024	mg/L	0.00172	71.64%
Ba 233.527	143.3	0.0014	mg/L	0.00018	0.0014	mg/L	0.00018	12.80%
Be 313.107	216.4	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	12.62%
Co 228.616	14.8	0.0005	mg/L	0.00006	0.0005	mg/L	0.00006	12.63%
Cr 267.716	4.9	0.0001	mg/L	0.00014	0.0001	mg/L	0.00014	158.99%
Cu 324.752	812.2	0.0025	mg/L	0.00010	0.0025	mg/L	0.00010	3.95%
Fe 273.955	496.4	0.0130	mg/L	0.00112	0.0130	mg/L	0.00112	8.60%
Mg 279.077	190.2	0.0070	mg/L	0.00380	0.0070	mg/L	0.00380	54.16%
Mn 257.610	133.4	0.0002	mg/L	0.00004	0.0002	mg/L	0.00004	17.91%
Ni 231.604	2.0	0.0001	mg/L	0.00015	0.0001	mg/L	0.00015	180.52%
Pb 220.353	15.8	0.0029	mg/L	0.00038	0.0029	mg/L	0.00038	12.94%
Sb 206.836	1.0	0.0008	mg/L	0.00014	0.0008	mg/L	0.00014	16.82%
Se 196.026	1.8	0.0024	mg/L	0.00131	0.0024	mg/L	0.00131	55.03%
Tl 190.801	4.1	0.0029	mg/L	0.00259	0.0029	mg/L	0.00259	88.76%
V 292.402	8.2	0.0001	mg/L	0.00041	0.0001	mg/L	0.00041	565.29%
Zn 206.200	37.3	0.0014	mg/L	0.00010	0.0014	mg/L	0.00010	7.04%
Na 330.237	181.3	0.1207	mg/L	0.02680	0.1207	mg/L	0.02680	22.20%
Cd 226.502	1.4	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009	334.18%
Ti 334.940	97.8	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	42.21%
Ca 227.546	-10.9	-0.0392	mg/L	0.00527	-0.0392	mg/L	0.00527	13.44%

Sequence No.: 19
Sample ID: F0936-05B,31386
Analyst:
Initial Sample Wt:
Dilution: 3X Fe

Autosampler Location: 47
Date Collected: 8/3/2007 7:36:34 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-05B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	-20.7	-0.0299	mg/L	0.00014	-0.0299	mg/L	0.00014	0.47%
Al 308.215	417790.1	11.520	mg/L	0.0754	11.520	mg/L	0.0754	0.65%

As 188.979	15.4	0.0163 mg/L	0.00180	0.0163 mg/L	0.00180	11.03%
Ba 233.527	27214.2	0.2598 mg/L	0.00042	0.2598 mg/L	0.00042	0.16%
Be 313.107	5641.5	0.0023 mg/L	0.00000	0.0023 mg/L	0.00000	0.16%
Co 228.616	1261.2	0.0425 mg/L	0.00006	0.0425 mg/L	0.00006	0.14%
Cr 267.716	1038.6	0.0178 mg/L	0.00000	0.0178 mg/L	0.00000	0.01%
Cu 324.752	32366.8	0.0993 mg/L	0.00090	0.0993 mg/L	0.00090	0.90%
Fe 273.955	4954486.1	131.28 mg/L✓	1.270	131.28 mg/L	1.270	0.97%
Mg 279.077	91905.5	3.3759 mg/L	0.01719	3.3759 mg/L	0.01719	0.51%
Mn 257.610	2495988.6	3.6828 mg/L	0.03323	3.6828 mg/L	0.03323	0.90%
Ni 231.604	2989.6	0.1306 mg/L	0.00019	0.1306 mg/L	0.00019	0.15%
Pb 220.353	269.7	0.0495 mg/L	0.00017	0.0495 mg/L	0.00017	0.35%
Sb 206.836	-10.3	-0.0089 mg/L	0.00033	-0.0089 mg/L	0.00033	3.69%
Se 196.026	-15.5	0.0243 mg/L	0.00258	0.0243 mg/L	0.00258	10.61%
Tl 190.801	-0.7	0.0358 mg/L	0.00072	0.0358 mg/L	0.00072	2.00%
V 292.402	3576.9	0.0341 mg/L	0.00020	0.0341 mg/L	0.00020	0.60%
Zn 206.200	12175.8	0.4491 mg/L	0.00136	0.4491 mg/L	0.00136	0.30%
Na 330.237	764.7	0.6639 mg/L	0.00338	0.6639 mg/L	0.00338	0.51%
Cd 226.502	497.8	0.0026 mg/L	0.00002	0.0026 mg/L	0.00002	0.63%
Ti 334.940	100649.2	0.1041 mg/L	0.00018	0.1041 mg/L	0.00018	0.17%
Ca 227.546	2000.9	4.3173 mg/L	0.00303	4.3173 mg/L	0.00303	0.07%

Sequence No.: 20
Sample ID: F0936-13B,31386
Analyst:
Initial Sample Wt:
Dilution: 3X Fe

Autosampler Location: 48
Date Collected: 8/3/2007 7:39:46 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-13B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Ag 328.068	7.6	-0.0327	mg/L	0.00009	-0.0327	mg/L	0.00009	0.29%
Al 308.215	1446091.0	39.873	mg/L	0.1373	39.873	mg/L	0.1373	0.34%
As 188.979	10.4	0.0129	mg/L	0.00173	0.0129	mg/L	0.00173	13.35%
Ba 233.527	91357.6	0.8749	mg/L	0.00288	0.8749	mg/L	0.00288	0.33%
Be 313.107	3056.3	0.0025	mg/L	0.00001	0.0025	mg/L	0.00001	0.32%
Co 228.616	1452.9	0.0483	mg/L	0.00021	0.0483	mg/L	0.00021	0.44%
Cr 267.716	5512.2	0.1024	mg/L	0.00561	0.1024	mg/L	0.00561	5.48%
Cu 324.752	1902317.7	5.9006	mg/L	0.01319	5.9006	mg/L	0.01319	0.22%
Fe 273.955	4871079.6	129.29	mg/L✓	0.311	129.29	mg/L	0.311	0.24%
Mg 279.077	483409.6	17.811	mg/L	0.0403	17.811	mg/L	0.0403	0.23%
Mn 257.610	1520699.8	2.2438	mg/L	0.00150	2.2438	mg/L	0.00150	0.07%
Ni 231.604	11437.7	0.4987	mg/L	0.01041	0.4987	mg/L	0.01041	2.09%
Pb 220.353	10468.3	1.9237	mg/L	0.01674	1.9237	mg/L	0.01674	0.87%
Sb 206.836	59.0	0.0480	mg/L	0.00078	0.0480	mg/L	0.00078	1.62%
Se 196.026	-14.8	0.0276	mg/L	0.00779	0.0276	mg/L	0.00779	28.22%
Tl 190.801	-11.0	0.0235	mg/L	0.00078	0.0235	mg/L	0.00078	3.31%
V 292.402	47754.9	0.4229	mg/L	0.00556	0.4229	mg/L	0.00556	1.32%
Zn 206.200	57529.2	2.1206	mg/L	0.01266	2.1206	mg/L	0.01266	0.60%
Na 330.237	3113.8	2.3296	mg/L	0.03181	2.3296	mg/L	0.03181	1.37%
Cd 226.502	652.9	0.0060	mg/L	0.00010	0.0060	mg/L	0.00010	1.64%
Ti 334.940	723783.4	0.7486	mg/L	0.00109	0.7486	mg/L	0.00109	0.15%
Ca 227.546	6791.6	21.323	mg/L	0.0824	21.323	mg/L	0.0824	0.39%

Sequence No.: 21
Sample ID: F0936-17B,3138[illegible] 5 JRW 8/3/07
Analyst:
Initial Sample Wt:
Dilution: 3X Fe

Autosampler Location: 49
Date Collected: 8/3/2007 7:43:00 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-17B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Ag 328.068	6.6	-0.0411	mg/L	0.00054	-0.0411	mg/L	0.00054	1.31%
Al 308.215	3307755.0	91.211	mg/L	1.1024	91.211	mg/L	1.1024	1.21%
As 188.979	42.7	0.0503	mg/L	0.00734	0.0503	mg/L	0.00734	14.59%
Ba 233.527	230527.7	2.2073	mg/L	0.01663	2.2073	mg/L	0.01663	0.75%
Be 313.107	12266.7	0.0054	mg/L	0.00004	0.0054	mg/L	0.00004	0.66%

Co 228.616	3794.0	0.1329 mg/L	0.00046	0.1329 mg/L	0.00046	0.35%
Cr 267.716	8240.5	0.1503 mg/L	0.00050	0.1503 mg/L	0.00050	0.33%
Cu 324.752	108510.0	0.3370 mg/L	0.00308	0.3370 mg/L	0.00308	0.91%
Fe 273.955	7662934.2	203.72 mg/L✓	1.817	203.72 mg/L	1.817	0.89%
Mg 279.077	946516.3	34.931 mg/L	0.3215	34.931 mg/L	0.3215	0.92%
Mn 257.610	4945964.3	7.2978 mg/L	0.07528	7.2978 mg/L	0.07528	1.03%
Ni 231.604	5118.5	0.2269 mg/L	0.00020	0.2269 mg/L	0.00020	0.09%
Pb 220.353	941.6	0.1777 mg/L	0.00009	0.1777 mg/L	0.00009	0.05%
Sb 206.836	-21.4	-0.0215 mg/L	0.00143	-0.0215 mg/L	0.00143	6.65%
Se 196.026	-19.2	0.0396 mg/L	0.00711	0.0396 mg/L	0.00711	17.95%
Tl 190.801	-6.7	0.0480 mg/L	0.00049	0.0480 mg/L	0.00049	1.02%
V 292.402	15566.5	0.1415 mg/L	0.00128	0.1415 mg/L	0.00128	0.91%
Zn 206.200	21230.5	0.7825 mg/L	0.00565	0.7825 mg/L	0.00565	0.72%
Na 330.237	4406.5	3.0748 mg/L	0.00139	3.0748 mg/L	0.00139	0.05%
Cd 226.502	774.5	0.0042 mg/L	0.00006	0.0042 mg/L	0.00006	1.39%
Ti 334.940	365667.6	0.3790 mg/L	0.00574	0.3790 mg/L	0.00574	1.52%
Ca 227.546	22976.4	77.320 mg/L	0.6126	77.320 mg/L	0.6126	0.79%

Sequence No.: 22
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/3/2007 7:46:17 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	1579.5	0.0106	mg/L✓	0.00028	0.0106	mg/L	0.00028	2.63%
Al 308.215	7598.4	0.2092	mg/L	0.00629	0.2092	mg/L	0.00629	3.01%
As 188.979	10.3	0.0117	mg/L	0.00041	0.0117	mg/L	0.00041	3.48%
Ba 233.527	23614.5	0.2263	mg/L	0.00122	0.2263	mg/L	0.00122	0.54%
Be 313.107	13457.5	0.0052	mg/L	0.00002	0.0052	mg/L	0.00002	0.36%
Co 228.616	1558.8	0.0537	mg/L	0.00023	0.0537	mg/L	0.00023	0.43%
Cr 267.716	559.1	0.0103	mg/L	0.00004	0.0103	mg/L	0.00004	0.35%
Cu 324.752	9037.0	0.0282	mg/L	0.00007	0.0282	mg/L	0.00007	0.26%
Fe 273.955	6037.1	0.1856	mg/L	0.00515	0.1856	mg/L	0.00515	2.77%
Mg 279.077	144114.8	5.3197	mg/L	0.03165	5.3197	mg/L	0.03165	0.59%
Mn 257.610	11942.8	0.0176	mg/L✓	0.00034	0.0176	mg/L	0.00034	1.92%
Ni 231.604	980.2	0.0428	mg/L	0.00016	0.0428	mg/L	0.00016	0.37%
Pb 220.353	61.2	0.0113	mg/L✓	0.00111	0.0113	mg/L	0.00111	9.83%
Sb 206.836	79.5	0.0672	mg/L	0.00209	0.0672	mg/L	0.00209	3.11%
Se 196.026	29.5	0.0392	mg/L	0.00384	0.0392	mg/L	0.00384	9.79%
Tl 190.801	36.1	0.0260	mg/L	0.00320	0.0260	mg/L	0.00320	12.30%
V 292.402	5894.5	0.0520	mg/L	0.00012	0.0520	mg/L	0.00012	0.23%
Zn 206.200	1846.2	0.0682	mg/L✓	0.00004	0.0682	mg/L	0.00004	0.05%
Na 330.237	6055.5	4.0181	mg/L	0.08211	4.0181	mg/L	0.08211	2.04%
Cd 226.502	280.8	0.0055	mg/L	0.00003	0.0055	mg/L	0.00003	0.49%
Ti 334.940	73.0	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	23.81%
Ca 227.546	1366.6	4.8487	mg/L✓	0.05264	4.8487	mg/L	0.05264	1.09%

Sequence No.: 23
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/3/2007 7:49:21 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
Ag 328.068	-178.6	-0.0013	mg/L	0.00006	-0.0013	mg/L	0.00006	4.29%
Al 308.215	16848784.7	464.61	mg/L✓	1.043	464.61	mg/L	1.043	0.22%
As 188.979	-9.2	0.0003	mg/L	0.00225	0.0003	mg/L	0.00225	793.24%
Ba 233.527	317.7	0.0018	mg/L	0.00007	0.0018	mg/L	0.00007	3.81%
Be 313.107	161.4	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	16.54%
Co 228.616	108.8	0.0357	mg/L	0.00001	0.0357	mg/L	0.00001	0.02%
Cr 267.716	-137.3	0.0136	mg/L	0.00029	0.0136	mg/L	0.00029	2.11%
Cu 324.752	-4633.8	-0.0008	mg/L	0.00003	-0.0008	mg/L	0.00003	4.13%

Fe 273.955	6383779.5	173.83 mg/L✓	0.150	173.83 mg/L	0.150	0.09%
Mg 279.077	12014330.7	443.39 mg/L	0.404	443.39 mg/L	0.404	0.09%
Mn 257.610	1586.8	0.0023 mg/L	0.00009	0.0023 mg/L	0.00009	3.75%
Saturated outside survey window (code 6)						
Ni 231.604	43.6	0.0249 mg/L	0.00019	0.0249 mg/L	0.00019	0.77%
Pb 220.353	-154.1	0.0053 mg/L	0.00108	0.0053 mg/L	0.00108	20.17%
Sb 206.836	-14.5	-0.0062 mg/L	0.00407	-0.0062 mg/L	0.00407	66.01%
Se 196.026	-27.0	0.0019 mg/L	0.01113	0.0019 mg/L	0.01113	592.44%
Tl 190.801	-10.7	0.0064 mg/L	0.00492	0.0064 mg/L	0.00492	76.47%
V 292.402	-582.9	-0.0023 mg/L	0.00018	-0.0023 mg/L	0.00018	8.17%
Zn 206.200	331.0	0.0068 mg/L	0.00007	0.0068 mg/L	0.00007	0.97%
Na 330.237	894.3	-0.2461 mg/L	0.00591	-0.2461 mg/L	0.00591	2.40%
Cd 226.502	529.2	0.0011 mg/L	0.00041	0.0011 mg/L	0.00041	36.43%
Ti 334.940	-5602.8	0.0003 mg/L	0.00005	0.0003 mg/L	0.00005	16.77%
Ca 227.546	142927.8	504.20 mg/L✓	0.833	504.20 mg/L	0.833	0.17%

Sequence No.: 24
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/3/2007 7:52:36 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
Ag 328.068	28969.7	0.1952	mg/L✓	0.00307	0.1952	mg/L	0.00307	1.57%
Al 308.215	16601535.6	457.79	mg/L✓	7.099	457.79	mg/L	7.099	1.55%
As 188.979	69.9	0.0956	mg/L	0.00343	0.0956	mg/L	0.00343	3.59%
Ba 233.527	51443.3	0.4922	mg/L	0.00249	0.4922	mg/L	0.00249	0.51%
Be 313.107	1152893.3	0.4413	mg/L	0.00076	0.4413	mg/L	0.00076	0.17%
Co 228.616	12086.7	0.4460	mg/L	0.00145	0.4460	mg/L	0.00145	0.32%
Cr 267.716	23715.9	0.4522	mg/L	0.00589	0.4522	mg/L	0.00589	1.30%
Cu 324.752	151755.1	0.4843	mg/L	0.00162	0.4843	mg/L	0.00162	0.34%
Fe 273.955	6310864.5	171.86	mg/L✓	2.592	171.86	mg/L	2.592	1.51%
Mg 279.077	11853754.3	437.47	mg/L	6.577	437.47	mg/L	6.577	1.50%
Mn 257.610	313201.7	0.4622	mg/L✓	0.00049	0.4622	mg/L	0.00049	0.11%
Ni 231.604	18490.1	0.8282	mg/L	0.00185	0.8282	mg/L	0.00185	0.22%
Pb 220.353	82.9	0.0484	mg/L✓	0.00087	0.0484	mg/L	0.00087	1.80%
Sb 206.836	702.8	0.5872	mg/L	0.00385	0.5872	mg/L	0.00385	0.66%
Se 196.026	8.8	0.0490	mg/L	0.00414	0.0490	mg/L	0.00414	8.45%
Tl 190.801	107.5	0.0916	mg/L	0.00391	0.0916	mg/L	0.00391	4.27%
V 292.402	50730.6	0.4509	mg/L	0.00363	0.4509	mg/L	0.00363	0.81%
Zn 206.200	23314.5	0.8565	mg/L✓	0.00484	0.8565	mg/L	0.00484	0.57%
Na 330.237	1800.8	0.3526	mg/L	0.08942	0.3526	mg/L	0.08942	25.36%
Cd 226.502	44985.5	0.8760	mg/L	0.00383	0.8760	mg/L	0.00383	0.44%
Ti 334.940	-5593.4	0.0002	mg/L	0.00008	0.0002	mg/L	0.00008	38.04%
Ca 227.546	142518.8	502.74	mg/L✓	1.034	502.74	mg/L	1.034	0.21%

Sequence No.: 25
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/3/2007 7:55:49 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	179296.9	1.2101	mg/L✓	0.01458	1.2101	mg/L	0.01458	1.20%
Al 308.215	359580.9	9.8958	mg/L✓	0.03502	9.8958	mg/L	0.03502	0.35%
As 188.979	460.7	0.5322	mg/L	0.00130	0.5322	mg/L	0.00130	0.24%
Ba 233.527	1123593.2	10.768	mg/L	0.0355	10.768	mg/L	0.0355	0.33%
Be 313.107	659447.7	0.2525	mg/L	0.00031	0.2525	mg/L	0.00031	0.12%
Co 228.616	74551.6	2.5561	mg/L	0.02252	2.5561	mg/L	0.02252	0.88%
Cr 267.716	55051.4	1.0127	mg/L	0.01230	1.0127	mg/L	0.01230	1.21%
Cu 324.752	408336.4	1.2675	mg/L	0.00249	1.2675	mg/L	0.00249	0.20%
Fe 273.955	195843.0	5.3636	mg/L✓	0.00479	5.3636	mg/L	0.00479	0.09%
Mg 279.077	702008.1	25.943	mg/L	0.0872	25.943	mg/L	0.0872	0.34%

Mn 257.610	1761930.7	2.5998 mg/L✓	0.01534	2.5998 mg/L	0.01534	0.59%
Ni 231.604	58395.2	2.5444 mg/L	0.02937	2.5444 mg/L	0.02937	1.15%
Pb 220.353	2814.4	0.5178 mg/L✓	0.00543	0.5178 mg/L	0.00543	1.05%
Sb 206.836	610.5	0.4873 mg/L	0.00328	0.4873 mg/L	0.00328	0.67%
Se 196.026	381.4	0.5098 mg/L	0.00195	0.5098 mg/L	0.00195	0.38%
Tl 190.801	725.7	0.5239 mg/L	0.00010	0.5239 mg/L	0.00010	0.02%
V 292.402	287942.1	2.5408 mg/L	0.01559	2.5408 mg/L	0.01559	0.61%
Zn 206.200	70442.5	2.6024 mg/L✓	0.01458	2.6024 mg/L	0.01458	0.56%
Na 330.237	35911.5	23.824 mg/L	0.0749	23.824 mg/L	0.0749	0.31%
Cd 226.502	13156.0	0.2597 mg/L	0.00008	0.2597 mg/L	0.00008	0.03%
Ti 334.940	523.9	0.0007 mg/L	0.00003	0.0007 mg/L	0.00003	3.49%
Ca 227.546	7203.3	25.318 mg/L✓	0.1300	25.318 mg/L	0.1300	0.51%

Sequence No.: 26
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 7:59:01 AM
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
Ag 328.068	61.4	0.0004	mg/L	0.00013	0.0004	mg/L	0.00013	30.17%
Al 308.215	336.6	0.0093	mg/L	0.00849	0.0093	mg/L	0.00849	91.45%
As 188.979	-1.1	-0.0012	mg/L	0.00038	-0.0012	mg/L	0.00038	31.68%
Ba 233.527	125.3	0.0012	mg/L	0.00005	0.0012	mg/L	0.00005	4.16%
Be 313.107	209.6	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	13.87%
Co 228.616	15.0	0.0005	mg/L	0.00000	0.0005	mg/L	0.00000	0.25%
Cr 267.716	14.0	0.0003	mg/L	0.00005	0.0003	mg/L	0.00005	20.29%
Cu 324.752	661.4	0.0020	mg/L	0.00003	0.0020	mg/L	0.00003	1.35%
Fe 273.955	511.7	0.0134	mg/L	0.00069	0.0134	mg/L	0.00069	5.15%
Mg 279.077	561.5	0.0207	mg/L	0.00510	0.0207	mg/L	0.00510	24.59%
Mn 257.610	123.0	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	5.53%
Ni 231.604	7.9	0.0003	mg/L	0.00017	0.0003	mg/L	0.00017	49.81%
Pb 220.353	6.4	0.0012	mg/L	0.00036	0.0012	mg/L	0.00036	30.60%
Sb 206.836	3.7	0.0031	mg/L	0.00033	0.0031	mg/L	0.00033	10.61%
Se 196.026	-0.3	-0.0004	mg/L	0.00260	-0.0004	mg/L	0.00260	604.82%
Tl 190.801	2.5	0.0018	mg/L	0.00069	0.0018	mg/L	0.00069	37.68%
V 292.402	2.4	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	20.71%
Zn 206.200	19.4	0.0007	mg/L	0.00003	0.0007	mg/L	0.00003	4.86%
Na 330.237	114.7	0.0764	mg/L	0.10056	0.0764	mg/L	0.10056	131.60%
Cd 226.502	3.6	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	0.70%
Ti 334.940	-13.3	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	115.62%
Ca 227.546	-18.0	-0.0644	mg/L	0.00116	-0.0644	mg/L	0.00116	1.80%

Reprocessing Begun
Logged In Analyst: optima3 Technique: ICP Continuous

Results Data Set (original): B07080305
Results Library (original): C:\pe\Administrator\Results\Results.mdb
Results Data Set (reprocessed): B07080305A
Results Library (reprocessed): C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1 Autosampler Location: 1
Sample ID: S0 Date Collected: 8/3/2007 10:07:32 PM
Analyst: Data Type: Reprocessed on 8/6/2007 8:17:29 AM
Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	-41.9	34.07	81.27%	[0.00]	mg/L
Al 308.215	5578.1	147.55	2.65%	[0.00]	mg/L
As 188.979	-0.0	1.81	>999.9%	[0.00]	mg/L
Ba 233.527	-23.8	2.11	8.86%	[0.00]	mg/L
Be 313.107	-1606.9	43.33	2.70%	[0.00]	mg/L
Co 228.616	-3.8	1.54	40.03%	[0.00]	mg/L
Cr 267.716	-26.7	2.89	10.81%	[0.00]	mg/L
Cu 324.752	978.2	45.97	4.70%	[0.00]	mg/L
Fe 273.955	-201.9	2.19	1.09%	[0.00]	mg/L
Mg 279.077	-167.1	53.61	32.09%	[0.00]	mg/L
Mn 257.610	-13.2	0.63	4.76%	[0.00]	mg/L
Ni 231.604	-8.3	6.62	79.41%	[0.00]	mg/L
Pb 220.353	21.2	2.33	11.00%	[0.00]	mg/L
Sb 206.836	11.3	3.10	27.36%	[0.00]	mg/L
Se 196.026	0.6	2.01	325.35%	[0.00]	mg/L
Tl 190.801	0.2	0.50	325.12%	[0.00]	mg/L
V 292.402	-15.3	16.33	106.79%	[0.00]	mg/L
Zn 206.200	13.3	5.08	38.08%	[0.00]	mg/L
Na 330.237	-191.0	78.26	40.98%	[0.00]	mg/L
Cd 226.502	-23.7	3.80	16.06%	[0.00]	mg/L
Ti 334.940	-37.5	8.55	22.79%	[0.00]	mg/L
Ca 227.546	48.3	9.70	20.07%	[0.00]	mg/L

Sequence No.: 2 Autosampler Location: 9
Sample ID: S1 Date Collected: 8/3/2007 10:10:37 PM
Analyst: Data Type: Reprocessed on 8/6/2007 8:17:40 AM
Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Ag 328.068	369255.2	5038.05	1.36%	[2.5]	mg/L
Al 308.215	743641.5	4736.73	0.64%	[20]	mg/L
As 188.979	929.8	0.36	0.04%	[1]	mg/L
Ba 233.527	2157082.9	14307.30	0.66%	[20]	mg/L
Be 313.107	1321587.5	13251.87	1.00%	[0.5]	mg/L
Co 228.616	148846.2	564.27	0.38%	[5]	mg/L
Cr 267.716	110042.5	404.44	0.37%	[2]	mg/L
Cu 324.752	820829.4	7158.50	0.87%	[2.5]	mg/L
Fe 273.955	386906.3	1195.76	0.31%	[10]	mg/L
Mg 279.077	1400712.8	7897.48	0.56%	[50]	mg/L
Mn 257.610	3482013.4	21451.80	0.62%	[5]	mg/L
Ni 231.604	116648.1	434.27	0.37%	[5]	mg/L
Pb 220.353	5616.9	17.90	0.32%	[1]	mg/L
Sb 206.836	1186.1	3.96	0.33%	[1]	mg/L

Se 196.026	775.5	2.01	0.26%	[1] mg/L
Tl 190.801	1425.8	0.57	0.04%	[1] mg/L
V 292.402	575687.9	5059.39	0.88%	[5] mg/L
Zn 206.200	138423.4	389.19	0.28%	[5] mg/L
Na 330.237	76394.3	273.67	0.36%	[50] mg/L
Cd 226.502	26675.1	106.28	0.40%	[0.5] mg/L
Ti 334.940	989275.5	7726.68	0.78%	[1] mg/L
Ca 227.546	14471.8	38.25	0.26%	[50] mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Ag 328.068	1	Lin Thru 0	0.0	147700	0.00000	1.000000	
Al 308.215	1	Lin Thru 0	0.0	37180	0.00000	1.000000	
As 188.979	1	Lin Thru 0	0.0	929.8	0.00000	1.000000	
Ba 233.527	1	Lin Thru 0	0.0	107900	0.00000	1.000000	
Be 313.107	1	Lin Thru 0	0.0	2643000	0.00000	1.000000	
Co 228.616	1	Lin Thru 0	0.0	29770	0.00000	1.000000	
Cr 267.716	1	Lin Thru 0	0.0	55020	0.00000	1.000000	
Cu 324.752	1	Lin Thru 0	0.0	328300	0.00000	1.000000	
Fe 273.955	1	Lin Thru 0	0.0	38690	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	28010	0.00000	1.000000	
Mn 257.610	1	Lin Thru 0	0.0	696400	0.00000	1.000000	
Ni 231.604	1	Lin Thru 0	0.0	23330	0.00000	1.000000	
Pb 220.353	1	Lin Thru 0	0.0	5617	0.00000	1.000000	
Sb 206.836	1	Lin Thru 0	0.0	1186	0.00000	1.000000	
Se 196.026	1	Lin Thru 0	0.0	775.5	0.00000	1.000000	
Tl 190.801	1	Lin Thru 0	0.0	1426	0.00000	1.000000	
V 292.402	1	Lin Thru 0	0.0	115100	0.00000	1.000000	
Zn 206.200	1	Lin Thru 0	0.0	27680	0.00000	1.000000	
Na 330.237	1	Lin Thru 0	0.0	1528	0.00000	1.000000	
Cd 226.502	1	Lin Thru 0	0.0	53350	0.00000	1.000000	
Ti 334.940	1	Lin Thru 0	0.0	989300	0.00000	1.000000	
Ca 227.546	1	Lin Thru 0	0.0	289.4	0.00000	1.000000	

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Sequence No.: 3
Sample ID: ICV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 8/3/2007 10:13:51 PM
Data Type: Reprocessed on 8/6/2007 8:17:54 AM

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
Ag 328.068	271972.0	1.7953	mg/L	0.00794	1.7953	mg/L	0.00794	0.44%
Al 308.215	552811.4	14.838	mg/L	0.0350	14.838	mg/L	0.0350	0.24%
As 188.979	695.2	0.7697	mg/L	0.00444	0.7697	mg/L	0.00444	0.58%
Ba 233.527	1662881.1	15.423	mg/L	0.0354	15.423	mg/L	0.0354	0.23%
Be 313.107	988266.4	0.3740	mg/L	0.00152	0.3740	mg/L	0.00152	0.41%
Co 228.616	111389.3	3.7438	mg/L	0.00121	3.7438	mg/L	0.00121	0.03%
Cr 267.716	82776.9	1.5034	mg/L	0.00734	1.5034	mg/L	0.00734	0.49%
Cu 324.752	613523.8	1.8698	mg/L	0.00528	1.8698	mg/L	0.00528	0.28%
Fe 273.955	290425.4	7.7691	mg/L	0.01730	7.7691	mg/L	0.01730	0.22%
Mg 279.077	1054914.1	37.701	mg/L	0.0929	37.701	mg/L	0.0929	0.25%
Mn 257.610	2637505.3	3.7874	mg/L	0.01193	3.7874	mg/L	0.01193	0.31%
Ni 231.604	87453.7	3.7492	mg/L	0.01294	3.7492	mg/L	0.01294	0.35%
Pb 220.353	4146.2	0.7391	mg/L	0.00113	0.7391	mg/L	0.00113	0.15%
Sb 206.836	890.3	0.7065	mg/L	0.00362	0.7065	mg/L	0.00362	0.51%
Se 196.026	575.0	0.7413	mg/L	0.00625	0.7413	mg/L	0.00625	0.84%
Tl 190.801	1062.7	0.7491	mg/L	0.01028	0.7491	mg/L	0.01028	1.37%
V 292.402	434680.3	3.7782	mg/L	0.01557	3.7782	mg/L	0.01557	0.41%
Zn 206.200	104856.1	3.7954	mg/L	0.00233	3.7954	mg/L	0.00233	0.06%
Na 330.237	56064.5	36.599	mg/L	0.0036	36.599	mg/L	0.0036	0.01%
Cd 226.502	19736.2	0.3713	mg/L	0.00147	0.3713	mg/L	0.00147	0.40%
Ti 334.940	980.1	0.0013	mg/L	0.00000	0.0013	mg/L	0.00000	0.13%
Ca 227.546	10907.1	37.277	mg/L	0.0773	37.277	mg/L	0.0773	0.21%

Sequence No.: 4
Sample ID: ICB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 10:17:04 PM
Data Type: Reprocessed on 8/6/2007 8:17:55 AM

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
Ag 328.068	410.4	0.0028	mg/L	0.00031	0.0028	mg/L	0.00031	11.26%
Al 308.215	47.5	0.0013	mg/L	0.00177	0.0013	mg/L	0.00177	139.35%
As 188.979	-1.8	-0.0019	mg/L	0.00155	-0.0019	mg/L	0.00155	82.54%
Ba 233.527	166.4	0.0015	mg/L	0.00024	0.0015	mg/L	0.00024	15.61%
Be 313.107	171.5	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	5.60%
Co 228.616	11.4	0.0004	mg/L	0.00018	0.0004	mg/L	0.00018	46.04%
Cr 267.716	7.6	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	45.45%
Cu 324.752	168.4	0.0005	mg/L	0.00020	0.0005	mg/L	0.00020	38.68%
Fe 273.955	32.7	0.0011	mg/L	0.00054	0.0011	mg/L	0.00054	50.23%
Mg 279.077	101.5	0.0036	mg/L	0.00317	0.0036	mg/L	0.00317	87.31%
Mn 257.610	264.7	0.0004	mg/L	0.00006	0.0004	mg/L	0.00006	15.76%
Ni 231.604	9.1	0.0004	mg/L	0.00026	0.0004	mg/L	0.00026	66.50%
Pb 220.353	7.0	0.0012	mg/L	0.00045	0.0012	mg/L	0.00045	36.22%
Sb 206.836	2.0	0.0017	mg/L	0.00240	0.0017	mg/L	0.00240	141.24%
Se 196.026	3.7	0.0047	mg/L	0.00147	0.0047	mg/L	0.00147	31.22%
Tl 190.801	-0.9	-0.0006	mg/L	0.00095	-0.0006	mg/L	0.00095	157.07%
V 292.402	66.4	0.0006	mg/L	0.00015	0.0006	mg/L	0.00015	25.84%
Zn 206.200	62.7	0.0023	mg/L	0.00033	0.0023	mg/L	0.00033	14.62%
Na 330.237	112.7	0.0737	mg/L	0.05492	0.0737	mg/L	0.05492	74.53%
Cd 226.502	2.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	27.99%
Ti 334.940	9.8	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	19.01%
Ca 227.546	15.6	0.0540	mg/L	0.03754	0.0540	mg/L	0.03754	69.52%

Sequence No.: 5
Sample ID: CRI
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/3/2007 10:20:10 PM
Data Type: Reprocessed on 8/6/2007 8:17:57 AM

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
Ag 328.068	1713.6	0.0113	mg/L	0.00052	0.0113	mg/L	0.00052	4.62%
Al 308.215	7206.9	0.1935	mg/L	0.00071	0.1935	mg/L	0.00071	0.37%
As 188.979	7.9	0.0087	mg/L	0.00158	0.0087	mg/L	0.00158	18.23%
Ba 233.527	23728.9	0.2201	mg/L	0.00018	0.2201	mg/L	0.00018	0.08%
Be 313.107	13318.3	0.0050	mg/L	0.00000	0.0050	mg/L	0.00000	0.05%
Co 228.616	1549.6	0.0524	mg/L	0.00017	0.0524	mg/L	0.00017	0.33%
Cr 267.716	550.1	0.0100	mg/L	0.00018	0.0100	mg/L	0.00018	1.84%
Cu 324.752	8334.1	0.0255	mg/L	0.00008	0.0255	mg/L	0.00008	0.31%
Fe 273.955	4149.3	0.1328	mg/L	0.00071	0.1328	mg/L	0.00071	0.54%
Mg 279.077	145088.2	5.1793	mg/L	0.00537	5.1793	mg/L	0.00537	0.10%
Mn 257.610	11287.8	0.0162	mg/L	0.00000	0.0162	mg/L	0.00000	0.02%
Ni 231.604	987.7	0.0424	mg/L	0.00012	0.0424	mg/L	0.00012	0.29%
Pb 220.353	58.7	0.0105	mg/L	0.00061	0.0105	mg/L	0.00061	5.80%
Sb 206.836	81.1	0.0683	mg/L	0.00243	0.0683	mg/L	0.00243	3.56%
Se 196.026	30.4	0.0389	mg/L	0.00229	0.0389	mg/L	0.00229	5.89%
Tl 190.801	32.0	0.0225	mg/L	0.00172	0.0225	mg/L	0.00172	7.66%
V 292.402	5854.7	0.0509	mg/L	0.00004	0.0509	mg/L	0.00004	0.09%
Zn 206.200	1848.4	0.0669	mg/L	0.00022	0.0669	mg/L	0.00022	0.33%
Na 330.237	5947.5	3.8826	mg/L	0.10230	3.8826	mg/L	0.10230	2.63%
Cd 226.502	282.3	0.0053	mg/L	0.00004	0.0053	mg/L	0.00004	0.75%
Ti 334.940	-79.7	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	99.00%
Ca 227.546	1403.2	4.8422	mg/L	0.07545	4.8422	mg/L	0.07545	1.56%

Sequence No.: 6
Sample ID: ICSA
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/3/2007 10:23:14 PM
Data Type: Reprocessed on 8/6/2007 8:17:57 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Ag 328.068	-118.2	-0.0014	mg/L	0.00036	-0.0014	mg/L	0.00036	25.38%
Al 308.215	17005510.0	457.36	mg/L	2.103	457.36	mg/L	2.103	0.46%
As 188.979	-15.9	-0.0067	mg/L	0.00412	-0.0067	mg/L	0.00412	61.55%
Ba 233.527	311.5	0.0017	mg/L	0.00004	0.0017	mg/L	0.00004	2.55%
Be 313.107	97.4	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	61.05%
Co 228.616	101.6	0.0346	mg/L	0.00039	0.0346	mg/L	0.00039	1.11%
Cr 267.716	-150.1	-0.0080	mg/L	0.00014	-0.0080	mg/L	0.00014	1.76%
Cu 324.752	-5407.8	-0.0033	mg/L	0.00028	-0.0033	mg/L	0.00028	8.57%
Fe 273.955	6482569.6	172.26	mg/L	0.808	172.26	mg/L	0.808	0.47%
Mg 279.077	12240780.5	436.87	mg/L	1.972	436.87	mg/L	1.972	0.45%
Mn 257.610	1514.0	0.0022	mg/L	0.00011	0.0022	mg/L	0.00011	5.00%
Saturated outside survey window (code 6)								
Ni 231.604	48.0	0.0246	mg/L	0.00062	0.0246	mg/L	0.00062	2.51%
Pb 220.353	-170.0	0.0028	mg/L	0.00109	0.0028	mg/L	0.00109	38.40%
Sb 206.836	-18.4	-0.0013	mg/L	0.00394	-0.0013	mg/L	0.00394	310.91%
Se 196.026	-20.9	0.0112	mg/L	0.00046	0.0112	mg/L	0.00046	4.13%
Tl 190.801	-17.7	0.0060	mg/L	0.00223	0.0060	mg/L	0.00223	37.10%
V 292.402	-586.4	-0.0022	mg/L	0.00000	-0.0022	mg/L	0.00000	0.20%
Zn 206.200	327.3	0.0065	mg/L	0.00004	0.0065	mg/L	0.00004	0.61%
Na 330.237	948.6	-0.1984	mg/L	0.12377	-0.1984	mg/L	0.12377	62.38%
Cd 226.502	523.9	0.0006	mg/L	0.00018	0.0006	mg/L	0.00018	29.17%
Ti 334.940	-5738.6	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	22.97%
Ca 227.546	143658.1	492.71	mg/L	1.464	492.71	mg/L	1.464	0.30%

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/3/2007 10:26:29 PM
Data Type: Reprocessed on 8/6/2007 8:17:58 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Ag 328.068	28229.1	0.1852	mg/L	0.00049	0.1852	mg/L	0.00049	0.27%
Al 308.215	16380417.3	440.54	mg/L	3.531	440.54	mg/L	3.531	0.80%
As 188.979	65.4	0.0867	mg/L	0.00416	0.0867	mg/L	0.00416	4.80%
Ba 233.527	50502.6	0.4677	mg/L	0.00369	0.4677	mg/L	0.00369	0.79%
Be 313.107	1130151.8	0.4276	mg/L	0.00148	0.4276	mg/L	0.00148	0.35%
Co 228.616	12049.2	0.4350	mg/L	0.00012	0.4350	mg/L	0.00012	0.03%
Cr 267.716	23484.5	0.4216	mg/L	0.00030	0.4216	mg/L	0.00030	0.07%
Cu 324.752	146539.6	0.4592	mg/L	0.00366	0.4592	mg/L	0.00366	0.80%
Fe 273.955	6266001.2	166.50	mg/L	1.107	166.50	mg/L	1.107	0.67%
Mg 279.077	11796507.6	421.02	mg/L	2.803	421.02	mg/L	2.803	0.67%
Mn 257.610	309354.4	0.4442	mg/L	0.00213	0.4442	mg/L	0.00213	0.48%
Ni 231.604	18441.1	0.8121	mg/L	0.00547	0.8121	mg/L	0.00547	0.67%
Pb 220.353	73.0	0.0449	mg/L	0.00041	0.0449	mg/L	0.00041	0.92%
Sb 206.836	685.0	0.5774	mg/L	0.00224	0.5774	mg/L	0.00224	0.39%
Se 196.026	1.8	0.0391	mg/L	0.00026	0.0391	mg/L	0.00026	0.67%
Tl 190.801	99.2	0.0877	mg/L	0.00022	0.0877	mg/L	0.00022	0.25%
V 292.402	49877.3	0.4367	mg/L	0.00062	0.4367	mg/L	0.00062	0.14%
Zn 206.200	22883.9	0.8237	mg/L	0.00118	0.8237	mg/L	0.00118	0.14%
Na 330.237	1719.6	0.3249	mg/L	0.06843	0.3249	mg/L	0.06843	21.06%
Cd 226.502	44345.7	0.8227	mg/L	0.00493	0.8227	mg/L	0.00493	0.60%
Ti 334.940	-5491.8	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	4.86%
Ca 227.546	139388.1	478.03	mg/L	3.478	478.03	mg/L	3.478	0.73%

Sequence No.: 8
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/3/2007 10:29:42 PM
Data Type: Reprocessed on 8/6/2007 8:17:58 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	180627.7	1.1917	mg/L	0.01642	1.1917	mg/L	0.01642	1.38%
Al 308.215	363953.1	9.7684	mg/L	0.08181	9.7684	mg/L	0.08181	0.84%
As 188.979	458.7	0.5082	mg/L	0.00590	0.5082	mg/L	0.00590	1.16%
Ba 233.527	1133399.2	10.512	mg/L	0.0259	10.512	mg/L	0.0259	0.25%
Be 313.107	669641.9	0.2534	mg/L	0.00085	0.2534	mg/L	0.00085	0.34%
Co 228.616	76147.3	2.5593	mg/L	0.02727	2.5593	mg/L	0.02727	1.07%
Cr 267.716	56151.8	1.0198	mg/L	0.01356	1.0198	mg/L	0.01356	1.33%
Cu 324.752	409144.6	1.2469	mg/L	0.00460	1.2469	mg/L	0.00460	0.37%
Fe 273.955	198344.5	5.3017	mg/L	0.04192	5.3017	mg/L	0.04192	0.79%
Mg 279.077	712923.1	25.479	mg/L	0.0308	25.479	mg/L	0.0308	0.12%
Mn 257.610	1791531.4	2.5726	mg/L	0.00400	2.5726	mg/L	0.00400	0.16%
Ni 231.604	59788.5	2.5632	mg/L	0.03633	2.5632	mg/L	0.03633	1.42%
Pb 220.353	2822.9	0.5032	mg/L	0.00368	0.5032	mg/L	0.00368	0.73%
Sb 206.836	594.6	0.4715	mg/L	0.00602	0.4715	mg/L	0.00602	1.28%
Se 196.026	385.8	0.4974	mg/L	0.00611	0.4974	mg/L	0.00611	1.23%
Tl 190.801	719.2	0.5070	mg/L	0.00297	0.5070	mg/L	0.00297	0.58%
V 292.402	294325.8	2.5583	mg/L	0.00753	2.5583	mg/L	0.00753	0.29%
Zn 206.200	71410.1	2.5848	mg/L	0.02274	2.5848	mg/L	0.02274	0.88%
Na 330.237	36154.6	23.599	mg/L	0.1567	23.599	mg/L	0.1567	0.66%
Cd 226.502	13287.6	0.2500	mg/L	0.00196	0.2500	mg/L	0.00196	0.78%
Ti 334.940	437.6	0.0006	mg/L	0.00004	0.0006	mg/L	0.00004	7.17%
Ca 227.546	7299.4	24.942	mg/L	0.0527	24.942	mg/L	0.0527	0.21%

Sequence No.: 9
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 10:32:54 PM
Data Type: Reprocessed on 8/6/2007 8:17:59 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	51.1	0.0003	mg/L	0.00033	0.0003	mg/L	0.00033	95.48%
Al 308.215	197.0	0.0053	mg/L	0.00344	0.0053	mg/L	0.00344	64.90%
As 188.979	0.4	0.0004	mg/L	0.00060	0.0004	mg/L	0.00060	137.16%
Ba 233.527	93.1	0.0009	mg/L	0.00021	0.0009	mg/L	0.00021	23.96%
Be 313.107	111.7	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	16.35%
Co 228.616	8.1	0.0003	mg/L	0.00003	0.0003	mg/L	0.00003	11.94%
Cr 267.716	0.9	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	171.22%
Cu 324.752	90.9	0.0003	mg/L	0.00000	0.0003	mg/L	0.00000	1.42%
Fe 273.955	169.9	0.0046	mg/L	0.00159	0.0046	mg/L	0.00159	34.42%
Mg 279.077	296.5	0.0106	mg/L	0.00341	0.0106	mg/L	0.00341	32.21%
Mn 257.610	159.3	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	27.32%
Ni 231.604	9.0	0.0004	mg/L	0.00001	0.0004	mg/L	0.00001	2.13%
Pb 220.353	2.5	0.0004	mg/L	0.00020	0.0004	mg/L	0.00020	44.26%
Sb 206.836	-1.9	-0.0016	mg/L	0.00192	-0.0016	mg/L	0.00192	117.30%
Se 196.026	-1.4	-0.0018	mg/L	0.00292	-0.0018	mg/L	0.00292	161.73%
Tl 190.801	-1.2	-0.0008	mg/L	0.00222	-0.0008	mg/L	0.00222	268.18%
V 292.402	35.6	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	33.85%
Zn 206.200	35.0	0.0013	mg/L	0.00023	0.0013	mg/L	0.00023	18.10%
Na 330.237	21.4	0.0139	mg/L	0.00307	0.0139	mg/L	0.00307	22.06%
Cd 226.502	0.4	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	154.81%
Ti 334.940	3.7	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	59.28%
Ca 227.546	14.1	0.0485	mg/L	0.00134	0.0485	mg/L	0.00134	2.76%

Sequence No.: 10
Autosampler Location: 98

Sample ID: MB-31386,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Date Collected: 8/3/2007 10:36:00 PM
Data Type: Reprocessed on 8/6/2007 8:17:59 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	62.7	0.0004	mg/L	0.00025	0.0004	mg/L	0.00025	57.51%
Al 308.215	814.4	0.0219	mg/L	0.00236	0.0219	mg/L	0.00236	10.80%
As 188.979	-0.3	-0.0003	mg/L	0.00217	-0.0003	mg/L	0.00217	813.26%
Ba 233.527	134.6	0.0012	mg/L	0.00002	0.0012	mg/L	0.00002	1.60%
Be 313.107	17.7	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	285.17%
Co 228.616	-6.2	-0.0002	mg/L	0.00009	-0.0002	mg/L	0.00009	47.91%
Cr 267.716	53.7	0.0010	mg/L	0.00004	0.0010	mg/L	0.00004	4.35%
Cu 324.752	8613.7	0.0262	mg/L	0.00073	0.0262	mg/L	0.00073	2.77%
Fe 273.955	1908.9	0.0505	mg/L	0.00063	0.0505	mg/L	0.00063	1.25%
Mg 279.077	515.2	0.0184	mg/L	0.00091	0.0184	mg/L	0.00091	4.93%
Mn 257.610	1928.8	0.0028	mg/L	0.00001	0.0028	mg/L	0.00001	0.27%
Ni 231.604	18.8	0.0008	mg/L	0.00007	0.0008	mg/L	0.00007	9.04%
Pb 220.353	17.2	0.0031	mg/L	0.00028	0.0031	mg/L	0.00028	9.27%
Sb 206.836	5.3	0.0044	mg/L	0.00071	0.0044	mg/L	0.00071	16.14%
Se 196.026	3.9	0.0051	mg/L	0.00094	0.0051	mg/L	0.00094	18.41%
Tl 190.801	-4.9	-0.0035	mg/L	0.00110	-0.0035	mg/L	0.00110	31.95%
V 292.402	-16.5	-0.0001	mg/L	0.00010	-0.0001	mg/L	0.00010	71.93%
Zn 206.200	713.3	0.0258	mg/L	0.00010	0.0258	mg/L	0.00010	0.39%
Na 330.237	545.0	0.3563	mg/L	0.00631	0.3563	mg/L	0.00631	1.77%
Cd 226.502	-5.0	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	51.39%
Ti 334.940	443.8	0.0005	mg/L	0.00004	0.0005	mg/L	0.00004	9.61%
Ca 227.546	73.9	0.2540	mg/L	0.01271	0.2540	mg/L	0.01271	5.01%

Sequence No.: 11
Sample ID: LCS-31386,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 99
Date Collected: 8/3/2007 10:39:08 PM
Data Type: Reprocessed on 8/6/2007 8:18:00 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	228141.5	1.5019	mg/L	0.01873	1.5019	mg/L	0.01873	1.25%
Al 308.215	2553398.0	68.665	mg/L	0.0350	68.665	mg/L	0.0350	0.05%
As 188.979	1721.8	1.8714	mg/L	0.01739	1.8714	mg/L	0.01739	0.93%
Ba 233.527	727328.3	6.7446	mg/L	0.00771	6.7446	mg/L	0.00771	0.11%
Be 313.107	1728575.5	0.6593	mg/L	0.00000	0.6593	mg/L	0.00000	0.00%
Co 228.616	34677.7	1.1580	mg/L	0.01469	1.1580	mg/L	0.01469	1.27%
Cr 267.716	68906.7	1.2504	mg/L	0.01551	1.2504	mg/L	0.01551	1.24%
Cu 324.752	310354.6	0.9452	mg/L	0.01320	0.9452	mg/L	0.01320	1.40%
Fe 273.955	4631388.3	120.22	mg/L	0.085	120.22	mg/L	0.085	0.07%
Mg 279.077	648890.6	23.148	mg/L	0.2965	23.148	mg/L	0.2965	1.28%
Mn 257.610	2250876.7	3.2322	mg/L	0.00881	3.2322	mg/L	0.00881	0.27%
Ni 231.604	49396.1	2.1174	mg/L	0.02520	2.1174	mg/L	0.02520	1.19%
Pb 220.353	5726.4	1.0236	mg/L	0.00603	1.0236	mg/L	0.00603	0.59%
Sb 206.836	758.2	0.6080	mg/L	0.00813	0.6080	mg/L	0.00813	1.34%
Se 196.026	714.7	0.9636	mg/L	0.00863	0.9636	mg/L	0.00863	0.90%
Tl 190.801	1856.4	1.3318	mg/L	0.00939	1.3318	mg/L	0.00939	0.71%
V 292.402	160082.5	1.3944	mg/L	0.01573	1.3944	mg/L	0.01573	1.13%
Zn 206.200	40977.4	1.4856	mg/L	0.01536	1.4856	mg/L	0.01536	1.03%
Na 330.237	11417.1	8.1574	mg/L	0.08666	8.1574	mg/L	0.08666	1.06%
Cd 226.502	41958.0	0.7809	mg/L	0.00642	0.7809	mg/L	0.00642	0.82%
Ti 334.940	2878401.3	2.9099	mg/L	0.00627	2.9099	mg/L	0.00627	0.22%
Ca 227.546	11043.3	35.479	mg/L	0.3401	35.479	mg/L	0.3401	0.96%

Sequence No.: 12
Sample ID: F0936-01B,31386

Autosampler Location: 100
Date Collected: 8/3/2007 10:42:24 PM

Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Data Type: Reprocessed on 8/6/2007 8:18:00 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-01B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	937.7	-0.0238	mg/L	0.00023	-0.0238	mg/L	0.00023	0.95%
Al 308.215	1546421.3	41.590	mg/L	0.4350	41.590	mg/L	0.4350	1.05%
As 188.979	36.8	0.0415	mg/L	0.00577	0.0415	mg/L	0.00577	13.92%
Ba 233.527	233337.4	2.1626	mg/L	0.00148	2.1626	mg/L	0.00148	0.07%
Be 313.107	7661.0	0.0040	mg/L	0.00004	0.0040	mg/L	0.00004	1.07%
Co 228.616	1432.9	0.0486	mg/L	0.00045	0.0486	mg/L	0.00045	0.92%
Cr 267.716	7233.1	0.1294	mg/L	0.00038	0.1294	mg/L	0.00038	0.29%
Cu 324.752	531382.2	1.6184	mg/L	0.01632	1.6184	mg/L	0.01632	1.01%
Fe 273.955	5505678.9	142.71	mg/L	1.168	142.71	mg/L	1.168	0.82%
Mg 279.077	475938.4	16.965	mg/L	0.1248	16.965	mg/L	0.1248	0.74%
Mn 257.610	2428925.7	3.4878	mg/L	0.02936	3.4878	mg/L	0.02936	0.84%
Ni 231.604	3118.9	0.1353	mg/L	0.00133	0.1353	mg/L	0.00133	0.98%
Pb 220.353	26347.2	4.6924	mg/L	0.00614	4.6924	mg/L	0.00614	0.13%
Sb 206.836	-1.9	0.0026	mg/L	0.00202	0.0026	mg/L	0.00202	78.09%
Se 196.026	-4.2	0.0424	mg/L	0.00187	0.0424	mg/L	0.00187	4.41%
Tl 190.801	-9.9	0.0332	mg/L	0.00388	0.0332	mg/L	0.00388	11.69%
V 292.402	12717.6	0.1131	mg/L	0.00056	0.1131	mg/L	0.00056	0.49%
Zn 206.200	75447.4	2.7254	mg/L	0.00008	2.7254	mg/L	0.00008	0.00%
Na 330.237	4908.4	3.4058	mg/L	0.08123	3.4058	mg/L	0.08123	2.39%
Cd 226.502	902.1	0.0091	mg/L	0.00006	0.0091	mg/L	0.00006	0.63%
Ti 334.940	586506.8	0.5934	mg/L	0.00647	0.5934	mg/L	0.00647	1.09%
Ca 227.546	13669.8	44.186	mg/L	0.0885	44.186	mg/L	0.0885	0.20%

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Sequence No.: 13
Sample ID: F0936-02B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 101
Date Collected: 8/3/2007 10:45:39 PM
Data Type: Reprocessed on 8/6/2007 8:18:00 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-02B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	1520.9	0.0117	mg/L	0.00003	0.0117	mg/L	0.00003	0.30%
Al 308.215	1439362.3	38.710	mg/L	0.0715	38.710	mg/L	0.0715	0.18%
As 188.979	45.3	0.0536	mg/L	0.00130	0.0536	mg/L	0.00130	2.42%
Ba 233.527	95159.3	0.8822	mg/L	0.00131	0.8822	mg/L	0.00131	0.15%
Be 313.107	13717.6	0.0066	mg/L	0.00003	0.0066	mg/L	0.00003	0.42%
Co 228.616	1202.5	0.0475	mg/L	0.00026	0.0475	mg/L	0.00026	0.55%
Cr 267.716	8140.6	0.1465	mg/L	0.00105	0.1465	mg/L	0.00105	0.72%
Cu 324.752	1008794.8	3.0765	mg/L	0.01326	3.0765	mg/L	0.01326	0.43%
Fe 273.955	1582834.2	41.699	mg/L	0.1057	41.699	mg/L	0.1057	0.25%
Mg 279.077	90579.3	3.2318	mg/L	0.00136	3.2318	mg/L	0.00136	0.04%
Mn 257.610	1004901.1	1.4430	mg/L	0.00312	1.4430	mg/L	0.00312	0.22%
Ni 231.604	18224.4	0.7850	mg/L	0.00264	0.7850	mg/L	0.00264	0.34%
Pb 220.353	25939.9	4.6206	mg/L	0.01932	4.6206	mg/L	0.01932	0.42%
Sb 206.836	43.8	0.0385	mg/L	0.00046	0.0385	mg/L	0.00046	1.20%
Se 196.026	17.0	0.0271	mg/L	0.00072	0.0271	mg/L	0.00072	2.66%
Tl 190.801	-2.5	0.0082	mg/L	0.00048	0.0082	mg/L	0.00048	5.86%
V 292.402	14298.0	0.1248	mg/L	0.00084	0.1248	mg/L	0.00084	0.67%
Zn 206.200	172796.2	6.2412	mg/L	0.00663	6.2412	mg/L	0.00663	0.11%
Na 330.237	9881.1	6.3819	mg/L	0.06513	6.3819	mg/L	0.06513	1.02%
Cd 226.502	871.8	0.0145	mg/L	0.00003	0.0145	mg/L	0.00003	0.22%
Ti 334.940	763711.3	0.7737	mg/L	0.00223	0.7737	mg/L	0.00223	0.29%
Ca 227.546	42883.4	147.24	mg/L	0.045	147.24	mg/L	0.045	0.03%

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Sequence No.: 14
Sample ID: F0936-05B,31386
Analyst:

Autosampler Location: 102
Date Collected: 8/3/2007 10:48:55 PM
Data Type: Reprocessed on 8/6/2007 8:18:01 AM

Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0936-05B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-58.0	-0.0807	mg/L	0.00022	-0.0807	mg/L	0.00022	0.28%
Al 308.215	1248198.3	33.569	mg/L	0.0560	33.569	mg/L	0.0560	0.17%
As 188.979	47.5	0.0487	mg/L	0.00078	0.0487	mg/L	0.00078	1.61%
Ba 233.527	79898.7	0.7384	mg/L	0.00253	0.7384	mg/L	0.00253	0.34%
Be 313.107	16273.1	0.0067	mg/L	0.00005	0.0067	mg/L	0.00005	0.77%
Co 228.616	3654.7	0.1210	mg/L	0.00013	0.1210	mg/L	0.00013	0.11%
Cr 267.716	3043.0	0.0498	mg/L	0.00011	0.0498	mg/L	0.00011	0.22%
Cu 324.752	96086.6	0.2897	mg/L	0.00294	0.2897	mg/L	0.00294	1.01%
Fe 273.955	13727440.6	355.06	mg/L	1.091	355.06	mg/L	1.091	0.31%
Mg 279.077	262775.0	9.3397	mg/L	0.01034	9.3397	mg/L	0.01034	0.11%
Mn 257.610	7177220.5	10.306	mg/L	0.0254	10.306	mg/L	0.0254	0.25%
Ni 231.604	8695.5	0.3738	mg/L	0.00066	0.3738	mg/L	0.00066	0.18%
Pb 220.353	760.3	0.1354	mg/L	0.00025	0.1354	mg/L	0.00025	0.18%
Sb 206.836	-24.8	-0.0037	mg/L	0.00042	-0.0037	mg/L	0.00042	11.34%
Se 196.026	-49.6	0.0575	mg/L	0.00350	0.0575	mg/L	0.00350	6.08%
Tl 190.801	-20.0	0.0932	mg/L	0.00137	0.0932	mg/L	0.00137	1.47%
V 292.402	10415.7	0.0973	mg/L	0.00007	0.0973	mg/L	0.00007	0.07%
Zn 206.200	35020.9	1.2655	mg/L	0.00040	1.2655	mg/L	0.00040	0.03%
Na 330.237	1745.7	1.5628	mg/L	0.02454	1.5628	mg/L	0.02454	1.57%
Cd 226.502	1472.3	0.0083	mg/L	0.00044	0.0083	mg/L	0.00044	5.35%
Ti 334.940	298280.6	0.3018	mg/L	0.00033	0.3018	mg/L	0.00033	0.11%
Ca 227.546	6100.2	13.524	mg/L	0.1167	13.524	mg/L	0.1167	0.86%

Sequence No.: 15
Sample ID: F0936-06B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:
Autosampler Location: 103
Date Collected: 8/3/2007 10:52:10 PM
Data Type: Reprocessed on 8/6/2007 8:18:01 AM
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-06B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	3616.2	0.0127	mg/L	0.00012	0.0127	mg/L	0.00012	0.94%
Al 308.215	5840156.9	157.07	mg/L	0.760	157.07	mg/L	0.760	0.48%
As 188.979	274.7	0.3066	mg/L	0.00303	0.3066	mg/L	0.00303	0.99%
Ba 233.527	1524087.9	14.130	mg/L	0.0595	14.130	mg/L	0.0595	0.42%
Be 313.107	8031.5	0.0095	mg/L	0.00000	0.0095	mg/L	0.00000	0.00%
Co 228.616	1575.8	0.0604	mg/L	0.00011	0.0604	mg/L	0.00011	0.18%
Cr 267.716	16563.4	0.2980	mg/L	0.00261	0.2980	mg/L	0.00261	0.88%
Cu 324.752	2093484.1	6.3834	mg/L	0.01911	6.3834	mg/L	0.01911	0.30%
Fe 273.955	5351415.6	140.28	mg/L	0.696	140.28	mg/L	0.696	0.50%
Mg 279.077	796031.7	28.379	mg/L	0.1435	28.379	mg/L	0.1435	0.51%
Mn 257.610	1541749.5	2.2139	mg/L	0.01076	2.2139	mg/L	0.01076	0.49%
Ni 231.604	4951.0	0.2200	mg/L	0.00198	0.2200	mg/L	0.00198	0.90%
Pb 220.353	44175.8	7.8742	mg/L	0.02109	7.8742	mg/L	0.02109	0.27%
Sb 206.836	837.3	0.7119	mg/L	0.01267	0.7119	mg/L	0.01267	1.78%
Se 196.026	-2.8	0.0313	mg/L	0.00511	0.0313	mg/L	0.00511	16.31%
Tl 190.801	-12.4	0.0193	mg/L	0.00067	0.0193	mg/L	0.00067	3.49%
V 292.402	26386.8	0.2311	mg/L	0.00079	0.2311	mg/L	0.00079	0.34%
Zn 206.200	515992.3	18.636	mg/L	0.0812	18.636	mg/L	0.0812	0.44%
Na 330.237	153481.5	100.81	mg/L	0.108	100.81	mg/L	0.108	0.11%
Cd 226.502	794.7	0.0074	mg/L	0.00005	0.0074	mg/L	0.00005	0.74%
Ti 334.940	3511948.8	3.5534	mg/L	0.01212	3.5534	mg/L	0.01212	0.34%
Ca 227.546	83387.9	285.11	mg/L	1.322	285.11	mg/L	1.322	0.46%

Sequence No.: 16
Sample ID: F0936-10B,31386
Analyst:
Logged In Analyst (Original) : optima3
Autosampler Location: 104
Date Collected: 8/3/2007 10:55:26 PM
Data Type: Reprocessed on 8/6/2007 8:18:02 AM

Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0936-10B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	965.4	-0.0436	mg/L	0.00039	-0.0436	mg/L	0.00039	0.89%
Al 308.215	1869157.9	50.269	mg/L	0.3067	50.269	mg/L	0.3067	0.61%
As 188.979	93.8	0.1051	mg/L	0.00208	0.1051	mg/L	0.00208	1.97%
Ba 233.527	1158413.9	10.739	mg/L	0.0463	10.739	mg/L	0.0463	0.43%
Be 313.107	8620.5	0.0054	mg/L	0.00001	0.0054	mg/L	0.00001	0.13%
Co 228.616	2290.4	0.0806	mg/L	0.00017	0.0806	mg/L	0.00017	0.21%
Cr 267.716	12920.9	0.2346	mg/L	0.00057	0.2346	mg/L	0.00057	0.24%
Cu 324.752	572494.4	1.7451	mg/L	0.01057	1.7451	mg/L	0.01057	0.61%
Fe 273.955	9612007.8	249.23	mg/L	1.315	249.23	mg/L	1.315	0.53%
Mg 279.077	388168.4	13.776	mg/L	0.2001	13.776	mg/L	0.2001	1.45%
Mn 257.610	1963988.9	2.8202	mg/L	0.01719	2.8202	mg/L	0.01719	0.61%
Ni 231.604	5721.9	0.2487	mg/L	0.00009	0.2487	mg/L	0.00009	0.04%
Pb 220.353	78707.1	14.016	mg/L	0.1706	14.016	mg/L	0.1706	1.22%
Sb 206.836	1.2	0.0098	mg/L	0.00068	0.0098	mg/L	0.00068	6.89%
Se 196.026	-19.3	0.0565	mg/L	0.00119	0.0565	mg/L	0.00119	2.11%
Tl 190.801	-27.6	0.0483	mg/L	0.00014	0.0483	mg/L	0.00014	0.29%
V 292.402	24584.7	0.2180	mg/L	0.00239	0.2180	mg/L	0.00239	1.10%
Zn 206.200	571414.9	20.640	mg/L	0.0748	20.640	mg/L	0.0748	0.36%
Na 330.237	27282.7	18.121	mg/L	0.2885	18.121	mg/L	0.2885	1.59%
Cd 226.502	1584.1	0.0161	mg/L	0.00003	0.0161	mg/L	0.00003	0.17%
Ti 334.940	1153874.3	1.1679	mg/L	0.00605	1.1679	mg/L	0.00605	0.52%
Ca 227.546	38359.2	127.21	mg/L	0.289	127.21	mg/L	0.289	0.23%

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Sequence No.: 17 Autosampler Location: 105
Sample ID: F0936-13B,31386 Date Collected: 8/3/2007 10:58:42 PM
Analyst: Data Type: Reprocessed on 8/6/2007 8:18:02 AM
Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0936-13B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	58.4	-0.0879	mg/L	0.00033	-0.0879	mg/L	0.00033	0.37%
Al 308.215	4312615.3	115.98	mg/L	0.228	115.98	mg/L	0.228	0.20%
As 188.979	35.7	0.0417	mg/L	0.00036	0.0417	mg/L	0.00036	0.87%
Ba 233.527	267066.5	2.4753	mg/L	0.00426	2.4753	mg/L	0.00426	0.17%
Be 313.107	8789.1	0.0072	mg/L	0.00001	0.0072	mg/L	0.00001	0.17%
Co 228.616	4138.0	0.1351	mg/L	0.00011	0.1351	mg/L	0.00011	0.08%
Cr 267.716	14907.6	0.2683	mg/L	0.00015	0.2683	mg/L	0.00015	0.05%
Cu 324.752	5709831.7	17.389	mg/L	0.0010	17.389	mg/L	0.0010	0.01%
Fe 273.955	13361041.5	346.24	mg/L	0.357	346.24	mg/L	0.357	0.10%
Mg 279.077	1385813.5	49.386	mg/L	0.1822	49.386	mg/L	0.1822	0.37%
Mn 257.610	4369489.5	6.2744	mg/L	0.00849	6.2744	mg/L	0.00849	0.14%
Ni 231.604	32792.2	1.4069	mg/L	0.00303	1.4069	mg/L	0.00303	0.22%
Pb 220.353	29674.4	5.2833	mg/L	0.02086	5.2833	mg/L	0.02086	0.39%
Sb 206.836	174.3	0.1591	mg/L	0.00241	0.1591	mg/L	0.00241	1.52%
Se 196.026	-45.9	0.0681	mg/L	0.00106	0.0681	mg/L	0.00106	1.56%
Tl 190.801	-23.4	0.0759	mg/L	0.00015	0.0759	mg/L	0.00015	0.20%
V 292.402	141193.2	1.2309	mg/L	0.00105	1.2309	mg/L	0.00105	0.09%
Zn 206.200	163074.1	5.8891	mg/L	0.02329	5.8891	mg/L	0.02329	0.40%
Na 330.237	9025.5	6.6127	mg/L	0.04532	6.6127	mg/L	0.04532	0.69%
Cd 226.502	1904.4	0.0174	mg/L	0.00005	0.0174	mg/L	0.00005	0.27%
Ti 334.940	2103991.4	2.1276	mg/L	0.00330	2.1276	mg/L	0.00330	0.15%
Ca 227.546	20544.5	63.444	mg/L	0.0103	63.444	mg/L	0.0103	0.02%

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Sequence No.: 18 Autosampler Location: 106
Sample ID: F0936-14B,31386 Date Collected: 8/3/2007 11:02:15 PM
Analyst: Data Type: Reprocessed on 8/6/2007 8:18:03 AM
Logged In Analyst (Original) : optima3
Initial Sample Wt: Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: F0936-14B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	-38.2	-0.0648	mg/L	0.00019	-0.0648	mg/L	0.00019	0.29%
Al 308.215	3593627.3	96.648	mg/L	0.3496	96.648	mg/L	0.3496	0.36%
As 188.979	37.5	0.0419	mg/L	0.00322	0.0419	mg/L	0.00322	7.67%
Ba 233.527	115463.1	1.0688	mg/L	0.00283	1.0688	mg/L	0.00283	0.27%
Be 313.107	8746.5	0.0050	mg/L	0.00008	0.0050	mg/L	0.00008	1.53%
Co 228.616	3290.4	0.1078	mg/L	0.00034	0.1078	mg/L	0.00034	0.32%
Cr 267.716	10353.1	0.1843	mg/L	0.00030	0.1843	mg/L	0.00030	0.16%
Cu 324.752	133497.7	0.4046	mg/L	0.00154	0.4046	mg/L	0.00154	0.38%
Fe 273.955	10793296.7	279.60	mg/L	0.823	279.60	mg/L	0.823	0.29%
Mg 279.077	1356964.5	48.386	mg/L	0.2786	48.386	mg/L	0.2786	0.58%
Mn 257.610	4427435.2	6.3576	mg/L	0.03096	6.3576	mg/L	0.03096	0.49%
Ni 231.604	5895.9	0.2549	mg/L	0.00097	0.2549	mg/L	0.00097	0.38%
Pb 220.353	3059.4	0.5494	mg/L	0.00242	0.5494	mg/L	0.00242	0.44%
Sb 206.836	-24.9	-0.0127	mg/L	0.00349	-0.0127	mg/L	0.00349	27.44%
Se 196.026	-36.3	0.0517	mg/L	0.00289	0.0517	mg/L	0.00289	5.58%
Tl 190.801	-24.4	0.0600	mg/L	0.00170	0.0600	mg/L	0.00170	2.83%
V 292.402	19443.9	0.1743	mg/L	0.00242	0.1743	mg/L	0.00242	1.39%
Zn 206.200	25719.8	0.9291	mg/L	0.01126	0.9291	mg/L	0.01126	1.21%
Na 330.237	2551.4	2.1286	mg/L	0.06293	2.1286	mg/L	0.06293	2.96%
Cd 226.502	947.5	0.0025	mg/L	0.00002	0.0025	mg/L	0.00002	0.80%
Ti 334.940	894954.4	0.9049	mg/L	0.00592	0.9049	mg/L	0.00592	0.65%
Ca 227.546	7355.9	19.464	mg/L	0.0048	19.464	mg/L	0.0048	0.02%

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Sequence No.: 19
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/3/2007 11:05:32 PM
Data Type: Reprocessed on 8/6/2007 8:18:03 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	183419.3	1.2103	mg/L	0.00838	1.2103	mg/L	0.00838	0.69%
Al 308.215	367415.3	9.8614	mg/L	0.04593	9.8614	mg/L	0.04593	0.47%
As 188.979	456.3	0.5059	mg/L	0.00498	0.5059	mg/L	0.00498	0.98%
Ba 233.527	1141964.1	10.591	mg/L	0.0012	10.591	mg/L	0.0012	0.01%
Be 313.107	672810.1	0.2546	mg/L	0.00140	0.2546	mg/L	0.00140	0.55%
Co 228.616	76987.8	2.5875	mg/L	0.00975	2.5875	mg/L	0.00975	0.38%
Cr 267.716	56855.4	1.0326	mg/L	0.00882	1.0326	mg/L	0.00882	0.85%
Cu 324.752	412968.8	1.2586	mg/L	0.00311	1.2586	mg/L	0.00311	0.25%
Fe 273.955	201834.6	5.3927	mg/L	0.03824	5.3927	mg/L	0.03824	0.71%
Mg 279.077	714160.4	25.523	mg/L	0.0003	25.523	mg/L	0.0003	0.00%
Mn 257.610	1798221.1	2.5822	mg/L	0.00735	2.5822	mg/L	0.00735	0.28%
Ni 231.604	60490.1	2.5933	mg/L	0.01401	2.5933	mg/L	0.01401	0.54%
Pb 220.353	2850.0	0.5080	mg/L	0.00067	0.5080	mg/L	0.00067	0.13%
Sb 206.836	588.7	0.4661	mg/L	0.00233	0.4661	mg/L	0.00233	0.50%
Se 196.026	390.6	0.5035	mg/L	0.00911	0.5035	mg/L	0.00911	1.81%
Tl 190.801	719.0	0.5068	mg/L	0.00028	0.5068	mg/L	0.00028	0.06%
V 292.402	296786.5	2.5797	mg/L	0.02511	2.5797	mg/L	0.02511	0.97%
Zn 206.200	72396.0	2.6205	mg/L	0.01328	2.6205	mg/L	0.01328	0.51%
Na 330.237	36628.2	23.909	mg/L	0.1537	23.909	mg/L	0.1537	0.64%
Cd 226.502	13527.3	0.2545	mg/L	0.00118	0.2545	mg/L	0.00118	0.46%
Ti 334.940	775.7	0.0010	mg/L	0.00008	0.0010	mg/L	0.00008	7.92%
Ca 227.546	7323.6	25.022	mg/L	0.0683	25.022	mg/L	0.0683	0.27%

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Sequence No.: 20
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 11:08:44 PM
Data Type: Reprocessed on 8/6/2007 8:18:04 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	4.2	0.0000	mg/L	0.00017	0.0000	mg/L	0.00017	586.32%
Al 308.215	151.1	0.0041	mg/L	0.00125	0.0041	mg/L	0.00125	30.68%
As 188.979	-1.0	-0.0011	mg/L	0.00203	-0.0011	mg/L	0.00203	188.47%
Ba 233.527	144.6	0.0013	mg/L	0.00020	0.0013	mg/L	0.00020	14.67%
Be 313.107	87.2	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	41.41%
Co 228.616	6.9	0.0002	mg/L	0.00013	0.0002	mg/L	0.00013	56.18%
Cr 267.716	13.1	0.0002	mg/L	0.00010	0.0002	mg/L	0.00010	42.46%
Cu 324.752	283.5	0.0009	mg/L	0.00002	0.0009	mg/L	0.00002	2.04%
Fe 273.955	732.3	0.0191	mg/L	0.00289	0.0191	mg/L	0.00289	15.12%
Mg 279.077	135.5	0.0048	mg/L	0.00049	0.0048	mg/L	0.00049	10.14%
Mn 257.610	412.9	0.0006	mg/L	0.00010	0.0006	mg/L	0.00010	17.27%
Ni 231.604	9.0	0.0004	mg/L	0.00012	0.0004	mg/L	0.00012	30.74%
Pb 220.353	11.6	0.0021	mg/L	0.00033	0.0021	mg/L	0.00033	16.22%
Sb 206.836	0.9	0.0008	mg/L	0.00118	0.0008	mg/L	0.00118	152.55%
Se 196.026	0.2	0.0002	mg/L	0.00320	0.0002	mg/L	0.00320	>999.9%
Tl 190.801	-3.7	-0.0026	mg/L	0.00371	-0.0026	mg/L	0.00371	143.14%
V 292.402	-11.0	-0.0001	mg/L	0.00025	-0.0001	mg/L	0.00025	266.59%
Zn 206.200	116.5	0.0042	mg/L	0.00039	0.0042	mg/L	0.00039	9.20%
Na 330.237	109.7	0.0718	mg/L	0.10504	0.0718	mg/L	0.10504	146.39%
Cd 226.502	1.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	25.05%
Ti 334.940	25.5	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	32.60%
Ca 227.546	12.9	0.0442	mg/L	0.01707	0.0442	mg/L	0.01707	38.64%

Sequence No.: 21
Sample ID: F0936-14BDUP,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 107
Date Collected: 8/3/2007 11:11:50 PM
Data Type: Reprocessed on 8/6/2007 8:18:04 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BDUP,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	140.2	-0.0538	mg/L	0.00012	-0.0538	mg/L	0.00012	0.23%
Al 308.215	3692817.2	99.316	mg/L	0.8296	99.316	mg/L	0.8296	0.84%
As 188.979	50.2	0.0555	mg/L	0.00076	0.0555	mg/L	0.00076	1.38%
Ba 233.527	166029.3	1.5378	mg/L	0.01252	1.5378	mg/L	0.01252	0.81%
Be 313.107	8548.4	0.0052	mg/L	0.00004	0.0052	mg/L	0.00004	0.86%
Co 228.616	3929.3	0.1297	mg/L	0.00026	0.1297	mg/L	0.00026	0.20%
Cr 267.716	8840.9	0.1542	mg/L	0.00102	0.1542	mg/L	0.00102	0.66%
Cu 324.752	3616435.4	11.013	mg/L	0.0105	11.013	mg/L	0.0105	0.10%
Fe 273.955	9684088.2	250.99	mg/L	0.531	250.99	mg/L	0.531	0.21%
Mg 279.077	1286952.4	45.928	mg/L	0.3379	45.928	mg/L	0.3379	0.74%
Mn 257.610	6069886.7	8.7161	mg/L	0.03082	8.7161	mg/L	0.03082	0.35%
Ni 231.604	6048.4	0.2607	mg/L	0.00130	0.2607	mg/L	0.00130	0.50%
Pb 220.353	5361.8	0.9551	mg/L	0.00381	0.9551	mg/L	0.00381	0.40%
Sb 206.836	-19.9	-0.0088	mg/L	0.00223	-0.0088	mg/L	0.00223	25.16%
Se 196.026	-29.4	0.0515	mg/L	0.00160	0.0515	mg/L	0.00160	3.10%
Tl 190.801	-18.9	0.0581	mg/L	0.00248	0.0581	mg/L	0.00248	4.26%
V 292.402	20836.7	0.1848	mg/L	0.00174	0.1848	mg/L	0.00174	0.94%
Zn 206.200	43074.4	1.5551	mg/L	0.02168	1.5551	mg/L	0.02168	1.39%
Na 330.237	3215.4	2.5454	mg/L	0.04406	2.5454	mg/L	0.04406	1.73%
Cd 226.502	1071.0	0.0064	mg/L	0.00003	0.0064	mg/L	0.00003	0.42%
Ti 334.940	1066243.0	1.0782	mg/L	0.01190	1.0782	mg/L	0.01190	1.10%
Ca 227.546	10785.4	31.869	mg/L	0.0891	31.869	mg/L	0.0891	0.28%

Sequence No.: 22
Sample ID: F0936-14BMS,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 19
Date Collected: 8/3/2007 11:15:08 PM
Data Type: Reprocessed on 8/6/2007 8:18:05 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BMS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	14404.7	0.0284	mg/L	0.00057	0.0284	mg/L	0.00057	2.01%
Al 308.215	3858853.7	103.77	mg/L	0.496	103.77	mg/L	0.496	0.48%
As 188.979	106.1	0.1216	mg/L	0.00059	0.1216	mg/L	0.00059	0.49%
Ba 233.527	596156.2	5.5272	mg/L	0.02173	5.5272	mg/L	0.02173	0.39%
Be 313.107	269813.4	0.1042	mg/L	0.00067	0.1042	mg/L	0.00067	0.64%
Co 228.616	33550.4	1.1236	mg/L	0.00581	1.1236	mg/L	0.00581	0.52%
Cr 267.716	30774.3	0.5562	mg/L	0.00746	0.5562	mg/L	0.00746	1.34%
Cu 324.752	324312.0	0.9861	mg/L	0.00259	0.9861	mg/L	0.00259	0.26%
Fe 273.955	9377493.7	243.03	mg/L	1.124	243.03	mg/L	1.124	0.46%
Mg 279.077	1243034.2	44.329	mg/L	0.1794	44.329	mg/L	0.1794	0.40%
Mn 257.610	3932321.0	5.6467	mg/L	0.03109	5.6467	mg/L	0.03109	0.55%
Ni 231.604	29095.3	1.2491	mg/L	0.01497	1.2491	mg/L	0.01497	1.20%
Pb 220.353	4134.8	0.7415	mg/L	0.00031	0.7415	mg/L	0.00031	0.04%
Sb 206.836	92.6	0.0735	mg/L	0.00298	0.0735	mg/L	0.00298	4.05%
Se 196.026	37.2	0.1347	mg/L	0.00147	0.1347	mg/L	0.00147	1.09%
Tl 190.801	125.5	0.1530	mg/L	0.00076	0.1530	mg/L	0.00076	0.50%
V 292.402	134841.3	1.1764	mg/L	0.01420	1.1764	mg/L	0.01420	1.21%
Zn 206.200	59583.7	2.1539	mg/L	0.00760	2.1539	mg/L	0.00760	0.35%
Na 330.237	3996.8	3.0842	mg/L	0.00896	3.0842	mg/L	0.00896	0.29%
Cd 226.502	6190.6	0.1033	mg/L	0.00037	0.1033	mg/L	0.00037	0.36%
Ti 334.940	1132859.3	1.1454	mg/L	0.00614	1.1454	mg/L	0.00614	0.54%
Ca 227.546	6716.7	17.966	mg/L	0.0356	17.966	mg/L	0.0356	0.20%

Sequence No.: 23
Sample ID: F0936-14BSD,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 108
Date Collected: 8/3/2007 11:18:22 PM
Data Type: Reprocessed on 8/6/2007 8:18:05 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BSD,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-8.6	-0.0148	mg/L	0.00060	-0.0148	mg/L	0.00060	4.06%
Al 308.215	742590.1	19.971	mg/L	0.0227	19.971	mg/L	0.0227	0.11%
As 188.979	7.0	0.0078	mg/L	0.00024	0.0078	mg/L	0.00024	3.05%
Ba 233.527	24714.5	0.2287	mg/L	0.00281	0.2287	mg/L	0.00281	1.23%
Be 313.107	1914.6	0.0011	mg/L	0.00002	0.0011	mg/L	0.00002	1.67%
Co 228.616	721.0	0.0236	mg/L	0.00028	0.0236	mg/L	0.00028	1.19%
Cr 267.716	2202.8	0.0392	mg/L	0.00020	0.0392	mg/L	0.00020	0.50%
Cu 324.752	26793.3	0.0811	mg/L	0.00104	0.0811	mg/L	0.00104	1.28%
Fe 273.955	2458162.2	63.665	mg/L	0.0352	63.665	mg/L	0.0352	0.06%
Mg 279.077	295410.2	10.532	mg/L	0.0998	10.532	mg/L	0.0998	0.95%
Mn 257.610	968727.3	1.3910	mg/L	0.00101	1.3910	mg/L	0.00101	0.07%
Ni 231.604	1304.2	0.0564	mg/L	0.00002	0.0564	mg/L	0.00002	0.04%
Pb 220.353	679.1	0.1219	mg/L	0.00023	0.1219	mg/L	0.00023	0.19%
Sb 206.836	-9.2	-0.0057	mg/L	0.00088	-0.0057	mg/L	0.00088	15.29%
Se 196.026	-7.2	0.0132	mg/L	0.00572	0.0132	mg/L	0.00572	43.38%
Tl 190.801	-8.9	0.0114	mg/L	0.00153	0.0114	mg/L	0.00153	13.39%
V 292.402	3987.0	0.0359	mg/L	0.00068	0.0359	mg/L	0.00068	1.91%
Zn 206.200	5664.7	0.2046	mg/L	0.00028	0.2046	mg/L	0.00028	0.14%
Na 330.237	573.2	0.4762	mg/L	0.02124	0.4762	mg/L	0.02124	4.46%
Cd 226.502	202.3	0.0003	mg/L	0.00003	0.0003	mg/L	0.00003	10.37%
Ti 334.940	184294.4	0.1864	mg/L	0.00118	0.1864	mg/L	0.00118	0.63%
Ca 227.546	1539.4	3.9634	mg/L	0.01953	3.9634	mg/L	0.01953	0.49%

Sequence No.: 24
Sample ID: F0936-14BPDS,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 8/3/2007 11:21:34 PM
Data Type: Reprocessed on 8/6/2007 8:18:06 AM

Initial Sample Vol:
Sample Prep Vol:

TS 8/6/07

Mean Data: F0936-14BDS,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	3209.6	-0.0421	mg/L	0.00041	-0.0421	mg/L	0.00041	0.96%
Al 308.215	3529251.3	94.916	mg/L	0.1719	94.916	mg/L	0.1719	0.18%
As 188.979	53.7	0.0597	mg/L	0.00304	0.0597	mg/L	0.00304	5.10%
Ba 233.527	161377.4	1.4947	mg/L	0.00041	1.4947	mg/L	0.00041	0.03%
Be 313.107	35905.9	0.0152	mg/L	0.00005	0.0152	mg/L	0.00005	0.32%
Co 228.616	6478.8	0.2156	mg/L	0.00099	0.2156	mg/L	0.00099	0.46%
Cr 267.716	11430.0	0.2040	mg/L	0.00195	0.2040	mg/L	0.00195	0.96%
Cu 324.752	144868.2	0.4396	mg/L	0.00116	0.4396	mg/L	0.00116	0.27%
Fe 273.955	10591887.7	274.43	mg/L	1.809	274.43	mg/L	1.809	0.66%
Mg 279.077	1606027.5	57.278	mg/L	0.0514	57.278	mg/L	0.0514	0.09%
Mn 257.610	4359434.1	6.2599	mg/L	0.03438	6.2599	mg/L	0.03438	0.55%
Ni 231.604	7813.0	0.3373	mg/L	0.00261	0.3373	mg/L	0.00261	0.78%
Pb 220.353	3110.2	0.5585	mg/L	0.00318	0.5585	mg/L	0.00318	0.57%
Sb 206.836	137.5	0.1238	mg/L	0.00194	0.1238	mg/L	0.00194	1.57%
Se 196.026	13.0	0.1127	mg/L	0.00207	0.1127	mg/L	0.00207	1.84%
Tl 190.801	47.8	0.1093	mg/L	0.00222	0.1093	mg/L	0.00222	2.03%
V 292.402	31358.5	0.2777	mg/L	0.00263	0.2777	mg/L	0.00263	0.95%
Zn 206.200	28248.5	1.0206	mg/L	0.00064	1.0206	mg/L	0.00064	0.06%
Na 330.237	16476.6	11.211	mg/L	0.0780	11.211	mg/L	0.0780	0.70%
Cd 226.502	1481.4	0.0129	mg/L	0.00012	0.0129	mg/L	0.00012	0.96%
Ti 334.940	871771.9	0.8816	mg/L	0.00000	0.8816	mg/L	0.00000	0.00%
Ca 227.546	10283.9	29.683	mg/L	0.1820	29.683	mg/L	0.1820	0.61%

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Sequence No.: 25
Sample ID: F0936-16B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 109
Date Collected: 8/3/2007 11:24:48 PM
Data Type: Reprocessed on 8/6/2007 8:18:06 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-16B,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-177.9	-0.0516	mg/L	0.00028	-0.0516	mg/L	0.00028	0.53%
Al 308.215	3029770.1	81.483	mg/L	0.0646	81.483	mg/L	0.0646	0.08%
As 188.979	37.8	0.0423	mg/L	0.00283	0.0423	mg/L	0.00283	6.70%
Ba 233.527	101317.8	0.9381	mg/L	0.00940	0.9381	mg/L	0.00940	1.00%
Be 313.107	4184.1	0.0048	mg/L	0.00002	0.0048	mg/L	0.00002	0.37%
Co 228.616	2853.6	0.0910	mg/L	0.00013	0.0910	mg/L	0.00013	0.14%
Cr 267.716	6682.7	0.1196	mg/L	0.00146	0.1196	mg/L	0.00146	1.22%
Cu 324.752	92143.4	0.2793	mg/L	0.00380	0.2793	mg/L	0.00380	1.36%
Fe 273.955	8311800.8	215.37	mg/L	0.080	215.37	mg/L	0.080	0.04%
Mg 279.077	856379.9	30.513	mg/L	0.0139	30.513	mg/L	0.0139	0.05%
Mn 257.610	2411646.6	3.4630	mg/L	0.00278	3.4630	mg/L	0.00278	0.08%
Ni 231.604	4015.8	0.1733	mg/L	0.00018	0.1733	mg/L	0.00018	0.10%
Pb 220.353	597.1	0.1107	mg/L	0.00052	0.1107	mg/L	0.00052	0.47%
Sb 206.836	-23.8	-0.0116	mg/L	0.00175	-0.0116	mg/L	0.00175	15.13%
Se 196.026	-29.9	0.0383	mg/L	0.00026	0.0383	mg/L	0.00026	0.68%
Tl 190.801	-21.3	0.0417	mg/L	0.00309	0.0417	mg/L	0.00309	7.40%
V 292.402	20313.2	0.1803	mg/L	0.00237	0.1803	mg/L	0.00237	1.31%
Zn 206.200	17234.1	0.6221	mg/L	0.00820	0.6221	mg/L	0.00820	1.32%
Na 330.237	2167.1	2.0008	mg/L	0.07541	2.0008	mg/L	0.07541	3.77%
Cd 226.502	686.4	0.0011	mg/L	0.00001	0.0011	mg/L	0.00001	1.27%
Ti 334.940	1771890.2	1.7914	mg/L	0.00350	1.7914	mg/L	0.00350	0.20%
Ca 227.546	7473.2	21.234	mg/L	0.0651	21.234	mg/L	0.0651	0.31%

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Sequence No.: 26
Sample ID: F0936-18B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 110
Date Collected: 8/3/2007 11:28:02 PM
Data Type: Reprocessed on 8/6/2007 8:18:07 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-18B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Ag 328.068	1298.5	-0.0388	mg/L	0.00025	-0.0388	mg/L	0.00025	0.66%
Al 308.215	5074392.2	136.47	mg/L	1.216	136.47	mg/L	1.216	0.89%
As 188.979	48.7	0.0558	mg/L	0.00158	0.0558	mg/L	0.00158	2.83%
Ba 233.527	262500.7	2.4328	mg/L	0.02042	2.4328	mg/L	0.02042	0.84%
Be 313.107	13702.7	0.0072	mg/L	0.00002	0.0072	mg/L	0.00002	0.21%
Co 228.616	2147.7	0.0689	mg/L	0.00002	0.0689	mg/L	0.00002	0.02%
Cr 267.716	12289.6	0.2190	mg/L	0.00237	0.2190	mg/L	0.00237	1.08%
Cu 324.752	118231.2	0.3587	mg/L	0.00173	0.3587	mg/L	0.00173	0.48%
Fe 273.955	7627740.9	197.96	mg/L	1.537	197.96	mg/L	1.537	0.78%
Mg 279.077	1358522.5	48.465	mg/L	0.3846	48.465	mg/L	0.3846	0.79%
Mn 257.610	3603637.2	5.1747	mg/L	0.04210	5.1747	mg/L	0.04210	0.81%
Ni 231.604	5429.9	0.2356	mg/L	0.00026	0.2356	mg/L	0.00026	0.11%
Pb 220.353	13737.1	2.4530	mg/L	0.00250	2.4530	mg/L	0.00250	0.10%
Sb 206.836	-20.0	-0.0144	mg/L	0.00093	-0.0144	mg/L	0.00093	6.47%
Se 196.026	-23.0	0.0413	mg/L	0.00467	0.0413	mg/L	0.00467	11.29%
Tl 190.801	-13.8	0.0404	mg/L	0.00102	0.0404	mg/L	0.00102	2.52%
V 292.402	32505.3	0.2863	mg/L	0.00101	0.2863	mg/L	0.00101	0.35%
Zn 206.200	72745.0	2.6270	mg/L	0.00318	2.6270	mg/L	0.00318	0.12%
Na 330.237	3966.5	3.0180	mg/L	0.08137	3.0180	mg/L	0.08137	2.70%
Cd 226.502	993.7	0.0079	mg/L	0.00012	0.0079	mg/L	0.00012	1.49%
Ti 334.940	1091861.0	1.1039	mg/L	0.01095	1.1039	mg/L	0.01095	0.99%
Ca 227.546	5694.2	15.462	mg/L	0.1083	15.462	mg/L	0.1083	0.70%

Sequence No.: 27
Sample ID: F0936-20B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 111
Date Collected: 8/3/2007 11:31:17 PM
Data Type: Reprocessed on 8/6/2007 8:18:07 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-20B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	Sample RSD
Ag 328.068	1808.9	-0.0249	mg/L	0.00002	-0.0249	mg/L	0.00002	0.09%
Al 308.215	2496533.9	67.142	mg/L	0.0988	67.142	mg/L	0.0988	0.15%
As 188.979	104.3	0.1184	mg/L	0.00277	0.1184	mg/L	0.00277	2.34%
Ba 233.527	3401081.0	31.533	mg/L	0.0100	31.533	mg/L	0.0100	0.03%
Be 313.107	12824.6	0.0067	mg/L	0.00000	0.0067	mg/L	0.00000	0.06%
Co 228.616	1824.9	0.0699	mg/L	0.00029	0.0699	mg/L	0.00029	0.41%
Cr 267.716	15700.2	0.2823	mg/L	0.00219	0.2823	mg/L	0.00219	0.78%
Cu 324.752	2184287.0	6.6565	mg/L	0.00485	6.6565	mg/L	0.00485	0.07%
Fe 273.955	8602708.6	223.51	mg/L	0.344	223.51	mg/L	0.344	0.15%
Mg 279.077	655450.7	23.357	mg/L	0.1463	23.357	mg/L	0.1463	0.63%
Mn 257.610	3638072.3	5.2241	mg/L	0.01251	5.2241	mg/L	0.01251	0.24%
Ni 231.604	4158.9	0.1835	mg/L	0.00091	0.1835	mg/L	0.00091	0.50%
Pb 220.353	99033.5	17.634	mg/L	0.1031	17.634	mg/L	0.1031	0.58%
Sb 206.836	11.1	0.0164	mg/L	0.00305	0.0164	mg/L	0.00305	18.55%
Se 196.026	-8.9	0.0557	mg/L	0.00252	0.0557	mg/L	0.00252	4.52%
Tl 190.801	-15.2	0.0516	mg/L	0.00307	0.0516	mg/L	0.00307	5.96%
V 292.402	25614.5	0.2263	mg/L	0.00037	0.2263	mg/L	0.00037	0.17%
Zn 206.200	698296.2	25.223	mg/L	0.0615	25.223	mg/L	0.0615	0.24%
Na 330.237	30833.3	20.245	mg/L	0.1140	20.245	mg/L	0.1140	0.56%
Cd 226.502	2377.3	0.0324	mg/L	0.00005	0.0324	mg/L	0.00005	0.15%
Ti 334.940	1004726.3	1.0180	mg/L	0.00260	1.0180	mg/L	0.00260	0.26%
Ca 227.546	57925.8	195.35	mg/L	1.470	195.35	mg/L	1.470	0.75%

Sequence No.: 28
Sample ID: CRI
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/3/2007 11:34:33 PM
Data Type: Reprocessed on 8/6/2007 8:18:08 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CRI

Analyte	Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Ag 328.068	1543.4	0.0102	mg/L	0.00028	0.0102	mg/L	0.00028	2.76%
Al 308.215	7867.5	0.2112	mg/L	0.00096	0.2112	mg/L	0.00096	0.45%
As 188.979	9.8	0.0107	mg/L	0.00016	0.0107	mg/L	0.00016	1.45%
Ba 233.527	23855.8	0.2212	mg/L	0.00154	0.2212	mg/L	0.00154	0.69%
Be 313.107	13165.8	0.0050	mg/L	0.00001	0.0050	mg/L	0.00001	0.28%
Co 228.616	1559.8	0.0527	mg/L	0.00011	0.0527	mg/L	0.00011	0.21%
Cr 267.716	559.0	0.0102	mg/L	0.00007	0.0102	mg/L	0.00007	0.73%
Cu 324.752	8708.7	0.0267	mg/L	0.00002	0.0267	mg/L	0.00002	0.07%
Fe 273.955	6218.1	0.1863	mg/L	0.00468	0.1863	mg/L	0.00468	2.51%
Mg 279.077	143385.1	5.1185	mg/L	0.00862	5.1185	mg/L	0.00862	0.17%
Mn 257.610	11946.3	0.0172	mg/L	0.00007	0.0172	mg/L	0.00007	0.41%
Ni 231.604	981.1	0.0422	mg/L	0.00015	0.0422	mg/L	0.00015	0.37%
Pb 220.353	117.1	0.0209	mg/L	0.00048	0.0209	mg/L	0.00048	2.27%
Sb 206.836	76.2	0.0641	mg/L	0.00025	0.0641	mg/L	0.00025	0.39%
Se 196.026	31.2	0.0400	mg/L	0.00417	0.0400	mg/L	0.00417	10.41%
Tl 190.801	32.5	0.0229	mg/L	0.00093	0.0229	mg/L	0.00093	4.08%
V 292.402	5829.4	0.0506	mg/L	0.00029	0.0506	mg/L	0.00029	0.57%
Zn 206.200	2248.0	0.0813	mg/L	0.00162	0.0813	mg/L	0.00162	1.99%
Na 330.237	5950.8	3.8849	mg/L	0.00281	3.8849	mg/L	0.00281	0.07%
Cd 226.502	274.3	0.0052	mg/L	0.00001	0.0052	mg/L	0.00001	0.20%
Ti 334.940	237.8	0.0003	mg/L	0.00014	0.0003	mg/L	0.00014	45.58%
Ca 227.546	1402.2	4.8377	mg/L	0.03440	4.8377	mg/L	0.03440	0.71%

Sequence No.: 29
Sample ID: ICSA
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/3/2007 11:37:38 PM
Data Type: Reprocessed on 8/6/2007 8:18:08 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	-200.0	-0.0021	mg/L	0.00022	-0.0021	mg/L	0.00022	10.65%
Al 308.215	16375061.8	440.40	mg/L	1.075	440.40	mg/L	1.075	0.24%
As 188.979	-14.6	-0.0057	mg/L	0.00375	-0.0057	mg/L	0.00375	65.99%
Ba 233.527	366.0	0.0022	mg/L	0.00000	0.0022	mg/L	0.00000	0.12%
Be 313.107	96.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	26.32%
Co 228.616	94.0	0.0331	mg/L	0.00027	0.0331	mg/L	0.00027	0.83%
Cr 267.716	-135.4	-0.0075	mg/L	0.00011	-0.0075	mg/L	0.00011	1.41%
Cu 324.752	-5154.1	-0.0030	mg/L	0.00015	-0.0030	mg/L	0.00015	5.12%
Fe 273.955	6242944.2	165.88	mg/L	0.193	165.88	mg/L	0.193	0.12%
Mg 279.077	11777989.7	420.36	mg/L	0.603	420.36	mg/L	0.603	0.14%
Mn 257.610	1614.8	0.0023	mg/L	0.00005	0.0023	mg/L	0.00005	2.28%
Saturated outside survey window (code 6)								
Ni 231.604	43.9	0.0235	mg/L	0.00005	0.0235	mg/L	0.00005	0.20%
Pb 220.353	-147.8	0.0055	mg/L	0.00014	0.0055	mg/L	0.00014	2.49%
Sb 206.836	-19.0	-0.0023	mg/L	0.00068	-0.0023	mg/L	0.00068	28.96%
Se 196.026	-22.0	0.0084	mg/L	0.00129	0.0084	mg/L	0.00129	15.36%
Tl 190.801	-17.5	0.0055	mg/L	0.00012	0.0055	mg/L	0.00012	2.17%
V 292.402	-543.3	-0.0020	mg/L	0.00019	-0.0020	mg/L	0.00019	9.46%
Zn 206.200	473.3	0.0120	mg/L	0.00015	0.0120	mg/L	0.00015	1.26%
Na 330.237	853.2	-0.2281	mg/L	0.12501	-0.2281	mg/L	0.12501	54.81%
Cd 226.502	507.6	0.0006	mg/L	0.00000	0.0006	mg/L	0.00000	0.27%
Ti 334.940	-5408.9	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	4.28%
Ca 227.546	137986.2	473.25	mg/L	2.914	473.25	mg/L	2.914	0.62%

Sequence No.: 30
Sample ID: ICSAB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/3/2007 11:40:53 PM
Data Type: Reprocessed on 8/6/2007 8:18:09 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Ag 328.068	28521.3	0.1870	mg/L	0.00101	0.1870	mg/L	0.00101	0.54%
Al 308.215	16370087.1	440.26	mg/L	0.431	440.26	mg/L	0.431	0.10%
As 188.979	65.5	0.0869	mg/L	0.00419	0.0869	mg/L	0.00419	4.82%
Ba 233.527	50412.7	0.4668	mg/L	0.00168	0.4668	mg/L	0.00168	0.36%
Be 313.107	1132669.0	0.4285	mg/L	0.00040	0.4285	mg/L	0.00040	0.09%
Co 228.616	12125.3	0.4375	mg/L	0.00075	0.4375	mg/L	0.00075	0.17%
Cr 267.716	23800.2	0.4274	mg/L	0.00124	0.4274	mg/L	0.00124	0.29%
Cu 324.752	145796.3	0.4569	mg/L	0.00118	0.4569	mg/L	0.00118	0.26%
Fe 273.955	6268624.6	166.56	mg/L	0.148	166.56	mg/L	0.148	0.09%
Mg 279.077	11813290.3	421.62	mg/L	0.479	421.62	mg/L	0.479	0.11%
Mn 257.610	310409.7	0.4458	mg/L	0.00046	0.4458	mg/L	0.00046	0.10%
Ni 231.604	18559.3	0.8172	mg/L	0.00301	0.8172	mg/L	0.00301	0.37%
Pb 220.353	85.8	0.0471	mg/L	0.00135	0.0471	mg/L	0.00135	2.86%
Sb 206.836	677.8	0.5711	mg/L	0.00569	0.5711	mg/L	0.00569	1.00%
Se 196.026	7.1	0.0460	mg/L	0.00029	0.0460	mg/L	0.00029	0.62%
Tl 190.801	98.9	0.0875	mg/L	0.00236	0.0875	mg/L	0.00236	2.69%
V 292.402	50415.6	0.4414	mg/L	0.00082	0.4414	mg/L	0.00082	0.19%
Zn 206.200	23129.1	0.8326	mg/L	0.00055	0.8326	mg/L	0.00055	0.07%
Na 330.237	1630.7	0.2690	mg/L	0.02539	0.2690	mg/L	0.02539	9.44%
Cd 226.502	44211.7	0.8202	mg/L	0.00088	0.8202	mg/L	0.00088	0.11%
Ti 334.940	-5429.2	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	29.42%
Ca 227.546	139068.6	476.92	mg/L	0.239	476.92	mg/L	0.239	0.05%

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Sequence No.: 31
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/3/2007 11:44:06 PM
Data Type: Reprocessed on 8/6/2007 8:18:09 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	180588.0	1.1915	mg/L	0.01370	1.1915	mg/L	0.01370	1.15%
Al 308.215	364392.6	9.7803	mg/L	0.09651	9.7803	mg/L	0.09651	0.99%
As 188.979	464.5	0.5144	mg/L	0.00104	0.5144	mg/L	0.00104	0.20%
Ba 233.527	1137873.1	10.553	mg/L	0.0530	10.553	mg/L	0.0530	0.50%
Be 313.107	669810.1	0.2535	mg/L	0.00231	0.2535	mg/L	0.00231	0.91%
Co 228.616	76444.0	2.5693	mg/L	0.02513	2.5693	mg/L	0.02513	0.98%
Cr 267.716	56051.2	1.0180	mg/L	0.00846	1.0180	mg/L	0.00846	0.83%
Cu 324.752	409684.8	1.2486	mg/L	0.00767	1.2486	mg/L	0.00767	0.61%
Fe 273.955	198973.8	5.3187	mg/L	0.05623	5.3187	mg/L	0.05623	1.06%
Mg 279.077	715315.8	25.565	mg/L	0.0975	25.565	mg/L	0.0975	0.38%
Mn 257.610	1795297.4	2.5780	mg/L	0.01339	2.5780	mg/L	0.01339	0.52%
Ni 231.604	59769.9	2.5624	mg/L	0.03237	2.5624	mg/L	0.03237	1.26%
Pb 220.353	2862.6	0.5102	mg/L	0.00111	0.5102	mg/L	0.00111	0.22%
Sb 206.836	596.9	0.4734	mg/L	0.00528	0.4734	mg/L	0.00528	1.12%
Se 196.026	392.1	0.5055	mg/L	0.00286	0.5055	mg/L	0.00286	0.57%
Tl 190.801	723.1	0.5097	mg/L	0.00515	0.5097	mg/L	0.00515	1.01%
V 292.402	293718.9	2.5530	mg/L	0.02192	2.5530	mg/L	0.02192	0.86%
Zn 206.200	71761.9	2.5975	mg/L	0.03700	2.5975	mg/L	0.03700	1.42%
Na 330.237	36170.3	23.609	mg/L	0.2771	23.609	mg/L	0.2771	1.17%
Cd 226.502	13355.7	0.2512	mg/L	0.00454	0.2512	mg/L	0.00454	1.81%
Ti 334.940	468.4	0.0007	mg/L	0.00004	0.0007	mg/L	0.00004	6.62%
Ca 227.546	7339.7	25.081	mg/L	0.0020	25.081	mg/L	0.0020	0.01%

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Sequence No.: 32
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/3/2007 11:47:18 PM
Data Type: Reprocessed on 8/6/2007 8:18:10 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD

Ag 328.068	37.9	0.0003 mg/L	0.00015	0.0003 mg/L	0.00015	59.67%
Al 308.215	400.1	0.0108 mg/L	0.00253	0.0108 mg/L	0.00253	23.53%
As 188.979	-3.1	-0.0034 mg/L	0.00076	-0.0034 mg/L	0.00076	22.72%
Ba 233.527	134.2	0.0012 mg/L	0.00004	0.0012 mg/L	0.00004	3.39%
Be 313.107	122.0	0.0000 mg/L	0.00000	0.0000 mg/L	0.00000	6.69%
Co 228.616	8.6	0.0003 mg/L	0.00002	0.0003 mg/L	0.00002	8.36%
Cr 267.716	2.8	0.0001 mg/L	0.00004	0.0001 mg/L	0.00004	71.44%
Cu 324.752	241.8	0.0007 mg/L	0.00010	0.0007 mg/L	0.00010	12.91%
Fe 273.955	520.1	0.0137 mg/L	0.00210	0.0137 mg/L	0.00210	15.37%
Mg 279.077	343.7	0.0123 mg/L	0.00267	0.0123 mg/L	0.00267	21.75%
Mn 257.610	279.6	0.0004 mg/L	0.00001	0.0004 mg/L	0.00001	3.65%
Ni 231.604	6.1	0.0003 mg/L	0.00016	0.0003 mg/L	0.00016	59.67%
Pb 220.353	9.9	0.0018 mg/L	0.00087	0.0018 mg/L	0.00087	49.41%
Sb 206.836	1.2	0.0010 mg/L	0.00128	0.0010 mg/L	0.00128	126.54%
Se 196.026	0.8	0.0010 mg/L	0.00080	0.0010 mg/L	0.00080	78.04%
Tl 190.801	-1.9	-0.0013 mg/L	0.00122	-0.0013 mg/L	0.00122	93.28%
V 292.402	14.9	0.0001 mg/L	0.00015	0.0001 mg/L	0.00015	115.02%
Zn 206.200	107.1	0.0039 mg/L	0.00020	0.0039 mg/L	0.00020	5.06%
Na 330.237	57.2	0.0374 mg/L	0.04093	0.0374 mg/L	0.04093	109.44%
Cd 226.502	-1.4	0.0000 mg/L	0.00008	0.0000 mg/L	0.00008	323.76%
Ti 334.940	14.0	0.0000 mg/L	0.00008	0.0000 mg/L	0.00008	572.92%
Ca 227.546	12.1	0.0416 mg/L	0.03679	0.0416 mg/L	0.03679	88.50%

Sequence No.: 33
Sample ID: F0981-03B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 112
Date Collected: 8/3/2007 11:50:24 PM
Data Type: Reprocessed on 8/6/2007 8:18:10 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-03B,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-265.0	-0.0812	mg/L	0.00077	-0.0812	mg/L	0.00077	0.95%
Al 308.215	8003157.9	215.24	mg/L	1.973	215.24	mg/L	1.973	0.92%
As 188.979	110.6	0.1248	mg/L	0.00046	0.1248	mg/L	0.00046	0.37%
Ba 233.527	333548.6	3.0905	mg/L	0.02652	3.0905	mg/L	0.02652	0.86%
Be 313.107	20093.1	0.0126	mg/L	0.00015	0.0126	mg/L	0.00015	1.17%
Co 228.616	6937.5	0.2271	mg/L	0.00069	0.2271	mg/L	0.00069	0.30%
Cr 267.716	18385.8	0.3307	mg/L	0.00260	0.3307	mg/L	0.00260	0.79%
Cu 324.752	135652.3	0.4117	mg/L	0.00306	0.4117	mg/L	0.00306	0.74%
Fe 273.955	13346699.1	346.42	mg/L	2.673	346.42	mg/L	2.673	0.77%
Mg 279.077	3362387.8	119.92	mg/L	0.995	119.92	mg/L	0.995	0.83%
Mn 257.610	3207269.5	4.6055	mg/L	0.03828	4.6055	mg/L	0.03828	0.83%
Ni 231.604	13327.0	0.5758	mg/L	0.00061	0.5758	mg/L	0.00061	0.11%
Pb 220.353	1111.8	0.2108	mg/L	0.00018	0.2108	mg/L	0.00018	0.08%
Sb 206.836	-39.4	-0.0252	mg/L	0.00004	-0.0252	mg/L	0.00004	0.15%
Se 196.026	-49.2	0.0615	mg/L	0.00097	0.0615	mg/L	0.00097	1.57%
Tl 190.801	-23.8	0.0679	mg/L	0.00056	0.0679	mg/L	0.00056	0.83%
V 292.402	31879.0	0.2833	mg/L	0.00327	0.2833	mg/L	0.00327	1.15%
Zn 206.200	36486.1	1.3169	mg/L	0.00851	1.3169	mg/L	0.00851	0.65%
Na 330.237	3035.2	2.8434	mg/L	0.04083	2.8434	mg/L	0.04083	1.44%
Cd 226.502	1492.9	0.0093	mg/L	0.00007	0.0093	mg/L	0.00007	0.79%
Ti 334.940	2728669.6	2.7590	mg/L	0.02492	2.7590	mg/L	0.02492	0.90%
Ca 227.546	19342.0	59.436	mg/L	0.3159	59.436	mg/L	0.3159	0.53%

Sequence No.: 34
Sample ID: F0981-04B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 113
Date Collected: 8/3/2007 11:53:43 PM
Data Type: Reprocessed on 8/6/2007 8:18:11 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-04B,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-279.2	-0.0683	mg/L	0.00078	-0.0683	mg/L	0.00078	1.14%

Al 308.215	5456431.0	146.75 mg/L	1.842	146.75 mg/L	1.842	1.25%
As 188.979	54.4	0.0630 mg/L	0.00296	0.0630 mg/L	0.00296	4.70%
Ba 233.527	322085.6	2.9844 mg/L	0.01281	2.9844 mg/L	0.01281	0.43%
Be 313.107	14284.1	0.0081 mg/L	0.00003	0.0081 mg/L	0.00003	0.38%
Co 228.616	4155.0	0.1438 mg/L	0.00006	0.1438 mg/L	0.00006	0.04%
Cr 267.716	13356.5	0.2382 mg/L	0.00079	0.2382 mg/L	0.00079	0.33%
Cu 324.752	189735.8	0.5795 mg/L	0.00209	0.5795 mg/L	0.00209	0.36%
Fe 273.955	12669754.0	328.98 mg/L	3.766	328.98 mg/L	3.766	1.14%
Mg 279.077	3532085.8	126.02 mg/L	0.614	126.02 mg/L	0.614	0.49%
Mn 257.610	4871702.0	6.9955 mg/L	0.06780	6.9955 mg/L	0.06780	0.97%
Ni 231.604	7021.3	0.3071 mg/L	0.00027	0.3071 mg/L	0.00027	0.09%
Pb 220.353	11679.0	2.0883 mg/L	0.00327	2.0883 mg/L	0.00327	0.16%
Sb 206.836	-33.8	-0.0158 mg/L	0.00209	-0.0158 mg/L	0.00209	13.19%
Se 196.026	-47.0	0.0466 mg/L	0.00336	0.0466 mg/L	0.00336	7.20%
Tl 190.801	-26.8	0.0697 mg/L	0.00669	0.0697 mg/L	0.00669	9.60%
V 292.402	33684.0	0.2988 mg/L	0.00028	0.2988 mg/L	0.00028	0.09%
Zn 206.200	46515.1	1.6801 mg/L	0.00592	1.6801 mg/L	0.00592	0.35%
Na 330.237	5054.2	3.6664 mg/L	0.06953	3.6664 mg/L	0.06953	1.90%
Cd 226.502	1365.7	0.0077 mg/L	0.00014	0.0077 mg/L	0.00014	1.84%
Ti 334.940	1461665.4	1.4794 mg/L	0.00377	1.4794 mg/L	0.00377	0.25%
Ca 227.546	47389.2	156.73 mg/L	0.821	156.73 mg/L	0.821	0.52%

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Sequence No.: 35
Sample ID: F0981-05B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 114
Date Collected: 8/3/2007 11:57:01 PM
Data Type: Reprocessed on 8/6/2007 8:18:11 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-05B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-116.1	-0.0803	mg/L	0.00067	-0.0803	mg/L	0.00067	0.84%
Al 308.215	5104369.5	137.28	mg/L	0.120	137.28	mg/L	0.120	0.09%
As 188.979	44.0	0.0492	mg/L	0.00293	0.0492	mg/L	0.00293	5.96%
Ba 233.527	132808.9	1.2293	mg/L	0.00594	1.2293	mg/L	0.00594	0.48%
Be 313.107	17378.2	0.0084	mg/L	0.00012	0.0084	mg/L	0.00012	1.39%
Co 228.616	4022.0	0.1323	mg/L	0.00061	0.1323	mg/L	0.00061	0.46%
Cr 267.716	12537.6	0.2200	mg/L	0.00228	0.2200	mg/L	0.00228	1.04%
Cu 324.752	175290.5	0.5315	mg/L	0.00264	0.5315	mg/L	0.00264	0.50%
Fe 273.955	13423379.8	347.83	mg/L	0.010	347.83	mg/L	0.010	0.00%
Mg 279.077	1702285.5	60.737	mg/L	0.4266	60.737	mg/L	0.4266	0.70%
Mn 257.610	7664024.5	11.005	mg/L	0.0268	11.005	mg/L	0.0268	0.24%
Ni 231.604	6991.7	0.3030	mg/L	0.00279	0.3030	mg/L	0.00279	0.92%
Pb 220.353	8882.2	1.5876	mg/L	0.00539	1.5876	mg/L	0.00539	0.34%
Sb 206.836	-31.4	-0.0159	mg/L	0.00095	-0.0159	mg/L	0.00095	5.94%
Se 196.026	-50.4	0.0551	mg/L	0.00416	0.0551	mg/L	0.00416	7.55%
Tl 190.801	-23.0	0.0822	mg/L	0.00176	0.0822	mg/L	0.00176	2.15%
V 292.402	30411.7	0.2711	mg/L	0.00516	0.2711	mg/L	0.00516	1.90%
Zn 206.200	40565.3	1.4652	mg/L	0.01668	1.4652	mg/L	0.01668	1.14%
Na 330.237	3517.3	2.8410	mg/L	0.07182	2.8410	mg/L	0.07182	2.53%
Cd 226.502	1444.1	0.0081	mg/L	0.00021	0.0081	mg/L	0.00021	2.53%
Ti 334.940	1016544.5	1.0280	mg/L	0.01209	1.0280	mg/L	0.01209	1.18%
Ca 227.546	10534.6	29.005	mg/L	0.0370	29.005	mg/L	0.0370	0.13%

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Sequence No.: 36
Sample ID: F0981-07B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 115
Date Collected: 8/4/2007 12:00:18 AM
Data Type: Reprocessed on 8/6/2007 8:18:12 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-07B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	566.3	-0.0389	mg/L	0.00013	-0.0389	mg/L	0.00013	0.34%
Al 308.215	3244500.1	87.258	mg/L	0.0614	87.258	mg/L	0.0614	0.07%

As 188.979	90.1	0.1005 mg/L	0.00007	0.1005 mg/L	0.00007	0.07%
Ba 233.527	291496.2	2.7015 mg/L	0.00380	2.7015 mg/L	0.00380	0.14%
Be 313.107	10138.4	0.0063 mg/L	0.00001	0.0063 mg/L	0.00001	0.12%
Co 228.616	2513.1	0.0866 mg/L	0.00039	0.0866 mg/L	0.00039	0.45%
Cr 267.716	9190.1	0.1647 mg/L	0.00056	0.1647 mg/L	0.00056	0.34%
Cu 324.752	357606.6	1.0905 mg/L	0.00524	1.0905 mg/L	0.00524	0.48%
Fe 273.955	8134300.2	211.18 mg/L	0.407	211.18 mg/L	0.407	0.19%
Mg 279.077	1087585.6	38.774 mg/L	0.0643	38.774 mg/L	0.0643	0.17%
Mn 257.610	2764280.4	3.9694 mg/L	0.00500	3.9694 mg/L	0.00500	0.13%
Ni 231.604	7005.6	0.3041 mg/L	0.00111	0.3041 mg/L	0.00111	0.37%
Pb 220.353	26599.8	4.7409 mg/L	0.01247	4.7409 mg/L	0.01247	0.26%
Sb 206.836	-1.8	0.0071 mg/L	0.00457	0.0071 mg/L	0.00457	64.06%
Se 196.026	-18.9	0.0442 mg/L	0.00102	0.0442 mg/L	0.00102	2.30%
Tl 190.801	-15.4	0.0451 mg/L	0.00205	0.0451 mg/L	0.00205	4.55%
V 292.402	28758.1	0.2537 mg/L	0.00021	0.2537 mg/L	0.00021	0.08%
Zn 206.200	265421.1	9.5869 mg/L	0.00166	9.5869 mg/L	0.00166	0.02%
Na 330.237	13765.0	9.3103 mg/L	0.10924	9.3103 mg/L	0.10924	1.17%
Cd 226.502	1362.2	0.0141 mg/L	0.00007	0.0141 mg/L	0.00007	0.46%
Ti 334.940	1351606.6	1.3676 mg/L	0.00019	1.3676 mg/L	0.00019	0.01%
Ca 227.546	33423.0	110.98 mg/L	0.020	110.98 mg/L	0.020	0.02%

Sequence No.: 37
Sample ID: F0981-08B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 116
Date Collected: 8/4/2007 12:03:33 AM
Data Type: Reprocessed on 8/6/2007 8:18:12 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-08B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	-425.1	-0.0708	mg/L	0.00030	-0.0708	mg/L	0.00030	0.43%
Al 308.215	6019395.0	161.89	mg/L	0.311	161.89	mg/L	0.311	0.19%
As 188.979	69.3	0.0789	mg/L	0.00099	0.0789	mg/L	0.00099	1.26%
Ba 233.527	98265.8	0.9093	mg/L	0.00321	0.9093	mg/L	0.00321	0.35%
Be 313.107	16832.3	0.0096	mg/L	0.00010	0.0096	mg/L	0.00010	1.03%
Co 228.616	5030.6	0.1631	mg/L	0.00061	0.1631	mg/L	0.00061	0.38%
Cr 267.716	16196.8	0.2936	mg/L	0.00103	0.2936	mg/L	0.00103	0.35%
Cu 324.752	110848.1	0.3353	mg/L	0.00165	0.3353	mg/L	0.00165	0.49%
Fe 273.955	10908566.3	282.91	mg/L	0.884	282.91	mg/L	0.884	0.31%
Mg 279.077	2415200.3	86.107	mg/L	0.4803	86.107	mg/L	0.4803	0.56%
Mn 257.610	1312636.0	1.8849	mg/L	0.01121	1.8849	mg/L	0.01121	0.59%
Ni 231.604	9446.7	0.4078	mg/L	0.00133	0.4078	mg/L	0.00133	0.33%
Pb 220.353	717.0	0.1373	mg/L	0.00017	0.1373	mg/L	0.00017	0.12%
Sb 206.836	-31.0	-0.0219	mg/L	0.00024	-0.0219	mg/L	0.00024	1.08%
Se 196.026	-45.5	0.0473	mg/L	0.00140	0.0473	mg/L	0.00140	2.96%
Tl 190.801	-28.0	0.0483	mg/L	0.00394	0.0483	mg/L	0.00394	8.17%
V 292.402	22108.9	0.1972	mg/L	0.00138	0.1972	mg/L	0.00138	0.70%
Zn 206.200	45112.0	1.6289	mg/L	0.01382	1.6289	mg/L	0.01382	0.85%
Na 330.237	2587.6	2.3672	mg/L	0.09275	2.3672	mg/L	0.09275	3.92%
Cd 226.502	1078.5	0.0049	mg/L	0.00030	0.0049	mg/L	0.00030	6.22%
Ti 334.940	1774482.0	1.7939	mg/L	0.00946	1.7939	mg/L	0.00946	0.53%
Ca 227.546	5079.2	11.507	mg/L	0.0693	11.507	mg/L	0.0693	0.60%

Sequence No.: 38
Sample ID: F0981-09B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 117
Date Collected: 8/4/2007 12:06:49 AM
Data Type: Reprocessed on 8/6/2007 8:18:12 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-09B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	-96.2	-0.0547	mg/L	0.00033	-0.0547	mg/L	0.00033	0.60%
Al 308.215	4041754.4	108.70	mg/L	1.233	108.70	mg/L	1.233	1.13%
As 188.979	55.8	0.0624	mg/L	0.00288	0.0624	mg/L	0.00288	4.62%

Ba 233.527	103569.3	0.9589	mg/L	0.00557	0.9589	mg/L	0.00557	0.58%
Be 313.107	10075.2	0.0057	mg/L	0.00002	0.0057	mg/L	0.00002	0.43%
Co 228.616	3228.0	0.1057	mg/L	0.00012	0.1057	mg/L	0.00012	0.11%
Cr 267.716	10953.6	0.1963	mg/L	0.00059	0.1963	mg/L	0.00059	0.30%
Cu 324.752	108127.0	0.3278	mg/L	0.00303	0.3278	mg/L	0.00303	0.92%
Fe 273.955	8888688.7	230.46	mg/L	2.164	230.46	mg/L	2.164	0.94%
Mg 279.077	2134568.2	76.142	mg/L	0.7390	76.142	mg/L	0.7390	0.97%
Mn 257.610	3013350.2	4.3270	mg/L	0.04327	4.3270	mg/L	0.04327	1.00%
Ni 231.604	6487.7	0.2804	mg/L	0.00092	0.2804	mg/L	0.00092	0.33%
Pb 220.353	646.9	0.1212	mg/L	0.00140	0.1212	mg/L	0.00140	1.16%
Sb 206.836	-27.7	-0.0180	mg/L	0.00109	-0.0180	mg/L	0.00109	6.09%
Se 196.026	-25.5	0.0496	mg/L	0.00585	0.0496	mg/L	0.00585	11.80%
Tl 190.801	-24.2	0.0436	mg/L	0.00201	0.0436	mg/L	0.00201	4.60%
V 292.402	23962.4	0.2126	mg/L	0.00086	0.2126	mg/L	0.00086	0.40%
Zn 206.200	24203.4	0.8743	mg/L	0.00474	0.8743	mg/L	0.00474	0.54%
Na 330.237	2061.1	1.7747	mg/L	0.04127	1.7747	mg/L	0.04127	2.33%
Cd 226.502	894.6	0.0043	mg/L	0.00013	0.0043	mg/L	0.00013	3.04%
Ti 334.940	1003153.2	1.0143	mg/L	0.00815	1.0143	mg/L	0.00815	0.80%
Ca 227.546	7607.9	21.372	mg/L	0.0949	21.372	mg/L	0.0949	0.44%

Sequence No.: 39
Sample ID: F0981-10B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 118
Date Collected: 8/4/2007 12:10:04 AM
Data Type: Reprocessed on 8/6/2007 8:18:13 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-10B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-341.2	-0.0960	mg/L	0.00008	-0.0960	mg/L	0.00008	0.08%
Al 308.215	7978178.3	214.57	mg/L	0.763	214.57	mg/L	0.763	0.36%
As 188.979	5.7	0.0128	mg/L	0.00136	0.0128	mg/L	0.00136	10.64%
Ba 233.527	189658.1	1.7561	mg/L	0.01453	1.7561	mg/L	0.01453	0.83%
Be 313.107	17802.7	0.0116	mg/L	0.00005	0.0116	mg/L	0.00005	0.44%
Co 228.616	6148.5	0.1986	mg/L	0.00020	0.1986	mg/L	0.00020	0.10%
Cr 267.716	23924.4	0.4335	mg/L	0.00642	0.4335	mg/L	0.00642	1.48%
Cu 324.752	133958.4	0.4052	mg/L	0.00339	0.4052	mg/L	0.00339	0.84%
Fe 273.955	15124472.1	392.23	mg/L	1.230	392.23	mg/L	1.230	0.31%
Mg 279.077	3094476.0	110.32	mg/L	1.006	110.32	mg/L	1.006	0.91%
Mn 257.610	2112096.8	3.0329	mg/L	0.02855	3.0329	mg/L	0.02855	0.94%
Ni 231.604	11657.3	0.5035	mg/L	0.00086	0.5035	mg/L	0.00086	0.17%
Pb 220.353	891.0	0.1715	mg/L	0.00072	0.1715	mg/L	0.00072	0.42%
Sb 206.836	-44.0	-0.0314	mg/L	0.00121	-0.0314	mg/L	0.00121	3.86%
Se 196.026	-62.5	0.0648	mg/L	0.00485	0.0648	mg/L	0.00485	7.48%
Tl 190.801	-39.5	0.0674	mg/L	0.00162	0.0674	mg/L	0.00162	2.41%
V 292.402	35074.1	0.3119	mg/L	0.00214	0.3119	mg/L	0.00214	0.69%
Zn 206.200	25835.0	0.9326	mg/L	0.00830	0.9326	mg/L	0.00830	0.89%
Na 330.237	2570.6	2.6311	mg/L	0.01980	2.6311	mg/L	0.01980	0.75%
Cd 226.502	1374.1	0.0045	mg/L	0.00005	0.0045	mg/L	0.00005	1.20%
Ti 334.940	2631425.3	2.6603	mg/L	0.00822	2.6603	mg/L	0.00822	0.31%
Ca 227.546	10353.4	27.399	mg/L	0.0139	27.399	mg/L	0.0139	0.05%

Sequence No.: 40
Sample ID: F0981-11B,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 119
Date Collected: 8/4/2007 12:13:22 AM
Data Type: Reprocessed on 8/6/2007 8:18:13 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-291.9	-0.0657	mg/L	0.00006	-0.0657	mg/L	0.00006	0.09%
Al 308.215	5498817.7	147.89	mg/L	0.168	147.89	mg/L	0.168	0.11%
As 188.979	18.3	0.0231	mg/L	0.00468	0.0231	mg/L	0.00468	20.24%
Ba 233.527	163262.4	1.5121	mg/L	0.00688	1.5121	mg/L	0.00688	0.46%

Be 313.107	13302.8	0.0078	mg/L	0.00002	0.0078	mg/L	0.00002	0.22%
Co 228.616	3851.6	0.1250	mg/L	0.00007	0.1250	mg/L	0.00007	0.06%
Cr 267.716	12947.2	0.2323	mg/L	0.00021	0.2323	mg/L	0.00021	0.09%
Cu 324.752	84164.4	0.2544	mg/L	0.00120	0.2544	mg/L	0.00120	0.47%
Fe 273.955	10437469.2	270.67	mg/L	0.258	270.67	mg/L	0.258	0.10%
Mg 279.077	1650491.2	58.845	mg/L	0.2900	58.845	mg/L	0.2900	0.49%
Mn 257.610	3025954.1	4.3451	mg/L	0.00419	4.3451	mg/L	0.00419	0.10%
Ni 231.604	6274.9	0.2720	mg/L	0.00008	0.2720	mg/L	0.00008	0.03%
Pb 220.353	714.7	0.1356	mg/L	0.00065	0.1356	mg/L	0.00065	0.48%
Sb 206.836	-29.8	-0.0192	mg/L	0.00116	-0.0192	mg/L	0.00116	6.05%
Se 196.026	-38.7	0.0484	mg/L	0.00420	0.0484	mg/L	0.00420	8.69%
Tl 190.801	-22.6	0.0524	mg/L	0.00008	0.0524	mg/L	0.00008	0.16%
V 292.402	24508.7	0.2180	mg/L	0.00073	0.2180	mg/L	0.00073	0.33%
Zn 206.200	20991.1	0.7575	mg/L	0.00013	0.7575	mg/L	0.00013	0.02%
Na 330.237	2051.3	1.9199	mg/L	0.00252	1.9199	mg/L	0.00252	0.13%
Cd 226.502	910.2	0.0023	mg/L	0.00002	0.0023	mg/L	0.00002	0.64%
Ti 334.940	1484728.8	1.5011	mg/L	0.00465	1.5011	mg/L	0.00465	0.31%
Ca 227.546	7684.2	20.785	mg/L	0.0434	20.785	mg/L	0.0434	0.21%

Sequence No.: 41
Sample ID: F0981-11BDUP,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 120
Date Collected: 8/4/2007 12:16:39 AM
Data Type: Reprocessed on 8/6/2007 8:18:14 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BDUP,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-212.8	-0.0636	mg/L	0.00011	-0.0636	mg/L	0.00011	0.18%
Al 308.215	5366449.1	144.33	mg/L	0.623	144.33	mg/L	0.623	0.43%
As 188.979	33.3	0.0386	mg/L	0.00813	0.0386	mg/L	0.00813	21.03%
Ba 233.527	194437.9	1.8012	mg/L	0.00304	1.8012	mg/L	0.00304	0.17%
Be 313.107	12371.7	0.0074	mg/L	0.00002	0.0074	mg/L	0.00002	0.25%
Co 228.616	3744.4	0.1211	mg/L	0.00010	0.1211	mg/L	0.00010	0.08%
Cr 267.716	11056.4	0.1973	mg/L	0.00148	0.1973	mg/L	0.00148	0.75%
Cu 324.752	82160.2	0.2482	mg/L	0.00054	0.2482	mg/L	0.00054	0.22%
Fe 273.955	10137912.1	262.87	mg/L	0.888	262.87	mg/L	0.888	0.34%
Mg 279.077	1228359.6	43.788	mg/L	0.0180	43.788	mg/L	0.0180	0.04%
Mn 257.610	3489088.0	5.0102	mg/L	0.01080	5.0102	mg/L	0.01080	0.22%
Ni 231.604	5716.1	0.2479	mg/L	0.00108	0.2479	mg/L	0.00108	0.44%
Pb 220.353	736.7	0.1391	mg/L	0.00015	0.1391	mg/L	0.00015	0.11%
Sb 206.836	-27.9	-0.0168	mg/L	0.00379	-0.0168	mg/L	0.00379	22.56%
Se 196.026	-36.5	0.0481	mg/L	0.00301	0.0481	mg/L	0.00301	6.26%
Tl 190.801	-19.3	0.0535	mg/L	0.00105	0.0535	mg/L	0.00105	1.96%
V 292.402	24938.7	0.2216	mg/L	0.00136	0.2216	mg/L	0.00136	0.62%
Zn 206.200	18974.2	0.6844	mg/L	0.00063	0.6844	mg/L	0.00063	0.09%
Na 330.237	1906.3	1.8250	mg/L	0.03404	1.8250	mg/L	0.03404	1.87%
Cd 226.502	894.0	0.0025	mg/L	0.00005	0.0025	mg/L	0.00005	1.88%
Ti 334.940	1469974.9	1.4861	mg/L	0.00574	1.4861	mg/L	0.00574	0.39%
Ca 227.546	6007.1	15.161	mg/L	0.0318	15.161	mg/L	0.0318	0.21%

Sequence No.: 42
Sample ID: F0981-11BMS,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 8/4/2007 12:19:56 AM
Data Type: Reprocessed on 8/6/2007 8:18:14 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BMS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	13743.1	0.0270	mg/L	0.00026	0.0270	mg/L	0.00026	0.95%
Al 308.215	5317291.4	143.00	mg/L	0.941	143.00	mg/L	0.941	0.66%
As 188.979	81.1	0.0963	mg/L	0.00467	0.0963	mg/L	0.00467	4.86%
Ba 233.527	587082.5	5.4432	mg/L	0.04173	5.4432	mg/L	0.04173	0.77%
Be 313.107	262236.1	0.1015	mg/L	0.00009	0.1015	mg/L	0.00009	0.09%

Co 228.616	32970.3	1.1039	mg/L	0.00350	1.1039	mg/L	0.00350	0.32%
Cr 267.716	33226.8	0.6013	mg/L	0.00253	0.6013	mg/L	0.00253	0.42%
Cu 324.752	227382.4	0.6910	mg/L	0.00369	0.6910	mg/L	0.00369	0.53%
Fe 273.955	8810439.1	228.57	mg/L	1.361	228.57	mg/L	1.361	0.60%
Mg 279.077	1417981.3	50.563	mg/L	0.3266	50.563	mg/L	0.3266	0.65%
Mn 257.610	2901383.2	4.1663	mg/L	0.01393	4.1663	mg/L	0.01393	0.33%
Ni 231.604	28307.4	1.2163	mg/L	0.00691	1.2163	mg/L	0.00691	0.57%
Pb 220.353	738.0	0.1395	mg/L	0.00061	0.1395	mg/L	0.00061	0.44%
Sb 206.836	51.3	0.0357	mg/L	0.00057	0.0357	mg/L	0.00057	1.61%
Se 196.026	36.1	0.1301	mg/L	0.00040	0.1301	mg/L	0.00040	0.31%
Tl 190.801	118.4	0.1393	mg/L	0.00102	0.1393	mg/L	0.00102	0.73%
V 292.402	132112.2	1.1525	mg/L	0.00007	1.1525	mg/L	0.00007	0.01%
Zn 206.200	45170.4	1.6327	mg/L	0.00272	1.6327	mg/L	0.00272	0.17%
Na 330.237	2905.6	2.3740	mg/L	0.01586	2.3740	mg/L	0.01586	0.67%
Cd 226.502	5816.4	0.0971	mg/L	0.00053	0.0971	mg/L	0.00053	0.54%
Ti 334.940	1224754.9	1.2382	mg/L	0.00288	1.2382	mg/L	0.00288	0.23%
Ca 227.546	6706.7	18.241	mg/L	0.0576	18.241	mg/L	0.0576	0.32%

Sequence No.: 43
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/4/2007 12:23:12 AM
Data Type: Reprocessed on 8/6/2007 8:18:15 AM
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
Ag 328.068	180940.3	1.1936	mg/L	0.01878	1.1936	mg/L	0.01878	1.57%
Al 308.215	363448.8	9.7547	mg/L	0.02007	9.7547	mg/L	0.02007	0.21%
As 188.979	462.7	0.5126	mg/L	0.00181	0.5126	mg/L	0.00181	0.35%
Ba 233.527	1146754.6	10.636	mg/L	0.0604	10.636	mg/L	0.0604	0.57%
Be 313.107	674141.8	0.2551	mg/L	0.00088	0.2551	mg/L	0.00088	0.35%
Co 228.616	76292.8	2.5642	mg/L	0.00997	2.5642	mg/L	0.00997	0.39%
Cr 267.716	56158.7	1.0199	mg/L	0.01621	1.0199	mg/L	0.01621	1.59%
Cu 324.752	412485.2	1.2571	mg/L	0.00763	1.2571	mg/L	0.00763	0.61%
Fe 273.955	199735.2	5.3381	mg/L	0.00903	5.3381	mg/L	0.00903	0.17%
Mg 279.077	717998.9	25.660	mg/L	0.1471	25.660	mg/L	0.1471	0.57%
Mn 257.610	1800877.6	2.5860	mg/L	0.01254	2.5860	mg/L	0.01254	0.48%
Ni 231.604	59833.3	2.5651	mg/L	0.03609	2.5651	mg/L	0.03609	1.41%
Pb 220.353	2855.1	0.5089	mg/L	0.00011	0.5089	mg/L	0.00011	0.02%
Sb 206.836	598.1	0.4744	mg/L	0.00395	0.4744	mg/L	0.00395	0.83%
Se 196.026	390.5	0.5034	mg/L	0.00146	0.5034	mg/L	0.00146	0.29%
Tl 190.801	723.9	0.5103	mg/L	0.00260	0.5103	mg/L	0.00260	0.51%
V 292.402	296201.9	2.5746	mg/L	0.00025	2.5746	mg/L	0.00025	0.01%
Zn 206.200	71884.2	2.6019	mg/L	0.00138	2.6019	mg/L	0.00138	0.05%
Na 330.237	36384.2	23.750	mg/L	0.1348	23.750	mg/L	0.1348	0.57%
Cd 226.502	13435.1	0.2527	mg/L	0.00167	0.2527	mg/L	0.00167	0.66%
Ti 334.940	782.4	0.0010	mg/L	0.00008	0.0010	mg/L	0.00008	8.09%
Ca 227.546	7327.8	25.039	mg/L	0.0984	25.039	mg/L	0.0984	0.39%

Sequence No.: 44
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/4/2007 12:26:23 AM
Data Type: Reprocessed on 8/6/2007 8:18:15 AM
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
Ag 328.068	31.3	0.0002	mg/L	0.00036	0.0002	mg/L	0.00036	169.14%
Al 308.215	339.3	0.0091	mg/L	0.00277	0.0091	mg/L	0.00277	30.42%
As 188.979	-0.6	-0.0006	mg/L	0.00019	-0.0006	mg/L	0.00019	32.34%
Ba 233.527	145.6	0.0013	mg/L	0.00012	0.0013	mg/L	0.00012	8.66%
Be 313.107	144.9	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	5.61%
Co 228.616	7.7	0.0003	mg/L	0.00000	0.0003	mg/L	0.00000	0.08%

Cr 267.716	5.7	0.0001 mg/L	0.00022	0.0001 mg/L	0.00022	211.78%
Cu 324.752	101.6	0.0003 mg/L	0.00015	0.0003 mg/L	0.00015	47.05%
Fe 273.955	826.0	0.0216 mg/L	0.00176	0.0216 mg/L	0.00176	8.15%
Mg 279.077	267.6	0.0096 mg/L	0.00000	0.0096 mg/L	0.00000	0.01%
Mn 257.610	414.9	0.0006 mg/L	0.00004	0.0006 mg/L	0.00004	7.13%
Ni 231.604	11.2	0.0005 mg/L	0.00008	0.0005 mg/L	0.00008	16.96%
Pb 220.353	6.4	0.0011 mg/L	0.00001	0.0011 mg/L	0.00001	1.02%
Sb 206.836	0.6	0.0005 mg/L	0.00044	0.0005 mg/L	0.00044	86.85%
Se 196.026	1.2	0.0016 mg/L	0.00338	0.0016 mg/L	0.00338	210.93%
Tl 190.801	-3.6	-0.0025 mg/L	0.00053	-0.0025 mg/L	0.00053	21.23%
V 292.402	16.3	0.0001 mg/L	0.00024	0.0001 mg/L	0.00024	165.54%
Zn 206.200	57.5	0.0021 mg/L	0.00006	0.0021 mg/L	0.00006	2.72%
Na 330.237	-44.8	-0.0294 mg/L	0.01930	-0.0294 mg/L	0.01930	65.61%
Cd 226.502	1.3	0.0000 mg/L	0.00003	0.0000 mg/L	0.00003	127.28%
Ti 334.940	88.8	0.0001 mg/L	0.00003	0.0001 mg/L	0.00003	29.24%
Ca 227.546	16.2	0.0554 mg/L	0.03616	0.0554 mg/L	0.03616	65.32%

Sequence No.: 45
Sample ID: F0981-11BSD,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 121
Date Collected: 8/4/2007 12:29:29 AM
Data Type: Reprocessed on 8/6/2007 8:18:16 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BSD,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-68.7	-0.0152	mg/L	0.00009	-0.0152	mg/L	0.00009	0.57%
Al 308.215	1149575.9	30.917	mg/L	0.3641	30.917	mg/L	0.3641	1.18%
As 188.979	3.3	0.0042	mg/L	0.00422	0.0042	mg/L	0.00422	99.86%
Ba 233.527	35165.9	0.3257	mg/L	0.00025	0.3257	mg/L	0.00025	0.08%
Be 313.107	2943.0	0.0017	mg/L	0.00002	0.0017	mg/L	0.00002	1.34%
Co 228.616	853.2	0.0277	mg/L	0.00010	0.0277	mg/L	0.00010	0.34%
Cr 267.716	2807.8	0.0504	mg/L	0.00029	0.0504	mg/L	0.00029	0.57%
Cu 324.752	17307.6	0.0523	mg/L	0.00000	0.0523	mg/L	0.00000	0.01%
Fe 273.955	2407455.2	62.413	mg/L	0.8139	62.413	mg/L	0.8139	1.30%
Mg 279.077	361998.0	12.905	mg/L	0.0114	12.905	mg/L	0.0114	0.09%
Mn 257.610	666367.5	0.9569	mg/L	0.01252	0.9569	mg/L	0.01252	1.31%
Ni 231.604	1407.0	0.0609	mg/L	0.00002	0.0609	mg/L	0.00002	0.04%
Pb 220.353	161.5	0.0305	mg/L	0.00082	0.0305	mg/L	0.00082	2.68%
Sb 206.836	-8.1	-0.0053	mg/L	0.00162	-0.0053	mg/L	0.00162	30.34%
Se 196.026	-8.3	0.0120	mg/L	0.00202	0.0120	mg/L	0.00202	16.83%
Tl 190.801	-10.2	0.0088	mg/L	0.00289	0.0088	mg/L	0.00289	32.84%
V 292.402	5202.0	0.0464	mg/L	0.00005	0.0464	mg/L	0.00005	0.11%
Zn 206.200	4891.4	0.1765	mg/L	0.00049	0.1765	mg/L	0.00049	0.28%
Na 330.237	538.5	0.4812	mg/L	0.01004	0.4812	mg/L	0.01004	2.09%
Cd 226.502	192.3	0.0002	mg/L	0.00004	0.0002	mg/L	0.00004	17.39%
Ti 334.940	318018.5	0.3215	mg/L	0.00440	0.3215	mg/L	0.00440	1.37%
Ca 227.546	1626.9	4.2915	mg/L	0.00108	4.2915	mg/L	0.00108	0.03%

Sequence No.: 46
Sample ID: F0981-11BPDS,31386
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

50 @ 120ppb

Autosampler Location: 13
Date Collected: 8/4/2007 12:32:43 AM
Data Type: Reprocessed on 8/6/2007 8:18:16 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BPDS,31386

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	565.7	-0.0577	mg/L	0.00014	-0.0577	mg/L	0.00014	0.25%
Al 308.215	5167235.0	138.97	mg/L	0.438	138.97	mg/L	0.438	0.31%
As 188.979	35.4	0.0416	mg/L	0.00437	0.0416	mg/L	0.00437	10.50%
Ba 233.527	152924.6	1.4165	mg/L	0.00093	1.4165	mg/L	0.00093	0.07%
Be 313.107	38064.1	0.0170	mg/L	0.00001	0.0170	mg/L	0.00001	0.04%
Co 228.616	6616.8	0.2182	mg/L	0.00111	0.2182	mg/L	0.00111	0.51%
Cr 267.716	13434.6	0.2414	mg/L	0.00084	0.2414	mg/L	0.00084	0.35%

Cu 324.752	95602.9	0.2894 mg/L	0.00071	0.2894 mg/L	0.00071	0.25%
Fe 273.955	9884388.1	256.32 mg/L	0.480	256.32 mg/L	0.480	0.19%
Mg 279.077	1552444.2	55.349 mg/L	0.0318	55.349 mg/L	0.0318	0.06%
Mn 257.610	2877470.9	4.1319 mg/L	0.00976	4.1319 mg/L	0.00976	0.24%
Ni 231.604	7834.5	0.3386 mg/L	0.00092	0.3386 mg/L	0.00092	0.27%
Pb 220.353	710.5	0.1343 mg/L	0.00033	0.1343 mg/L	0.00033	0.25%
Sb 206.836	122.4	0.1083 mg/L	0.00016	0.1083 mg/L	0.00016	0.14%
Se 196.026	-31.5	0.0524 mg/L	0.00657	0.0524 mg/L	0.00657	12.54%
Tl 190.801	7.5	0.0699 mg/L	0.00030	0.0699 mg/L	0.00030	0.42%
V 292.402	34258.3	0.3024 mg/L	0.00065	0.3024 mg/L	0.00065	0.22%
Zn 206.200	20995.9	0.7578 mg/L	0.00153	0.7578 mg/L	0.00153	0.20%
Na 330.237	1997.6	1.8508 mg/L	0.11173	1.8508 mg/L	0.11173	6.04%
Cd 226.502	1377.7	0.0119 mg/L	0.00020	0.0119 mg/L	0.00020	1.70%
Ti 334.940	1393503.3	1.4089 mg/L	0.00498	1.4089 mg/L	0.00498	0.35%
Ca 227.546	7271.4	19.658 mg/L	0.0537	19.658 mg/L	0.0537	0.27%

Sequence No.: 47
Sample ID: F0936-12B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

50x Fe

Autosampler Location: 26
Date Collected: 8/4/2007 12:36:00 AM
Data Type: Reprocessed on 8/6/2007 8:18:17 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	509.4	-0.0270	mg/L	0.00015	-0.0270	mg/L	0.00015	0.54%
Al 308.215	2326383.6	62.566	mg/L	0.1651	62.566	mg/L	0.1651	0.26%
As 188.979	2.4	0.0045	mg/L	0.00036	0.0045	mg/L	0.00036	8.03%
Ba 233.527	35041.4	0.3241	mg/L	0.00087	0.3241	mg/L	0.00087	0.27%
Be 313.107	13656.8	0.0052	mg/L	0.00000	0.0052	mg/L	0.00000	0.02%
Co 228.616	2002.8	0.0692	mg/L	0.00003	0.0692	mg/L	0.00003	0.04%
Cr 267.716	6633.5	0.1190	mg/L	0.00104	0.1190	mg/L	0.00104	0.87%
Cu 324.752	371424.7	1.1312	mg/L	0.00372	1.1312	mg/L	0.00372	0.33%
Fe 273.955	5412465.2	140.40	mg/L	0.191	140.40	mg/L	0.191	0.14%
Mg 279.077	571702.1	20.375	mg/L	0.0269	20.375	mg/L	0.0269	0.13%
Mn 257.610	1827573.5	2.6243	mg/L	0.00158	2.6243	mg/L	0.00158	0.06%
Ni 231.604	4274.8	0.1857	mg/L	0.00086	0.1857	mg/L	0.00086	0.46%
Pb 220.353	27029.3	4.8155	mg/L	0.02771	4.8155	mg/L	0.02771	0.58%
Sb 206.836	-17.2	-0.0111	mg/L	0.00101	-0.0111	mg/L	0.00101	9.12%
Se 196.026	-16.3	0.0272	mg/L	0.00566	0.0272	mg/L	0.00566	20.79%
Tl 190.801	-14.7	0.0268	mg/L	0.00062	0.0268	mg/L	0.00062	2.31%
V 292.402	15706.4	0.1391	mg/L	0.00136	0.1391	mg/L	0.00136	0.98%
Zn 206.200	111098.2	4.0126	mg/L	0.02495	4.0126	mg/L	0.02495	0.62%
Na 330.237	7611.9	5.0511	mg/L	0.10157	5.0511	mg/L	0.10157	2.01%
Cd 226.502	1162.5	0.0142	mg/L	0.00010	0.0142	mg/L	0.00010	0.67%
Ti 334.940	23796.2	0.0246	mg/L	0.00202	0.0246	mg/L	0.00202	8.20%
Ca 227.546	13049.6	42.092	mg/L	0.0579	42.092	mg/L	0.0579	0.14%

Sequence No.: 48
Sample ID: F0936-12BDUP,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

50x Fe

Autosampler Location: 27
Date Collected: 8/4/2007 12:39:12 AM
Data Type: Reprocessed on 8/6/2007 8:18:17 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	499.2	-0.0266	mg/L	0.00007	-0.0266	mg/L	0.00007	0.27%
Al 308.215	2282025.4	61.373	mg/L	0.0038	61.373	mg/L	0.0038	0.01%
As 188.979	3.4	0.0055	mg/L	0.00084	0.0055	mg/L	0.00084	15.19%
Ba 233.527	35940.1	0.3324	mg/L	0.00100	0.3324	mg/L	0.00100	0.30%
Be 313.107	13658.4	0.0052	mg/L	0.00002	0.0052	mg/L	0.00002	0.30%
Co 228.616	1984.4	0.0687	mg/L	0.00005	0.0687	mg/L	0.00005	0.07%
Cr 267.716	6767.3	0.1215	mg/L	0.00064	0.1215	mg/L	0.00064	0.52%
Cu 324.752	366809.8	1.1172	mg/L	0.00064	1.1172	mg/L	0.00064	0.06%

Fe 273.955	5334588.7	138.38	mg/L	0.103	138.38	mg/L	0.103	0.07%
Mg 279.077	562225.4	20.037	mg/L	0.0146	20.037	mg/L	0.0146	0.07%
Mn 257.610	1797025.0	2.5804	mg/L	0.00203	2.5804	mg/L	0.00203	0.08%
Ni 231.604	4233.2	0.1839	mg/L	0.00050	0.1839	mg/L	0.00050	0.27%
Pb 220.353	26956.3	4.8024	mg/L	0.01515	4.8024	mg/L	0.01515	0.32%
Sb 206.836	-16.5	-0.0107	mg/L	0.00028	-0.0107	mg/L	0.00028	2.61%
Se 196.026	-10.9	0.0335	mg/L	0.00497	0.0335	mg/L	0.00497	14.84%
Tl 190.801	-11.9	0.0282	mg/L	0.00021	0.0282	mg/L	0.00021	0.74%
V 292.402	15324.7	0.1357	mg/L	0.00030	0.1357	mg/L	0.00030	0.22%
Zn 206.200	110493.9	3.9908	mg/L	0.01055	3.9908	mg/L	0.01055	0.26%
Na 330.237	7608.6	5.0435	mg/L	0.01283	5.0435	mg/L	0.01283	0.25%
Cd 226.502	1164.3	0.0143	mg/L	0.00008	0.0143	mg/L	0.00008	0.58%
Ti 334.940	6720.9	0.0073	mg/L	0.00002	0.0073	mg/L	0.00002	0.24%
Ca 227.546	12950.8	41.793	mg/L	0.0146	41.793	mg/L	0.0146	0.04%

Sequence No.: 49
Sample ID: F0936-12BMS,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution: 50x Fe

Autosampler Location: 28
Date Collected: 8/4/2007 12:42:24 AM
Data Type: Reprocessed on 8/6/2007 8:18:18 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BMS,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	768.4	-0.0124	mg/L	0.00015	-0.0124	mg/L	0.00015	1.19%
Al 308.215	2266691.2	60.962	mg/L	0.3375	60.962	mg/L	0.3375	0.55%
As 188.979	-0.7	0.0015	mg/L	0.00016	0.0015	mg/L	0.00016	10.92%
Ba 233.527	75996.3	0.7040	mg/L	0.00117	0.7040	mg/L	0.00117	0.17%
Be 313.107	16801.8	0.0064	mg/L	0.00004	0.0064	mg/L	0.00004	0.68%
Co 228.616	2384.9	0.0824	mg/L	0.00007	0.0824	mg/L	0.00007	0.08%
Cr 267.716	6702.6	0.1196	mg/L	0.00025	0.1196	mg/L	0.00025	0.21%
Cu 324.752	381284.3	1.1617	mg/L	0.00653	1.1617	mg/L	0.00653	0.56%
Fe 273.955	3621133.0	94.099	mg/L	0.4703	94.099	mg/L	0.4703	0.50%
Mg 279.077	566025.3	20.193	mg/L	0.1231	20.193	mg/L	0.1231	0.61%
Mn 257.610	1811663.8	2.6015	mg/L	0.01610	2.6015	mg/L	0.01610	0.62%
Ni 231.604	4760.3	0.2065	mg/L	0.00014	0.2065	mg/L	0.00014	0.07%
Pb 220.353	26862.0	4.7856	mg/L	0.02497	4.7856	mg/L	0.02497	0.52%
Sb 206.836	-9.6	-0.0072	mg/L	0.00441	-0.0072	mg/L	0.00441	61.33%
Se 196.026	-4.7	0.0250	mg/L	0.00558	0.0250	mg/L	0.00558	22.30%
Tl 190.801	-8.8	0.0184	mg/L	0.00073	0.0184	mg/L	0.00073	3.97%
V 292.402	-215.5	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	10.94%
Zn 206.200	111711.0	4.0348	mg/L	0.01759	4.0348	mg/L	0.01759	0.44%
Na 330.237	7650.0	5.0195	mg/L	0.03716	5.0195	mg/L	0.03716	0.74%
Cd 226.502	1127.2	0.0161	mg/L	0.00009	0.0161	mg/L	0.00009	0.53%
Ti 334.940	3383.6	0.0039	mg/L	0.00010	0.0039	mg/L	0.00010	2.60%
Ca 227.546	13147.2	43.418	mg/L	0.2260	43.418	mg/L	0.2260	0.52%

Sequence No.: 50
Sample ID: F0936-12BSD,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution: 250x Fe

Autosampler Location: 29
Date Collected: 8/4/2007 12:45:35 AM
Data Type: Reprocessed on 8/6/2007 8:18:18 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	103.8	-0.0058	mg/L	0.00017	-0.0058	mg/L	0.00017	2.98%
Al 308.215	450922.9	12.127	mg/L	0.0352	12.127	mg/L	0.0352	0.29%
As 188.979	1.5	0.0019	mg/L	0.00021	0.0019	mg/L	0.00021	10.64%
Ba 233.527	7278.3	0.0673	mg/L	0.00110	0.0673	mg/L	0.00110	1.63%
Be 313.107	2819.9	0.0011	mg/L	0.00000	0.0011	mg/L	0.00000	0.30%
Co 228.616	416.1	0.0144	mg/L	0.00012	0.0144	mg/L	0.00012	0.80%
Cr 267.716	1354.3	0.0243	mg/L	0.00016	0.0243	mg/L	0.00016	0.67%
Cu 324.752	72606.4	0.2211	mg/L	0.00211	0.2211	mg/L	0.00211	0.95%
Fe 273.955	1143116.2	29.646	mg/L	0.0823	29.646	mg/L	0.0823	0.28%

Mg 279.077	118850.0	4.2355	mg/L	0.03573	4.2355	mg/L	0.03573	0.84%
Mn 257.610	378932.5	0.5441	mg/L	0.00155	0.5441	mg/L	0.00155	0.28%
Ni 231.604	891.3	0.0387	mg/L	0.00038	0.0387	mg/L	0.00038	0.98%
Pb 220.353	5714.2	1.0180	mg/L	0.00439	1.0180	mg/L	0.00439	0.43%
Sb 206.836	-4.4	-0.0030	mg/L	0.00285	-0.0030	mg/L	0.00285	96.44%
Se 196.026	-2.4	0.0072	mg/L	0.00051	0.0072	mg/L	0.00051	7.19%
Tl 190.801	-5.6	0.0040	mg/L	0.00032	0.0040	mg/L	0.00032	8.00%
V 292.402	3178.1	0.0282	mg/L	0.00012	0.0282	mg/L	0.00012	0.43%
Zn 206.200	23776.8	0.8588	mg/L	0.00802	0.8588	mg/L	0.00802	0.93%
Na 330.237	1519.7	1.0105	mg/L	0.13000	1.0105	mg/L	0.13000	12.86%
Cd 226.502	243.1	0.0029	mg/L	0.00003	0.0029	mg/L	0.00003	0.98%
Ti 334.940	5480.2	0.0056	mg/L	0.00010	0.0056	mg/L	0.00010	1.81%
Ca 227.546	2582.7	8.2907	mg/L	0.02193	8.2907	mg/L	0.02193	0.26%

Sequence No.: 51
Sample ID: CRI
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/4/2007 12:48:44 AM
Data Type: Reprocessed on 8/6/2007 8:18:19 AM
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
Ag 328.068	1553.2	0.0102	mg/L	0.00006	0.0102	mg/L	0.00006	0.59%
Al 308.215	7285.7	0.1956	mg/L	0.00356	0.1956	mg/L	0.00356	1.82%
As 188.979	8.7	0.0096	mg/L	0.00016	0.0096	mg/L	0.00016	1.69%
Ba 233.527	23486.1	0.2178	mg/L	0.00090	0.2178	mg/L	0.00090	0.41%
Be 313.107	13224.3	0.0050	mg/L	0.00002	0.0050	mg/L	0.00002	0.43%
Co 228.616	1543.9	0.0522	mg/L	0.00014	0.0522	mg/L	0.00014	0.26%
Cr 267.716	544.5	0.0099	mg/L	0.00013	0.0099	mg/L	0.00013	1.35%
Cu 324.752	8271.6	0.0253	mg/L	0.00013	0.0253	mg/L	0.00013	0.53%
Fe 273.955	4686.2	0.1466	mg/L	0.00324	0.1466	mg/L	0.00324	2.21%
Mg 279.077	144271.5	5.1501	mg/L	0.01550	5.1501	mg/L	0.01550	0.30%
Mn 257.610	11287.6	0.0162	mg/L	0.00005	0.0162	mg/L	0.00005	0.28%
Ni 231.604	977.7	0.0420	mg/L	0.00021	0.0420	mg/L	0.00021	0.49%
Pb 220.353	68.5	0.0123	mg/L	0.00105	0.0123	mg/L	0.00105	8.55%
Sb 206.836	77.3	0.0650	mg/L	0.00018	0.0650	mg/L	0.00018	0.27%
Se 196.026	30.3	0.0388	mg/L	0.00065	0.0388	mg/L	0.00065	1.67%
Tl 190.801	32.1	0.0226	mg/L	0.00150	0.0226	mg/L	0.00150	6.62%
V 292.402	5765.6	0.0501	mg/L	0.00066	0.0501	mg/L	0.00066	1.32%
Zn 206.200	1927.6	0.0697	mg/L	0.00014	0.0697	mg/L	0.00014	0.20%
Na 330.237	5746.7	3.7512	mg/L	0.01620	3.7512	mg/L	0.01620	0.43%
Cd 226.502	283.6	0.0053	mg/L	0.00003	0.0053	mg/L	0.00003	0.55%
Ti 334.940	-54.0	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	>999.9%
Ca 227.546	1399.4	4.8288	mg/L	0.03549	4.8288	mg/L	0.03549	0.73%

Sequence No.: 52
Sample ID: ICSA
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/4/2007 12:51:48 AM
Data Type: Reprocessed on 8/6/2007 8:18:19 AM
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
Ag 328.068	-229.6	-0.0023	mg/L	0.00053	-0.0023	mg/L	0.00053	22.64%
Al 308.215	16276473.3	437.75	mg/L	3.291	437.75	mg/L	3.291	0.75%
As 188.979	-14.7	-0.0059	mg/L	0.00224	-0.0059	mg/L	0.00224	38.10%
Ba 233.527	294.6	0.0016	mg/L	0.00002	0.0016	mg/L	0.00002	1.55%
Be 313.107	87.7	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	66.09%
Co 228.616	99.7	0.0333	mg/L	0.00025	0.0333	mg/L	0.00025	0.75%
Cr 267.716	-135.0	-0.0075	mg/L	0.00031	-0.0075	mg/L	0.00031	4.19%
Cu 324.752	-5378.8	-0.0037	mg/L	0.00010	-0.0037	mg/L	0.00010	2.78%
Fe 273.955	6241113.9	165.82	mg/L	1.300	165.82	mg/L	1.300	0.78%
Mg 279.077	11804916.9	421.32	mg/L	3.317	421.32	mg/L	3.317	0.79%

Mn 257.610	1516.9	0.0022 mg/L	0.00001	0.0022 mg/L	0.00001	0.30%
Saturated outside survey window (code 6)						
Ni 231.604	43.0	0.0234 mg/L	0.00053	0.0234 mg/L	0.00053	2.25%
Pb 220.353	-161.8	0.0029 mg/L	0.00040	0.0029 mg/L	0.00040	13.79%
Sb 206.836	-8.6	0.0065 mg/L	0.00279	0.0065 mg/L	0.00279	42.91%
Se 196.026	-25.2	0.0043 mg/L	0.00554	0.0043 mg/L	0.00554	130.32%
Tl 190.801	-14.9	0.0075 mg/L	0.00012	0.0075 mg/L	0.00012	1.65%
V 292.402	-557.1	-0.0021 mg/L	0.00012	-0.0021 mg/L	0.00012	5.83%
Zn 206.200	378.3	0.0086 mg/L	0.00031	0.0086 mg/L	0.00031	3.60%
Na 330.237	738.0	-0.3014 mg/L	0.03512	-0.3014 mg/L	0.03512	11.65%
Cd 226.502	509.4	0.0007 mg/L	0.00029	0.0007 mg/L	0.00029	43.46%
Ti 334.940	-5513.3	0.0001 mg/L	0.00004	0.0001 mg/L	0.00004	34.59%
Ca 227.546	137684.1	472.20 mg/L	0.276	472.20 mg/L	0.276	0.06%

Sequence No.: 53
Sample ID: ICSAB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/4/2007 12:55:03 AM
Data Type: Reprocessed on 8/6/2007 8:18:20 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	28118.8	0.1844	mg/L	0.00072	0.1844	mg/L	0.00072	0.39%
Al 308.215	16306374.4	438.55	mg/L	1.193	438.55	mg/L	1.193	0.27%
As 188.979	66.7	0.0880	mg/L	0.00107	0.0880	mg/L	0.00107	1.21%
Ba 233.527	50969.6	0.4720	mg/L	0.00164	0.4720	mg/L	0.00164	0.35%
Be 313.107	1135983.6	0.4298	mg/L	0.00073	0.4298	mg/L	0.00073	0.17%
Co 228.616	11998.0	0.4333	mg/L	0.00088	0.4333	mg/L	0.00088	0.20%
Cr 267.716	23406.8	0.4203	mg/L	0.00239	0.4203	mg/L	0.00239	0.57%
Cu 324.752	147118.4	0.4609	mg/L	0.00108	0.4609	mg/L	0.00108	0.23%
Fe 273.955	6284638.4	166.98	mg/L	0.292	166.98	mg/L	0.292	0.18%
Mg 279.077	11872736.2	423.74	mg/L	0.666	423.74	mg/L	0.666	0.16%
Mn 257.610	310543.9	0.4460	mg/L	0.00022	0.4460	mg/L	0.00022	0.05%
Ni 231.604	18340.6	0.8078	mg/L	0.00310	0.8078	mg/L	0.00310	0.38%
Pb 220.353	77.9	0.0456	mg/L	0.00159	0.0456	mg/L	0.00159	3.49%
Sb 206.836	692.0	0.5835	mg/L	0.00570	0.5835	mg/L	0.00570	0.98%
Se 196.026	11.4	0.0515	mg/L	0.00352	0.0515	mg/L	0.00352	6.84%
Tl 190.801	93.1	0.0837	mg/L	0.00291	0.0837	mg/L	0.00291	3.48%
V 292.402	49820.7	0.4362	mg/L	0.00185	0.4362	mg/L	0.00185	0.43%
Zn 206.200	23253.7	0.8371	mg/L	0.00066	0.8371	mg/L	0.00066	0.08%
Na 330.237	1649.7	0.2786	mg/L	0.15865	0.2786	mg/L	0.15865	56.95%
Cd 226.502	44875.7	0.8326	mg/L	0.00253	0.8326	mg/L	0.00253	0.30%
Ti 334.940	-5489.7	0.0002	mg/L	0.00012	0.0002	mg/L	0.00012	73.26%
Ca 227.546	139554.1	478.59	mg/L	0.640	478.59	mg/L	0.640	0.13%

Sequence No.: 54
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/4/2007 12:58:16 AM
Data Type: Reprocessed on 8/6/2007 8:18:20 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	178568.1	1.1781	mg/L	0.00782	1.1781	mg/L	0.00782	0.66%
Al 308.215	359456.9	9.6477	mg/L	0.03362	9.6477	mg/L	0.03362	0.35%
As 188.979	462.0	0.5117	mg/L	0.00247	0.5117	mg/L	0.00247	0.48%
Ba 233.527	1137200.9	10.547	mg/L	0.0475	10.547	mg/L	0.0475	0.45%
Be 313.107	668364.1	0.2529	mg/L	0.00176	0.2529	mg/L	0.00176	0.69%
Co 228.616	75715.3	2.5448	mg/L	0.00047	2.5448	mg/L	0.00047	0.02%
Cr 267.716	55584.0	1.0095	mg/L	0.01003	1.0095	mg/L	0.01003	0.99%
Cu 324.752	407069.7	1.2406	mg/L	0.00893	1.2406	mg/L	0.00893	0.72%
Fe 273.955	197070.6	5.2683	mg/L	0.02303	5.2683	mg/L	0.02303	0.44%
Mg 279.077	714978.8	25.552	mg/L	0.1050	25.552	mg/L	0.1050	0.41%

Mn 257.610	1782822.0	2.5601 mg/L	0.01167	2.5601 mg/L	0.01167	0.46%
Ni 231.604	59328.2	2.5435 mg/L	0.01834	2.5435 mg/L	0.01834	0.72%
Pb 220.353	2854.0	0.5087 mg/L	0.00180	0.5087 mg/L	0.00180	0.35%
Sb 206.836	596.3	0.4732 mg/L	0.00177	0.4732 mg/L	0.00177	0.37%
Se 196.026	393.7	0.5075 mg/L	0.00616	0.5075 mg/L	0.00616	1.21%
Tl 190.801	722.3	0.5091 mg/L	0.00058	0.5091 mg/L	0.00058	0.11%
V 292.402	291794.1	2.5363 mg/L	0.02178	2.5363 mg/L	0.02178	0.86%
Zn 206.200	71700.9	2.5952 mg/L	0.00346	2.5952 mg/L	0.00346	0.13%
Na 330.237	35877.9	23.418 mg/L	0.0800	23.418 mg/L	0.0800	0.34%
Cd 226.502	13305.8	0.2503 mg/L	0.00201	0.2503 mg/L	0.00201	0.80%
Ti 334.940	480.7	0.0007 mg/L	0.00005	0.0007 mg/L	0.00005	7.63%
Ca 227.546	7301.9	24.953 mg/L	0.0514	24.953 mg/L	0.0514	0.21%

Sequence No.: 55
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/4/2007 1:01:28 AM
Data Type: Reprocessed on 8/6/2007 8:18:21 AM

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
Ag 328.068	56.7	0.0004	mg/L	0.00035	0.0004	mg/L	0.00035	90.95%
Al 308.215	916.1	0.0246	mg/L	0.02311	0.0246	mg/L	0.02311	93.83%
As 188.979	-0.6	-0.0006	mg/L	0.00015	-0.0006	mg/L	0.00015	24.13%
Ba 233.527	117.1	0.0011	mg/L	0.00007	0.0011	mg/L	0.00007	6.47%
Be 313.107	215.1	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	30.28%
Co 228.616	6.9	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002	7.76%
Cr 267.716	2.9	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	20.41%
Cu 324.752	171.1	0.0005	mg/L	0.00036	0.0005	mg/L	0.00036	68.76%
Fe 273.955	621.2	0.0166	mg/L	0.00477	0.0166	mg/L	0.00477	28.83%
Mg 279.077	837.0	0.0299	mg/L	0.02813	0.0299	mg/L	0.02813	94.17%
Mn 257.610	277.3	0.0004	mg/L	0.00005	0.0004	mg/L	0.00005	12.12%
Ni 231.604	9.3	0.0004	mg/L	0.00029	0.0004	mg/L	0.00029	71.36%
Pb 220.353	1.9	0.0003	mg/L	0.00041	0.0003	mg/L	0.00041	116.52%
Sb 206.836	1.3	0.0011	mg/L	0.00121	0.0011	mg/L	0.00121	112.84%
Se 196.026	5.0	0.0065	mg/L	0.00310	0.0065	mg/L	0.00310	48.05%
Tl 190.801	-4.4	-0.0031	mg/L	0.00270	-0.0031	mg/L	0.00270	87.81%
V 292.402	38.9	0.0003	mg/L	0.00012	0.0003	mg/L	0.00012	35.12%
Zn 206.200	75.4	0.0027	mg/L	0.00002	0.0027	mg/L	0.00002	0.92%
Na 330.237	44.7	0.0291	mg/L	0.03079	0.0291	mg/L	0.03079	105.68%
Cd 226.502	6.5	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	17.26%
Ti 334.940	65.6	0.0001	mg/L	0.00013	0.0001	mg/L	0.00013	190.29%
Ca 227.546	24.9	0.0855	mg/L	0.01945	0.0855	mg/L	0.01945	22.75%

Sequence No.: 56
Sample ID: MB-31385,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 122
Date Collected: 8/4/2007 1:04:34 AM
Data Type: Reprocessed on 8/6/2007 8:18:21 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	49.1	0.0003	mg/L	0.00002	0.0003	mg/L	0.00002	5.42%
Al 308.215	309.3	0.0083	mg/L	0.00263	0.0083	mg/L	0.00263	31.61%
As 188.979	-1.9	-0.0020	mg/L	0.00079	-0.0020	mg/L	0.00079	38.84%
Ba 233.527	29.7	0.0003	mg/L	0.00005	0.0003	mg/L	0.00005	19.00%
Be 313.107	-7.5	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	21.51%
Co 228.616	3.9	0.0001	mg/L	0.00009	0.0001	mg/L	0.00009	64.61%
Cr 267.716	1.2	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	163.33%
Cu 324.752	399.1	0.0012	mg/L	0.00016	0.0012	mg/L	0.00016	13.53%
Fe 273.955	621.1	0.0166	mg/L	0.00088	0.0166	mg/L	0.00088	5.31%
Mg 279.077	48.4	0.0017	mg/L	0.00051	0.0017	mg/L	0.00051	29.51%
Mn 257.610	520.0	0.0007	mg/L	0.00001	0.0007	mg/L	0.00001	0.73%

Ni 231.604	6.2	0.0003 mg/L	0.00015	0.0003 mg/L	0.00015	57.82%
Pb 220.353	5.4	0.0010 mg/L	0.00009	0.0010 mg/L	0.00009	9.10%
Sb 206.836	1.7	0.0014 mg/L	0.00165	0.0014 mg/L	0.00165	114.77%
Se 196.026	0.9	0.0011 mg/L	0.00054	0.0011 mg/L	0.00054	47.13%
Tl 190.801	-3.7	-0.0026 mg/L	0.00069	-0.0026 mg/L	0.00069	26.55%
V 292.402	-16.4	-0.0001 mg/L	0.00010	-0.0001 mg/L	0.00010	70.02%
Zn 206.200	176.1	0.0064 mg/L	0.00074	0.0064 mg/L	0.00074	11.68%
Na 330.237	-27.0	-0.0179 mg/L	0.10762	-0.0179 mg/L	0.10762	602.67%
Cd 226.502	-1.6	0.0000 mg/L	0.00007	0.0000 mg/L	0.00007	237.60%
Ti 334.940	66.2	0.0001 mg/L	0.00006	0.0001 mg/L	0.00006	85.75%
Ca 227.546	33.7	0.1160 mg/L	0.03381	0.1160 mg/L	0.03381	29.15%

Sequence No.: 57
Sample ID: LCS-31385,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 123
Date Collected: 8/4/2007 1:07:42 AM
Data Type: Reprocessed on 8/6/2007 8:18:22 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	174277.2	1.1500	mg/L	0.00860	1.1500	mg/L	0.00860	0.75%
Al 308.215	347402.5	9.3241	mg/L	0.02902	9.3241	mg/L	0.02902	0.31%
As 188.979	454.1	0.5027	mg/L	0.00159	0.5027	mg/L	0.00159	0.32%
Ba 233.527	1067641.4	9.9021	mg/L	0.02783	9.9021	mg/L	0.02783	0.28%
Be 313.107	658627.6	0.2493	mg/L	0.00005	0.2493	mg/L	0.00005	0.02%
Co 228.616	72918.2	2.4508	mg/L	0.00369	2.4508	mg/L	0.00369	0.15%
Cr 267.716	53709.6	0.9755	mg/L	0.00276	0.9755	mg/L	0.00276	0.28%
Cu 324.752	400389.3	1.2203	mg/L	0.00316	1.2203	mg/L	0.00316	0.26%
Fe 273.955	188558.7	5.0431	mg/L	0.01193	5.0431	mg/L	0.01193	0.24%
Mg 279.077	690295.4	24.670	mg/L	0.0589	24.670	mg/L	0.0589	0.24%
Mn 257.610	1721914.0	2.4727	mg/L	0.01063	2.4727	mg/L	0.01063	0.43%
Ni 231.604	57547.0	2.4671	mg/L	0.00861	2.4671	mg/L	0.00861	0.35%
Pb 220.353	2785.6	0.4965	mg/L	0.00205	0.4965	mg/L	0.00205	0.41%
Sb 206.836	638.0	0.5093	mg/L	0.00139	0.5093	mg/L	0.00139	0.27%
Se 196.026	385.4	0.4969	mg/L	0.00316	0.4969	mg/L	0.00316	0.64%
Tl 190.801	702.0	0.4948	mg/L	0.00345	0.4948	mg/L	0.00345	0.70%
V 292.402	282401.3	2.4546	mg/L	0.00137	2.4546	mg/L	0.00137	0.06%
Zn 206.200	68553.9	2.4814	mg/L	0.00516	2.4814	mg/L	0.00516	0.21%
Na 330.237	34246.8	22.352	mg/L	0.1464	22.352	mg/L	0.1464	0.65%
Cd 226.502	13247.9	0.2492	mg/L	0.00034	0.2492	mg/L	0.00034	0.14%
Ti 334.940	-18.9	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	7.23%
Ca 227.546	7108.9	24.296	mg/L	0.0446	24.296	mg/L	0.0446	0.18%

Sequence No.: 58
Sample ID: F0936-04B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 124
Date Collected: 8/4/2007 1:10:56 AM
Data Type: Reprocessed on 8/6/2007 8:18:22 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-04B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	5210.1	-0.2089	mg/L	0.00018	-0.2089	mg/L	0.00018	0.09%
Al 308.215	14534898.2	390.90	mg/L	0.862	390.90	mg/L	0.862	0.22%
As 188.979	599.2	0.6828	mg/L	0.05381	0.6828	mg/L	0.05381	7.88%
Ba 233.527	2972483.7	27.553	mg/L	0.0746	27.553	mg/L	0.0746	0.27%
Be 313.107	62542.8	0.0296	mg/L	0.00018	0.0296	mg/L	0.00018	0.62%
Co 228.616	14904.8	0.5351	mg/L	0.00502	0.5351	mg/L	0.00502	0.94%
Cr 267.716	119809.8	2.1647	mg/L	0.01268	2.1647	mg/L	0.01268	0.59%
Cu 324.752	6595901.3	20.100	mg/L	0.0865	20.100	mg/L	0.0865	0.43%
Fe 273.955	49528275.1	1285.4	mg/L	1.04	1285.4	mg/L	1.04	0.08%
Mg 279.077	2521400.4	89.720	mg/L	0.3926	89.720	mg/L	0.3926	0.44%
Mn 257.610	17604965.7	25.280	mg/L	0.0368	25.280	mg/L	0.0368	0.15%
Ni 231.604	54357.5	2.3552	mg/L	0.02092	2.3552	mg/L	0.02092	0.89%

Pb 220.353	395434.4	70.420 mg/L	0.4645	70.420 mg/L	0.4645	0.66%
Sb 206.836	-190.6	-0.1502 mg/L	0.00373	-0.1502 mg/L	0.00373	2.48%
Se 196.026	-338.5	-0.0269 mg/L	0.00056	-0.0269 mg/L	0.00056	2.08%
Tl 190.801	-204.2	0.2091 mg/L	0.00387	0.2091 mg/L	0.00387	1.85%
V 292.402	134911.6	1.1967 mg/L	0.00839	1.1967 mg/L	0.00839	0.70%
Zn 206.200	2019060.9	72.934 mg/L	0.2677	72.934 mg/L	0.2677	0.37%
Na 330.237	173363.2	113.98 mg/L	0.175	113.98 mg/L	0.175	0.15%
Cd 226.502	31543.7	0.5219 mg/L	0.00097	0.5219 mg/L	0.00097	0.19%
Ti 334.940	3247105.0	3.2917 mg/L	0.01873	3.2917 mg/L	0.01873	0.57%
Ca 227.546	232581.8	776.09 mg/L	4.433	776.09 mg/L	4.433	0.57%

Sequence No.: 59
Sample ID: F0936-07B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 125
Date Collected: 8/4/2007 1:14:05 AM
Data Type: Reprocessed on 8/6/2007 8:18:23 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-07B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	536274.7	3.5600	mg/L	0.00354	3.5600	mg/L	0.00354	0.10%
Al 308.215	11870036.4	319.23	mg/L	2.076	319.23	mg/L	2.076	0.65%
As 188.979	720.8	0.8010	mg/L	0.00222	0.8010	mg/L	0.00222	0.28%
Ba 233.527	4168126.5	38.643	mg/L	0.2404	38.643	mg/L	0.2404	0.62%
Be 313.107	57131.5	0.0298	mg/L	0.00007	0.0298	mg/L	0.00007	0.23%
Co 228.616	6246.3	0.2394	mg/L	0.00062	0.2394	mg/L	0.00062	0.26%
Cr 267.716	51012.5	0.9207	mg/L	0.00035	0.9207	mg/L	0.00035	0.04%
Cu 324.752	5329556.0	16.248	mg/L	0.1042	16.248	mg/L	0.1042	0.64%
Fe 273.955	19818971.2	516.75	mg/L	3.224	516.75	mg/L	3.224	0.62%
Mg 279.077	2412895.7	85.999	mg/L	0.0232	85.999	mg/L	0.0232	0.03%
Mn 257.610	5957316.3	8.5545	mg/L	0.04770	8.5545	mg/L	0.04770	0.56%
Ni 231.604	16796.4	0.7404	mg/L	0.00287	0.7404	mg/L	0.00287	0.39%
Pb 220.353	166236.2	29.614	mg/L	0.0082	29.614	mg/L	0.0082	0.03%
Sb 206.836	-1.6	0.0121	mg/L	0.00362	0.0121	mg/L	0.00362	29.83%
Se 196.026	-67.1	0.0581	mg/L	0.00338	0.0581	mg/L	0.00338	5.81%
Tl 190.801	-40.1	0.0985	mg/L	0.00181	0.0985	mg/L	0.00181	1.84%
V 292.402	89055.0	0.7821	mg/L	0.00253	0.7821	mg/L	0.00253	0.32%
Zn 206.200	651823.6	23.542	mg/L	0.0370	23.542	mg/L	0.0370	0.16%
Na 330.237	203415.0	133.26	mg/L	0.248	133.26	mg/L	0.248	0.19%
Cd 226.502	5053.8	0.0669	mg/L	0.00041	0.0669	mg/L	0.00041	0.61%
Ti 334.940	4463568.1	4.5203	mg/L	0.02301	4.5203	mg/L	0.02301	0.51%
Ca 227.546	204641.1	695.98	mg/L	1.723	695.98	mg/L	1.723	0.25%

Sequence No.: 60
Sample ID: F0936-08B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 126
Date Collected: 8/4/2007 1:17:26 AM
Data Type: Reprocessed on 8/6/2007 8:18:23 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-08B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	469693.3	3.1233	mg/L	0.01884	3.1233	mg/L	0.01884	0.60%
Al 308.215	8422731.2	226.52	mg/L	1.032	226.52	mg/L	1.032	0.46%
As 188.979	508.6	0.5660	mg/L	0.00399	0.5660	mg/L	0.00399	0.70%
Ba 233.527	3116434.0	28.893	mg/L	0.1448	28.893	mg/L	0.1448	0.50%
Be 313.107	39336.6	0.0215	mg/L	0.00005	0.0215	mg/L	0.00005	0.24%
Co 228.616	4749.8	0.1806	mg/L	0.00053	0.1806	mg/L	0.00053	0.29%
Cr 267.716	38388.9	0.6929	mg/L	0.00306	0.6929	mg/L	0.00306	0.44%
Cu 324.752	3664114.4	11.172	mg/L	0.0687	11.172	mg/L	0.0687	0.62%
Fe 273.955	15412855.5	401.66	mg/L	1.503	401.66	mg/L	1.503	0.37%
Mg 279.077	1925799.0	68.642	mg/L	0.3505	68.642	mg/L	0.3505	0.51%
Mn 257.610	4704589.4	6.7556	mg/L	0.02335	6.7556	mg/L	0.02335	0.35%
Ni 231.604	12571.9	0.5537	mg/L	0.00063	0.5537	mg/L	0.00063	0.11%
Pb 220.353	123980.3	22.086	mg/L	0.1370	22.086	mg/L	0.1370	0.62%

Sb 206.836	44.2	0.0484 mg/L	0.00493	0.0484 mg/L	0.00493	10.19%
Se 196.026	-46.8	0.0528 mg/L	0.00273	0.0528 mg/L	0.00273	5.18%
Tl 190.801	-30.4	0.0790 mg/L	0.00335	0.0790 mg/L	0.00335	4.24%
V 292.402	65563.5	0.5763 mg/L	0.00163	0.5763 mg/L	0.00163	0.28%
Zn 206.200	475520.7	17.175 mg/L	0.0942	17.175 mg/L	0.0942	0.55%
Na 330.237	145120.5	95.157 mg/L	0.5592	95.157 mg/L	0.5592	0.59%
Cd 226.502	3561.7	0.0451 mg/L	0.00016	0.0451 mg/L	0.00016	0.36%
Ti 334.940	3586935.1	3.6320 mg/L	0.01239	3.6320 mg/L	0.01239	0.34%
Ca 227.546	151975.8	516.49 mg/L	3.178	516.49 mg/L	3.178	0.62%

Sequence No.: 61
Sample ID: F0936-15B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 127
Date Collected: 8/4/2007 1:20:47 AM
Data Type: Reprocessed on 8/6/2007 8:18:23 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-15B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	188.3	0.0023	mg/L	0.00003	0.0023	mg/L	0.00003	1.42%
Al 308.215	262128.8	7.0497	mg/L	0.02604	7.0497	mg/L	0.02604	0.37%
As 188.979	5.7	0.0076	mg/L	0.00021	0.0076	mg/L	0.00021	2.74%
Ba 233.527	58353.0	0.5408	mg/L	0.00264	0.5408	mg/L	0.00264	0.49%
Be 313.107	762.7	0.0004	mg/L	0.00002	0.0004	mg/L	0.00002	4.54%
Co 228.616	346.9	0.0185	mg/L	0.00015	0.0185	mg/L	0.00015	0.82%
Cr 267.716	838.1	0.0139	mg/L	0.00018	0.0139	mg/L	0.00018	1.32%
Cu 324.752	19096.6	0.0612	mg/L	0.00006	0.0612	mg/L	0.00006	0.11%
Fe 273.955	1376717.4	36.099	mg/L	0.1534	36.099	mg/L	0.1534	0.42%
Mg 279.077	870867.5	31.091	mg/L	0.0988	31.091	mg/L	0.0988	0.32%
Mn 257.610	1243515.5	1.7856	mg/L	0.00676	1.7856	mg/L	0.00676	0.38%
Ni 231.604	1094.5	0.0498	mg/L	0.00005	0.0498	mg/L	0.00005	0.10%
Pb 220.353	1866.0	0.3333	mg/L	0.00233	0.3333	mg/L	0.00233	0.70%
Sb 206.836	-2.8	0.0021	mg/L	0.00015	0.0021	mg/L	0.00015	7.03%
Se 196.026	12.1	0.0191	mg/L	0.00167	0.0191	mg/L	0.00167	8.78%
Tl 190.801	-7.4	0.0068	mg/L	0.00005	0.0068	mg/L	0.00005	0.79%
V 292.402	2162.4	0.0195	mg/L	0.00004	0.0195	mg/L	0.00004	0.18%
Zn 206.200	8818.8	0.3187	mg/L	0.00412	0.3187	mg/L	0.00412	1.29%
Na 330.237	45004.7	29.283	mg/L	0.2227	29.283	mg/L	0.2227	0.76%
Cd 226.502	139.2	0.0007	mg/L	0.00008	0.0007	mg/L	0.00008	12.36%
Ti 334.940	69578.1	0.0717	mg/L	0.00143	0.0717	mg/L	0.00143	2.00%
Ca 227.546	32567.5	111.76	mg/L	0.771	111.76	mg/L	0.771	0.69%

Sequence No.: 62
Sample ID: F0936-17B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 128
Date Collected: 8/4/2007 1:24:00 AM
Data Type: Reprocessed on 8/6/2007 8:18:24 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-17B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	22.4	-0.0987	mg/L	0.00008	-0.0987	mg/L	0.00008	0.08%
Al 308.215	9460768.9	254.44	mg/L	1.119	254.44	mg/L	1.119	0.44%
As 188.979	124.5	0.1414	mg/L	0.00233	0.1414	mg/L	0.00233	1.65%
Ba 233.527	648671.3	6.0113	mg/L	0.00870	6.0113	mg/L	0.00870	0.14%
Be 313.107	34191.5	0.0148	mg/L	0.00008	0.0148	mg/L	0.00008	0.53%
Co 228.616	10394.0	0.3583	mg/L	0.00029	0.3583	mg/L	0.00029	0.08%
Cr 267.716	22751.1	0.3987	mg/L	0.00192	0.3987	mg/L	0.00192	0.48%
Cu 324.752	321184.1	0.9803	mg/L	0.00108	0.9803	mg/L	0.00108	0.11%
Fe 273.955	19342393.7	502.23	mg/L	2.065	502.23	mg/L	2.065	0.41%
Mg 279.077	2586421.2	92.318	mg/L	0.1298	92.318	mg/L	0.1298	0.14%
Mn 257.610	13024265.0	18.702	mg/L	0.1074	18.702	mg/L	0.1074	0.57%
Ni 231.604	14044.7	0.6131	mg/L	0.00050	0.6131	mg/L	0.00050	0.08%
Pb 220.353	2646.8	0.4847	mg/L	0.00177	0.4847	mg/L	0.00177	0.36%
Sb 206.836	-64.2	-0.0381	mg/L	0.00168	-0.0381	mg/L	0.00168	4.40%

Se 196.026	-81.0	0.0541 mg/L	0.00759	0.0541 mg/L	0.00759	14.03%
Tl 190.801	-25.0	0.1239 mg/L	0.00153	0.1239 mg/L	0.00153	1.24%
V 292.402	43833.6	0.3911 mg/L	0.00195	0.3911 mg/L	0.00195	0.50%
Zn 206.200	57371.8	2.0715 mg/L	0.01540	2.0715 mg/L	0.01540	0.74%
Na 330.237	12791.8	8.6778 mg/L	0.11209	8.6778 mg/L	0.11209	1.29%
Cd 226.502	2226.2	0.0145 mg/L	0.00002	0.0145 mg/L	0.00002	0.13%
Ti 334.940	1019364.4	1.0332 mg/L	0.00251	1.0332 mg/L	0.00251	0.24%
Ca 227.546	68163.3	224.85 mg/L	0.009	224.85 mg/L	0.009	0.00%

Sequence No.: 63
Sample ID: ACID BLK
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 30
Date Collected: 8/4/2007 1:27:23 AM
Data Type: Reprocessed on 8/6/2007 8:18:24 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACID BLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	77.6	0.0005	mg/L	0.00009	0.0005	mg/L	0.00009	17.99%
Al 308.215	1848.3	0.0497	mg/L	0.00119	0.0497	mg/L	0.00119	2.39%
As 188.979	1.5	0.0017	mg/L	0.00235	0.0017	mg/L	0.00235	142.37%
Ba 233.527	243.4	0.0023	mg/L	0.00022	0.0023	mg/L	0.00022	9.57%
Be 313.107	91.1	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	64.07%
Co 228.616	1.8	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	25.70%
Cr 267.716	11.1	0.0002	mg/L	0.00008	0.0002	mg/L	0.00008	41.46%
Cu 324.752	1517.6	0.0046	mg/L	0.00020	0.0046	mg/L	0.00020	4.24%
Fe 273.955	6224.1	0.1617	mg/L	0.00908	0.1617	mg/L	0.00908	5.61%
Mg 279.077	645.4	0.0230	mg/L	0.00008	0.0230	mg/L	0.00008	0.37%
Mn 257.610	3013.8	0.0043	mg/L	0.00017	0.0043	mg/L	0.00017	3.89%
Ni 231.604	7.6	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	31.10%
Pb 220.353	60.2	0.0107	mg/L	0.00013	0.0107	mg/L	0.00013	1.20%
Sb 206.836	-1.9	-0.0016	mg/L	0.00243	-0.0016	mg/L	0.00243	152.93%
Se 196.026	4.0	0.0052	mg/L	0.00380	0.0052	mg/L	0.00380	72.37%
Tl 190.801	-3.9	-0.0027	mg/L	0.00065	-0.0027	mg/L	0.00065	24.24%
V 292.402	3.5	0.0000	mg/L	0.00020	0.0000	mg/L	0.00020	598.35%
Zn 206.200	480.9	0.0174	mg/L	0.00118	0.0174	mg/L	0.00118	6.77%
Na 330.237	242.2	0.1585	mg/L	0.08092	0.1585	mg/L	0.08092	51.05%
Cd 226.502	1.9	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	103.17%
Ti 334.940	373.2	0.0004	mg/L	0.00005	0.0004	mg/L	0.00005	12.53%
Ca 227.546	41.0	0.1383	mg/L	0.04200	0.1383	mg/L	0.04200	30.36%

Sequence No.: 64
Sample ID: ACID BLK
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 30
Date Collected: 8/4/2007 1:30:28 AM
Data Type: Reprocessed on 8/6/2007 8:18:25 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACID BLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	10.1	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	85.21%
Al 308.215	1036.5	0.0279	mg/L	0.00171	0.0279	mg/L	0.00171	6.12%
As 188.979	1.3	0.0014	mg/L	0.00326	0.0014	mg/L	0.00326	231.34%
Ba 233.527	158.0	0.0015	mg/L	0.00013	0.0015	mg/L	0.00013	8.57%
Be 313.107	65.6	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	40.26%
Co 228.616	2.9	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	53.82%
Cr 267.716	12.0	0.0002	mg/L	0.00012	0.0002	mg/L	0.00012	57.51%
Cu 324.752	1218.8	0.0037	mg/L	0.00001	0.0037	mg/L	0.00001	0.34%
Fe 273.955	3517.8	0.0914	mg/L	0.00599	0.0914	mg/L	0.00599	6.56%
Mg 279.077	256.6	0.0091	mg/L	0.00250	0.0091	mg/L	0.00250	27.38%
Mn 257.610	1630.5	0.0023	mg/L	0.00012	0.0023	mg/L	0.00012	5.28%
Ni 231.604	1.0	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	158.57%
Pb 220.353	45.1	0.0080	mg/L	0.00019	0.0080	mg/L	0.00019	2.36%
Sb 206.836	-1.9	-0.0016	mg/L	0.00176	-0.0016	mg/L	0.00176	108.29%
Se 196.026	0.7	0.0009	mg/L	0.00121	0.0009	mg/L	0.00121	132.13%

8/6/07

Tl 190.801	-1.7	-0.0012 mg/L	0.00012	-0.0012 mg/L	0.00012	10.16%
V 292.402	2.7	0.0000 mg/L	0.00009	0.0000 mg/L	0.00009	370.43%
Zn 206.200	348.9	0.0126 mg/L	0.00055	0.0126 mg/L	0.00055	4.33%
Na 330.237	283.5	0.1855 mg/L	0.08104	0.1855 mg/L	0.08104	43.68%
Cd 226.502	-0.9	0.0000 mg/L	0.00001	0.0000 mg/L	0.00001	48.45%
Ti 334.940	158.3	0.0002 mg/L	0.00002	0.0002 mg/L	0.00002	15.38%
Ca 227.546	20.8	0.0698 mg/L	0.04455	0.0698 mg/L	0.04455	63.81%

Sequence No.: 65
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/4/2007 1:33:32 AM
Data Type: Reprocessed on 8/6/2007 8:18:25 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	182257.4	1.2030	mg/L	0.00427	1.2030	mg/L	0.00427	0.36%
Al 308.215	367657.3	9.8682	mg/L	0.05151	9.8682	mg/L	0.05151	0.52%
As 188.979	463.2	0.5132	mg/L	0.00051	0.5132	mg/L	0.00051	0.10%
Ba 233.527	1145532.9	10.624	mg/L	0.0488	10.624	mg/L	0.0488	0.46%
Be 313.107	672572.6	0.2545	mg/L	0.00057	0.2545	mg/L	0.00057	0.22%
Co 228.616	77604.7	2.6083	mg/L	0.01396	2.6083	mg/L	0.01396	0.54%
Cr 267.716	56617.0	1.0282	mg/L	0.00468	1.0282	mg/L	0.00468	0.46%
Cu 324.752	411424.3	1.2539	mg/L	0.00371	1.2539	mg/L	0.00371	0.30%
Fe 273.955	201467.4	5.3839	mg/L	0.02345	5.3839	mg/L	0.02345	0.44%
Mg 279.077	719103.5	25.700	mg/L	0.1383	25.700	mg/L	0.1383	0.54%
Mn 257.610	1795339.7	2.5781	mg/L	0.00523	2.5781	mg/L	0.00523	0.20%
Ni 231.604	60716.5	2.6030	mg/L	0.00372	2.6030	mg/L	0.00372	0.14%
Pb 220.353	2882.9	0.5139	mg/L	0.00247	0.5139	mg/L	0.00247	0.48%
Sb 206.836	601.1	0.4766	mg/L	0.00013	0.4766	mg/L	0.00013	0.03%
Se 196.026	392.4	0.5059	mg/L	0.00983	0.5059	mg/L	0.00983	1.94%
Tl 190.801	727.9	0.5131	mg/L	0.00205	0.5131	mg/L	0.00205	0.40%
V 292.402	292425.8	2.5418	mg/L	0.00544	2.5418	mg/L	0.00544	0.21%
Zn 206.200	73682.1	2.6669	mg/L	0.01236	2.6669	mg/L	0.01236	0.46%
Na 330.237	36942.8	24.115	mg/L	0.1664	24.115	mg/L	0.1664	0.69%
Cd 226.502	13710.8	0.2579	mg/L	0.00037	0.2579	mg/L	0.00037	0.14%
Ti 334.940	588.7	0.0008	mg/L	0.00001	0.0008	mg/L	0.00001	0.83%
Ca 227.546	7356.9	25.138	mg/L	0.1253	25.138	mg/L	0.1253	0.50%

Sequence No.: 66
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/4/2007 1:36:43 AM
Data Type: Reprocessed on 8/6/2007 8:18:26 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	49.3	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008	23.21%
Al 308.215	264.9	0.0071	mg/L	0.00083	0.0071	mg/L	0.00083	11.73%
As 188.979	1.6	0.0017	mg/L	0.00292	0.0017	mg/L	0.00292	168.86%
Ba 233.527	210.6	0.0020	mg/L	0.00011	0.0020	mg/L	0.00011	5.47%
Be 313.107	99.4	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	26.79%
Co 228.616	9.2	0.0003	mg/L	0.00013	0.0003	mg/L	0.00013	41.83%
Cr 267.716	7.2	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	2.53%
Cu 324.752	274.1	0.0008	mg/L	0.00012	0.0008	mg/L	0.00012	13.85%
Fe 273.955	1125.9	0.0294	mg/L	0.00027	0.0294	mg/L	0.00027	0.91%
Mg 279.077	178.3	0.0064	mg/L	0.00483	0.0064	mg/L	0.00483	75.93%
Mn 257.610	556.6	0.0008	mg/L	0.00006	0.0008	mg/L	0.00006	7.39%
Ni 231.604	11.8	0.0005	mg/L	0.00039	0.0005	mg/L	0.00039	76.70%
Pb 220.353	19.6	0.0035	mg/L	0.00026	0.0035	mg/L	0.00026	7.46%
Sb 206.836	0.8	0.0007	mg/L	0.00109	0.0007	mg/L	0.00109	162.53%
Se 196.026	2.3	0.0030	mg/L	0.00210	0.0030	mg/L	0.00210	71.04%
Tl 190.801	-2.9	-0.0020	mg/L	0.00091	-0.0020	mg/L	0.00091	45.00%

V 292.402	26.1	0.0002 mg/L	0.00007	0.0002 mg/L	0.00007	32.78%
Zn 206.200	135.2	0.0049 mg/L	0.00010	0.0049 mg/L	0.00010	2.00%
Na 330.237	82.3	0.0538 mg/L	0.00758	0.0538 mg/L	0.00758	14.10%
Cd 226.502	-1.7	0.0000 mg/L	0.00004	0.0000 mg/L	0.00004	106.92%
Ti 334.940	34.1	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	44.56%
Ca 227.546	21.3	0.0728 mg/L	0.05854	0.0728 mg/L	0.05854	80.37%

Sequence No.: 67
Sample ID: F0936-12B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 129
Date Collected: 8/4/2007 1:39:49 AM
Data Type: Reprocessed on 8/6/2007 8:18:26 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Ag 328.068	16829.8	-0.1138	mg/L	0.00187	-0.1138	mg/L	0.00187	1.65%
Al 308.215	61590560.9	1656.4	mg/L	1.26	1656.4	mg/L	1.26	0.08%
As 188.979	172.2	0.2754	mg/L	0.00646	0.2754	mg/L	0.00646	2.35%
Ba 233.527	935004.6	8.6644	mg/L	0.03534	8.6644	mg/L	0.03534	0.41%
Be 313.107	379919.8	0.1443	mg/L	0.00055	0.1443	mg/L	0.00055	0.38%
Co 228.616	46569.4	1.6791	mg/L	0.00298	1.6791	mg/L	0.00298	0.18%
Cr 267.716	185018.8	3.3565	mg/L	0.00386	3.3565	mg/L	0.00386	0.12%
Cu 324.752	14536545.5	44.318	mg/L	0.2020	44.318	mg/L	0.2020	0.46%
Fe 273.955	54204348.0	1417.4	mg/L	0.44	1417.4	mg/L	0.44	0.03%
Mg 279.077	13270949.5	473.09	mg/L	0.293	473.09	mg/L	0.293	0.06%
Mn 257.610	Saturated2							
Ni 231.604	100007.0	4.3701	mg/L	0.00781	4.3701	mg/L	0.00781	0.18%
Pb 220.353	594841.5	106.01	mg/L	0.208	106.01	mg/L	0.208	0.20%
Sb 206.836	-229.4	-0.2109	mg/L	0.00410	-0.2109	mg/L	0.00410	1.94%
Se 196.026	-806.4	-0.6017	mg/L	0.04197	-0.6017	mg/L	0.04197	6.97%
Tl 190.801	-396.5	-0.0117	mg/L	0.00052	-0.0117	mg/L	0.00052	4.40%
V 292.402	465091.3	4.0644	mg/L	0.01137	4.0644	mg/L	0.01137	0.28%
Zn 206.200	1825322.6	65.915	mg/L	0.1553	65.915	mg/L	0.1553	0.24%
Na 330.237	302239.2	195.51	mg/L	0.704	195.51	mg/L	0.704	0.36%
Cd 226.502	34659.0	0.5746	mg/L	0.00310	0.5746	mg/L	0.00310	0.54%
Ti 334.940	220244.8	0.2451	mg/L	0.00141	0.2451	mg/L	0.00141	0.58%
Ca 227.546	554675.8	1885.9	mg/L	9.16	1885.9	mg/L	9.16	0.49%

Sequence No.: 68
Sample ID: F0936-12BDUP,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 130
Date Collected: 8/4/2007 1:42:53 AM
Data Type: Reprocessed on 8/6/2007 8:18:27 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Ag 328.068	15919.0	-0.1202	mg/L	0.00246	-0.1202	mg/L	0.00246	2.04%
Al 308.215	61749366.3	1660.7	mg/L	10.00	1660.7	mg/L	10.00	0.60%
As 188.979	179.1	0.2848	mg/L	0.02107	0.2848	mg/L	0.02107	7.40%
Ba 233.527	980852.1	9.0895	mg/L	0.03876	9.0895	mg/L	0.03876	0.43%
Be 313.107	385899.4	0.1465	mg/L	0.00125	0.1465	mg/L	0.00125	0.85%
Co 228.616	47105.6	1.6986	mg/L	0.00703	1.6986	mg/L	0.00703	0.41%
Cr 267.716	191137.0	3.4677	mg/L	0.05883	3.4677	mg/L	0.05883	1.70%
Cu 324.752	14671299.9	44.729	mg/L	0.0298	44.729	mg/L	0.0298	0.07%
Fe 273.955	54498568.9	1425.1	mg/L	0.90	1425.1	mg/L	0.90	0.06%
Mg 279.077	13404604.8	477.86	mg/L	0.403	477.86	mg/L	0.403	0.08%
Mn 257.610	Saturated2							
Ni 231.604	101921.1	4.4528	mg/L	0.07575	4.4528	mg/L	0.07575	1.70%
Pb 220.353	607995.8	108.35	mg/L	1.020	108.35	mg/L	1.020	0.94%
Sb 206.836	-241.6	-0.2240	mg/L	0.03617	-0.2240	mg/L	0.03617	16.15%
Se 196.026	-797.6	-0.5890	mg/L	0.02592	-0.5890	mg/L	0.02592	4.40%
Tl 190.801	-344.6	0.0266	mg/L	0.00126	0.0266	mg/L	0.00126	4.76%
V 292.402	469501.0	4.1029	mg/L	0.06123	4.1029	mg/L	0.06123	1.49%

Zn 206.200	1858502.7	67.114	mg/L	0.3602	67.114	mg/L	0.3602	0.54%
Na 330.237	306339.8	198.15	mg/L	0.190	198.15	mg/L	0.190	0.10%
Cd 226.502	35236.0	0.5850	mg/L	0.00166	0.5850	mg/L	0.00166	0.28%
Ti 334.940	222634.2	0.2478	mg/L	0.00207	0.2478	mg/L	0.00207	0.84%
Ca 227.546	561737.8	1910.2	mg/L	9.38	1910.2	mg/L	9.38	0.49%

Sequence No.: 69
Sample ID: F0936-12BMS,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 8/4/2007 1:45:56 AM
Data Type: Reprocessed on 8/6/2007 8:18:27 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BMS,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	29796.9	0.0576	mg/L	0.00011	0.0576	mg/L	0.00011	0.19%
Al 308.215	64176184.8	1726.0	mg/L	4.80	1726.0	mg/L	4.80	0.28%
As 188.979	-43.4	0.0529	mg/L	0.00821	0.0529	mg/L	0.00821	15.53%
Ba 233.527	2279333.6	21.124	mg/L	0.0901	21.124	mg/L	0.0901	0.43%
Be 313.107	516635.9	0.1957	mg/L	0.00035	0.1957	mg/L	0.00035	0.18%
Co 228.616	62165.1	2.2101	mg/L	0.01679	2.2101	mg/L	0.01679	0.76%
Cr 267.716	205722.4	3.7276	mg/L	0.00475	3.7276	mg/L	0.00475	0.13%
Cu 324.752	15603407.8	47.571	mg/L	0.0624	47.571	mg/L	0.0624	0.13%
Fe 273.955	50499736.0	1322.4	mg/L	0.80	1322.4	mg/L	0.80	0.06%
Mg 279.077	14826318.1	528.65	mg/L	0.259	528.65	mg/L	0.259	0.05%
Mn 257.610	Saturated2							
Ni 231.604	124342.2	5.4173	mg/L	0.01358	5.4173	mg/L	0.01358	0.25%
Pb 220.353	678205.3	120.85	mg/L	0.417	120.85	mg/L	0.417	0.35%
Sb 206.836	-182.8	-0.1937	mg/L	0.00036	-0.1937	mg/L	0.00036	0.19%
Se 196.026	-555.1	-0.3181	mg/L	0.02111	-0.3181	mg/L	0.02111	6.64%
Tl 190.801	-210.0	0.0904	mg/L	0.02892	0.0904	mg/L	0.02892	31.99%
V 292.402	-5313.2	-0.0225	mg/L	0.00047	-0.0225	mg/L	0.00047	2.08%
Zn 206.200	2092075.5	75.551	mg/L	0.2925	75.551	mg/L	0.2925	0.39%
Na 330.237	327751.4	211.90	mg/L	0.730	211.90	mg/L	0.730	0.34%
Cd 226.502	33759.4	0.5635	mg/L	0.00106	0.5635	mg/L	0.00106	0.19%
Ti 334.940	120512.3	0.1454	mg/L	0.00176	0.1454	mg/L	0.00176	1.21%
Ca 227.546	582832.6	1985.3	mg/L	7.00	1985.3	mg/L	7.00	0.35%

Sequence No.: 70
Sample ID: F0936-12BSD,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 131
Date Collected: 8/4/2007 1:48:59 AM
Data Type: Reprocessed on 8/6/2007 8:18:28 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Ag 328.068	4927.6	-0.1603	mg/L	0.00089	-0.1603	mg/L	0.00089	0.56%
Al 308.215	21984080.7	591.24	mg/L	5.306	591.24	mg/L	5.306	0.90%
As 188.979	29.5	0.0532	mg/L	0.02150	0.0532	mg/L	0.02150	40.39%
Ba 233.527	344442.2	3.1885	mg/L	0.03175	3.1885	mg/L	0.03175	1.00%
Be 313.107	124658.4	0.0473	mg/L	0.00065	0.0473	mg/L	0.00065	1.36%
Co 228.616	17212.5	0.6033	mg/L	0.01232	0.6033	mg/L	0.01232	2.04%
Cr 267.716	60578.3	1.0843	mg/L	0.01645	1.0843	mg/L	0.01645	1.52%
Cu 324.752	3779288.8	11.516	mg/L	0.1389	11.516	mg/L	0.1389	1.21%
Fe 273.955	36481252.7	947.96	mg/L	5.553	947.96	mg/L	5.553	0.59%
Mg 279.077	4954780.9	176.69	mg/L	1.651	176.69	mg/L	1.651	0.93%
Mn 257.610	15103322.2	21.688	mg/L	0.1840	21.688	mg/L	0.1840	0.85%
Ni 231.604	36541.8	1.5915	mg/L	0.03214	1.5915	mg/L	0.03214	2.02%
Pb 220.353	229899.0	40.962	mg/L	0.4576	40.962	mg/L	0.4576	1.12%
Sb 206.836	-118.0	-0.0839	mg/L	0.00682	-0.0839	mg/L	0.00682	8.13%
Se 196.026	-211.3	0.0420	mg/L	0.00912	0.0420	mg/L	0.00912	21.74%
Tl 190.801	-95.6	0.1754	mg/L	0.01426	0.1754	mg/L	0.01426	8.13%
V 292.402	146266.5	1.2888	mg/L	0.02063	1.2888	mg/L	0.02063	1.60%
Zn 206.200	885683.4	31.988	mg/L	0.3158	31.988	mg/L	0.3158	0.99%

Na 330.237	77994.2	51.126	mg/L	0.4758	51.126	mg/L	0.4758	0.93%
Cd 226.502	10878.1	0.1528	mg/L	0.00015	0.1528	mg/L	0.00015	0.10%
Ti 334.940	73527.4	0.0800	mg/L	0.00156	0.0800	mg/L	0.00156	1.95%
Ca 227.546	139941.2	463.27	mg/L	6.010	463.27	mg/L	6.010	1.30%

Sequence No.: 71
Sample ID: F0936-12BPDS,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 8/4/2007 1:51:49 AM
Data Type: Reprocessed on 8/6/2007 8:18:28 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BPDS,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	22556.1	-0.0775	mg/L	0.00455	-0.0775	mg/L	0.00455	5.87%
Al 308.215	62296390.9	1675.4	mg/L	2.76	1675.4	mg/L	2.76	0.16%
As 188.979	163.3	0.2678	mg/L	0.02534	0.2678	mg/L	0.02534	9.46%
Ba 233.527	1084343.0	10.049	mg/L	0.0720	10.049	mg/L	0.0720	0.72%
Be 313.107	406342.5	0.1543	mg/L	0.00105	0.1543	mg/L	0.00105	0.68%
Co 228.616	49766.3	1.7809	mg/L	0.00371	1.7809	mg/L	0.00371	0.21%
Cr 267.716	188792.0	3.4251	mg/L	0.00929	3.4251	mg/L	0.00929	0.27%
Cu 324.752	14835768.7	45.230	mg/L	0.3897	45.230	mg/L	0.3897	0.86%
Fe 273.955	54898818.5	1435.7	mg/L	1.25	1435.7	mg/L	1.25	0.09%
Mg 279.077	13731394.9	489.52	mg/L	1.099	489.52	mg/L	1.099	0.22%
Mn 257.610	Saturated2							
Ni 231.604	104957.2	4.5840	mg/L	0.01597	4.5840	mg/L	0.01597	0.35%
Pb 220.353	619597.8	110.41	mg/L	0.698	110.41	mg/L	0.698	0.63%
Sb 206.836	-117.9	-0.1167	mg/L	0.03688	-0.1167	mg/L	0.03688	31.61%
Se 196.026	-727.1	-0.4961	mg/L	0.03331	-0.4961	mg/L	0.03331	6.71%
Tl 190.801	-296.0	0.0625	mg/L	0.01557	0.0625	mg/L	0.01557	24.93%
V 292.402	490202.2	4.2828	mg/L	0.01743	4.2828	mg/L	0.01743	0.41%
Zn 206.200	1894089.9	68.399	mg/L	0.3231	68.399	mg/L	0.3231	0.47%
Na 330.237	327823.7	212.17	mg/L	2.885	212.17	mg/L	2.885	1.36%
Cd 226.502	35777.5	0.5946	mg/L	0.01057	0.5946	mg/L	0.01057	1.78%
Ti 334.940	248754.4	0.2746	mg/L	0.00219	0.2746	mg/L	0.00219	0.80%
Ca 227.546	570830.2	1941.3	mg/L	20.37	1941.3	mg/L	20.37	1.05%

Sequence No.: 72
Sample ID: ACID BLK
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 31
Date Collected: 8/4/2007 1:54:52 AM
Data Type: Reprocessed on 8/6/2007 8:18:29 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACID BLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	250.7	0.0015	mg/L	0.00009	0.0015	mg/L	0.00009	6.29%
Al 308.215	10795.0	0.2903	mg/L	0.02793	0.2903	mg/L	0.02793	9.62%
As 188.979	-1.8	-0.0019	mg/L	0.00306	-0.0019	mg/L	0.00306	157.26%
Ba 233.527	350.6	0.0032	mg/L	0.00008	0.0032	mg/L	0.00008	2.35%
Be 313.107	167.9	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	0.57%
Co 228.616	15.6	0.0005	mg/L	0.00001	0.0005	mg/L	0.00001	2.73%
Cr 267.716	44.7	0.0008	mg/L	0.00002	0.0008	mg/L	0.00002	2.89%
Cu 324.752	5947.7	0.0181	mg/L	0.00001	0.0181	mg/L	0.00001	0.03%
Fe 273.955	34348.8	0.8906	mg/L	0.06097	0.8906	mg/L	0.06097	6.85%
Mg 279.077	3161.1	0.1126	mg/L	0.01442	0.1126	mg/L	0.01442	12.80%
Mn 257.610	11056.5	0.0159	mg/L	0.00196	0.0159	mg/L	0.00196	12.33%
Ni 231.604	42.3	0.0018	mg/L	0.00006	0.0018	mg/L	0.00006	3.15%
Pb 220.353	2340.8	0.4167	mg/L	0.03335	0.4167	mg/L	0.03335	8.00%
Sb 206.836	1.3	0.0011	mg/L	0.00110	0.0011	mg/L	0.00110	101.49%
Se 196.026	0.6	0.0010	mg/L	0.00693	0.0010	mg/L	0.00693	673.06%
Tl 190.801	-3.5	-0.0022	mg/L	0.00144	-0.0022	mg/L	0.00144	65.06%
V 292.402	90.5	0.0008	mg/L	0.00007	0.0008	mg/L	0.00007	8.80%
Zn 206.200	5389.1	0.1947	mg/L	0.01581	0.1947	mg/L	0.01581	8.12%
Na 330.237	414.3	0.2715	mg/L	0.04735	0.2715	mg/L	0.04735	17.44%

T 8/6/07

T 8/6/07

Cd 226.502	17.8	0.0003 mg/L	0.00002	0.0003 mg/L	0.00002	5.60%
Ti 334.940	317.4	0.0003 mg/L	0.00010	0.0003 mg/L	0.00010	29.72%
Ca 227.546	93.8	0.3049 mg/L	0.03006	0.3049 mg/L	0.03006	9.86%

Sequence No.: 73
Sample ID: ACID BLK
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 31
Date Collected: 8/4/2007 1:57:57 AM
Data Type: Reprocessed on 8/6/2007 8:18:29 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACID BLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	201.7	0.0013	mg/L	0.00016	0.0013	mg/L	0.00016	11.89%
Al 308.215	3102.4	0.0834	mg/L	0.00217	0.0834	mg/L	0.00217	2.60%
As 188.979	0.9	0.0010	mg/L	0.00114	0.0010	mg/L	0.00114	118.57%
Ba 233.527	199.0	0.0018	mg/L	0.00021	0.0018	mg/L	0.00021	11.19%
Be 313.107	78.5	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	35.21%
Co 228.616	10.5	0.0004	mg/L	0.00005	0.0004	mg/L	0.00005	14.84%
Cr 267.716	20.6	0.0004	mg/L	0.00007	0.0004	mg/L	0.00007	18.50%
Cu 324.752	3994.5	0.0122	mg/L	0.00035	0.0122	mg/L	0.00035	2.85%
Fe 273.955	10141.8	0.2634	mg/L	0.00468	0.2634	mg/L	0.00468	1.78%
Mg 279.077	863.9	0.0308	mg/L	0.00078	0.0308	mg/L	0.00078	2.54%
Mn 257.610	3578.7	0.0051	mg/L	0.00010	0.0051	mg/L	0.00010	1.93%
Ni 231.604	19.6	0.0008	mg/L	0.00015	0.0008	mg/L	0.00015	18.22%
Pb 220.353	1222.4	0.2176	mg/L	0.01068	0.2176	mg/L	0.01068	4.91%
Sb 206.836	1.2	0.0010	mg/L	0.00219	0.0010	mg/L	0.00219	209.97%
Se 196.026	3.8	0.0050	mg/L	0.00250	0.0050	mg/L	0.00250	50.28%
Tl 190.801	-4.4	-0.0030	mg/L	0.00312	-0.0030	mg/L	0.00312	104.33%
V 292.402	23.8	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	23.73%
Zn 206.200	2656.5	0.0960	mg/L	0.00554	0.0960	mg/L	0.00554	5.77%
Na 330.237	251.6	0.1646	mg/L	0.05985	0.1646	mg/L	0.05985	36.36%
Cd 226.502	1.4	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	497.08%
Ti 334.940	205.6	0.0002	mg/L	0.00011	0.0002	mg/L	0.00011	54.70%
Ca 227.546	56.3	0.1888	mg/L	0.03686	0.1888	mg/L	0.03686	19.53%

T 8/6/07

Sequence No.: 74
Sample ID: CRI
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/4/2007 2:01:02 AM
Data Type: Reprocessed on 8/6/2007 8:18:30 AM

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
Ag 328.068	1665.3	0.0108	mg/L	0.00011	0.0108	mg/L	0.00011	1.01%
Al 308.215	13601.3	0.3654	mg/L	0.09967	0.3654	mg/L	0.09967	27.27%
As 188.979	7.2	0.0080	mg/L	0.00047	0.0080	mg/L	0.00047	5.92%
Ba 233.527	24144.3	0.2239	mg/L	0.00420	0.2239	mg/L	0.00420	1.88%
Be 313.107	13593.8	0.0051	mg/L	0.00006	0.0051	mg/L	0.00006	1.15%
Co 228.616	1606.9	0.0543	mg/L	0.00060	0.0543	mg/L	0.00060	1.11%
Cr 267.716	599.4	0.0109	mg/L	0.00012	0.0109	mg/L	0.00012	1.07%
Cu 324.752	11334.1	0.0347	mg/L	0.00080	0.0347	mg/L	0.00080	2.31%
Fe 273.955	33482.5	0.8927	mg/L	0.16542	0.8927	mg/L	0.16542	18.53%
Mg 279.077	151166.1	5.3961	mg/L	0.09858	5.3961	mg/L	0.09858	1.83%
Mn 257.610	21879.1	0.0314	mg/L	0.00274	0.0314	mg/L	0.00274	8.72%
Ni 231.604	1031.6	0.0443	mg/L	0.00068	0.0443	mg/L	0.00068	1.54%
Pb 220.353	463.3	0.0826	mg/L	0.00001	0.0826	mg/L	0.00001	0.02%
Sb 206.836	78.3	0.0659	mg/L	0.00108	0.0659	mg/L	0.00108	1.64%
Se 196.026	31.4	0.0405	mg/L	0.00276	0.0405	mg/L	0.00276	6.82%
Tl 190.801	35.0	0.0248	mg/L	0.00145	0.0248	mg/L	0.00145	5.83%
V 292.402	5937.2	0.0516	mg/L	0.00101	0.0516	mg/L	0.00101	1.95%
Zn 206.200	2988.4	0.1080	mg/L	0.00174	0.1080	mg/L	0.00174	1.61%
Na 330.237	6151.1	4.0164	mg/L	0.00142	4.0164	mg/L	0.00142	0.04%
Cd 226.502	290.5	0.0054	mg/L	0.00001	0.0054	mg/L	0.00001	0.15%

Ti 334.940	-8.9	0.0000 mg/L	0.00005	0.0000 mg/L	0.00005	104.09%
Ca 227.546	1450.5	4.9894 mg/L	0.02074	4.9894 mg/L	0.02074	0.42%

Sequence No.: 75
Sample ID: ICSA
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/4/2007 2:04:06 AM
Data Type: Reprocessed on 8/6/2007 8:18:30 AM

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
Ag 328.068	-183.2	-0.0032	mg/L	0.00019	-0.0032	mg/L	0.00019	6.11%
Al 308.215	16386147.4	440.70	mg/L	1.481	440.70	mg/L	1.481	0.34%
As 188.979	-13.9	-0.0052	mg/L	0.00128	-0.0052	mg/L	0.00128	24.71%
Ba 233.527	399.5	0.0025	mg/L	0.00001	0.0025	mg/L	0.00001	0.52%
Be 313.107	192.3	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	6.59%
Co 228.616	108.8	0.0334	mg/L	0.00002	0.0334	mg/L	0.00002	0.07%
Cr 267.716	-122.2	-0.0073	mg/L	0.00002	-0.0073	mg/L	0.00002	0.26%
Cu 324.752	-3971.1	0.0004	mg/L	0.00024	0.0004	mg/L	0.00024	53.30%
Fe 273.955	6389966.3	169.68	mg/L	0.616	169.68	mg/L	0.616	0.36%
Mg 279.077	12152403.5	433.72	mg/L	1.056	433.72	mg/L	1.056	0.24%
Mn 257.610	4478.9	0.0064	mg/L	0.00046	0.0064	mg/L	0.00046	7.12%
Saturated outside survey window (code 6)								
Ni 231.604	51.1	0.0237	mg/L	0.00004	0.0237	mg/L	0.00004	0.18%
Pb 220.353	32.1	0.0376	mg/L	0.00021	0.0376	mg/L	0.00021	0.57%
Sb 206.836	-14.4	0.0017	mg/L	0.01420	0.0017	mg/L	0.01420	846.98%
Se 196.026	-21.2	0.0112	mg/L	0.00074	0.0112	mg/L	0.00074	6.57%
Tl 190.801	-22.3	0.0033	mg/L	0.00325	0.0033	mg/L	0.00325	99.38%
V 292.402	-505.9	-0.0016	mg/L	0.00002	-0.0016	mg/L	0.00002	1.34%
Zn 206.200	934.9	0.0288	mg/L	0.00002	0.0288	mg/L	0.00002	0.08%
Na 330.237	792.7	-0.2558	mg/L	0.05695	-0.2558	mg/L	0.05695	22.26%
Cd 226.502	493.7	0.0002	mg/L	0.00019	0.0002	mg/L	0.00019	109.57%
Ti 334.940	-5492.8	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008	83.52%
Ca 227.546	136902.6	469.42	mg/L	0.960	469.42	mg/L	0.960	0.20%

Sequence No.: 76
Sample ID: ICSAB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/4/2007 2:07:21 AM
Data Type: Reprocessed on 8/6/2007 8:18:31 AM

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
Ag 328.068	28633.1	0.1869	mg/L	0.00215	0.1869	mg/L	0.00215	1.15%
Al 308.215	16396787.7	440.98	mg/L	0.717	440.98	mg/L	0.717	0.16%
As 188.979	69.8	0.0915	mg/L	0.00267	0.0915	mg/L	0.00267	2.92%
Ba 233.527	51315.8	0.4752	mg/L	0.00355	0.4752	mg/L	0.00355	0.75%
Be 313.107	1148001.5	0.4343	mg/L	0.00378	0.4343	mg/L	0.00378	0.87%
Co 228.616	12390.4	0.4463	mg/L	0.00157	0.4463	mg/L	0.00157	0.35%
Cr 267.716	24061.8	0.4322	mg/L	0.00373	0.4322	mg/L	0.00373	0.86%
Cu 324.752	148611.3	0.4654	mg/L	0.00323	0.4654	mg/L	0.00323	0.69%
Fe 273.955	6403420.8	170.06	mg/L	0.403	170.06	mg/L	0.403	0.24%
Mg 279.077	12160377.2	434.01	mg/L	0.808	434.01	mg/L	0.808	0.19%
Mn 257.610	319061.8	0.4582	mg/L	0.00260	0.4582	mg/L	0.00260	0.57%
Ni 231.604	19014.3	0.8366	mg/L	0.00536	0.8366	mg/L	0.00536	0.64%
Pb 220.353	253.1	0.0770	mg/L	0.00164	0.0770	mg/L	0.00164	2.13%
Sb 206.836	691.4	0.5825	mg/L	0.00550	0.5825	mg/L	0.00550	0.94%
Se 196.026	9.5	0.0505	mg/L	0.00221	0.0505	mg/L	0.00221	4.37%
Tl 190.801	103.4	0.0918	mg/L	0.00020	0.0918	mg/L	0.00020	0.22%
V 292.402	50595.4	0.4430	mg/L	0.00355	0.4430	mg/L	0.00355	0.80%
Zn 206.200	24668.0	0.8883	mg/L	0.00537	0.8883	mg/L	0.00537	0.60%
Na 330.237	1697.3	0.3179	mg/L	0.03306	0.3179	mg/L	0.03306	10.40%
Cd 226.502	45797.6	0.8497	mg/L	0.00624	0.8497	mg/L	0.00624	0.73%

Ti 334.940	-5565.9	0.0001 mg/L	0.00011	0.0001 mg/L	0.00011	204.81%
Ca 227.546	138851.0	476.10 mg/L	3.460	476.10 mg/L	3.460	0.73%

Sequence No.: 77
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/4/2007 2:10:35 AM
Data Type: Reprocessed on 8/6/2007 8:18:31 AM

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
Ag 328.068	181015.2	1.1941	mg/L	0.00503	1.1941	mg/L	0.00503	0.42%
Al 308.215	364196.9	9.7749	mg/L	0.03559	9.7749	mg/L	0.03559	0.36%
As 188.979	470.8	0.5214	mg/L	0.00076	0.5214	mg/L	0.00076	0.15%
Ba 233.527	1150749.6	10.673	mg/L	0.0632	10.673	mg/L	0.0632	0.59%
Be 313.107	679472.4	0.2572	mg/L	0.00141	0.2572	mg/L	0.00141	0.55%
Co 228.616	77594.8	2.6079	mg/L	0.01846	2.6079	mg/L	0.01846	0.71%
Cr 267.716	56640.8	1.0287	mg/L	0.00268	1.0287	mg/L	0.00268	0.26%
Cu 324.752	410250.8	1.2503	mg/L	0.00829	1.2503	mg/L	0.00829	0.66%
Fe 273.955	204844.8	5.4708	mg/L	0.10453	5.4708	mg/L	0.10453	1.91%
Mg 279.077	732678.4	26.185	mg/L	0.1191	26.185	mg/L	0.1191	0.45%
Mn 257.610	1814644.1	2.6058	mg/L	0.00978	2.6058	mg/L	0.00978	0.38%
Ni 231.604	61067.3	2.6180	mg/L	0.00939	2.6180	mg/L	0.00939	0.36%
Pb 220.353	3121.9	0.5564	mg/L	0.00094	0.5564	mg/L	0.00094	0.17%
Sb 206.836	598.6	0.4746	mg/L	0.00501	0.4746	mg/L	0.00501	1.06%
Se 196.026	397.4	0.5123	mg/L	0.00422	0.5123	mg/L	0.00422	0.82%
Tl 190.801	737.7	0.5200	mg/L	0.00054	0.5200	mg/L	0.00054	0.10%
V 292.402	296507.1	2.5772	mg/L	0.02073	2.5772	mg/L	0.02073	0.80%
Zn 206.200	74972.1	2.7135	mg/L	0.01057	2.7135	mg/L	0.01057	0.39%
Na 330.237	36444.5	23.789	mg/L	0.0299	23.789	mg/L	0.0299	0.13%
Cd 226.502	13690.7	0.2575	mg/L	0.00081	0.2575	mg/L	0.00081	0.31%
Ti 334.940	534.6	0.0007	mg/L	0.00005	0.0007	mg/L	0.00005	6.66%
Ca 227.546	7324.8	25.023	mg/L	0.0101	25.023	mg/L	0.0101	0.04%

Sequence No.: 78
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/4/2007 2:13:47 AM
Data Type: Reprocessed on 8/6/2007 8:18:32 AM

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
Ag 328.068	66.0	0.0004	mg/L	0.00034	0.0004	mg/L	0.00034	80.25%
Al 308.215	3665.5	0.0986	mg/L	0.11295	0.0986	mg/L	0.11295	114.58%
As 188.979	1.8	0.0020	mg/L	0.00062	0.0020	mg/L	0.00062	31.86%
Ba 233.527	201.3	0.0019	mg/L	0.00029	0.0019	mg/L	0.00029	15.50%
Be 313.107	205.6	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	40.37%
Co 228.616	9.5	0.0003	mg/L	0.00001	0.0003	mg/L	0.00001	2.27%
Cr 267.716	18.0	0.0003	mg/L	0.00001	0.0003	mg/L	0.00001	4.58%
Cu 324.752	1479.6	0.0045	mg/L	0.00282	0.0045	mg/L	0.00282	62.62%
Fe 273.955	4756.0	0.1242	mg/L	0.01879	0.1242	mg/L	0.01879	15.13%
Saturated within auto integration window (code 4)								
Mg 279.077	2194.6	0.0783	mg/L	0.07520	0.0783	mg/L	0.07520	96.02%
Mn 257.610	2002.8	0.0029	mg/L	0.00062	0.0029	mg/L	0.00062	21.59%
Saturated within auto integration window (code 4)								
Ni 231.604	13.7	0.0006	mg/L	0.00020	0.0006	mg/L	0.00020	33.38%
Pb 220.353	134.2	0.0239	mg/L	0.00196	0.0239	mg/L	0.00196	8.20%
Sb 206.836	0.7	0.0006	mg/L	0.00309	0.0006	mg/L	0.00309	503.06%
Se 196.026	0.8	0.0010	mg/L	0.00163	0.0010	mg/L	0.00163	159.10%
Tl 190.801	-2.8	-0.0020	mg/L	0.00131	-0.0020	mg/L	0.00131	66.46%
V 292.402	33.9	0.0003	mg/L	0.00059	0.0003	mg/L	0.00059	200.11%
Zn 206.200	589.3	0.0213	mg/L	0.00141	0.0213	mg/L	0.00141	6.64%
Na 330.237	90.5	0.0590	mg/L	0.02588	0.0590	mg/L	0.02588	43.83%

Cd 226.502	7.0	0.0001 mg/L	0.00000	0.0001 mg/L	0.00000	3.94%
Ti 334.940	48.6	0.0001 mg/L	0.00010	0.0001 mg/L	0.00010	200.89%
Ca 227.546	48.0	0.1633 mg/L	0.01233	0.1633 mg/L	0.01233	7.55%

Sequence No.: 79
Sample ID: F0981-01B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 132
Date Collected: 8/4/2007 2:16:53 AM
Data Type: Reprocessed on 8/6/2007 8:18:32 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-01B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	10634.4	-0.1099	mg/L	0.00003	-0.1099	mg/L	0.00003	0.03%
Al 308.215	20434799.5	549.57	mg/L	2.095	549.57	mg/L	2.095	0.38%
As 188.979	689.0	0.7833	mg/L	0.00961	0.7833	mg/L	0.00961	1.23%
Ba 233.527	1860896.1	17.248	mg/L	0.0673	17.248	mg/L	0.0673	0.39%
Be 313.107	123728.5	0.0536	mg/L	0.00002	0.0536	mg/L	0.00002	0.05%
Co 228.616	17356.7	0.6436	mg/L	0.00398	0.6436	mg/L	0.00398	0.62%
Cr 267.716	96653.0	1.7419	mg/L	0.00307	1.7419	mg/L	0.00307	0.18%
Cu 324.752	3936528.2	12.015	mg/L	0.0696	12.015	mg/L	0.0696	0.58%
Fe 273.955	43309077.9	1127.1	mg/L	2.26	1127.1	mg/L	2.26	0.20%
Mg 279.077	4840699.6	172.55	mg/L	0.528	172.55	mg/L	0.528	0.31%
Mn 257.610	15803526.3	22.693	mg/L	0.0814	22.693	mg/L	0.0814	0.36%
Ni 231.604	33773.3	1.4871	mg/L	0.01664	1.4871	mg/L	0.01664	1.12%
Pb 220.353	519527.7	92.530	mg/L	0.1482	92.530	mg/L	0.1482	0.16%
Sb 206.836	-203.3	-0.1449	mg/L	0.01213	-0.1449	mg/L	0.01213	8.37%
Se 196.026	-277.9	-0.0345	mg/L	0.00148	-0.0345	mg/L	0.00148	4.28%
Tl 190.801	-154.8	0.1865	mg/L	0.01737	0.1865	mg/L	0.01737	9.31%
V 292.402	190884.2	1.6800	mg/L	0.00255	1.6800	mg/L	0.00255	0.15%
Zn 206.200	1470107.4	53.100	mg/L	0.1470	53.100	mg/L	0.1470	0.28%
Na 330.237	115580.3	75.254	mg/L	0.8392	75.254	mg/L	0.8392	1.12%
Cd 226.502	13339.0	0.1891	mg/L	0.00148	0.1891	mg/L	0.00148	0.78%
Ti 334.940	3680424.1	3.7346	mg/L	0.01009	3.7346	mg/L	0.01009	0.27%
Ca 227.546	349804.8	1184.6	mg/L	6.21	1184.6	mg/L	6.21	0.52%

Sequence No.: 80
Sample ID: F0981-06B,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 133
Date Collected: 8/4/2007 2:19:44 AM
Data Type: Reprocessed on 8/6/2007 8:18:33 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-648.7	-0.1885	mg/L	0.00045	-0.1885	mg/L	0.00045	0.24%
Al 308.215	27235944.6	732.49	mg/L	2.059	732.49	mg/L	2.059	0.28%
As 188.979	411.2	0.4802	mg/L	0.00968	0.4802	mg/L	0.00968	2.02%
Ba 233.527	741756.4	6.8702	mg/L	0.02177	6.8702	mg/L	0.02177	0.32%
Be 313.107	100917.7	0.0422	mg/L	0.00005	0.0422	mg/L	0.00005	0.12%
Co 228.616	30168.6	1.0906	mg/L	0.00442	1.0906	mg/L	0.00442	0.41%
Cr 267.716	63671.5	1.1611	mg/L	0.00647	1.1611	mg/L	0.00647	0.56%
Cu 324.752	1154405.1	3.5462	mg/L	0.01295	3.5462	mg/L	0.01295	0.37%
Fe 273.955	46190844.1	1203.6	mg/L	1.52	1203.6	mg/L	1.52	0.13%
Mg 279.077	12074160.2	430.46	mg/L	0.956	430.46	mg/L	0.956	0.22%
Mn 257.610	Saturated2							
Ni 231.604	44401.0	1.9533	mg/L	0.00887	1.9533	mg/L	0.00887	0.45%
Pb 220.353	14039.3	2.5566	mg/L	0.01274	2.5566	mg/L	0.01274	0.50%
Sb 206.836	-132.3	-0.0620	mg/L	0.02277	-0.0620	mg/L	0.02277	36.74%
Se 196.026	-276.2	0.0012	mg/L	0.08201	0.0012	mg/L	0.08201	>999.9%
Tl 190.801	-129.5	0.1893	mg/L	0.01185	0.1893	mg/L	0.01185	6.26%
V 292.402	113934.6	1.0113	mg/L	0.00683	1.0113	mg/L	0.00683	0.68%
Zn 206.200	165391.9	5.9670	mg/L	0.00014	5.9670	mg/L	0.00014	0.00%
Na 330.237	175137.0	113.59	mg/L	0.445	113.59	mg/L	0.445	0.39%
Cd 226.502	8058.6	0.0863	mg/L	0.00166	0.0863	mg/L	0.00166	1.92%

Ti 334.940	2154570.9	2.1946 mg/L	0.00229	2.1946 mg/L	0.00229	0.10%
Ca 227.546	406319.4	1378.2 mg/L	4.83	1378.2 mg/L	4.83	0.35%

Sequence No.: 81
Sample ID: F0981-06BSD,31385
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 8/4/2007 2:22:30 AM
Data Type: Reprocessed on 8/6/2007 8:18:33 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-29.2	-0.0859	mg/L	0.00136	-0.0859	mg/L	0.00136	1.58%
Al 308.215	7175030.9	192.97	mg/L	0.964	192.97	mg/L	0.964	0.50%
As 188.979	110.1	0.1245	mg/L	0.00348	0.1245	mg/L	0.00348	2.79%
Ba 233.527	202600.4	1.8754	mg/L	0.00233	1.8754	mg/L	0.00233	0.12%
Be 313.107	27110.9	0.0113	mg/L	0.00008	0.0113	mg/L	0.00008	0.73%
Co 228.616	8749.4	0.3103	mg/L	0.00037	0.3103	mg/L	0.00037	0.12%
Cr 267.716	17117.9	0.2966	mg/L	0.00099	0.2966	mg/L	0.00099	0.34%
Cu 324.752	260205.2	0.7974	mg/L	0.00208	0.7974	mg/L	0.00208	0.26%
Fe 273.955	18694086.8	485.56	mg/L	3.168	485.56	mg/L	3.168	0.65%
Mg 279.077	3467397.2	123.78	mg/L	0.610	123.78	mg/L	0.610	0.49%
Mn 257.610	13371422.1	19.201	mg/L	0.1484	19.201	mg/L	0.1484	0.77%
Ni 231.604	12678.2	0.5555	mg/L	0.00015	0.5555	mg/L	0.00015	0.03%
Pb 220.353	4181.4	0.7551	mg/L	0.00384	0.7551	mg/L	0.00384	0.51%
Sb 206.836	-62.9	-0.0315	mg/L	0.00353	-0.0315	mg/L	0.00353	11.22%
Se 196.026	-55.8	0.0716	mg/L	0.00245	0.0716	mg/L	0.00245	3.43%
Tl 190.801	-31.2	0.1211	mg/L	0.00128	0.1211	mg/L	0.00128	1.06%
V 292.402	29637.6	0.2675	mg/L	0.00237	0.2675	mg/L	0.00237	0.89%
Zn 206.200	50640.9	1.8293	mg/L	0.00964	1.8293	mg/L	0.00964	0.53%
Na 330.237	35541.6	23.268	mg/L	0.0485	23.268	mg/L	0.0485	0.21%
Cd 226.502	1862.0	0.0086	mg/L	0.00078	0.0086	mg/L	0.00078	9.09%
Ti 334.940	567400.2	0.5774	mg/L	0.00253	0.5774	mg/L	0.00253	0.44%
Ca 227.546	93997.7	314.47	mg/L	0.140	314.47	mg/L	0.140	0.04%

Sequence No.: 82
Sample ID: ACID BLK
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 31
Date Collected: 8/4/2007 2:25:53 AM
Data Type: Reprocessed on 8/6/2007 8:18:34 AM

Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACID BLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	27.8	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	24.15%
Al 308.215	2940.2	0.0791	mg/L	0.01149	0.0791	mg/L	0.01149	14.53%
As 188.979	1.1	0.0012	mg/L	0.00060	0.0012	mg/L	0.00060	49.33%
Ba 233.527	208.5	0.0019	mg/L	0.00011	0.0019	mg/L	0.00011	5.89%
Be 313.107	125.2	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	7.59%
Co 228.616	3.9	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	7.91%
Cr 267.716	17.6	0.0003	mg/L	0.00004	0.0003	mg/L	0.00004	14.21%
Cu 324.752	1545.6	0.0047	mg/L	0.00004	0.0047	mg/L	0.00004	0.84%
Fe 273.955	11705.6	0.3038	mg/L	0.04212	0.3038	mg/L	0.04212	13.86%
Mg 279.077	1453.4	0.0518	mg/L	0.00658	0.0518	mg/L	0.00658	12.69%
Mn 257.610	6324.9	0.0091	mg/L	0.00091	0.0091	mg/L	0.00091	10.06%
Ni 231.604	8.0	0.0004	mg/L	0.00007	0.0004	mg/L	0.00007	20.03%
Pb 220.353	223.8	0.0398	mg/L	0.00049	0.0398	mg/L	0.00049	1.24%
Sb 206.836	0.2	0.0001	mg/L	0.00402	0.0001	mg/L	0.00402	>999.9%
Se 196.026	1.6	0.0022	mg/L	0.00493	0.0022	mg/L	0.00493	223.94%
Tl 190.801	-3.4	-0.0023	mg/L	0.00107	-0.0023	mg/L	0.00107	46.83%
V 292.402	3.0	0.0000	mg/L	0.00010	0.0000	mg/L	0.00010	325.20%
Zn 206.200	1523.3	0.0550	mg/L	0.00078	0.0550	mg/L	0.00078	1.42%
Na 330.237	294.1	0.1926	mg/L	0.09691	0.1926	mg/L	0.09691	50.32%
Cd 226.502	0.3	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	368.26%
Ti 334.940	501.1	0.0005	mg/L	0.00014	0.0005	mg/L	0.00014	27.47%

Ca 227.546	57.2	0.1912 mg/L	0.01878	0.1912 mg/L	0.01878	9.82%

Sequence No.: 83 **Autosampler Location: 7**
Sample ID: CRI **Date Collected: 8/4/2007 2:28:58 AM**
Analyst: **Data Type: Reprocessed on 8/6/2007 8:18:34 AM**
Logged In Analyst (Original) : optima3
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CRI

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	1564.9	0.0103	mg/L	0.00019	0.0103	mg/L	0.00019	1.81%
Al 308.215	9900.8	0.2659	mg/L	0.07504	0.2659	mg/L	0.07504	28.22%
As 188.979	8.4	0.0092	mg/L	0.00371	0.0092	mg/L	0.00371	40.42%
Ba 233.527	23896.1	0.2216	mg/L	0.00105	0.2216	mg/L	0.00105	0.47%
Be 313.107	13434.7	0.0051	mg/L	0.00003	0.0051	mg/L	0.00003	0.64%
Co 228.616	1601.6	0.0541	mg/L	0.00036	0.0541	mg/L	0.00036	0.67%
Cr 267.716	577.6	0.0105	mg/L	0.00010	0.0105	mg/L	0.00010	0.91%
Cu 324.752	8746.0	0.0268	mg/L	0.00121	0.0268	mg/L	0.00121	4.53%
Fe 273.955	13376.7	0.3720	mg/L	0.22530	0.3720	mg/L	0.22530	60.56%
Mg 279.077	148439.0	5.2988	mg/L	0.03839	5.2988	mg/L	0.03839	0.72%
Mn 257.610	15183.4	0.0218	mg/L	0.00500	0.0218	mg/L	0.00500	22.94%
Ni 231.604	1019.4	0.0438	mg/L	0.00080	0.0438	mg/L	0.00080	1.83%
Pb 220.353	152.1	0.0272	mg/L	0.00132	0.0272	mg/L	0.00132	4.84%
Sb 206.836	78.8	0.0663	mg/L	0.00100	0.0663	mg/L	0.00100	1.51%
Se 196.026	30.9	0.0396	mg/L	0.00118	0.0396	mg/L	0.00118	2.97%
Tl 190.801	35.1	0.0248	mg/L	0.00134	0.0248	mg/L	0.00134	5.40%
V 292.402	5932.0	0.0515	mg/L	0.00067	0.0515	mg/L	0.00067	1.31%
Zn 206.200	2408.1	0.0871	mg/L	0.00145	0.0871	mg/L	0.00145	1.66%
Na 330.237	5809.7	3.7926	mg/L	0.07518	3.7926	mg/L	0.07518	1.98%
Cd 226.502	284.4	0.0053	mg/L	0.00006	0.0053	mg/L	0.00006	1.13%
Ti 334.940	211.3	0.0003	mg/L	0.00016	0.0003	mg/L	0.00016	59.78%
Ca 227.546	1422.6	4.9040	mg/L	0.09741	4.9040	mg/L	0.09741	1.99%

Sequence No.: 84 **Autosampler Location: 5**
Sample ID: ICSA **Date Collected: 8/4/2007 2:32:02 AM**
Analyst: **Data Type: Reprocessed on 8/6/2007 8:18:34 AM**
Logged In Analyst (Original) : optima3
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Ag 328.068	-220.1	-0.0034	mg/L	0.00047	-0.0034	mg/L	0.00047	14.09%
Al 308.215	16347912.1	439.67	mg/L	1.307	439.67	mg/L	1.307	0.30%
As 188.979	-14.5	-0.0058	mg/L	0.00023	-0.0058	mg/L	0.00023	4.03%
Ba 233.527	365.3	0.0022	mg/L	0.00005	0.0022	mg/L	0.00005	2.30%
Be 313.107	130.9	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	20.30%
Co 228.616	101.0	0.0331	mg/L	0.00009	0.0331	mg/L	0.00009	0.26%
Cr 267.716	-136.9	-0.0075	mg/L	0.00037	-0.0075	mg/L	0.00037	4.95%
Cu 324.752	-4939.4	-0.0025	mg/L	0.00034	-0.0025	mg/L	0.00034	13.36%
Fe 273.955	6376208.4	169.32	mg/L	0.440	169.32	mg/L	0.440	0.26%
Mg 279.077	12142503.7	433.37	mg/L	1.110	433.37	mg/L	1.110	0.26%
Mn 257.610	2869.9	0.0041	mg/L	0.00042	0.0041	mg/L	0.00042	10.23%
Saturated outside survey window (code 6)								
Ni 231.604	49.6	0.0236	mg/L	0.00033	0.0236	mg/L	0.00033	1.39%
Pb 220.353	-120.1	0.0104	mg/L	0.00093	0.0104	mg/L	0.00093	8.90%
Sb 206.836	-18.8	-0.0021	mg/L	0.00565	-0.0021	mg/L	0.00565	273.49%
Se 196.026	-24.4	0.0069	mg/L	0.01186	0.0069	mg/L	0.01186	171.57%
Tl 190.801	-20.2	0.0047	mg/L	0.00855	0.0047	mg/L	0.00855	180.79%
V 292.402	-530.2	-0.0018	mg/L	0.00007	-0.0018	mg/L	0.00007	4.12%
Zn 206.200	643.4	0.0183	mg/L	0.00136	0.0183	mg/L	0.00136	7.44%
Na 330.237	857.8	-0.2130	mg/L	0.03617	-0.2130	mg/L	0.03617	16.98%
Cd 226.502	502.3	0.0004	mg/L	0.00015	0.0004	mg/L	0.00015	42.66%
Ti 334.940	-5450.8	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	44.22%

Ca 227.546	136808.2	469.10 mg/L	1.430	469.10 mg/L	1.430	0.30%

Sequence No.: 85
Sample ID: ICSAB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/4/2007 2:35:17 AM
Data Type: Reprocessed on 8/6/2007 8:18:35 AM

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
Ag 328.068	28242.5	0.1839	mg/L	0.00034	0.1839	mg/L	0.00034	0.18%
Al 308.215	16344759.2	439.58	mg/L	2.684	439.58	mg/L	2.684	0.61%
As 188.979	66.2	0.0874	mg/L	0.00107	0.0874	mg/L	0.00107	1.22%
Ba 233.527	50781.2	0.4702	mg/L	0.00243	0.4702	mg/L	0.00243	0.52%
Be 313.107	1137650.6	0.4304	mg/L	0.00127	0.4304	mg/L	0.00127	0.29%
Co 228.616	12381.3	0.4456	mg/L	0.00012	0.4456	mg/L	0.00012	0.03%
Cr 267.716	23656.4	0.4248	mg/L	0.00135	0.4248	mg/L	0.00135	0.32%
Cu 324.752	145915.3	0.4570	mg/L	0.00181	0.4570	mg/L	0.00181	0.40%
Fe 273.955	6394965.6	169.81	mg/L	0.828	169.81	mg/L	0.828	0.49%
Mg 279.077	12157275.9	433.90	mg/L	2.238	433.90	mg/L	2.238	0.52%
Mn 257.610	311267.5	0.4470	mg/L	0.00198	0.4470	mg/L	0.00198	0.44%
Ni 231.604	19060.1	0.8384	mg/L	0.00240	0.8384	mg/L	0.00240	0.29%
Pb 220.353	131.7	0.0552	mg/L	0.00192	0.0552	mg/L	0.00192	3.47%
Sb 206.836	689.4	0.5810	mg/L	0.00071	0.5810	mg/L	0.00071	0.12%
Se 196.026	10.2	0.0516	mg/L	0.00545	0.0516	mg/L	0.00545	10.56%
Tl 190.801	98.2	0.0881	mg/L	0.00230	0.0881	mg/L	0.00230	2.61%
V 292.402	49973.9	0.4376	mg/L	0.00122	0.4376	mg/L	0.00122	0.28%
Zn 206.200	24099.4	0.8678	mg/L	0.00538	0.8678	mg/L	0.00538	0.62%
Na 330.237	1699.4	0.3301	mg/L	0.01824	0.3301	mg/L	0.01824	5.53%
Cd 226.502	45467.0	0.8435	mg/L	0.00253	0.8435	mg/L	0.00253	0.30%
Ti 334.940	-5476.4	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	1.01%
Ca 227.546	137293.5	470.72	mg/L	2.383	470.72	mg/L	2.383	0.51%

Sequence No.: 86
Sample ID: CCV
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/4/2007 2:38:30 AM
Data Type: Reprocessed on 8/6/2007 8:18:35 AM

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
Ag 328.068	181898.3	1.2000	mg/L	0.00301	1.2000	mg/L	0.00301	0.25%
Al 308.215	367771.6	9.8710	mg/L	0.00563	9.8710	mg/L	0.00563	0.06%
As 188.979	470.6	0.5213	mg/L	0.00084	0.5213	mg/L	0.00084	0.16%
Ba 233.527	1151771.0	10.682	mg/L	0.0627	10.682	mg/L	0.0627	0.59%
Be 313.107	680239.3	0.2574	mg/L	0.00250	0.2574	mg/L	0.00250	0.97%
Co 228.616	78623.0	2.6425	mg/L	0.00151	2.6425	mg/L	0.00151	0.06%
Cr 267.716	57094.7	1.0369	mg/L	0.00110	1.0369	mg/L	0.00110	0.11%
Cu 324.752	409381.8	1.2477	mg/L	0.00922	1.2477	mg/L	0.00922	0.74%
Fe 273.955	203771.6	5.4439	mg/L	0.02569	5.4439	mg/L	0.02569	0.47%
Mg 279.077	734600.6	26.253	mg/L	0.1513	26.253	mg/L	0.1513	0.58%
Mn 257.610	1817411.6	2.6098	mg/L	0.02001	2.6098	mg/L	0.02001	0.77%
Ni 231.604	61599.8	2.6408	mg/L	0.01024	2.6408	mg/L	0.01024	0.39%
Pb 220.353	3010.6	0.5366	mg/L	0.00185	0.5366	mg/L	0.00185	0.34%
Sb 206.836	600.3	0.4757	mg/L	0.00190	0.4757	mg/L	0.00190	0.40%
Se 196.026	399.7	0.5152	mg/L	0.00578	0.5152	mg/L	0.00578	1.12%
Tl 190.801	738.5	0.5206	mg/L	0.00143	0.5206	mg/L	0.00143	0.27%
V 292.402	296959.1	2.5812	mg/L	0.02462	2.5812	mg/L	0.02462	0.95%
Zn 206.200	75381.7	2.7284	mg/L	0.00167	2.7284	mg/L	0.00167	0.06%
Na 330.237	36793.5	24.017	mg/L	0.0898	24.017	mg/L	0.0898	0.37%
Cd 226.502	13867.7	0.2609	mg/L	0.00043	0.2609	mg/L	0.00043	0.16%
Ti 334.940	499.7	0.0007	mg/L	0.00008	0.0007	mg/L	0.00008	11.08%
Ca 227.546	7348.2	25.104	mg/L	0.1257	25.104	mg/L	0.1257	0.50%

Sequence No.: 87
Sample ID: CCB
Analyst:
Logged In Analyst (Original) : optima3
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/4/2007 2:41:42 AM
Data Type: Reprocessed on 8/6/2007 8:18:36 AM

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
Ag 328.068	22.9	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012	86.75%
Al 308.215	2141.0	0.0576	mg/L	0.02285	0.0576	mg/L	0.02285	39.69%
As 188.979	0.2	0.0002	mg/L	0.00294	0.0002	mg/L	0.00294	>999.9%
Ba 233.527	248.8	0.0023	mg/L	0.00014	0.0023	mg/L	0.00014	6.05%
Be 313.107	191.0	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	4.60%
Co 228.616	15.0	0.0005	mg/L	0.00006	0.0005	mg/L	0.00006	11.34%
Cr 267.716	10.9	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	27.60%
Cu 324.752	547.9	0.0017	mg/L	0.00072	0.0017	mg/L	0.00072	42.80%
Fe 273.955	4802.2	0.1252	mg/L	0.00412	0.1252	mg/L	0.00412	3.29%
Saturated within auto integration window (code 4)								
Mg 279.077	1553.1	0.0554	mg/L	0.02193	0.0554	mg/L	0.02193	39.56%
Mn 257.610	2170.6	0.0031	mg/L	0.00010	0.0031	mg/L	0.00010	3.17%
Saturated within auto integration window (code 4)								
Ni 231.604	15.7	0.0007	mg/L	0.00023	0.0007	mg/L	0.00023	34.54%
Pb 220.353	76.7	0.0137	mg/L	0.00138	0.0137	mg/L	0.00138	10.12%
Sb 206.836	1.0	0.0009	mg/L	0.00036	0.0009	mg/L	0.00036	41.53%
Se 196.026	3.6	0.0047	mg/L	0.00477	0.0047	mg/L	0.00477	101.83%
Tl 190.801	-4.0	-0.0028	mg/L	0.00108	-0.0028	mg/L	0.00108	39.15%
V 292.402	48.6	0.0004	mg/L	0.00024	0.0004	mg/L	0.00024	57.38%
Zn 206.200	412.4	0.0149	mg/L	0.00020	0.0149	mg/L	0.00020	1.35%
Na 330.237	53.1	0.0346	mg/L	0.01269	0.0346	mg/L	0.01269	36.73%
Cd 226.502	7.1	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	25.11%
Ti 334.940	107.4	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	3.53%
Ca 227.546	54.6	0.1858	mg/L	0.00287	0.1858	mg/L	0.00287	1.54%

Analysis Begun

Start Time: 8/6/2007 10:18:48 AM
Plasma On Time: 8/6/2007 5:57:59 AM
Logged In Analyst: optima3
Technique: ICP Continuous
Spectrometer Model: Optima 4300 DV, S/N 077N3102302Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0806B.sif
Batch ID:
Results Data Set: B07080602
Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: CLP
Method Last Saved: 8/2/2007 10:34:25 AM
IEC File: B070712X.iec
MSF File:
Method Description: working method for all elements

Sequence No.: 1
Autosampler Location: 1
Sample ID: S0
Date Collected: 8/6/2007 10:18:48 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	5766.8	44.73	0.78%	[0.00]	mg/L
Cr 267.716	-28.1	4.59	16.34%	[0.00]	mg/L
Cu 324.752	1185.5	44.70	3.77%	[0.00]	mg/L
Fe 273.955	-9.1	62.14	682.38%	[0.00]	mg/L
Mg 279.077	-133.3	16.84	12.64%	[0.00]	mg/L
Mn 257.610	67.8	38.68	57.07%	[0.00]	mg/L
Ni 231.604	-8.6	0.04	0.47%	[0.00]	mg/L
Pb 220.353	29.1	0.96	3.30%	[0.00]	mg/L
Tl 190.801	-3.2	1.13	34.86%	[0.00]	mg/L
V 292.402	-38.8	8.08	20.85%	[0.00]	mg/L
Ti 334.940	10.2	17.73	174.13%	[0.00]	mg/L
Ca 227.546	65.5	1.59	2.43%	[0.00]	mg/L

Sequence No.: 2
Autosampler Location: 9
Sample ID: S1
Date Collected: 8/6/2007 10:22:27 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	701762.3	3321.21	0.47%	[20]	mg/L
Cr 267.716	109818.6	515.49	0.47%	[2]	mg/L
Cu 324.752	772921.2	3025.48	0.39%	[2.5]	mg/L
Fe 273.955	373315.3	1035.14	0.28%	[10]	mg/L
Mg 279.077	1361521.2	6067.11	0.45%	[50]	mg/L
Mn 257.610	3383768.6	15033.40	0.44%	[5]	mg/L
Ni 231.604	116730.3	705.23	0.60%	[5]	mg/L
Pb 220.353	5576.3	11.03	0.20%	[1]	mg/L
Tl 190.801	1379.8	4.65	0.34%	[1]	mg/L
V 292.402	565945.9	637.06	0.11%	[5]	mg/L
Ti 334.940	950607.4	4298.49	0.45%	[1]	mg/L
Ca 227.546	13854.5	2.70	0.02%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope

Al 308.215	1	Lin Thru 0	0.0	35090	0.00000	1.000000
Cr 267.716	1	Lin Thru 0	0.0	54910	0.00000	1.000000
Cu 324.752	1	Lin Thru 0	0.0	309200	0.00000	1.000000
Fe 273.955	1	Lin Thru 0	0.0	37330	0.00000	1.000000
Mg 279.077	1	Lin Thru 0	0.0	27230	0.00000	1.000000
Mn 257.610	1	Lin Thru 0	0.0	676800	0.00000	1.000000
Ni 231.604	1	Lin Thru 0	0.0	23350	0.00000	1.000000
Pb 220.353	1	Lin Thru 0	0.0	5576	0.00000	1.000000
Tl 190.801	1	Lin Thru 0	0.0	1380	0.00000	1.000000
V 292.402	1	Lin Thru 0	0.0	113200	0.00000	1.000000
Ti 334.940	1	Lin Thru 0	0.0	950600	0.00000	1.000000
Ca 227.546	1	Lin Thru 0	0.0	277.1	0.00000	1.000000

Sequence No.: 3 **Autosampler Location: 10**
Sample ID: ICV **Date Collected: 8/6/2007 10:25:40 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	516567.1	14.693	mg/L	0.0033	14.693	mg/L	0.0033	0.02%
Cr 267.716	81763.9	1.4887	mg/L	0.00531	1.4887	mg/L	0.00531	0.36%
Cu 324.752	563071.4	1.8224	mg/L	0.00018	1.8224	mg/L	0.00018	0.01%
Fe 273.955	276738.3	7.6724	mg/L	0.00056	7.6724	mg/L	0.00056	0.01%
Mg 279.077	1005786.0	36.980	mg/L	0.0161	36.980	mg/L	0.0161	0.04%
Mn 257.610	2511828.2	3.7117	mg/L	0.00642	3.7117	mg/L	0.00642	0.17%
Ni 231.604	86864.7	3.7214	mg/L	0.02367	3.7214	mg/L	0.02367	0.64%
Pb 220.353	4140.2	0.7434	mg/L	0.00130	0.7434	mg/L	0.00130	0.17%
Tl 190.801	1038.4	0.7560	mg/L	0.00054	0.7560	mg/L	0.00054	0.07%
V 292.402	420326.7	3.7164	mg/L	0.01001	3.7164	mg/L	0.01001	0.27%
Ti 334.940	946.3	0.0013	mg/L	0.00006	0.0013	mg/L	0.00006	5.05%
Ca 227.546	10314.7	36.823	mg/L	0.0685	36.823	mg/L	0.0685	0.19%

Sequence No.: 4 **Autosampler Location: 4**
Sample ID: ICB **Date Collected: 8/6/2007 10:28:48 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	1.7	0.0000	mg/L	0.00015	0.0000	mg/L	0.00015	332.24%
Cr 267.716	-2.3	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	104.72%
Cu 324.752	-28.9	-0.0001	mg/L	0.00024	-0.0001	mg/L	0.00024	264.13%
Fe 273.955	461.7	0.0126	mg/L	0.02302	0.0126	mg/L	0.02302	182.72%
Mg 279.077	68.1	0.0025	mg/L	0.00168	0.0025	mg/L	0.00168	67.31%
Mn 257.610	322.3	0.0005	mg/L	0.00043	0.0005	mg/L	0.00043	91.29%
Ni 231.604	5.0	0.0002	mg/L	0.00029	0.0002	mg/L	0.00029	134.65%
Pb 220.353	3.8	0.0007	mg/L	0.00140	0.0007	mg/L	0.00140	204.94%
Tl 190.801	0.1	0.0000	mg/L	0.00098	0.0000	mg/L	0.00098	>999.9%
V 292.402	41.1	0.0004	mg/L	0.00013	0.0004	mg/L	0.00013	35.28%
Ti 334.940	27.7	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	142.44%
Ca 227.546	15.6	0.0561	mg/L	0.01569	0.0561	mg/L	0.01569	27.97%

Sequence No.: 5 **Autosampler Location: 7**
Sample ID: CRI **Date Collected: 8/6/2007 10:32:30 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CRI

Analyte	Mean Corrected	Calib	Sample

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Al 308.215	7265.8	0.2067	mg/L	0.00502	0.2067	mg/L	0.00502	2.43%
Cr 267.716	576.6	0.0105	mg/L	0.00012	0.0105	mg/L	0.00012	1.15%
Cu 324.752	7795.9	0.0254	mg/L	0.00043	0.0254	mg/L	0.00043	1.68%
Fe 273.955	3959.2	0.1320	mg/L	0.00336	0.1320	mg/L	0.00336	2.54%
Mg 279.077	145178.9	5.3317	mg/L	0.06140	5.3317	mg/L	0.06140	1.15%
Mn 257.610	11071.3	0.0164	mg/L	0.00025	0.0164	mg/L	0.00025	1.54%
Ni 231.604	1020.8	0.0438	mg/L	0.00038	0.0438	mg/L	0.00038	0.87%
Pb 220.353	56.2	0.0101	mg/L	0.00040	0.0101	mg/L	0.00040	3.91%
Tl 190.801	35.5	0.0258	mg/L	0.00153	0.0258	mg/L	0.00153	5.94%
V 292.402	5886.5	0.0520	mg/L	0.00102	0.0520	mg/L	0.00102	1.95%
Ti 334.940	-120.7	-0.0001	mg/L	0.00001	-0.0001	mg/L	0.00001	20.45%
Ca 227.546	1354.5	4.8823	mg/L	0.02284	4.8823	mg/L	0.02284	0.47%

Sequence No.: 6
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/6/2007 10:35:34 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	17523293.4	499.41	mg/L	4.818	499.41	mg/L	4.818	0.96%
Cr 267.716	-137.3	0.0148	mg/L	0.00029	0.0148	mg/L	0.00029	1.93%
Cu 324.752	-4761.3	-0.0015	mg/L	0.00372	-0.0015	mg/L	0.00372	246.50%
Fe 273.955	6761216.2	186.18	mg/L	1.351	186.18	mg/L	1.351	0.73%
Mg 279.077	12913131.2	474.13	mg/L	3.332	474.13	mg/L	3.332	0.70%
Mn 257.610	4244.5	0.0063	mg/L	0.00582	0.0063	mg/L	0.00582	92.81%
Saturated outside survey window (code 6)								
Ni 231.604	51.3	0.0263	mg/L	0.00061	0.0263	mg/L	0.00061	2.32%
Pb 220.353	-164.6	0.0064	mg/L	0.00111	0.0064	mg/L	0.00111	17.25%
Tl 190.801	-13.7	0.0051	mg/L	0.00149	0.0051	mg/L	0.00149	29.47%
V 292.402	-494.4	-0.0013	mg/L	0.00003	-0.0013	mg/L	0.00003	2.35%
Ti 334.940	-5805.6	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	0.19%
Ca 227.546	145035.1	519.50	mg/L	1.772	519.50	mg/L	1.772	0.34%

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/6/2007 10:38:48 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	16255020.0	463.26	mg/L	0.822	463.26	mg/L	0.822	0.18%
Cr 267.716	24429.1	0.4608	mg/L	0.00299	0.4608	mg/L	0.00299	0.65%
Cu 324.752	143736.3	0.4781	mg/L	0.00264	0.4781	mg/L	0.00264	0.55%
Fe 273.955	6301514.2	173.53	mg/L	0.333	173.53	mg/L	0.333	0.19%
Mg 279.077	11981649.1	439.94	mg/L	0.734	439.94	mg/L	0.734	0.17%
Mn 257.610	310111.9	0.4583	mg/L	0.00197	0.4583	mg/L	0.00197	0.43%
Ni 231.604	19069.1	0.8393	mg/L	0.00570	0.8393	mg/L	0.00570	0.68%
Pb 220.353	79.6	0.0477	mg/L	0.00131	0.0477	mg/L	0.00131	2.74%
Tl 190.801	103.3	0.0892	mg/L	0.00089	0.0892	mg/L	0.00089	1.00%
V 292.402	50995.9	0.4542	mg/L	0.00361	0.4542	mg/L	0.00361	0.79%
Ti 334.940	-5507.5	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	11.29%
Ca 227.546	136887.9	490.32	mg/L	2.702	490.32	mg/L	2.702	0.55%

Sequence No.: 8
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/6/2007 10:41:58 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	344547.7	9.8001	mg/L	0.03872	9.8001	mg/L	0.03872	0.40%
Cr 267.716	54560.0	0.9934	mg/L	0.00873	0.9934	mg/L	0.00873	0.88%
Cu 324.752	377689.2	1.2224	mg/L	0.00634	1.2224	mg/L	0.00634	0.52%
Fe 273.955	187695.2	5.2010	mg/L	0.01690	5.2010	mg/L	0.01690	0.32%
Mg 279.077	679307.6	24.976	mg/L	0.0610	24.976	mg/L	0.0610	0.24%
Mn 257.610	1692799.0	2.5014	mg/L	0.00186	2.5014	mg/L	0.00186	0.07%
Ni 231.604	58445.9	2.5039	mg/L	0.01966	2.5039	mg/L	0.01966	0.79%
Pb 220.353	2787.6	0.5005	mg/L	0.00361	0.5005	mg/L	0.00361	0.72%
Tl 190.801	694.7	0.5058	mg/L	0.00393	0.5058	mg/L	0.00393	0.78%
V 292.402	281147.0	2.4858	mg/L	0.01261	2.4858	mg/L	0.01261	0.51%
Ti 334.940	423.3	0.0006	mg/L	0.00002	0.0006	mg/L	0.00002	2.54%
Ca 227.546	6867.8	24.514	mg/L	0.1394	24.514	mg/L	0.1394	0.57%

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Sequence No.: 9
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/6/2007 10:45:05 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	300.0	0.0085	mg/L	0.00253	0.0085	mg/L	0.00253	29.60%
Cr 267.716	2.7	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	117.53%
Cu 324.752	-130.4	-0.0004	mg/L	0.00005	-0.0004	mg/L	0.00005	12.56%
Fe 273.955	678.2	0.0183	mg/L	0.02037	0.0183	mg/L	0.02037	111.15%
Mg 279.077	322.2	0.0118	mg/L	0.00193	0.0118	mg/L	0.00193	16.35%
Mn 257.610	264.6	0.0004	mg/L	0.00036	0.0004	mg/L	0.00036	93.18%
Ni 231.604	6.5	0.0003	mg/L	0.00002	0.0003	mg/L	0.00002	7.92%
Pb 220.353	4.2	0.0007	mg/L	0.00030	0.0007	mg/L	0.00030	40.08%
Tl 190.801	-0.9	-0.0007	mg/L	0.00161	-0.0007	mg/L	0.00161	240.41%
V 292.402	24.0	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	22.73%
Ti 334.940	-55.5	-0.0001	mg/L	0.00000	-0.0001	mg/L	0.00000	1.16%
Ca 227.546	7.2	0.0257	mg/L	0.04954	0.0257	mg/L	0.04954	192.90%

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Sequence No.: 10
Sample ID: MB-31386,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 98
Date Collected: 8/6/2007 10:48:46 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	908.2	0.0259	mg/L	0.00063	0.0259	mg/L	0.00063	2.42%
Cr 267.716	63.5	0.0012	mg/L	0.00010	0.0012	mg/L	0.00010	8.84%
Cu 324.752	8933.6	0.0289	mg/L	0.00010	0.0289	mg/L	0.00010	0.35%
Fe 273.955	1830.8	0.0501	mg/L	0.00113	0.0501	mg/L	0.00113	2.26%
Mg 279.077	515.2	0.0189	mg/L	0.00148	0.0189	mg/L	0.00148	7.84%
Mn 257.610	1845.8	0.0027	mg/L	0.00005	0.0027	mg/L	0.00005	1.93%
Ni 231.604	15.7	0.0007	mg/L	0.00005	0.0007	mg/L	0.00005	8.06%
Pb 220.353	21.1	0.0038	mg/L	0.00066	0.0038	mg/L	0.00066	17.37%
Tl 190.801	0.0	0.0000	mg/L	0.00122	0.0000	mg/L	0.00122	>999.9%
V 292.402	36.2	0.0003	mg/L	0.00024	0.0003	mg/L	0.00024	75.95%
Ti 334.940	368.8	0.0004	mg/L	0.00002	0.0004	mg/L	0.00002	5.43%
Ca 227.546	62.5	0.2243	mg/L	0.00847	0.2243	mg/L	0.00847	3.77%

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Sequence No.: 11
Sample ID: LCS-31386,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 99
Date Collected: 8/6/2007 10:51:53 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	2500980.7	71.269	mg/L	0.2536	71.269	mg/L	0.2536	0.36%
Cr 267.716	71571.6	1.3048	mg/L	0.00230	1.3048	mg/L	0.00230	0.18%
Cu 324.752	300169.3	0.9709	mg/L	0.00266	0.9709	mg/L	0.00266	0.27%
Fe 273.955	4548241.3	122.37	mg/L	0.287	122.37	mg/L	0.287	0.23%
Mg 279.077	650327.4	23.867	mg/L	0.0602	23.867	mg/L	0.0602	0.25%
Mn 257.610	2233407.2	3.3003	mg/L	0.00815	3.3003	mg/L	0.00815	0.25%
Ni 231.604	51466.0	2.2046	mg/L	0.01364	2.2046	mg/L	0.01364	0.62%
Pb 220.353	5862.4	1.0556	mg/L	0.01661	1.0556	mg/L	0.01661	1.57%
Tl 190.801	1856.8	1.3730	mg/L	0.00046	1.3730	mg/L	0.00046	0.03%
V 292.402	162320.7	1.4382	mg/L	0.00286	1.4382	mg/L	0.00286	0.20%
Ti 334.940	2846830.0	2.9951	mg/L	0.00749	2.9951	mg/L	0.00749	0.25%
Ca 227.546	10745.3	36.053	mg/L	0.6356	36.053	mg/L	0.6356	1.76%

Sequence No.: 12
Sample ID: F0936-01B,31386
Analyst:
Initial Sample Wt:
Dilution: 5x Pb

Autosampler Location: 100
Date Collected: 8/6/2007 10:54:28 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-01B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	319119.9	9.0946	mg/L	0.11420	9.0946	mg/L	0.11420	1.26%
Cr 267.716	1590.0	0.0289	mg/L	0.00016	0.0289	mg/L	0.00016	0.54%
Cu 324.752	105697.6	0.3419	mg/L	0.00358	0.3419	mg/L	0.00358	1.05%
Fe 273.955	1227545.2	32.973	mg/L	0.1037	32.973	mg/L	0.1037	0.31%
Mg 279.077	105894.1	3.8832	mg/L	0.04852	3.8832	mg/L	0.04852	1.25%
Mn 257.610	534353.1	0.7896	mg/L	0.00327	0.7896	mg/L	0.00327	0.41%
Ni 231.604	727.2	0.0315	mg/L	0.00004	0.0315	mg/L	0.00004	0.13%
Pb 220.353	5862.8	1.0517	mg/L	0.00152	1.0517	mg/L	0.00152	0.14%
Tl 190.801	-0.4	0.0081	mg/L	0.00064	0.0081	mg/L	0.00064	7.85%
V 292.402	2733.7	0.0248	mg/L	0.00021	0.0248	mg/L	0.00021	0.84%
Ti 334.940	121995.1	0.1285	mg/L	0.00142	0.1285	mg/L	0.00142	1.11%
Ca 227.546	2840.2	9.5473	mg/L	0.09390	9.5473	mg/L	0.09390	0.98%

Sequence No.: 13
Sample ID: F0936-02B,31386
Analyst:
Initial Sample Wt:
Dilution: 5x Pb

Autosampler Location: 101
Date Collected: 8/6/2007 10:57:40 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-02B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	296576.8	8.4521	mg/L	0.01971	8.4521	mg/L	0.01971	0.23%
Cr 267.716	1811.8	0.0331	mg/L	0.00012	0.0331	mg/L	0.00012	0.37%
Cu 324.752	200483.8	0.6493	mg/L	0.00312	0.6493	mg/L	0.00312	0.48%
Fe 273.955	341181.3	9.3112	mg/L	0.01936	9.3112	mg/L	0.01936	0.21%
Mg 279.077	20465.7	0.7512	mg/L	0.00253	0.7512	mg/L	0.00253	0.34%
Mn 257.610	217430.5	0.3213	mg/L	0.00046	0.3213	mg/L	0.00046	0.14%
Ni 231.604	4194.3	0.1805	mg/L	0.00055	0.1805	mg/L	0.00055	0.30%
Pb 220.353	5864.5	1.0522	mg/L	0.00101	1.0522	mg/L	0.00101	0.10%
Tl 190.801	-2.3	0.0003	mg/L	0.00250	0.0003	mg/L	0.00250	825.16%
V 292.402	3089.8	0.0274	mg/L	0.00025	0.0274	mg/L	0.00025	0.91%
Ti 334.940	158675.1	0.1673	mg/L	0.00009	0.1673	mg/L	0.00009	0.05%
Ca 227.546	8930.8	32.025	mg/L	0.0674	32.025	mg/L	0.0674	0.21%

Sequence No.: 14
Sample ID: F0936-05B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 102
Date Collected: 8/6/2007 11:00:47 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-05B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1272933.2	36.277	mg/L	0.2627	36.277	mg/L	0.2627	0.72%
Cr 267.716	3252.9	0.0551	mg/L	0.00013	0.0551	mg/L	0.00013	0.24%
Cu 324.752	94845.2	0.3037	mg/L	0.00144	0.3037	mg/L	0.00144	0.47%
Fe 273.955	13942801.4	373.77	mg/L	0.431	373.77	mg/L	0.431	0.12%
Mg 279.077	272861.6	9.9778	mg/L	0.04147	9.9778	mg/L	0.04147	0.42%
Mn 257.610	7332889.5	10.835	mg/L	0.0072	10.835	mg/L	0.0072	0.07%
Ni 231.604	9253.3	0.3975	mg/L	0.00129	0.3975	mg/L	0.00129	0.32%
Pb 220.353	791.8	0.1421	mg/L	0.00152	0.1421	mg/L	0.00152	1.07%
Tl 190.801	-12.7	0.0943	mg/L	0.00212	0.0943	mg/L	0.00212	2.25%
V 292.402	11108.6	0.1054	mg/L	0.00040	0.1054	mg/L	0.00040	0.38%
Ti 334.940	302547.3	0.3185	mg/L	0.00134	0.3185	mg/L	0.00134	0.42%
Ca 227.546	6144.2	14.224	mg/L	0.0441	14.224	mg/L	0.0441	0.31%

Sequence No.: 15
Sample ID: F0936-06B,31386
Analyst:
Initial Sample Wt:
Dilution: 5x Pb

Autosampler Location: 103
Date Collected: 8/6/2007 11:04:01 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-06B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1249567.2	35.612	mg/L	0.0835	35.612	mg/L	0.0835	0.23%
Cr 267.716	3857.1	0.0712	mg/L	0.00002	0.0712	mg/L	0.00002	0.03%
Cu 324.752	436455.2	1.4133	mg/L	0.00454	1.4133	mg/L	0.00454	0.32%
Fe 273.955	1249545.6	33.911	mg/L	0.0214	33.911	mg/L	0.0214	0.06%
Mg 279.077	188776.4	6.9235	mg/L	0.00751	6.9235	mg/L	0.00751	0.11%
Mn 257.610	351131.6	0.5189	mg/L	0.00204	0.5189	mg/L	0.00204	0.39%
Ni 231.604	1187.4	0.0526	mg/L	0.00009	0.0526	mg/L	0.00009	0.17%
Pb 220.353	10549.1	1.8939	mg/L	0.01778	1.8939	mg/L	0.01778	0.94%
Tl 190.801	-2.8	0.0041	mg/L	0.00053	0.0041	mg/L	0.00053	13.09%
V 292.402	5995.3	0.0534	mg/L	0.00051	0.0534	mg/L	0.00051	0.95%
Ti 334.940	770037.6	0.8108	mg/L	0.00443	0.8108	mg/L	0.00443	0.55%
Ca 227.546	17607.5	62.820	mg/L	0.5079	62.820	mg/L	0.5079	0.81%

Sequence No.: 16
Sample ID: F0936-10B,31386
Analyst:
Initial Sample Wt:
Dilution: 10x Pb

Autosampler Location: 104
Date Collected: 8/6/2007 11:07:09 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-10B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	198758.4	5.6643	mg/L	0.00409	5.6643	mg/L	0.00409	0.07%
Cr 267.716	1509.1	0.0277	mg/L	0.00012	0.0277	mg/L	0.00012	0.43%
Cu 324.752	58353.0	0.1889	mg/L	0.00021	0.1889	mg/L	0.00021	0.11%
Fe 273.955	1151850.0	30.944	mg/L	0.0215	30.944	mg/L	0.0215	0.07%
Mg 279.077	46629.0	1.7023	mg/L	0.00232	1.7023	mg/L	0.00232	0.14%
Mn 257.610	225174.1	0.3327	mg/L	0.00074	0.3327	mg/L	0.00074	0.22%
Ni 231.604	700.5	0.0304	mg/L	0.00030	0.0304	mg/L	0.00030	0.98%
Pb 220.353	9558.3	1.7144	mg/L	0.00030	1.7144	mg/L	0.00030	0.02%
Tl 190.801	-2.5	0.0058	mg/L	0.00193	0.0058	mg/L	0.00193	33.10%
V 292.402	2805.0	0.0253	mg/L	0.00002	0.0253	mg/L	0.00002	0.07%
Ti 334.940	125698.7	0.1324	mg/L	0.00048	0.1324	mg/L	0.00048	0.36%
Ca 227.546	4080.0	14.065	mg/L	0.0257	14.065	mg/L	0.0257	0.18%

Sequence No.: 17
Sample ID: F0936-13B,31386
Analyst:
Initial Sample Wt:

Autosampler Location: 105
Date Collected: 8/6/2007 11:10:16 AM
Data Type: Original
Initial Sample Vol:

Dilution: 5x Pb Sample Prep Vol:

Mean Data: F0936-13B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	915606.7	26.092	mg/L	0.0906	26.092	mg/L	0.0906	0.35%
Cr 267.716	3410.9	0.0628	mg/L	0.00026	0.0628	mg/L	0.00026	0.41%
Cu 324.752	1185358.1	3.8336	mg/L	0.01075	3.8336	mg/L	0.01075	0.28%
Fe 273.955	3184495.2	85.507	mg/L	0.3660	85.507	mg/L	0.3660	0.43%
Mg 279.077	316299.3	11.594	mg/L	0.0483	11.594	mg/L	0.0483	0.42%
Mn 257.610	989584.6	1.4623	mg/L	0.00621	1.4623	mg/L	0.00621	0.42%
Ni 231.604	7727.6	0.3313	mg/L	0.00325	0.3313	mg/L	0.00325	0.98%
Pb 220.353	6764.1	1.2131	mg/L	0.00580	1.2131	mg/L	0.00580	0.48%
Tl 190.801	-6.3	0.0162	mg/L	0.00071	0.0162	mg/L	0.00071	4.39%
V 292.402	30912.8	0.2743	mg/L	0.00213	0.2743	mg/L	0.00213	0.78%
Ti 334.940	458881.9	0.4829	mg/L	0.00183	0.4829	mg/L	0.00183	0.38%
Ca 227.546	4299.9	13.660	mg/L	0.0262	13.660	mg/L	0.0262	0.19%

Sequence No.: 18
Sample ID: F0936-14B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 106
Date Collected: 8/6/2007 11:13:29 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	3607278.8	102.80	mg/L	0.154	102.80	mg/L	0.154	0.15%
Cr 267.716	10985.6	0.2007	mg/L	0.00018	0.2007	mg/L	0.00018	0.09%
Cu 324.752	128767.6	0.4144	mg/L	0.00020	0.4144	mg/L	0.00020	0.05%
Fe 273.955	10956109.8	294.15	mg/L	1.856	294.15	mg/L	1.856	0.63%
Mg 279.077	1382576.2	50.719	mg/L	0.0269	50.719	mg/L	0.0269	0.05%
Mn 257.610	4534465.7	6.7003	mg/L	0.04356	6.7003	mg/L	0.04356	0.65%
Ni 231.604	6249.5	0.2700	mg/L	0.00049	0.2700	mg/L	0.00049	0.18%
Pb 220.353	3167.7	0.5731	mg/L	0.00099	0.5731	mg/L	0.00099	0.17%
Tl 190.801	-17.5	0.0611	mg/L	0.00197	0.0611	mg/L	0.00197	3.23%
V 292.402	20137.0	0.1836	mg/L	0.00027	0.1836	mg/L	0.00027	0.15%
Ti 334.940	902367.0	0.9495	mg/L	0.00093	0.9495	mg/L	0.00093	0.10%
Ca 227.546	7364.4	20.317	mg/L	0.0148	20.317	mg/L	0.0148	0.07%

Sequence No.: 19
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/6/2007 11:16:44 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	347695.0	9.8896	mg/L	0.06004	9.8896	mg/L	0.06004	0.61%
Cr 267.716	55476.5	1.0101	mg/L	0.00927	1.0101	mg/L	0.00927	0.92%
Cu 324.752	380312.9	1.2309	mg/L	0.00594	1.2309	mg/L	0.00594	0.48%
Fe 273.955	189769.8	5.2569	mg/L	0.02645	5.2569	mg/L	0.02645	0.50%
Mg 279.077	682762.9	25.104	mg/L	0.1157	25.104	mg/L	0.1157	0.46%
Mn 257.610	1718481.4	2.5394	mg/L	0.01596	2.5394	mg/L	0.01596	0.63%
Ni 231.604	59253.9	2.5385	mg/L	0.02419	2.5385	mg/L	0.02419	0.95%
Pb 220.353	2794.3	0.5017	mg/L	0.00197	0.5017	mg/L	0.00197	0.39%
Tl 190.801	696.1	0.5069	mg/L	0.00182	0.5069	mg/L	0.00182	0.36%
V 292.402	284273.2	2.5134	mg/L	0.02077	2.5134	mg/L	0.02077	0.83%
Ti 334.940	587.4	0.0008	mg/L	0.00005	0.0008	mg/L	0.00005	5.73%
Ca 227.546	6854.2	24.462	mg/L	0.0112	24.462	mg/L	0.0112	0.05%

Sequence No.: 20
Sample ID: CCB
Analyst:

Autosampler Location: 4
Date Collected: 8/6/2007 11:19:51 AM
Data Type: Original

Initial Sample Wt: 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	161.2	0.0046	mg/L	0.00102	0.0046	mg/L	0.00102	22.21%
Cr 267.716	4.9	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	20.79%
Cu 324.752	-233.6	-0.0008	mg/L	0.00003	-0.0008	mg/L	0.00003	3.78%
Fe 273.955	168.7	0.0047	mg/L	0.00171	0.0047	mg/L	0.00171	36.54%
Mg 279.077	22.0	0.0008	mg/L	0.00034	0.0008	mg/L	0.00034	41.71%
Mn 257.610	135.7	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	33.66%
Ni 231.604	6.9	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008	28.56%
Pb 220.353	-0.2	0.0000	mg/L	0.00109	0.0000	mg/L	0.00109	>999.9%
Tl 190.801	-0.8	-0.0006	mg/L	0.00136	-0.0006	mg/L	0.00136	223.13%
V 292.402	21.2	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002	12.17%
Ti 334.940	3.4	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	668.58%
Ca 227.546	8.7	0.0314	mg/L	0.01173	0.0314	mg/L	0.01173	37.40%

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Sequence No.: 21 Autosampler Location: 107
Sample ID: F0936-14BDUP,31386 Date Collected: 8/6/2007 11:23:32 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0936-14BDUP,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	3778846.7	107.69	mg/L	0.044	107.69	mg/L	0.044	0.04%
Cr 267.716	9315.1	0.1678	mg/L	0.00039	0.1678	mg/L	0.00039	0.23%
Cu 324.752	3597729.0	11.635	mg/L	0.0933	11.635	mg/L	0.0933	0.80%
Fe 273.955	9825264.9	263.93	mg/L	1.771	263.93	mg/L	1.771	0.67%
Mg 279.077	1330745.0	48.858	mg/L	0.0143	48.858	mg/L	0.0143	0.03%
Mn 257.610	6209570.5	9.1755	mg/L	0.06441	9.1755	mg/L	0.06441	0.70%
Ni 231.604	6387.2	0.2752	mg/L	0.00128	0.2752	mg/L	0.00128	0.46%
Pb 220.353	5542.3	0.9946	mg/L	0.00579	0.9946	mg/L	0.00579	0.58%
Tl 190.801	-13.3	0.0585	mg/L	0.00374	0.0585	mg/L	0.00374	6.39%
V 292.402	22043.6	0.1988	mg/L	0.00157	0.1988	mg/L	0.00157	0.79%
Ti 334.940	1097880.2	1.1554	mg/L	0.00030	1.1554	mg/L	0.00030	0.03%
Ca 227.546	10775.4	33.215	mg/L	0.1404	33.215	mg/L	0.1404	0.42%

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Sequence No.: 22 Autosampler Location: 19
Sample ID: F0936-14BMS,31386 Date Collected: 8/6/2007 11:26:48 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0936-14BMS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	3890928.9	110.88	mg/L	0.837	110.88	mg/L	0.837	0.75%
Cr 267.716	32907.1	0.6011	mg/L	0.00573	0.6011	mg/L	0.00573	0.95%
Cu 324.752	329224.5	1.0631	mg/L	0.00710	1.0631	mg/L	0.00710	0.67%
Fe 273.955	9701843.5	260.58	mg/L	0.885	260.58	mg/L	0.885	0.34%
Mg 279.077	1274471.6	46.758	mg/L	0.3151	46.758	mg/L	0.3151	0.67%
Mn 257.610	4103099.5	6.0630	mg/L	0.01605	6.0630	mg/L	0.01605	0.26%
Ni 231.604	31116.9	1.3350	mg/L	0.01357	1.3350	mg/L	0.01357	1.02%
Pb 220.353	4345.6	0.7850	mg/L	0.00522	0.7850	mg/L	0.00522	0.66%
Tl 190.801	136.7	0.1623	mg/L	0.00038	0.1623	mg/L	0.00038	0.23%
V 292.402	141845.9	1.2589	mg/L	0.01171	1.2589	mg/L	0.01171	0.93%
Ti 334.940	1145763.2	1.2055	mg/L	0.00962	1.2055	mg/L	0.00962	0.80%
Ca 227.546	6813.7	18.971	mg/L	0.1247	18.971	mg/L	0.1247	0.66%

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Sequence No.: 23 Autosampler Location: 108
Sample ID: F0936-14BSD,31386 Date Collected: 8/6/2007 11:30:01 AM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-14BSD,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	773258.0	22.037	mg/L	0.0082	22.037	mg/L	0.0082	0.04%
Cr 267.716	2372.4	0.0434	mg/L	0.00033	0.0434	mg/L	0.00033	0.76%
Cu 324.752	26289.4	0.0845	mg/L	0.00046	0.0845	mg/L	0.00046	0.54%
Fe 273.955	2539894.9	68.180	mg/L	0.0676	68.180	mg/L	0.0676	0.10%
Mg 279.077	305603.4	11.209	mg/L	0.0590	11.209	mg/L	0.0590	0.53%
Mn 257.610	1011087.8	1.4940	mg/L	0.00171	1.4940	mg/L	0.00171	0.11%
Ni 231.604	1407.7	0.0608	mg/L	0.00006	0.0608	mg/L	0.00006	0.11%
Pb 220.353	712.7	0.1289	mg/L	0.00010	0.1289	mg/L	0.00010	0.07%
Tl 190.801	-1.3	0.0162	mg/L	0.00263	0.0162	mg/L	0.00263	16.21%
V 292.402	4325.5	0.0395	mg/L	0.00050	0.0395	mg/L	0.00050	1.26%
Ti 334.940	189926.9	0.1999	mg/L	0.00154	0.1999	mg/L	0.00154	0.77%
Ca 227.546	1572.5	4.2237	mg/L	0.06186	4.2237	mg/L	0.06186	1.46%

Sequence No.: 24
Sample ID: F0936-14BPDS,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 8/6/2007 11:33:13 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

JMW 8/6/07

Mean Data: F0936-14BPDS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	7661.3	0.2183	mg/L	0.30126	0.2183	mg/L	0.30126	137.98%
Cr 267.716	24.0	0.0004	mg/L	0.00012	0.0004	mg/L	0.00012	27.83%
Cu 324.752	-148.5	-0.0005	mg/L	0.00170	-0.0005	mg/L	0.00170	344.55%
Fe 273.955	34221.2	0.9175	mg/L	0.86660	0.9175	mg/L	0.86660	94.45%
Mg 279.077	4479.6	0.1643	mg/L	0.15251	0.1643	mg/L	0.15251	92.80%
Mn 257.610	14606.0	0.0216	mg/L	0.02036	0.0216	mg/L	0.02036	94.31%
Ni 231.604	-1.5	-0.0001	mg/L	0.00009	-0.0001	mg/L	0.00009	134.19%
Pb 220.353	-8.9	-0.0016	mg/L	0.00005	-0.0016	mg/L	0.00005	3.03%
Tl 190.801	-3.6	-0.0024	mg/L	0.00007	-0.0024	mg/L	0.00007	3.04%
V 292.402	133.2	0.0012	mg/L	0.00096	0.0012	mg/L	0.00096	80.75%
Ti 334.940	2996.1	0.0032	mg/L	0.00305	0.0032	mg/L	0.00305	96.84%
Ca 227.546	-31.1	-0.1319	mg/L	0.00646	-0.1319	mg/L	0.00646	4.90%

Sequence No.: 25
Sample ID: F0936-16B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 109
Date Collected: 8/6/2007 11:36:18 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-16B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	3091506.8	88.105	mg/L	0.6583	88.105	mg/L	0.6583	0.75%
Cr 267.716	7058.0	0.1306	mg/L	0.00208	0.1306	mg/L	0.00208	1.59%
Cu 324.752	92926.0	0.2991	mg/L	0.00168	0.2991	mg/L	0.00168	0.56%
Fe 273.955	8471713.0	227.51	mg/L	1.466	227.51	mg/L	1.466	0.64%
Mg 279.077	882202.7	32.338	mg/L	0.1962	32.338	mg/L	0.1962	0.61%
Mn 257.610	2476908.8	3.6600	mg/L	0.03151	3.6600	mg/L	0.03151	0.86%
Ni 231.604	4356.5	0.1879	mg/L	0.00006	0.1879	mg/L	0.00006	0.03%
Pb 220.353	617.6	0.1155	mg/L	0.00113	0.1155	mg/L	0.00113	0.98%
Tl 190.801	-16.2	0.0423	mg/L	0.00182	0.0423	mg/L	0.00182	4.31%
V 292.402	21122.4	0.1907	mg/L	0.00203	0.1907	mg/L	0.00203	1.06%
Ti 334.940	1816472.3	1.9112	mg/L	0.01835	1.9112	mg/L	0.01835	0.96%
Ca 227.546	7472.0	22.121	mg/L	0.0518	22.121	mg/L	0.0518	0.23%

Sequence No.: 26

Autosampler Location: 110

Sample ID: F0936-18B,31386
Analyst:
Initial Sample Wt:
Dilution:

Date Collected: 8/6/2007 11:39:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-18B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	5159167.3	147.03	mg/L	1.090	147.03	mg/L	1.090	0.74%
Cr 267.716	13204.9	0.2426	mg/L	0.00035	0.2426	mg/L	0.00035	0.15%
Cu 324.752	117143.9	0.3774	mg/L	0.00067	0.3774	mg/L	0.00067	0.18%
Fe 273.955	7758272.8	208.69	mg/L	1.351	208.69	mg/L	1.351	0.65%
Mg 279.077	1396296.8	51.247	mg/L	0.3063	51.247	mg/L	0.3063	0.60%
Mn 257.610	3705045.5	5.4748	mg/L	0.03902	5.4748	mg/L	0.03902	0.71%
Ni 231.604	5781.1	0.2507	mg/L	0.00006	0.2507	mg/L	0.00006	0.03%
Pb 220.353	14245.0	2.5625	mg/L	0.01275	2.5625	mg/L	0.01275	0.50%
Tl 190.801	-9.3	0.0406	mg/L	0.00155	0.0406	mg/L	0.00155	3.81%
V 292.402	34332.7	0.3075	mg/L	0.00141	0.3075	mg/L	0.00141	0.46%
Ti 334.940	1118958.6	1.1773	mg/L	0.00897	1.1773	mg/L	0.00897	0.76%
Ca 227.546	5645.1	15.933	mg/L	0.1214	15.933	mg/L	0.1214	0.76%

User canceled analysis.

Analysis Begun

Start Time: 8/6/2007 11:42:51 AM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 8/6/2007 5:57:59 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0806B.sif
Batch ID:
Results Data Set: B07080602
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1
Sample ID: F0936-20B,31386
Analyst:
Initial Sample Wt:
Dilution:
10X Pb
Autosampler Location: 111
Date Collected: 8/6/2007 11:42:51 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-20B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	268631.0	7.6557	mg/L	0.03798	7.6557	mg/L	0.03798	0.50%
Cr 267.716	1863.0	0.0339	mg/L	0.00059	0.0339	mg/L	0.00059	1.75%
Cu 324.752	226980.0	0.7345	mg/L	0.00160	0.7345	mg/L	0.00160	0.22%
Fe 273.955	1041011.0	28.015	mg/L	0.1078	28.015	mg/L	0.1078	0.38%
Mg 279.077	80180.9	2.9393	mg/L	0.01170	2.9393	mg/L	0.01170	0.40%
Mn 257.610	428468.0	0.6331	mg/L	0.00398	0.6331	mg/L	0.00398	0.63%
Ni 231.604	510.9	0.0225	mg/L	0.00004	0.0225	mg/L	0.00004	0.17%
Pb 220.353	12168.7	2.1825	mg/L	0.00581	2.1825	mg/L	0.00581	0.27%
Tl 190.801	-4.1	0.0042	mg/L	0.00039	0.0042	mg/L	0.00039	9.40%
V 292.402	2865.9	0.0258	mg/L	0.00047	0.0258	mg/L	0.00047	1.83%
Ti 334.940	111455.0	0.1175	mg/L	0.00073	0.1175	mg/L	0.00073	0.62%
Ca 227.546	6116.6	21.476	mg/L	0.1434	21.476	mg/L	0.1434	0.67%

Sequence No.: 2
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 8/6/2007 11:46:08 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CRI

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	7611.5	0.2165	mg/L	0.00380	0.2165	mg/L	0.00380	1.75%
Cr 267.716	588.7	0.0107	mg/L	0.00004	0.0107	mg/L	0.00004	0.37%
Cu 324.752	7929.2	0.0258	mg/L	0.00026	0.0258	mg/L	0.00026	0.99%
Fe 273.955	4767.3	0.1540	mg/L	0.01316	0.1540	mg/L	0.01316	8.54%
Mg 279.077	148492.8	5.4534	mg/L	0.02808	5.4534	mg/L	0.02808	0.51%
Mn 257.610	11605.7	0.0171	mg/L	0.00028	0.0171	mg/L	0.00028	1.65%
Ni 231.604	1040.6	0.0447	mg/L	0.00005	0.0447	mg/L	0.00005	0.11%
Pb 220.353	67.9	0.0122	mg/L	0.00061	0.0122	mg/L	0.00061	5.02%
Tl 190.801	37.4	0.0272	mg/L	0.00033	0.0272	mg/L	0.00033	1.23%
V 292.402	6180.3	0.0546	mg/L	0.00039	0.0546	mg/L	0.00039	0.72%
Ti 334.940	-42.3	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	122.61%
Ca 227.546	1371.1	4.9417	mg/L	0.00191	4.9417	mg/L	0.00191	0.04%

Sequence No.: 3
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 5
Date Collected: 8/6/2007 11:49:11 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected	Calib			Sample			

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Al 308.215	17592929.0	501.39	mg/L	2.449	501.39	mg/L	2.449	0.49%
Cr 267.716	-133.9	0.0149	mg/L	0.00025	0.0149	mg/L	0.00025	1.67%
Cu 324.752	-6083.3	-0.0056	mg/L	0.00010	-0.0056	mg/L	0.00010	1.85%
Fe 273.955	6756161.9	186.08	mg/L	0.809	186.08	mg/L	0.809	0.43%
Mg 279.077	12888363.5	473.23	mg/L	2.330	473.23	mg/L	2.330	0.49%
Mn 257.610	1474.6	0.0022	mg/L	0.00012	0.0022	mg/L	0.00012	5.32%
Saturated outside survey window (code 6)								
Ni 231.604	52.8	0.0266	mg/L	0.00047	0.0266	mg/L	0.00047	1.77%
Pb 220.353	-169.2	0.0058	mg/L	0.00102	0.0058	mg/L	0.00102	17.63%
Tl 190.801	-10.7	0.0071	mg/L	0.00131	0.0071	mg/L	0.00131	18.53%
V 292.402	-475.8	-0.0011	mg/L	0.00007	-0.0011	mg/L	0.00007	5.81%
Ti 334.940	-5747.8	0.0003	mg/L	0.00009	0.0003	mg/L	0.00009	32.82%
Ca 227.546	146833.4	525.99	mg/L	2.694	525.99	mg/L	2.694	0.51%

Sequence No.: 4
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/6/2007 11:52:25 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	16304445.1	464.67	mg/L	4.261	464.67	mg/L	4.261	0.92%
Cr 267.716	24635.7	0.4647	mg/L	0.00121	0.4647	mg/L	0.00121	0.26%
Cu 324.752	141342.9	0.4702	mg/L	0.00231	0.4702	mg/L	0.00231	0.49%
Fe 273.955	6309969.1	173.75	mg/L	1.517	173.75	mg/L	1.517	0.87%
Mg 279.077	11995469.8	440.45	mg/L	3.825	440.45	mg/L	3.825	0.87%
Mn 257.610	308893.6	0.4565	mg/L	0.00222	0.4565	mg/L	0.00222	0.49%
Ni 231.604	19341.4	0.8509	mg/L	0.00296	0.8509	mg/L	0.00296	0.35%
Pb 220.353	79.1	0.0476	mg/L	0.00013	0.0476	mg/L	0.00013	0.27%
Tl 190.801	96.8	0.0845	mg/L	0.00259	0.0845	mg/L	0.00259	3.06%
V 292.402	51380.0	0.4576	mg/L	0.00032	0.4576	mg/L	0.00032	0.07%
Ti 334.940	-5488.3	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	175.47%
Ca 227.546	135676.9	485.94	mg/L	2.175	485.94	mg/L	2.175	0.45%

Sequence No.: 5
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/6/2007 11:55:35 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	349590.1	9.9434	mg/L	0.05277	9.9434	mg/L	0.05277	0.53%
Cr 267.716	56005.5	1.0197	mg/L	0.01200	1.0197	mg/L	0.01200	1.18%
Cu 324.752	379470.9	1.2282	mg/L	0.00490	1.2282	mg/L	0.00490	0.40%
Fe 273.955	190460.3	5.2764	mg/L	0.02127	5.2764	mg/L	0.02127	0.40%
Mg 279.077	687081.9	25.262	mg/L	0.1224	25.262	mg/L	0.1224	0.48%
Mn 257.610	1718995.1	2.5401	mg/L	0.01276	2.5401	mg/L	0.01276	0.50%
Ni 231.604	59729.0	2.5588	mg/L	0.03794	2.5588	mg/L	0.03794	1.48%
Pb 220.353	2817.8	0.5059	mg/L	0.00183	0.5059	mg/L	0.00183	0.36%
Tl 190.801	701.6	0.5109	mg/L	0.00008	0.5109	mg/L	0.00008	0.02%
V 292.402	286460.8	2.5328	mg/L	0.02755	2.5328	mg/L	0.02755	1.09%
Ti 334.940	428.1	0.0006	mg/L	0.00001	0.0006	mg/L	0.00001	1.31%
Ca 227.546	6892.2	24.597	mg/L	0.0173	24.597	mg/L	0.0173	0.07%

Sequence No.: 6
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/6/2007 11:58:42 AM
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
Al 308.215	512.4	0.0146	mg/L	0.00061	0.0146	mg/L	0.00061	4.18%
Cr 267.716	-0.7	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	577.50%
Cu 324.752	-255.7	-0.0008	mg/L	0.00007	-0.0008	mg/L	0.00007	8.61%
Fe 273.955	348.4	0.0095	mg/L	0.00026	0.0095	mg/L	0.00026	2.74%
Mg 279.077	438.5	0.0161	mg/L	0.00336	0.0161	mg/L	0.00336	20.87%
Mn 257.610	169.4	0.0003	mg/L	0.00002	0.0003	mg/L	0.00002	8.81%
Ni 231.604	9.4	0.0004	mg/L	0.00010	0.0004	mg/L	0.00010	25.31%
Pb 220.353	2.2	0.0004	mg/L	0.00011	0.0004	mg/L	0.00011	27.68%
Tl 190.801	0.5	0.0003	mg/L	0.00242	0.0003	mg/L	0.00242	734.29%
V 292.402	34.1	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	34.05%
Ti 334.940	-46.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	24.46%
Ca 227.546	2.6	0.0091	mg/L	0.02749	0.0091	mg/L	0.02749	301.32%

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Sequence No.: 7
Sample ID: F0981-03B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 112
Date Collected: 8/6/2007 12:02:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-03B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	7801645.3	222.34	mg/L	0.126	222.34	mg/L	0.126	0.06%
Cr 267.716	18946.3	0.3518	mg/L	0.00164	0.3518	mg/L	0.00164	0.47%
Cu 324.752	128566.3	0.4144	mg/L	0.00564	0.4144	mg/L	0.00564	1.36%
Fe 273.955	13147829.5	353.70	mg/L	0.111	353.70	mg/L	0.111	0.03%
Mg 279.077	3342302.2	122.64	mg/L	1.476	122.64	mg/L	1.476	1.20%
Mn 257.610	3170483.4	4.6849	mg/L	0.00661	4.6849	mg/L	0.00661	0.14%
Ni 231.604	13768.9	0.5945	mg/L	0.00120	0.5945	mg/L	0.00120	0.20%
Pb 220.353	1110.6	0.2125	mg/L	0.00078	0.2125	mg/L	0.00078	0.37%
Tl 190.801	-20.9	0.0621	mg/L	0.00078	0.0621	mg/L	0.00078	1.26%
V 292.402	32392.9	0.2927	mg/L	0.00033	0.2927	mg/L	0.00033	0.11%
Ti 334.940	2679390.1	2.8194	mg/L	0.00493	2.8194	mg/L	0.00493	0.17%
Ca 227.546	18683.8	59.883	mg/L	0.2058	59.883	mg/L	0.2058	0.34%

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Sequence No.: 8
Sample ID: F0981-04B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 113
Date Collected: 8/6/2007 12:05:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-04B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5324410.0	151.74	mg/L	0.205	151.74	mg/L	0.205	0.14%
Cr 267.716	13758.3	0.2529	mg/L	0.00047	0.2529	mg/L	0.00047	0.19%
Cu 324.752	183166.8	0.5941	mg/L	0.00021	0.5941	mg/L	0.00021	0.03%
Fe 273.955	12472614.5	335.66	mg/L	0.509	335.66	mg/L	0.509	0.15%
Mg 279.077	3535079.2	129.75	mg/L	0.190	129.75	mg/L	0.190	0.15%
Mn 257.610	4821556.6	7.1246	mg/L	0.00242	7.1246	mg/L	0.00242	0.03%
Ni 231.604	7225.9	0.3159	mg/L	0.00082	0.3159	mg/L	0.00082	0.26%
Pb 220.353	11716.2	2.1104	mg/L	0.00252	2.1104	mg/L	0.00252	0.12%
Tl 190.801	-28.8	0.0609	mg/L	0.00051	0.0609	mg/L	0.00051	0.84%
V 292.402	34731.8	0.3133	mg/L	0.00034	0.3133	mg/L	0.00034	0.11%
Ti 334.940	1461511.6	1.5394	mg/L	0.00108	1.5394	mg/L	0.00108	0.07%
Ca 227.546	46322.8	160.03	mg/L	0.468	160.03	mg/L	0.468	0.29%

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Sequence No.: 9
Sample ID: F0981-05B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 114
Date Collected: 8/6/2007 12:08:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-05B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5054017.4	144.04	mg/L	1.813	144.04	mg/L	1.813	1.26%
Cr 267.716	12904.7	0.2335	mg/L	0.00070	0.2335	mg/L	0.00070	0.30%
Cu 324.752	166641.7	0.5365	mg/L	0.00367	0.5365	mg/L	0.00367	0.68%
Fe 273.955	13375426.2	359.22	mg/L	3.900	359.22	mg/L	3.900	1.09%
Mg 279.077	1690332.0	62.046	mg/L	0.4457	62.046	mg/L	0.4457	0.72%
Mn 257.610	7696204.1	11.372	mg/L	0.1457	11.372	mg/L	0.1457	1.28%
Ni 231.604	7193.1	0.3116	mg/L	0.00022	0.3116	mg/L	0.00022	0.07%
Pb 220.353	8938.4	1.6095	mg/L	0.00196	1.6095	mg/L	0.00196	0.12%
Tl 190.801	-19.1	0.0786	mg/L	0.00095	0.0786	mg/L	0.00095	1.21%
V 292.402	30976.5	0.2809	mg/L	0.00154	0.2809	mg/L	0.00154	0.55%
Ti 334.940	1002638.2	1.0551	mg/L	0.00628	1.0551	mg/L	0.00628	0.60%
Ca 227.546	10117.1	28.879	mg/L	0.0562	28.879	mg/L	0.0562	0.19%

Sequence No.: 10
Sample ID: F0981-07B,31386
Analyst:
Initial Sample Wt:
Dilution: 5x Pb

Autosampler Location: 115
Date Collected: 8/6/2007 12:12:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-07B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	695380.1	19.818	mg/L	0.1216	19.818	mg/L	0.1216	0.61%
Cr 267.716	2101.2	0.0387	mg/L	0.00020	0.0387	mg/L	0.00020	0.51%
Cu 324.752	73277.1	0.2373	mg/L	0.00028	0.2373	mg/L	0.00028	0.12%
Fe 273.955	1909521.5	51.360	mg/L	0.3607	51.360	mg/L	0.3607	0.70%
Mg 279.077	247792.2	9.0876	mg/L	0.01592	9.0876	mg/L	0.01592	0.18%
Mn 257.610	630603.9	0.9318	mg/L	0.00494	0.9318	mg/L	0.00494	0.53%
Ni 231.604	1663.0	0.0721	mg/L	0.00001	0.0721	mg/L	0.00001	0.01%
Pb 220.353	6069.8	1.0897	mg/L	0.00016	1.0897	mg/L	0.00016	0.01%
Tl 190.801	-5.2	0.0087	mg/L	0.00129	0.0087	mg/L	0.00129	14.91%
V 292.402	6471.5	0.0581	mg/L	0.00048	0.0581	mg/L	0.00048	0.83%
Ti 334.940	296887.2	0.3126	mg/L	0.00171	0.3126	mg/L	0.00171	0.55%
Ca 227.546	7024.5	24.256	mg/L	0.0545	24.256	mg/L	0.0545	0.22%

Sequence No.: 11
Sample ID: F0981-08B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 116
Date Collected: 8/6/2007 12:15:25 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-08B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5877333.6	167.50	mg/L	0.238	167.50	mg/L	0.238	0.14%
Cr 267.716	16810.2	0.3130	mg/L	0.00072	0.3130	mg/L	0.00072	0.23%
Cu 324.752	105441.6	0.3387	mg/L	0.00036	0.3387	mg/L	0.00036	0.11%
Fe 273.955	10703726.3	287.72	mg/L	0.358	287.72	mg/L	0.358	0.12%
Mg 279.077	2406881.9	88.282	mg/L	0.3869	88.282	mg/L	0.3869	0.44%
Mn 257.610	1305465.3	1.9290	mg/L	0.00551	1.9290	mg/L	0.00551	0.29%
Ni 231.604	9780.3	0.4219	mg/L	0.00179	0.4219	mg/L	0.00179	0.43%
Pb 220.353	723.7	0.1398	mg/L	0.00241	0.1398	mg/L	0.00241	1.72%
Tl 190.801	-21.1	0.0464	mg/L	0.00304	0.0464	mg/L	0.00304	6.56%
V 292.402	22516.8	0.2042	mg/L	0.00119	0.2042	mg/L	0.00119	0.58%
Ti 334.940	1752682.5	1.8439	mg/L	0.00534	1.8439	mg/L	0.00534	0.29%
Ca 227.546	4934.6	11.664	mg/L	0.0217	11.664	mg/L	0.0217	0.19%

Sequence No.: 12
Sample ID: F0981-09B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 117
Date Collected: 8/6/2007 12:18:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-09B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	3984383.3	113.55	mg/L	0.077	113.55	mg/L	0.077	0.07%
Cr 267.716	11090.3	0.2043	mg/L	0.00102	0.2043	mg/L	0.00102	0.50%
Cu 324.752	102963.5	0.3315	mg/L	0.00106	0.3315	mg/L	0.00106	0.32%
Fe 273.955	8775322.9	235.82	mg/L	0.020	235.82	mg/L	0.020	0.01%
Mg 279.077	2123260.2	77.919	mg/L	0.0102	77.919	mg/L	0.0102	0.01%
Mn 257.610	3003281.0	4.4378	mg/L	0.00303	4.4378	mg/L	0.00303	0.07%
Ni 231.604	6661.3	0.2878	mg/L	0.00150	0.2878	mg/L	0.00150	0.52%
Pb 220.353	640.0	0.1211	mg/L	0.00211	0.1211	mg/L	0.00211	1.74%
Tl 190.801	-18.2	0.0428	mg/L	0.00052	0.0428	mg/L	0.00052	1.21%
V 292.402	24294.5	0.2192	mg/L	0.00271	0.2192	mg/L	0.00271	1.24%
Ti 334.940	997417.6	1.0495	mg/L	0.00077	1.0495	mg/L	0.00077	0.07%
Ca 227.546	7320.4	21.392	mg/L	0.0498	21.392	mg/L	0.0498	0.23%

Sequence No.: 13
Sample ID: F0981-10B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 118
Date Collected: 8/6/2007 12:21:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-10B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	7878547.7	224.53	mg/L	0.672	224.53	mg/L	0.672	0.30%
Cr 267.716	24919.6	0.4628	mg/L	0.00467	0.4628	mg/L	0.00467	1.01%
Cu 324.752	125868.8	0.4042	mg/L	0.00112	0.4042	mg/L	0.00112	0.28%
Fe 273.955	14984608.1	402.77	mg/L	1.920	402.77	mg/L	1.920	0.48%
Mg 279.077	3046188.5	111.72	mg/L	0.155	111.72	mg/L	0.155	0.14%
Mn 257.610	2088230.8	3.0857	mg/L	0.00467	3.0857	mg/L	0.00467	0.15%
Ni 231.604	12056.1	0.5204	mg/L	0.00252	0.5204	mg/L	0.00252	0.48%
Pb 220.353	903.2	0.1754	mg/L	0.00028	0.1754	mg/L	0.00028	0.16%
Tl 190.801	-33.2	0.0632	mg/L	0.00563	0.0632	mg/L	0.00563	8.90%
V 292.402	35639.9	0.3224	mg/L	0.00178	0.3224	mg/L	0.00178	0.55%
Ti 334.940	2623622.2	2.7603	mg/L	0.00687	2.7603	mg/L	0.00687	0.25%
Ca 227.546	9965.3	27.367	mg/L	0.1632	27.367	mg/L	0.1632	0.60%

Sequence No.: 14
Sample ID: F0981-11B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 119
Date Collected: 8/6/2007 12:25:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5416373.2	154.36	mg/L	0.083	154.36	mg/L	0.083	0.05%
Cr 267.716	13538.5	0.2506	mg/L	0.00023	0.2506	mg/L	0.00023	0.09%
Cu 324.752	80775.1	0.2593	mg/L	0.00266	0.2593	mg/L	0.00266	1.02%
Fe 273.955	10300225.7	276.85	mg/L	0.403	276.85	mg/L	0.403	0.15%
Mg 279.077	1651016.6	60.558	mg/L	0.5827	60.558	mg/L	0.5827	0.96%
Mn 257.610	3018132.1	4.4597	mg/L	0.00542	4.4597	mg/L	0.00542	0.12%
Ni 231.604	6549.8	0.2837	mg/L	0.00012	0.2837	mg/L	0.00012	0.04%
Pb 220.353	717.9	0.1375	mg/L	0.00033	0.1375	mg/L	0.00033	0.24%
Tl 190.801	-19.4	0.0486	mg/L	0.00287	0.0486	mg/L	0.00287	5.91%
V 292.402	25269.2	0.2285	mg/L	0.00327	0.2285	mg/L	0.00327	1.43%
Ti 334.940	1488773.4	1.5664	mg/L	0.02005	1.5664	mg/L	0.02005	1.28%
Ca 227.546	7481.9	21.106	mg/L	0.0066	21.106	mg/L	0.0066	0.03%

Sequence No.: 15
Sample ID: F0981-11BDUP,31386
Analyst:
Initial Sample Wt:

Autosampler Location: 120
Date Collected: 8/6/2007 12:28:26 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: F0981-11BDUP,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5252699.5	149.70	mg/L	0.087	149.70	mg/L	0.087	0.06%
Cr 267.716	11450.2	0.2117	mg/L	0.00039	0.2117	mg/L	0.00039	0.18%
Cu 324.752	77944.7	0.2501	mg/L	0.00001	0.2501	mg/L	0.00001	0.00%
Fe 273.955	9943648.2	267.24	mg/L	0.670	267.24	mg/L	0.670	0.25%
Mg 279.077	1218483.9	44.686	mg/L	0.0673	44.686	mg/L	0.0673	0.15%
Mn 257.610	3459158.9	5.1114	mg/L	0.01218	5.1114	mg/L	0.01218	0.24%
Ni 231.604	5878.6	0.2547	mg/L	0.00014	0.2547	mg/L	0.00014	0.06%
Pb 220.353	737.8	0.1405	mg/L	0.00099	0.1405	mg/L	0.00099	0.71%
Tl 190.801	-14.5	0.0507	mg/L	0.00041	0.0507	mg/L	0.00041	0.81%
V 292.402	25560.7	0.2309	mg/L	0.00001	0.2309	mg/L	0.00001	0.01%
Ti 334.940	1461916.7	1.5381	mg/L	0.00686	1.5381	mg/L	0.00686	0.45%
Ca 227.546	5799.0	15.242	mg/L	0.0182	15.242	mg/L	0.0182	0.12%

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Sequence No.: 16 Autosampler Location: 12
Sample ID: F0981-11BMS,31386 Date Collected: 8/6/2007 12:31:42 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0981-11BMS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5259149.5	149.87	mg/L	0.279	149.87	mg/L	0.279	0.19%
Cr 267.716	35105.5	0.6435	mg/L	0.00163	0.6435	mg/L	0.00163	0.25%
Cu 324.752	221291.3	0.7142	mg/L	0.00004	0.7142	mg/L	0.00004	0.01%
Fe 273.955	8732051.9	234.80	mg/L	0.450	234.80	mg/L	0.450	0.19%
Mg 279.077	1417902.4	52.016	mg/L	0.0976	52.016	mg/L	0.0976	0.19%
Mn 257.610	2906118.5	4.2943	mg/L	0.01504	4.2943	mg/L	0.01504	0.35%
Ni 231.604	29764.1	1.2780	mg/L	0.00188	1.2780	mg/L	0.00188	0.15%
Pb 220.353	759.6	0.1448	mg/L	0.00022	0.1448	mg/L	0.00022	0.15%
Tl 190.801	119.7	0.1385	mg/L	0.00378	0.1385	mg/L	0.00378	2.73%
V 292.402	136038.7	1.2071	mg/L	0.00193	1.2071	mg/L	0.00193	0.16%
Ti 334.940	1221778.5	1.2855	mg/L	0.00610	1.2855	mg/L	0.00610	0.47%
Ca 227.546	6597.5	18.744	mg/L	0.0663	18.744	mg/L	0.0663	0.35%

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Sequence No.: 17 Autosampler Location: 3
Sample ID: CCV Date Collected: 8/6/2007 12:34:56 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: 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	346977.5	9.8688	mg/L	0.03682	9.8688	mg/L	0.03682	0.37%
Cr 267.716	56735.3	1.0330	mg/L	0.00494	1.0330	mg/L	0.00494	0.48%
Cu 324.752	376565.6	1.2188	mg/L	0.00225	1.2188	mg/L	0.00225	0.18%
Fe 273.955	188673.0	5.2274	mg/L	0.01819	5.2274	mg/L	0.01819	0.35%
Mg 279.077	677523.1	24.911	mg/L	0.0681	24.911	mg/L	0.0681	0.27%
Mn 257.610	1714950.9	2.5342	mg/L	0.00634	2.5342	mg/L	0.00634	0.25%
Ni 231.604	60315.1	2.5839	mg/L	0.01123	2.5839	mg/L	0.01123	0.43%
Pb 220.353	2809.1	0.5044	mg/L	0.00009	0.5044	mg/L	0.00009	0.02%
Tl 190.801	698.1	0.5083	mg/L	0.00182	0.5083	mg/L	0.00182	0.36%
V 292.402	288695.1	2.5526	mg/L	0.01207	2.5526	mg/L	0.01207	0.47%
Ti 334.940	715.4	0.0009	mg/L	0.00005	0.0009	mg/L	0.00005	5.57%
Ca 227.546	6865.4	24.500	mg/L	0.0951	24.500	mg/L	0.0951	0.39%

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Sequence No.: 18 Autosampler Location: 4
Sample ID: CCB Date Collected: 8/6/2007 12:38:03 PM
Analyst: Data Type: Original

Initial Sample Wt: 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	311.3	0.0089	mg/L	0.00000	0.0089	mg/L	0.00000	0.05%
Cr 267.716	2.9	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	25.54%
Cu 324.752	-303.3	-0.0010	mg/L	0.00011	-0.0010	mg/L	0.00011	11.21%
Fe 273.955	337.4	0.0091	mg/L	0.00336	0.0091	mg/L	0.00336	37.01%
Mg 279.077	95.2	0.0035	mg/L	0.00163	0.0035	mg/L	0.00163	46.73%
Mn 257.610	192.0	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	35.01%
Ni 231.604	5.4	0.0002	mg/L	0.00012	0.0002	mg/L	0.00012	51.02%
Pb 220.353	-5.1	-0.0009	mg/L	0.00030	-0.0009	mg/L	0.00030	33.08%
Tl 190.801	1.8	0.0013	mg/L	0.00038	0.0013	mg/L	0.00038	28.48%
V 292.402	29.0	0.0003	mg/L	0.00005	0.0003	mg/L	0.00005	21.18%
Ti 334.940	-2.4	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	298.72%
Ca 227.546	-0.7	-0.0026	mg/L	0.03281	-0.0026	mg/L	0.03281	>999.9%

Sequence No.: 19 Autosampler Location: 121
Sample ID: F0981-11BSD,31386 Date Collected: 8/6/2007 12:41:44 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0981-11BSD,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1148733.4	32.738	mg/L	0.1558	32.738	mg/L	0.1558	0.48%
Cr 267.716	2931.9	0.0543	mg/L	0.00001	0.0543	mg/L	0.00001	0.02%
Cu 324.752	15993.5	0.0513	mg/L	0.00009	0.0513	mg/L	0.00009	0.17%
Fe 273.955	2382529.5	64.021	mg/L	0.3433	64.021	mg/L	0.3433	0.54%
Mg 279.077	359667.6	13.191	mg/L	0.0260	13.191	mg/L	0.0260	0.20%
Mn 257.610	668770.1	0.9882	mg/L	0.00475	0.9882	mg/L	0.00475	0.48%
Ni 231.604	1455.9	0.0630	mg/L	0.00074	0.0630	mg/L	0.00074	1.18%
Pb 220.353	153.5	0.0294	mg/L	0.00006	0.0294	mg/L	0.00006	0.22%
Tl 190.801	-5.6	0.0106	mg/L	0.00224	0.0106	mg/L	0.00224	21.03%
V 292.402	5330.9	0.0483	mg/L	0.00022	0.0483	mg/L	0.00022	0.46%
Ti 334.940	320458.4	0.3372	mg/L	0.00116	0.3372	mg/L	0.00116	0.35%
Ca 227.546	1577.9	4.3312	mg/L	0.02642	4.3312	mg/L	0.02642	0.61%

Sequence No.: 20 Autosampler Location: 13
Sample ID: F0981-11BPDS,31386 Date Collected: 8/6/2007 12:44:57 PM
Analyst: Data Type: Original
Initial Sample Wt: 300ppb Pb Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0981-11BPDS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5111133.3	145.66	mg/L	0.243	145.66	mg/L	0.243	0.17%
Cr 267.716	12928.7	0.2393	mg/L	0.00093	0.2393	mg/L	0.00093	0.39%
Cu 324.752	74488.9	0.2391	mg/L	0.00036	0.2391	mg/L	0.00036	0.15%
Fe 273.955	9773655.5	262.69	mg/L	0.557	262.69	mg/L	0.557	0.21%
Mg 279.077	1548614.0	56.801	mg/L	0.0169	56.801	mg/L	0.0169	0.03%
Mn 257.610	2855954.5	4.2201	mg/L	0.00189	4.2201	mg/L	0.00189	0.04%
Ni 231.604	6274.7	0.2717	mg/L	0.00035	0.2717	mg/L	0.00035	0.13%
Pb 220.353	2411.1	0.4406	mg/L	0.00087	0.4406	mg/L	0.00087	0.20%
Tl 190.801	-24.3	0.0420	mg/L	0.00078	0.0420	mg/L	0.00078	1.86%
V 292.402	23768.2	0.2150	mg/L	0.00031	0.2150	mg/L	0.00031	0.14%
Ti 334.940	1391622.9	1.4642	mg/L	0.00114	1.4642	mg/L	0.00114	0.08%
Ca 227.546	7030.9	19.780	mg/L	0.0477	19.780	mg/L	0.0477	0.24%

Sequence No.: 21 Autosampler Location: 126
Sample ID: MB-31385,31385 Date Collected: 8/6/2007 12:48:13 PM

Analyst:
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	966.3	0.0275	mg/L	0.00399	0.0275	mg/L	0.00399	14.48%
Cr 267.716	0.9	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	374.64%
Cu 324.752	-237.8	-0.0008	mg/L	0.00003	-0.0008	mg/L	0.00003	3.36%
Fe 273.955	1893.4	0.0510	mg/L	0.00945	0.0510	mg/L	0.00945	18.52%
Mg 279.077	141.0	0.0052	mg/L	0.00159	0.0052	mg/L	0.00159	30.74%
Mn 257.610	838.5	0.0012	mg/L	0.00013	0.0012	mg/L	0.00013	10.13%
Ni 231.604	-0.0	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	>999.9%
Pb 220.353	4.2	0.0008	mg/L	0.00030	0.0008	mg/L	0.00030	39.95%
Tl 190.801	2.6	0.0019	mg/L	0.00285	0.0019	mg/L	0.00285	150.86%
V 292.402	9.2	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	88.62%
Ti 334.940	277.4	0.0003	mg/L	0.00011	0.0003	mg/L	0.00011	36.03%
Ca 227.546	10.7	0.0376	mg/L	0.01484	0.0376	mg/L	0.01484	39.44%

Sequence No.: 22
Sample ID: LCS-31385,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 127
Date Collected: 8/6/2007 12:51:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	348320.8	9.9072	mg/L	0.07328	9.9072	mg/L	0.07328	0.74%
Cr 267.716	56341.5	1.0258	mg/L	0.00239	1.0258	mg/L	0.00239	0.23%
Cu 324.752	381770.3	1.2356	mg/L	0.00843	1.2356	mg/L	0.00843	0.68%
Fe 273.955	186739.8	5.1774	mg/L	0.03417	5.1774	mg/L	0.03417	0.66%
Mg 279.077	684649.2	25.173	mg/L	0.1704	25.173	mg/L	0.1704	0.68%
Mn 257.610	1719051.5	2.5402	mg/L	0.01476	2.5402	mg/L	0.01476	0.58%
Ni 231.604	60389.3	2.5871	mg/L	0.00070	2.5871	mg/L	0.00070	0.03%
Pb 220.353	2849.5	0.5116	mg/L	0.00149	0.5116	mg/L	0.00149	0.29%
Tl 190.801	705.9	0.5140	mg/L	0.00426	0.5140	mg/L	0.00426	0.83%
V 292.402	287561.0	2.5425	mg/L	0.00713	2.5425	mg/L	0.00713	0.28%
Ti 334.940	-10.5	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	6.82%
Ca 227.546	6956.6	24.830	mg/L	0.1258	24.830	mg/L	0.1258	0.51%

Sequence No.: 23
Sample ID: F0936-04B,31385
Analyst:
Initial Sample Wt:
Dilution: 100X Pb

Autosampler Location: 128
Date Collected: 8/6/2007 12:55:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-04B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	177241.9	5.0512	mg/L	0.04761	5.0512	mg/L	0.04761	0.94%
Cr 267.716	1823.0	0.0334	mg/L	0.00015	0.0334	mg/L	0.00015	0.44%
Cu 324.752	74793.3	0.2419	mg/L	0.00253	0.2419	mg/L	0.00253	1.05%
Fe 273.955	1287952.2	34.564	mg/L	0.3549	34.564	mg/L	0.3549	1.03%
Mg 279.077	41147.8	1.5007	mg/L	0.01578	1.5007	mg/L	0.01578	1.05%
Mn 257.610	302571.3	0.4471	mg/L	0.00394	0.4471	mg/L	0.00394	0.88%
Ni 231.604	937.7	0.0405	mg/L	0.00007	0.0405	mg/L	0.00007	0.16%
Pb 220.353	6678.0	1.1978	mg/L	0.00250	1.1978	mg/L	0.00250	0.21%
Tl 190.801	-1.2	0.0079	mg/L	0.00211	0.0079	mg/L	0.00211	26.69%
V 292.402	1894.7	0.0174	mg/L	0.00001	0.0174	mg/L	0.00001	0.03%
Ti 334.940	43334.6	0.0457	mg/L	0.00046	0.0457	mg/L	0.00046	1.01%
Ca 227.546	2568.7	8.5324	mg/L	0.01126	8.5324	mg/L	0.01126	0.13%

Sequence No.: 24

Autosampler Location: 129

Sample ID: F0936-07B,31385
Analyst:
Initial Sample Wt:
Dilution: 20X Pb

Date Collected: 8/6/2007 12:58:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-07B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	720320.8	20.528	mg/L	0.0115	20.528	mg/L	0.0115	0.06%
Cr 267.716	3583.2	0.0658	mg/L	0.00045	0.0658	mg/L	0.00045	0.69%
Cu 324.752	307122.3	0.9942	mg/L	0.00171	0.9942	mg/L	0.00171	0.17%
Fe 273.955	1563905.6	42.167	mg/L	0.0194	42.167	mg/L	0.0194	0.05%
Mg 279.077	174149.3	6.3837	mg/L	0.01249	6.3837	mg/L	0.01249	0.20%
Mn 257.610	422618.9	0.6245	mg/L	0.00026	0.6245	mg/L	0.00026	0.04%
Ni 231.604	1283.7	0.0562	mg/L	0.00043	0.0562	mg/L	0.00043	0.77%
Pb 220.353	12314.6	2.2095	mg/L	0.01363	2.2095	mg/L	0.01363	0.62%
Tl 190.801	-4.2	0.0066	mg/L	0.00368	0.0066	mg/L	0.00368	55.67%
V 292.402	6056.8	0.0542	mg/L	0.00061	0.0542	mg/L	0.00061	1.13%
Ti 334.940	287838.8	0.3033	mg/L	0.00009	0.3033	mg/L	0.00009	0.03%
Ca 227.546	11449.2	40.418	mg/L	0.4296	40.418	mg/L	0.4296	1.06%

Sequence No.: 25
Sample ID: F0936-08B,31385
Analyst:
Initial Sample Wt:
Dilution: 20X Pb

Autosampler Location: 130
Date Collected: 8/6/2007 1:01:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-08B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	498479.5	14.206	mg/L	0.0370	14.206	mg/L	0.0370	0.26%
Cr 267.716	2584.7	0.0474	mg/L	0.00014	0.0474	mg/L	0.00014	0.31%
Cu 324.752	209468.7	0.6781	mg/L	0.00245	0.6781	mg/L	0.00245	0.36%
Fe 273.955	1143169.7	30.818	mg/L	0.0967	30.818	mg/L	0.0967	0.31%
Mg 279.077	133187.3	4.8829	mg/L	0.02052	4.8829	mg/L	0.02052	0.42%
Mn 257.610	323859.3	0.4786	mg/L	0.00106	0.4786	mg/L	0.00106	0.22%
Ni 231.604	925.7	0.0405	mg/L	0.00009	0.0405	mg/L	0.00009	0.22%
Pb 220.353	8811.6	1.5810	mg/L	0.00242	1.5810	mg/L	0.00242	0.15%
Tl 190.801	-0.9	0.0065	mg/L	0.00176	0.0065	mg/L	0.00176	27.16%
V 292.402	4276.6	0.0383	mg/L	0.00002	0.0383	mg/L	0.00002	0.04%
Ti 334.940	227558.2	0.2397	mg/L	0.00074	0.2397	mg/L	0.00074	0.31%
Ca 227.546	8282.6	29.233	mg/L	0.0189	29.233	mg/L	0.0189	0.06%

Sequence No.: 26
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/6/2007 1:04:30 PM
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	7533.6	0.2143	mg/L	0.00459	0.2143	mg/L	0.00459	2.14%
Cr 267.716	595.8	0.0109	mg/L	0.00012	0.0109	mg/L	0.00012	1.06%
Cu 324.752	7568.9	0.0246	mg/L	0.00006	0.0246	mg/L	0.00006	0.23%
Fe 273.955	4517.6	0.1472	mg/L	0.01019	0.1472	mg/L	0.01019	6.93%
Mg 279.077	146674.1	5.3866	mg/L	0.05132	5.3866	mg/L	0.05132	0.95%
Mn 257.610	11380.8	0.0168	mg/L	0.00036	0.0168	mg/L	0.00036	2.16%
Ni 231.604	1045.0	0.0449	mg/L	0.00006	0.0449	mg/L	0.00006	0.14%
Pb 220.353	68.0	0.0123	mg/L	0.00004	0.0123	mg/L	0.00004	0.29%
Tl 190.801	37.5	0.0273	mg/L	0.00235	0.0273	mg/L	0.00235	8.63%
V 292.402	6156.8	0.0544	mg/L	0.00012	0.0544	mg/L	0.00012	0.21%
Ti 334.940	-46.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	62.09%
Ca 227.546	1367.2	4.9278	mg/L	0.05258	4.9278	mg/L	0.05258	1.07%

Sequence No.: 27
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/6/2007 1:07:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	17628219.0	502.40	mg/L	6.544	502.40	mg/L	6.544	1.30%
Cr 267.716	-134.8	0.0149	mg/L	0.00008	0.0149	mg/L	0.00008	0.57%
Cu 324.752	-6222.1	-0.0061	mg/L	0.00024	-0.0061	mg/L	0.00024	3.89%
Fe 273.955	6761784.2	186.22	mg/L	2.293	186.22	mg/L	2.293	1.23%
Mg 279.077	12902704.1	473.75	mg/L	5.901	473.75	mg/L	5.901	1.25%
Mn 257.610	1304.2	0.0019	mg/L	0.00028	0.0019	mg/L	0.00028	14.39%
Saturated outside survey window (code 6)								
Ni 231.604	54.3	0.0266	mg/L	0.00007	0.0266	mg/L	0.00007	0.28%
Pb 220.353	-170.4	0.0056	mg/L	0.00180	0.0056	mg/L	0.00180	32.10%
Tl 190.801	-12.7	0.0056	mg/L	0.00322	0.0056	mg/L	0.00322	57.56%
V 292.402	-437.6	-0.0008	mg/L	0.00003	-0.0008	mg/L	0.00003	3.48%
Ti 334.940	-5812.1	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002	9.22%
Ca 227.546	145902.4	522.63	mg/L	5.252	522.63	mg/L	5.252	1.00%

Sequence No.: 28
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/6/2007 1:10:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	16329867.3	465.39	mg/L	0.838	465.39	mg/L	0.838	0.18%
Cr 267.716	25086.2	0.4729	mg/L	0.00633	0.4729	mg/L	0.00633	1.34%
Cu 324.752	140527.5	0.4676	mg/L	0.00595	0.4676	mg/L	0.00595	1.27%
Fe 273.955	6297260.9	173.41	mg/L	0.241	173.41	mg/L	0.241	0.14%
Mg 279.077	11974002.2	439.66	mg/L	0.602	439.66	mg/L	0.602	0.14%
Mn 257.610	310761.0	0.4592	mg/L	0.00423	0.4592	mg/L	0.00423	0.92%
Ni 231.604	19755.1	0.8686	mg/L	0.00277	0.8686	mg/L	0.00277	0.32%
Pb 220.353	85.4	0.0488	mg/L	0.00076	0.0488	mg/L	0.00076	1.55%
Tl 190.801	105.8	0.0908	mg/L	0.00229	0.0908	mg/L	0.00229	2.52%
V 292.402	51821.0	0.4615	mg/L	0.00583	0.4615	mg/L	0.00583	1.26%
Ti 334.940	-5392.1	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	23.68%
Ca 227.546	135876.2	486.67	mg/L	5.728	486.67	mg/L	5.728	1.18%

Sequence No.: 29
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/6/2007 1:13:58 PM
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.	RSD
Al 308.215	346396.4	9.8526	mg/L	0.08322	9.8526	mg/L	0.08322	0.84%
Cr 267.716	55899.1	1.0178	mg/L	0.00968	1.0178	mg/L	0.00968	0.95%
Cu 324.752	371293.0	1.2017	mg/L	0.01319	1.2017	mg/L	0.01319	1.10%
Fe 273.955	187288.2	5.1894	mg/L	0.03240	5.1894	mg/L	0.03240	0.62%
Mg 279.077	676753.5	24.883	mg/L	0.2050	24.883	mg/L	0.2050	0.82%
Mn 257.610	1705931.4	2.5208	mg/L	0.02382	2.5208	mg/L	0.02382	0.94%
Ni 231.604	59751.4	2.5598	mg/L	0.02485	2.5598	mg/L	0.02485	0.97%
Pb 220.353	2799.1	0.5026	mg/L	0.00256	0.5026	mg/L	0.00256	0.51%
Tl 190.801	694.4	0.5056	mg/L	0.00189	0.5056	mg/L	0.00189	0.37%
V 292.402	284183.8	2.5127	mg/L	0.02474	2.5127	mg/L	0.02474	0.98%
Ti 334.940	426.7	0.0006	mg/L	0.00002	0.0006	mg/L	0.00002	2.87%
Ca 227.546	6809.0	24.299	mg/L	0.0006	24.299	mg/L	0.0006	0.00%

Sequence No.: 30
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/6/2007 1:17:05 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
Al 308.215	588.7	0.0168	mg/L	0.00092	0.0168	mg/L	0.00092	5.48%
Cr 267.716	8.8	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	19.51%
Cu 324.752	-365.1	-0.0012	mg/L	0.00008	-0.0012	mg/L	0.00008	6.56%
Fe 273.955	125.4	0.0033	mg/L	0.00223	0.0033	mg/L	0.00223	66.65%
Mg 279.077	338.1	0.0124	mg/L	0.00331	0.0124	mg/L	0.00331	26.68%
Mn 257.610	68.7	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	50.93%
Ni 231.604	2.0	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	35.63%
Pb 220.353	-0.9	-0.0002	mg/L	0.00021	-0.0002	mg/L	0.00021	128.16%
Tl 190.801	-1.1	-0.0008	mg/L	0.00312	-0.0008	mg/L	0.00312	374.82%
V 292.402	25.3	0.0002	mg/L	0.00019	0.0002	mg/L	0.00019	86.19%
Ti 334.940	-79.5	-0.0001	mg/L	0.00001	-0.0001	mg/L	0.00001	13.42%
Ca 227.546	-7.4	-0.0267	mg/L	0.00486	-0.0267	mg/L	0.00486	18.19%

Sequence No.: 31
Sample ID: F0936-12B,31385
Analyst:
Initial Sample Wt:
Dilution: 100 X Pb

Autosampler Location: 131
Date Collected: 8/6/2007 1:20:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1234330.8	35.177	mg/L	0.0221	35.177	mg/L	0.0221	0.06%
Cr 267.716	3838.4	0.0707	mg/L	0.00033	0.0707	mg/L	0.00033	0.47%
Cu 324.752	183546.8	0.5936	mg/L	0.00013	0.5936	mg/L	0.00013	0.02%
Fe 273.955	2973875.8	79.947	mg/L	0.0203	79.947	mg/L	0.0203	0.03%
Mg 279.077	308074.8	11.295	mg/L	0.0278	11.295	mg/L	0.0278	0.25%
Mn 257.610	1009448.9	1.4916	mg/L	0.00277	1.4916	mg/L	0.00277	0.19%
Ni 231.604	2510.3	0.1089	mg/L	0.00002	0.1089	mg/L	0.00002	0.02%
Pb 220.353	15031.8	2.6975	mg/L	0.01527	2.6975	mg/L	0.01527	0.57%
Tl 190.801	-4.2	0.0161	mg/L	0.00102	0.0161	mg/L	0.00102	6.31%
V 292.402	8736.7	0.0787	mg/L	0.00124	0.0787	mg/L	0.00124	1.57%
Ti 334.940	3052.5	0.0035	mg/L	0.00010	0.0035	mg/L	0.00010	2.84%
Ca 227.546	6841.8	22.987	mg/L	0.0590	22.987	mg/L	0.0590	0.26%

Sequence No.: 32
Sample ID: F0936-12BMS,31385
Analyst:
Initial Sample Wt:
Dilution: 100 X Pb

Autosampler Location: 24
Date Collected: 8/6/2007 1:23:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BMS,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1263180.2	36.000	mg/L	0.0810	36.000	mg/L	0.0810	0.22%
Cr 267.716	4027.3	0.0737	mg/L	0.00016	0.0737	mg/L	0.00016	0.22%
Cu 324.752	199931.3	0.6469	mg/L	0.00532	0.6469	mg/L	0.00532	0.82%
Fe 273.955	2070119.9	55.748	mg/L	0.2068	55.748	mg/L	0.2068	0.37%
Mg 279.077	320575.8	11.766	mg/L	0.0613	11.766	mg/L	0.0613	0.52%
Mn 257.610	1047200.4	1.5474	mg/L	0.00695	1.5474	mg/L	0.00695	0.45%
Ni 231.604	2885.4	0.1250	mg/L	0.00016	0.1250	mg/L	0.00016	0.13%
Pb 220.353	15774.5	2.8307	mg/L	0.02069	2.8307	mg/L	0.02069	0.73%
Tl 190.801	-5.5	0.0092	mg/L	0.00053	0.0092	mg/L	0.00053	5.81%
V 292.402	-24.8	0.0009	mg/L	0.00001	0.0009	mg/L	0.00001	0.85%
Ti 334.940	1828.8	0.0022	mg/L	0.00006	0.0022	mg/L	0.00006	2.82%

Ca 227.546	7170.0	24.688 mg/L	0.1356	24.688 mg/L	0.1356	0.55%

Sequence No.: 33
Sample ID: F0936-12BDUP,31385
Analyst:
Initial Sample Wt:
Dilution: 100X Pb

Autosampler Location: 132
Date Collected: 8/6/2007 1:27:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1211047.8	34.514	mg/L	0.1321	34.514	mg/L	0.1321	0.38%
Cr 267.716	3866.8	0.0712	mg/L	0.00005	0.0712	mg/L	0.00005	0.07%
Cu 324.752	184318.8	0.5961	mg/L	0.00289	0.5961	mg/L	0.00289	0.49%
Fe 273.955	2917346.2	78.428	mg/L	0.1990	78.428	mg/L	0.1990	0.25%
Mg 279.077	305916.1	11.216	mg/L	0.0496	11.216	mg/L	0.0496	0.44%
Mn 257.610	988971.8	1.4614	mg/L	0.00163	1.4614	mg/L	0.00163	0.11%
Ni 231.604	2472.1	0.1073	mg/L	0.00020	0.1073	mg/L	0.00020	0.19%
Pb 220.353	15017.2	2.6948	mg/L	0.01968	2.6948	mg/L	0.01968	0.73%
Tl 190.801	-7.5	0.0134	mg/L	0.00016	0.0134	mg/L	0.00016	1.17%
V 292.402	8660.7	0.0780	mg/L	0.00051	0.0780	mg/L	0.00051	0.65%
Ti 334.940	3469.4	0.0039	mg/L	0.00001	0.0039	mg/L	0.00001	0.23%
Ca 227.546	6754.7	22.705	mg/L	0.0091	22.705	mg/L	0.0091	0.04%

Sequence No.: 34
Sample ID: F0936-12BSD,31385
Analyst:
Initial Sample Wt:
Dilution: 500X Pb

Autosampler Location: 133
Date Collected: 8/6/2007 1:30:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	243713.5	6.9456	mg/L	0.03284	6.9456	mg/L	0.03284	0.47%
Cr 267.716	780.0	0.0144	mg/L	0.00010	0.0144	mg/L	0.00010	0.71%
Cu 324.752	38008.3	0.1229	mg/L	0.00093	0.1229	mg/L	0.00093	0.76%
Fe 273.955	619850.5	16.660	mg/L	0.0767	16.660	mg/L	0.0767	0.46%
Mg 279.077	64781.9	2.3751	mg/L	0.00911	2.3751	mg/L	0.00911	0.38%
Mn 257.610	208968.6	0.3088	mg/L	0.00157	0.3088	mg/L	0.00157	0.51%
Ni 231.604	512.6	0.0222	mg/L	0.00017	0.0222	mg/L	0.00017	0.77%
Pb 220.353	3074.7	0.5517	mg/L	0.00067	0.5517	mg/L	0.00067	0.12%
Tl 190.801	-1.6	0.0029	mg/L	0.00150	0.0029	mg/L	0.00150	52.53%
V 292.402	1793.1	0.0162	mg/L	0.00033	0.0162	mg/L	0.00033	2.07%
Ti 334.940	573.5	0.0007	mg/L	0.00001	0.0007	mg/L	0.00001	1.00%
Ca 227.546	1347.2	4.5065	mg/L	0.01558	4.5065	mg/L	0.01558	0.35%

Sequence No.: 35
Sample ID: F0936-15B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 134
Date Collected: 8/6/2007 1:33:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-15B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	261467.5	7.4516	mg/L	0.02645	7.4516	mg/L	0.02645	0.35%
Cr 267.716	865.1	0.0148	mg/L	0.00020	0.0148	mg/L	0.00020	1.34%
Cu 324.752	15313.7	0.0526	mg/L	0.00010	0.0526	mg/L	0.00010	0.18%
Fe 273.955	1339797.2	36.419	mg/L	0.2901	36.419	mg/L	0.2901	0.80%
Mg 279.077	852299.2	31.305	mg/L	0.2539	31.305	mg/L	0.2539	0.81%
Mn 257.610	1228747.5	1.8157	mg/L	0.01254	1.8157	mg/L	0.01254	0.69%
Ni 231.604	1147.3	0.0521	mg/L	0.00027	0.0521	mg/L	0.00027	0.52%
Pb 220.353	1767.6	0.3182	mg/L	0.00254	0.3182	mg/L	0.00254	0.80%
Tl 190.801	-8.7	0.0048	mg/L	0.00282	0.0048	mg/L	0.00282	58.12%
V 292.402	2304.9	0.0211	mg/L	0.00020	0.0211	mg/L	0.00020	0.97%

Ti 334.940	67923.2	0.0728 mg/L	0.00009	0.0728 mg/L	0.00009	0.13%
Ca 227.546	31943.5	114.52 mg/L	0.373	114.52 mg/L	0.373	0.33%

Sequence No.: 36
Sample ID: F0936-17B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 135
Date Collected: 8/6/2007 1:36:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-17B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	9301981.5	265.10	mg/L	2.510	265.10	mg/L	2.510	0.95%
Cr 267.716	24524.9	0.4435	mg/L	0.00341	0.4435	mg/L	0.00341	0.77%
Cu 324.752	301163.2	0.9763	mg/L	0.00054	0.9763	mg/L	0.00054	0.05%
Fe 273.955	19155818.6	515.52	mg/L	2.249	515.52	mg/L	2.249	0.44%
Mg 279.077	2584387.3	94.902	mg/L	0.9491	94.902	mg/L	0.9491	1.00%
Mn 257.610	13099595.3	19.357	mg/L	0.1093	19.357	mg/L	0.1093	0.56%
Ni 231.604	14846.5	0.6474	mg/L	0.00289	0.6474	mg/L	0.00289	0.45%
Pb 220.353	2642.2	0.4879	mg/L	0.00131	0.4879	mg/L	0.00131	0.27%
Tl 190.801	-18.3	0.1190	mg/L	0.00422	0.1190	mg/L	0.00422	3.55%
V 292.402	46368.8	0.4204	mg/L	0.00381	0.4204	mg/L	0.00381	0.91%
Ti 334.940	1016525.2	1.0722	mg/L	0.00913	1.0722	mg/L	0.00913	0.85%
Ca 227.546	67047.4	231.04	mg/L	0.058	231.04	mg/L	0.058	0.03%

Sequence No.: 37
Sample ID: F0981-01B,31385
Analyst:
Initial Sample Wt:
Dilution: 100 X Pb

Autosampler Location: 136
Date Collected: 8/6/2007 1:40:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-01B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	256522.7	7.3106	mg/L	0.02505	7.3106	mg/L	0.02505	0.34%
Cr 267.716	1404.3	0.0258	mg/L	0.00001	0.0258	mg/L	0.00001	0.04%
Cu 324.752	44065.9	0.1427	mg/L	0.00163	0.1427	mg/L	0.00163	1.14%
Fe 273.955	996643.8	26.791	mg/L	0.1983	26.791	mg/L	0.1983	0.74%
Mg 279.077	75460.2	2.7637	mg/L	0.01650	2.7637	mg/L	0.01650	0.60%
Mn 257.610	265375.1	0.3921	mg/L	0.00239	0.3921	mg/L	0.00239	0.61%
Ni 231.604	565.6	0.0247	mg/L	0.00002	0.0247	mg/L	0.00002	0.07%
Pb 220.353	8311.0	1.4908	mg/L	0.00344	1.4908	mg/L	0.00344	0.23%
Tl 190.801	-3.1	0.0043	mg/L	0.00203	0.0043	mg/L	0.00203	46.96%
V 292.402	2570.5	0.0232	mg/L	0.00005	0.0232	mg/L	0.00005	0.20%
Ti 334.940	49075.9	0.0518	mg/L	0.00008	0.0518	mg/L	0.00008	0.15%
Ca 227.546	3806.1	13.165	mg/L	0.0612	13.165	mg/L	0.0612	0.46%

Sequence No.: 38
Sample ID: F0981-06B,31385
Analyst:
Initial Sample Wt:
Dilution: 5 X Pb

Autosampler Location: 137
Date Collected: 8/6/2007 1:43:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	6946759.0	197.98	mg/L	1.145	197.98	mg/L	1.145	0.58%
Cr 267.716	17510.3	0.3134	mg/L	0.00207	0.3134	mg/L	0.00207	0.66%
Cu 324.752	243727.9	0.7932	mg/L	0.01355	0.7932	mg/L	0.01355	1.71%
Fe 273.955	17925787.5	482.58	mg/L	2.446	482.58	mg/L	2.446	0.51%
Mg 279.077	3315051.0	121.75	mg/L	0.462	121.75	mg/L	0.462	0.38%
Mn 257.610	13000516.4	19.210	mg/L	0.0873	19.210	mg/L	0.0873	0.45%
Ni 231.604	12764.5	0.5589	mg/L	0.00278	0.5589	mg/L	0.00278	0.50%
Pb 220.353	3887.0	0.7080	mg/L	0.00215	0.7080	mg/L	0.00215	0.30%
Tl 190.801	-21.3	0.1142	mg/L	0.00002	0.1142	mg/L	0.00002	0.02%

V 292.402	30188.8	0.2768 mg/L	0.00279	0.2768 mg/L	0.00279	1.01%
Ti 334.940	550783.9	0.5832 mg/L	0.00247	0.5832 mg/L	0.00247	0.42%
Ca 227.546	89401.5	312.42 mg/L	3.923	312.42 mg/L	3.923	1.26%

Sequence No.: 39
Sample ID: F0981-06BSD,31385
Analyst:
Initial Sample Wt:
Dilution: 25x PM

Autosampler Location: 138
Date Collected: 8/6/2007 1:46:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1467691.2	41.828	mg/L	0.4271	41.828	mg/L	0.4271	1.02%
Cr 267.716	3851.2	0.0687	mg/L	0.00066	0.0687	mg/L	0.00066	0.96%
Cu 324.752	50399.0	0.1638	mg/L	0.00103	0.1638	mg/L	0.00103	0.63%
Fe 273.955	4497929.9	120.99	mg/L	1.038	120.99	mg/L	1.038	0.86%
Mg 279.077	757802.2	27.829	mg/L	0.2329	27.829	mg/L	0.2329	0.84%
Mn 257.610	3126440.0	4.6198	mg/L	0.04112	4.6198	mg/L	0.04112	0.89%
Ni 231.604	2958.5	0.1292	mg/L	0.00036	0.1292	mg/L	0.00036	0.28%
Pb 220.353	899.8	0.1635	mg/L	0.00051	0.1635	mg/L	0.00051	0.31%
Tl 190.801	-7.8	0.0272	mg/L	0.00047	0.0272	mg/L	0.00047	1.72%
V 292.402	6635.9	0.0611	mg/L	0.00015	0.0611	mg/L	0.00015	0.25%
Ti 334.940	117377.8	0.1243	mg/L	0.00070	0.1243	mg/L	0.00070	0.56%
Ca 227.546	18347.1	63.649	mg/L	0.6041	63.649	mg/L	0.6041	0.95%

Sequence No.: 40
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/6/2007 1:49:56 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
Al 308.215	344296.6	9.7926	mg/L	0.09493	9.7926	mg/L	0.09493	0.97%
Cr 267.716	56510.6	1.0289	mg/L	0.01519	1.0289	mg/L	0.01519	1.48%
Cu 324.752	371997.0	1.2040	mg/L	0.01546	1.2040	mg/L	0.01546	1.28%
Fe 273.955	187291.1	5.1895	mg/L	0.05195	5.1895	mg/L	0.05195	1.00%
Mg 279.077	675872.3	24.850	mg/L	0.2551	24.850	mg/L	0.2551	1.03%
Mn 257.610	1707891.7	2.5237	mg/L	0.02845	2.5237	mg/L	0.02845	1.13%
Ni 231.604	60155.2	2.5771	mg/L	0.04631	2.5771	mg/L	0.04631	1.80%
Pb 220.353	2818.8	0.5061	mg/L	0.00104	0.5061	mg/L	0.00104	0.20%
Tl 190.801	699.9	0.5096	mg/L	0.00078	0.5096	mg/L	0.00078	0.15%
V 292.402	286673.1	2.5347	mg/L	0.03938	2.5347	mg/L	0.03938	1.55%
Ti 334.940	487.4	0.0007	mg/L	0.00002	0.0007	mg/L	0.00002	3.49%
Ca 227.546	6834.2	24.389	mg/L	0.0766	24.389	mg/L	0.0766	0.31%

Sequence No.: 41
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/6/2007 1:53:03 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
Al 308.215	269.8	0.0077	mg/L	0.00007	0.0077	mg/L	0.00007	0.87%
Cr 267.716	10.8	0.0002	mg/L	0.00002	0.0002	mg/L	0.00002	8.89%
Cu 324.752	-412.5	-0.0013	mg/L	0.00004	-0.0013	mg/L	0.00004	2.74%
Fe 273.955	131.4	0.0037	mg/L	0.00018	0.0037	mg/L	0.00018	4.77%
Mg 279.077	87.1	0.0032	mg/L	0.00072	0.0032	mg/L	0.00072	22.44%
Mn 257.610	184.7	0.0003	mg/L	0.00006	0.0003	mg/L	0.00006	23.79%
Ni 231.604	-0.7	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	229.99%
Pb 220.353	1.8	0.0003	mg/L	0.00084	0.0003	mg/L	0.00084	256.98%

Tl 190.801	0.6	0.0004 mg/L	0.00014	0.0004 mg/L	0.00014	31.11%
V 292.402	28.4	0.0003 mg/L	0.00022	0.0003 mg/L	0.00022	87.30%
Ti 334.940	-72.9	-0.0001 mg/L	0.00001	-0.0001 mg/L	0.00001	15.45%
Ca 227.546	8.4	0.0301 mg/L	0.01777	0.0301 mg/L	0.01777	58.95%

Sequence No.: 42
Sample ID: F0981-03B,31386
Analyst:
Initial Sample Wt:
Dilution: 5x Fe

Autosampler Location: 26
Date Collected: 8/6/2007 1:56:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-03B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1585709.6	45.192	mg/L	0.0199	45.192	mg/L	0.0199	0.04%
Cr 267.716	3875.4	0.0720	mg/L	0.00039	0.0720	mg/L	0.00039	0.55%
Cu 324.752	23859.1	0.0768	mg/L	0.00044	0.0768	mg/L	0.00044	0.58%
Fe 273.955	2974542.1	79.984	mg/L	0.0581	79.984	mg/L	0.0581	0.07%
Mg 279.077	711956.4	26.121	mg/L	0.0185	26.121	mg/L	0.0185	0.07%
Mn 257.610	676900.6	1.0002	mg/L	0.00063	1.0002	mg/L	0.00063	0.06%
Ni 231.604	2977.0	0.1285	mg/L	0.00063	0.1285	mg/L	0.00063	0.49%
Pb 220.353	231.6	0.0442	mg/L	0.00025	0.0442	mg/L	0.00025	0.58%
Tl 190.801	-4.0	0.0149	mg/L	0.00161	0.0149	mg/L	0.00161	10.83%
V 292.402	6578.3	0.0596	mg/L	0.00038	0.0596	mg/L	0.00038	0.64%
Ti 334.940	550475.0	0.5792	mg/L	0.00083	0.5792	mg/L	0.00083	0.14%
Ca 227.546	3678.0	11.567	mg/L	0.0975	11.567	mg/L	0.0975	0.84%

Sequence No.: 43
Sample ID: F0981-04B,31386
Analyst:
Initial Sample Wt:
Dilution: 5x Fe

Autosampler Location: 27
Date Collected: 8/6/2007 1:59:55 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-04B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1060047.3	30.210	mg/L	0.2938	30.210	mg/L	0.2938	0.97%
Cr 267.716	2834.1	0.0521	mg/L	0.00032	0.0521	mg/L	0.00032	0.61%
Cu 324.752	33451.0	0.1084	mg/L	0.00076	0.1084	mg/L	0.00076	0.70%
Fe 273.955	2801275.4	75.343	mg/L	0.6785	75.343	mg/L	0.6785	0.90%
Mg 279.077	746262.8	27.389	mg/L	0.2475	27.389	mg/L	0.2475	0.90%
Mn 257.610	1033128.2	1.5266	mg/L	0.01362	1.5266	mg/L	0.01362	0.89%
Ni 231.604	1551.0	0.0676	mg/L	0.00014	0.0676	mg/L	0.00014	0.20%
Pb 220.353	2519.3	0.4536	mg/L	0.00077	0.4536	mg/L	0.00077	0.17%
Tl 190.801	-6.8	0.0137	mg/L	0.00114	0.0137	mg/L	0.00114	8.37%
V 292.402	6962.0	0.0629	mg/L	0.00007	0.0629	mg/L	0.00007	0.10%
Ti 334.940	297976.5	0.3138	mg/L	0.00293	0.3138	mg/L	0.00293	0.93%
Ca 227.546	8806.4	30.178	mg/L	0.0212	30.178	mg/L	0.0212	0.07%

Sequence No.: 44
Sample ID: F0981-05B,31386
Analyst:
Initial Sample Wt:
Dilution: 5x Fe

Autosampler Location: 28
Date Collected: 8/6/2007 2:03:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-05B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	998082.5	28.445	mg/L	0.0325	28.445	mg/L	0.0325	0.11%
Cr 267.716	2613.5	0.0472	mg/L	0.00007	0.0472	mg/L	0.00007	0.14%
Cu 324.752	31367.2	0.1009	mg/L	0.00098	0.1009	mg/L	0.00098	0.97%
Fe 273.955	2946427.7	79.110	mg/L	0.0128	79.110	mg/L	0.0128	0.02%
Mg 279.077	353650.9	12.980	mg/L	0.1003	12.980	mg/L	0.1003	0.77%
Mn 257.610	1634746.6	2.4156	mg/L	0.00409	2.4156	mg/L	0.00409	0.17%
Ni 231.604	1518.5	0.0657	mg/L	0.00017	0.0657	mg/L	0.00017	0.25%

Pb 220.353	1892.8	0.3407 mg/L	0.00043	0.3407 mg/L	0.00043	0.12%
Tl 190.801	-1.7	0.0193 mg/L	0.00154	0.0193 mg/L	0.00154	8.00%
V 292.402	6325.4	0.0575 mg/L	0.00052	0.0575 mg/L	0.00052	0.90%
Ti 334.940	199380.7	0.2098 mg/L	0.00141	0.2098 mg/L	0.00141	0.67%
Ca 227.546	1994.7	5.5175 mg/L	0.01548	5.5175 mg/L	0.01548	0.28%

Sequence No.: 45
Sample ID: F0981-10B,31386
Analyst:
Initial Sample Wt:
Dilution: 5x Fe

Autosampler Location: 29
Date Collected: 8/6/2007 2:06:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-10B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1581873.2	45.082	mg/L	0.1510	45.082	mg/L	0.1510	0.33%
Cr 267.716	5212.5	0.0968	mg/L	0.00026	0.0968	mg/L	0.00026	0.27%
Cu 324.752	23600.0	0.0756	mg/L	0.00137	0.0756	mg/L	0.00137	1.82%
Fe 273.955	3380679.8	90.836	mg/L	0.4122	90.836	mg/L	0.4122	0.45%
Mg 279.077	653472.2	23.964	mg/L	0.1507	23.964	mg/L	0.1507	0.63%
Mn 257.610	444330.9	0.6566	mg/L	0.00280	0.6566	mg/L	0.00280	0.43%
Ni 231.604	2622.0	0.1131	mg/L	0.00031	0.1131	mg/L	0.00031	0.27%
Pb 220.353	192.6	0.0373	mg/L	0.00066	0.0373	mg/L	0.00066	1.78%
Tl 190.801	-8.7	0.0138	mg/L	0.00059	0.0138	mg/L	0.00059	4.28%
V 292.402	7301.7	0.0662	mg/L	0.00024	0.0662	mg/L	0.00024	0.37%
Ti 334.940	532476.3	0.5602	mg/L	0.00188	0.5602	mg/L	0.00188	0.34%
Ca 227.546	1982.3	5.2151	mg/L	0.00186	5.2151	mg/L	0.00186	0.04%

Sequence No.: 46
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/6/2007 2:09:25 PM
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	7856.2	0.2235	mg/L	0.00692	0.2235	mg/L	0.00692	3.10%
Cr 267.716	600.9	0.0110	mg/L	0.00002	0.0110	mg/L	0.00002	0.14%
Cu 324.752	7524.4	0.0245	mg/L	0.00014	0.0245	mg/L	0.00014	0.57%
Fe 273.955	4773.2	0.1540	mg/L	0.01529	0.1540	mg/L	0.01529	9.93%
Mg 279.077	147343.8	5.4112	mg/L	0.03483	5.4112	mg/L	0.03483	0.64%
Mn 257.610	11465.5	0.0169	mg/L	0.00031	0.0169	mg/L	0.00031	1.82%
Ni 231.604	1049.0	0.0450	mg/L	0.00004	0.0450	mg/L	0.00004	0.09%
Pb 220.353	55.8	0.0101	mg/L	0.00045	0.0101	mg/L	0.00045	4.44%
Tl 190.801	35.5	0.0258	mg/L	0.00101	0.0258	mg/L	0.00101	3.89%
V 292.402	6222.3	0.0550	mg/L	0.00034	0.0550	mg/L	0.00034	0.61%
Ti 334.940	-23.7	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	196.76%
Ca 227.546	1357.4	4.8922	mg/L	0.02445	4.8922	mg/L	0.02445	0.50%

Sequence No.: 47
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/6/2007 2:12:28 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
Al 308.215	17530402.9	499.61	mg/L	3.274	499.61	mg/L	3.274	0.66%
Cr 267.716	-130.6	0.0149	mg/L	0.00008	0.0149	mg/L	0.00008	0.52%
Cu 324.752	-6320.0	-0.0063	mg/L	0.00032	-0.0063	mg/L	0.00032	5.04%
Fe 273.955	6725667.6	185.26	mg/L	1.042	185.26	mg/L	1.042	0.56%
Mg 279.077	12835813.5	471.30	mg/L	2.774	471.30	mg/L	2.774	0.59%
Mn 257.610	1196.1	0.0018	mg/L	0.00014	0.0018	mg/L	0.00014	8.15%

Saturated outside survey window (code 6)

Ni 231.604	57.4	0.0268	mg/L	0.00006	0.0268	mg/L	0.00006	0.21%
Pb 220.353	-170.6	0.0054	mg/L	0.00146	0.0054	mg/L	0.00146	26.85%
Tl 190.801	-10.1	0.0074	mg/L	0.00285	0.0074	mg/L	0.00285	38.55%
V 292.402	-416.9	-0.0006	mg/L	0.00004	-0.0006	mg/L	0.00004	6.45%
Ti 334.940	-5826.2	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	12.54%
Ca 227.546	147347.8	527.87	mg/L	2.552	527.87	mg/L	2.552	0.48%

Sequence No.: 48
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/6/2007 2:15:42 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
Al 308.215	16279031.2	463.94	mg/L	0.842	463.94	mg/L	0.842	0.18%
Cr 267.716	25103.1	0.4731	mg/L	0.00895	0.4731	mg/L	0.00895	1.89%
Cu 324.752	140356.6	0.4670	mg/L	0.00637	0.4670	mg/L	0.00637	1.36%
Fe 273.955	6277163.2	172.86	mg/L	0.340	172.86	mg/L	0.340	0.20%
Mg 279.077	11931949.7	438.11	mg/L	0.889	438.11	mg/L	0.889	0.20%
Mn 257.610	309505.7	0.4574	mg/L	0.00675	0.4574	mg/L	0.00675	1.48%
Ni 231.604	19707.3	0.8665	mg/L	0.00232	0.8665	mg/L	0.00232	0.27%
Pb 220.353	75.9	0.0470	mg/L	0.00127	0.0470	mg/L	0.00127	2.69%
Tl 190.801	105.7	0.0907	mg/L	0.00125	0.0907	mg/L	0.00125	1.38%
V 292.402	51794.0	0.4613	mg/L	0.00825	0.4613	mg/L	0.00825	1.79%
Ti 334.940	-5390.9	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	28.96%
Ca 227.546	135455.1	485.16	mg/L	6.861	485.16	mg/L	6.861	1.41%

Sequence No.: 49
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/6/2007 2:18:52 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
Al 308.215	348422.6	9.9100	mg/L	0.00975	9.9100	mg/L	0.00975	0.10%
Cr 267.716	56749.4	1.0333	mg/L	0.00328	1.0333	mg/L	0.00328	0.32%
Cu 324.752	374073.3	1.2107	mg/L	0.00236	1.2107	mg/L	0.00236	0.19%
Fe 273.955	188367.6	5.2192	mg/L	0.01541	5.2192	mg/L	0.01541	0.30%
Mg 279.077	680293.9	25.013	mg/L	0.0507	25.013	mg/L	0.0507	0.20%
Mn 257.610	1716887.0	2.5370	mg/L	0.00100	2.5370	mg/L	0.00100	0.04%
Ni 231.604	60635.5	2.5977	mg/L	0.00043	2.5977	mg/L	0.00043	0.02%
Pb 220.353	2809.6	0.5045	mg/L	0.00238	0.5045	mg/L	0.00238	0.47%
Tl 190.801	700.7	0.5102	mg/L	0.00197	0.5102	mg/L	0.00197	0.39%
V 292.402	288205.5	2.5482	mg/L	0.00097	2.5482	mg/L	0.00097	0.04%
Ti 334.940	438.5	0.0006	mg/L	0.00001	0.0006	mg/L	0.00001	1.60%
Ca 227.546	6843.7	24.422	mg/L	0.0706	24.422	mg/L	0.0706	0.29%

Sequence No.: 50
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/6/2007 2:21:59 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
Al 308.215	523.5	0.0149	mg/L	0.00223	0.0149	mg/L	0.00223	14.93%
Cr 267.716	0.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	72.93%
Cu 324.752	-391.9	-0.0013	mg/L	0.00009	-0.0013	mg/L	0.00009	7.07%
Fe 273.955	170.7	0.0048	mg/L	0.00135	0.0048	mg/L	0.00135	28.39%

Mg 279.077	273.7	0.0101 mg/L	0.00365	0.0101 mg/L	0.00365	36.31%
Mn 257.610	117.4	0.0002 mg/L	0.00005	0.0002 mg/L	0.00005	30.92%
Ni 231.604	6.9	0.0003 mg/L	0.00024	0.0003 mg/L	0.00024	79.81%
Pb 220.353	-4.0	-0.0007 mg/L	0.00115	-0.0007 mg/L	0.00115	159.03%
Tl 190.801	0.2	0.0002 mg/L	0.00030	0.0002 mg/L	0.00030	182.64%
V 292.402	28.8	0.0003 mg/L	0.00011	0.0003 mg/L	0.00011	41.50%
Ti 334.940	-81.5	-0.0001 mg/L	0.00001	-0.0001 mg/L	0.00001	6.66%
Ca 227.546	7.4	0.0265 mg/L	0.02846	0.0265 mg/L	0.02846	107.52%

Analysis Begun

Start Time: 8/8/2007 8:41:39 AM
Plasma On Time: 8/8/2007 6:03:49 AM
Logged In Analyst: optima3
Technique: ICP Continuous
Spectrometer Model: Optima 4300 DV, S/N 077N3102302Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0803C.sif
Batch ID:
Results Data Set: B07080803
Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: Na-K CLP
Method Last Saved: 10/3/2006 12:38:36 PM
IEC File:
MSF File:
Method Description: K-Na CLP

Sequence No.: 1
Autosampler Location: 1
Sample ID: S0
Date Collected: 8/8/2007 8:41:39 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
K 766.490	1265.1	24.90	1.97%	[0.00]	mg/L
Na 589.592	2792.7	94.74	3.39%	[0.00]	mg/L

Sequence No.: 2
Autosampler Location: 9
Sample ID: S1
Date Collected: 8/8/2007 8:44:14 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Calib Conc.	Units
K 766.490	196048.3	1681.38	0.86%	[50]	mg/L
Na 589.592	531637.1	4558.86	0.86%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
K 766.490	1	Lin Thru 0	0.0	3921	0.00000	1.000000	
Na 589.592	1	Lin Thru 0	0.0	10630	0.00000	1.000000	

Sequence No.: 3
Autosampler Location: 10
Sample ID: ICV
Date Collected: 8/8/2007 8:46:34 AM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	151346.5	38.599	mg/L✓	0.1345	38.599	mg/L	0.1345	0.35%
Na 589.592	417544.0	39.270	mg/L✓	0.1573	39.270	mg/L	0.1573	0.40%

Sequence No.: 4
Autosampler Location: 4
Sample ID: ICB
Date Collected: 8/8/2007 8:48:54 AM

Analyst:
Initial Sample Wt:
Dilution:
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	233.6	0.0596	mg/L	0.01194	0.0596	mg/L	0.01194	20.03%
Na 589.592	-193.9	-0.0182	mg/L	0.00492	-0.0182	mg/L	0.00492	26.95%

Sequence No.: 5
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 5
Date Collected: 8/8/2007 8:51:14 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
K 766.490	144.9	0.0370	mg/L	0.00486	0.0370	mg/L	0.00486	13.16%
Na 589.592	42.6	0.0040	mg/L	0.00414	0.0040	mg/L	0.00414	103.26%

Sequence No.: 6
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 6
Date Collected: 8/8/2007 8:53:35 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
K 766.490	91.1	0.0232	mg/L	0.01185	0.0232	mg/L	0.01185	51.02%
Na 589.592	-245.7	-0.0231	mg/L	0.01842	-0.0231	mg/L	0.01842	79.71%

Sequence No.: 7
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 8/8/2007 8:55:52 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
K 766.490	97503.3	24.867	mg/L	0.4041	24.867	mg/L	0.4041	1.62%
Na 589.592	268062.0	25.211	mg/L	0.4003	25.211	mg/L	0.4003	1.59%

Sequence No.: 8
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 8/8/2007 8:58:12 AM
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	37.8	0.0096	mg/L	0.00133	0.0096	mg/L	0.00133	13.81%
Na 589.592	87.4	0.0082	mg/L	0.00151	0.0082	mg/L	0.00151	18.34%

Sequence No.: 9
Sample ID: MB-31386,31386
Analyst:
Autosampler Location: 62
Date Collected: 8/8/2007 9:00:32 AM
Data Type: Original

Initial Sample Wt:
Dilution:
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	281.7	0.0719	mg/L	0.00409	0.0719	mg/L	0.00409	5.69%
Na 589.592	-110.1	-0.0104	mg/L	0.00130	-0.0104	mg/L	0.00130	12.51%

Sequence No.: 10
Sample ID: LCS-31386,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 63
Date Collected: 8/8/2007 9:02:52 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	97316.8	24.820	mg/L	0.1347	24.820	mg/L	0.1347	0.54%
Na 589.592	74683.5	7.0239	mg/L	0.03342	7.0239	mg/L	0.03342	0.48%

Sequence No.: 11
Sample ID: F0981-03B,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 64
Date Collected: 8/8/2007 9:05:12 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-03B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	121417.4	30.966	mg/L	0.1674	30.966	mg/L	0.1674	0.54%
Na 589.592	7543.7	0.7095	mg/L	0.00091	0.7095	mg/L	0.00091	0.13%

Sequence No.: 12
Sample ID: F0981-04B,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 65
Date Collected: 8/8/2007 9:07:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-04B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	73753.0	18.810	mg/L	0.1412	18.810	mg/L	0.1412	0.75%
Na 589.592	20450.3	1.9233	mg/L	0.01798	1.9233	mg/L	0.01798	0.94%

Sequence No.: 13
Sample ID: F0981-05B,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 66
Date Collected: 8/8/2007 9:09:52 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-05B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	62193.3	15.862	mg/L	0.0566	15.862	mg/L	0.0566	0.36%
Na 589.592	14484.6	1.3623	mg/L	0.01596	1.3623	mg/L	0.01596	1.17%

Sequence No.: 14
Sample ID: F0981-07B,31386
Analyst:
Initial Sample Wt:
Autosampler Location: 67
Date Collected: 8/8/2007 9:12:12 AM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: F0981-07B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	47714.7	12.169	mg/L	0.1291	12.169	mg/L	0.1291	1.06%
Na 589.592	23127.4	2.1751	mg/L	0.02509	2.1751	mg/L	0.02509	1.15%

==========

Sequence No.: 15 Autosampler Location: 68
Sample ID: F0981-08B,31386 Date Collected: 8/8/2007 9:14:32 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0981-08B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	72789.0	18.564	mg/L	0.3511	18.564	mg/L	0.3511	1.89%
Na 589.592	3225.5	0.3034	mg/L	0.00934	0.3034	mg/L	0.00934	3.08%

==========

Sequence No.: 16 Autosampler Location: 69
Sample ID: F0981-09B,31386 Date Collected: 8/8/2007 9:16:52 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0981-09B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	46828.1	11.943	mg/L	0.1044	11.943	mg/L	0.1044	0.87%
Na 589.592	5084.2	0.4782	mg/L	0.00405	0.4782	mg/L	0.00405	0.85%

==========

Sequence No.: 17 Autosampler Location: 70
Sample ID: F0981-10B,31386 Date Collected: 8/8/2007 9:19:12 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0981-10B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	97741.6	24.928	mg/L	0.0357	24.928	mg/L	0.0357	0.14%
Na 589.592	8651.8	0.8137	mg/L	0.00483	0.8137	mg/L	0.00483	0.59%

==========

Sequence No.: 18 Autosampler Location: 71
Sample ID: F0981-11B,31386 Date Collected: 8/8/2007 9:21:32 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0981-11B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	48097.5	12.267	mg/L	0.0588	12.267	mg/L	0.0588	0.48%
Na 589.592	5711.6	0.5372	mg/L	0.00861	0.5372	mg/L	0.00861	1.60%

==========

Sequence No.: 19 Autosampler Location: 3
Sample ID: CCV Date Collected: 8/8/2007 9:23:52 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: 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	97082.7	24.760	mg/L	0.0596	24.760	mg/L	0.0596	0.24%
Na 589.592	265737.8	24.992	mg/L	0.0774	24.992	mg/L	0.0774	0.31%

Sequence No.: 20
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 8/8/2007 9:26:12 AM
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	10.8	0.0027	mg/L	0.01293	0.0027	mg/L	0.01293	471.31%
Na 589.592	-1400.6	-0.1317	mg/L	0.01178	-0.1317	mg/L	0.01178	8.95%

Sequence No.: 21
Sample ID: F0981-11BDUP,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 72
Date Collected: 8/8/2007 9:28:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BDUP,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	45929.9	11.714	mg/L	0.0703	11.714	mg/L	0.0703	0.60%
Na 589.592	5760.6	0.5418	mg/L	0.00359	0.5418	mg/L	0.00359	0.66%

Sequence No.: 22
Sample ID: F0981-11BSD,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 73
Date Collected: 8/8/2007 9:30:53 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BSD,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	10672.6	2.7219	mg/L	0.00689	2.7219	mg/L	0.00689	0.25%
Na 589.592	39.3	0.0037	mg/L	0.00666	0.0037	mg/L	0.00666	180.08%

Sequence No.: 23
Sample ID: MB-31385,31385
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 74
Date Collected: 8/8/2007 9:33:14 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
K 766.490	-66.4	-0.0169	mg/L	0.00851	-0.0169	mg/L	0.00851	50.23%
Na 589.592	-1739.7	-0.1636	mg/L	0.00129	-0.1636	mg/L	0.00129	0.79%

Sequence No.: 24
Sample ID: LCS-31385,31385
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 75
Date Collected: 8/8/2007 9:35:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	102257.4	26.080	mg/L	0.2778	26.080	mg/L	0.2778	1.07%
Na 589.592	276393.3	25.995	mg/L	0.2405	25.995	mg/L	0.2405	0.93%

Sequence No.: 25
Sample ID: F0981-01B,31385
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 76
Date Collected: 8/8/2007 9:37:54 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-01B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	278761.3	71.095	mg/L	0.0085	71.095	mg/L	0.0085	0.01%
Na 589.592	353787.2	33.273	mg/L	0.0084	33.273	mg/L	0.0084	0.03%

Sequence No.: 26
Sample ID: F0981-06B,31385
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 77
Date Collected: 8/8/2007 9:40:15 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	321909.9	82.100	mg/L	0.0462	82.100	mg/L	0.0462	0.06%
Na 589.592	1172341.0	110.26	mg/L	0.055	110.26	mg/L	0.055	0.05%

Sequence No.: 27
Sample ID: F0981-06BSD,31385
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 78
Date Collected: 8/8/2007 9:42:36 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
K 766.490	70683.6	18.027	mg/L	0.0055	18.027	mg/L	0.0055	0.03%
Na 589.592	266488.0	25.063	mg/L	0.0198	25.063	mg/L	0.0198	0.08%

Sequence No.: 28
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 5
Date Collected: 8/8/2007 9:44:56 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
K 766.490	368.9	0.0941	mg/L	0.00727	0.0941	mg/L	0.00727	7.73%
Na 589.592	-213.9	-0.0201	mg/L	0.00466	-0.0201	mg/L	0.00466	23.17%

Sequence No.: 29
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 6
Date Collected: 8/8/2007 9:47:17 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
K 766.490	423.3	0.1079	mg/L	0.00020	0.1079	mg/L	0.00020	0.19%
Na 589.592	-972.4	-0.0915	mg/L	0.01157	-0.0915	mg/L	0.01157	12.65%

Sequence No.: 30
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/8/2007 9:49:37 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
K 766.490	97963.0	24.984	mg/L	0.1124	24.984	mg/L	0.1124	0.45%
Na 589.592	267245.3	25.134	mg/L	0.0954	25.134	mg/L	0.0954	0.38%

Sequence No.: 31
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/8/2007 9:51:57 AM
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	124.2	0.0317	mg/L	0.02966	0.0317	mg/L	0.02966	93.65%
Na 589.592	-1551.0	-0.1459	mg/L	0.00382	-0.1459	mg/L	0.00382	2.62%

Analysis Begun

Start Time: 8/8/2007 6:11:15 PM
Plasma On Time: 8/8/2007 5:45:46 PM
Logged In Analyst: optima3
Technique: ICP Continuous
Spectrometer Model: Optima 4300 DV, S/N 077N3102302Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0808B.sif
Batch ID:
Results Data Set: B07080804
Results Library: C:\pe\Administrator\Results\Results.mdb

Method Loaded
Method Name: CLP
Method Last Saved: 8/8/2007 6:18:12 AM
IEC File: B070712X.iec
MSF File:
Method Description: working method for all elements

Sequence No.: 1
Autosampler Location: 1
Sample ID: S0
Date Collected: 8/8/2007 6:11:15 PM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Mean Data: S0

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	5291.5	9.42	0.18%	[0.00]	mg/L
Cr 267.716	-16.7	5.55	33.18%	[0.00]	mg/L
Cu 324.752	554.1	1.03	0.19%	[0.00]	mg/L
Fe 273.955	-103.6	17.17	16.57%	[0.00]	mg/L
Mg 279.077	-289.5	33.72	11.65%	[0.00]	mg/L
Mn 257.610	84.5	2.82	3.34%	[0.00]	mg/L
Ni 231.604	-15.8	4.43	27.99%	[0.00]	mg/L
Se 196.026	2.5	2.12	83.25%	[0.00]	mg/L
Tl 190.801	-1.9	1.74	91.67%	[0.00]	mg/L
V 292.402	-28.9	7.56	26.14%	[0.00]	mg/L
Zn 206.200	21.7	1.32	6.09%	[0.00]	mg/L
Ti 334.940	-32.1	3.91	12.19%	[0.00]	mg/L
Ca 227.546	40.6	0.02	0.06%	[0.00]	mg/L

Sequence No.: 2
Autosampler Location: 9
Sample ID: S1
Date Collected: 8/8/2007 6:14:55 PM
Analyst:
Data Type: Original
Initial Sample Wt:
Initial Sample Vol:
Dilution:
Sample Prep Vol:

Mean Data: S1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Al 308.215	690682.7	2721.82	0.39%	[20]	mg/L
Cr 267.716	107208.4	966.91	0.90%	[2]	mg/L
Cu 324.752	692190.4	1119.20	0.16%	[2.5]	mg/L
Fe 273.955	361335.4	1653.46	0.46%	[10]	mg/L
Mg 279.077	1234268.7	1377.84	0.11%	[50]	mg/L
Mn 257.610	3239555.6	5996.00	0.19%	[5]	mg/L
Ni 231.604	114797.5	758.99	0.66%	[5]	mg/L
Se 196.026	693.4	5.70	0.82%	[1]	mg/L
Tl 190.801	1354.2	2.88	0.21%	[1]	mg/L
V 292.402	532819.7	1851.80	0.35%	[5]	mg/L
Zn 206.200	121712.8	649.21	0.53%	[5]	mg/L
Ti 334.940	914577.7	2179.02	0.24%	[1]	mg/L
Ca 227.546	12938.2	7.71	0.06%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope
Al 308.215	1	Lin Thru 0	0.0	34530	0.00000	1.000000	
Cr 267.716	1	Lin Thru 0	0.0	53600	0.00000	1.000000	
Cu 324.752	1	Lin Thru 0	0.0	276900	0.00000	1.000000	
Fe 273.955	1	Lin Thru 0	0.0	36130	0.00000	1.000000	
Mg 279.077	1	Lin Thru 0	0.0	24690	0.00000	1.000000	
Mn 257.610	1	Lin Thru 0	0.0	647900	0.00000	1.000000	
Ni 231.604	1	Lin Thru 0	0.0	22960	0.00000	1.000000	
Se 196.026	1	Lin Thru 0	0.0	693.4	0.00000	1.000000	
Tl 190.801	1	Lin Thru 0	0.0	1354	0.00000	1.000000	
V 292.402	1	Lin Thru 0	0.0	106600	0.00000	1.000000	
Zn 206.200	1	Lin Thru 0	0.0	24340	0.00000	1.000000	
Ti 334.940	1	Lin Thru 0	0.0	914600	0.00000	1.000000	
Ca 227.546	1	Lin Thru 0	0.0	258.8	0.00000	1.000000	

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 8/8/2007 6:18:08 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
Al 308.215	537455.9	15.532	mg/L	0.0384	15.532	mg/L	0.0384	0.25%
Cr 267.716	83166.2	1.5504	mg/L	0.00861	1.5504	mg/L	0.00861	0.56%
Cu 324.752	540482.8	1.9533	mg/L	0.00089	1.9533	mg/L	0.00089	0.05%
Fe 273.955	284262.9	8.1406	mg/L	0.04243	8.1406	mg/L	0.04243	0.52%
Mg 279.077	972165.8	39.429	mg/L	0.0223	39.429	mg/L	0.0223	0.06%
Mn 257.610	2559014.9	3.9498	mg/L	0.00338	3.9498	mg/L	0.00338	0.09%
Ni 231.604	89072.3	3.8802	mg/L	0.01762	3.8802	mg/L	0.01762	0.45%
Se 196.026	535.2	0.7716	mg/L	0.00610	0.7716	mg/L	0.00610	0.79%
Tl 190.801	1048.7	0.7783	mg/L	0.00574	0.7783	mg/L	0.00574	0.74%
V 292.402	420398.1	3.9480	mg/L	0.00809	3.9480	mg/L	0.00809	0.20%
Zn 206.200	96094.0	3.9558	mg/L	0.01649	3.9558	mg/L	0.01649	0.42%
Ti 334.940	981.4	0.0014	mg/L	0.00008	0.0014	mg/L	0.00008	5.67%
Ca 227.546	10119.1	38.681	mg/L	0.0346	38.681	mg/L	0.0346	0.09%

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/8/2007 6:21:19 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
Al 308.215	148.0	0.0043	mg/L	0.00228	0.0043	mg/L	0.00228	53.25%
Cr 267.716	2.1	0.0000	mg/L	0.00008	0.0000	mg/L	0.00008	220.93%
Cu 324.752	87.5	0.0003	mg/L	0.00004	0.0003	mg/L	0.00004	12.19%
Fe 273.955	46.4	0.0015	mg/L	0.00070	0.0015	mg/L	0.00070	47.57%
Mg 279.077	112.2	0.0045	mg/L	0.00185	0.0045	mg/L	0.00185	40.66%
Mn 257.610	217.3	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	30.85%
Ni 231.604	7.4	0.0003	mg/L	0.00028	0.0003	mg/L	0.00028	86.95%
Se 196.026	-1.8	-0.0026	mg/L	0.00055	-0.0026	mg/L	0.00055	20.99%
Tl 190.801	0.8	0.0006	mg/L	0.00007	0.0006	mg/L	0.00007	12.96%
V 292.402	48.0	0.0005	mg/L	0.00020	0.0005	mg/L	0.00020	43.65%
Zn 206.200	19.5	0.0008	mg/L	0.00017	0.0008	mg/L	0.00017	20.67%
Ti 334.940	32.9	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	27.59%
Ca 227.546	10.8	0.0418	mg/L	0.00174	0.0418	mg/L	0.00174	4.16%

Sequence No.: 5
Sample ID: CRI
Analyst:
Initial Sample Wt:

Autosampler Location: 7
Date Collected: 8/8/2007 6:25:01 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: CRI

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	7280.0	0.2104	mg/L	0.00407	0.2104	mg/L	0.00407	1.93%
Cr 267.716	565.5	0.0106	mg/L	0.00002	0.0106	mg/L	0.00002	0.19%
Cu 324.752	7297.2	0.0265	mg/L	0.00009	0.0265	mg/L	0.00009	0.33%
Fe 273.955	4059.2	0.1390	mg/L	0.00077	0.1390	mg/L	0.00077	0.55%
Mg 279.077	134356.4	5.4430	mg/L	0.03284	5.4430	mg/L	0.03284	0.60%
Mn 257.610	11043.1	0.0170	mg/L	0.00016	0.0170	mg/L	0.00016	0.92%
Ni 231.604	1018.0	0.0444	mg/L	0.00027	0.0444	mg/L	0.00027	0.62%
Se 196.026	27.9	0.0400	mg/L	0.00053	0.0400	mg/L	0.00053	1.33%
Tl 190.801	36.1	0.0267	mg/L	0.00114	0.0267	mg/L	0.00114	4.28%
V 292.402	5758.4	0.0541	mg/L	0.00025	0.0541	mg/L	0.00025	0.46%
Zn 206.200	1703.4	0.0701	mg/L	0.00034	0.0701	mg/L	0.00034	0.49%
Ti 334.940	-71.8	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	289.40%
Ca 227.546	1303.8	5.0324	mg/L	0.06315	5.0324	mg/L	0.06315	1.25%

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Sequence No.: 6 Autosampler Location: 5
Sample ID: ICSA Date Collected: 8/8/2007 6:28:05 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: ICSA

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	15968390.4	462.39	mg/L	3.205	462.39	mg/L	3.205	0.69%
Cr 267.716	-126.2	-0.0077	mg/L	0.00006	-0.0077	mg/L	0.00006	0.81%
Cu 324.752	-5505.8	-0.0065	mg/L	0.00002	-0.0065	mg/L	0.00002	0.25%
Fe 273.955	6019098.2	171.35	mg/L	1.135	171.35	mg/L	1.135	0.66%
Mg 279.077	10997172.8	445.42	mg/L	2.933	445.42	mg/L	2.933	0.66%
Mn 257.610	1003.0	0.0015	mg/L	0.00003	0.0015	mg/L	0.00003	1.84%
Saturated outside survey window (code 6)								
Ni 231.604	47.7	0.0248	mg/L	0.00007	0.0248	mg/L	0.00007	0.26%
Se 196.026	-19.0	0.0100	mg/L	0.00686	0.0100	mg/L	0.00686	68.31%
Tl 190.801	-14.5	0.0072	mg/L	0.00200	0.0072	mg/L	0.00200	27.76%
V 292.402	-310.2	-0.0001	mg/L	0.00004	-0.0001	mg/L	0.00004	48.39%
Zn 206.200	282.4	0.0063	mg/L	0.00015	0.0063	mg/L	0.00015	2.44%
Ti 334.940	-4841.7	0.0007	mg/L	0.00004	0.0007	mg/L	0.00004	5.34%
Ca 227.546	129934.9	498.53	mg/L	3.404	498.53	mg/L	3.404	0.68%

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Sequence No.: 7 Autosampler Location: 6
Sample ID: ICSAB Date Collected: 8/8/2007 6:31:20 PM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: ICSAB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	16561545.1	479.57	mg/L	2.449	479.57	mg/L	2.449	0.51%
Cr 267.716	24830.3	0.4575	mg/L	0.00093	0.4575	mg/L	0.00093	0.20%
Cu 324.752	134543.5	0.5000	mg/L	0.00242	0.5000	mg/L	0.00242	0.48%
Fe 273.955	6254961.4	178.07	mg/L	1.092	178.07	mg/L	1.092	0.61%
Mg 279.077	11419461.2	462.53	mg/L	2.952	462.53	mg/L	2.952	0.64%
Mn 257.610	309918.5	0.4784	mg/L	0.00183	0.4784	mg/L	0.00183	0.38%
Ni 231.604	19604.9	0.8775	mg/L	0.00392	0.8775	mg/L	0.00392	0.45%
Se 196.026	11.1	0.0547	mg/L	0.00197	0.0547	mg/L	0.00197	3.61%
Tl 190.801	102.8	0.0948	mg/L	0.00091	0.0948	mg/L	0.00091	0.96%
V 292.402	50711.3	0.4796	mg/L	0.00063	0.4796	mg/L	0.00063	0.13%
Zn 206.200	21734.2	0.8897	mg/L	0.00162	0.8897	mg/L	0.00162	0.18%
Ti 334.940	-5011.4	0.0007	mg/L	0.00004	0.0007	mg/L	0.00004	5.36%
Ca 227.546	136133.7	522.29	mg/L	1.905	522.29	mg/L	1.905	0.36%

Sequence No.: 8
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 8/8/2007 6:34:31 PM
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.	RSD
Al 308.215	339735.7	9.8181	mg/L	0.17120	9.8181	mg/L	0.17120	1.74%
Cr 267.716	53666.9	1.0004	mg/L	0.01082	1.0004	mg/L	0.01082	1.08%
Cu 324.752	344577.8	1.2453	mg/L	0.00462	1.2453	mg/L	0.00462	0.37%
Fe 273.955	185827.6	5.3173	mg/L	0.09648	5.3173	mg/L	0.09648	1.81%
Mg 279.077	626339.0	25.403	mg/L	0.1010	25.403	mg/L	0.1010	0.40%
Mn 257.610	1649985.9	2.5467	mg/L	0.01183	2.5467	mg/L	0.01183	0.46%
Ni 231.604	57828.4	2.5191	mg/L	0.02657	2.5191	mg/L	0.02657	1.05%
Se 196.026	349.8	0.5044	mg/L	0.00148	0.5044	mg/L	0.00148	0.29%
Tl 190.801	692.2	0.5137	mg/L	0.00353	0.5137	mg/L	0.00353	0.69%
V 292.402	267544.5	2.5126	mg/L	0.02246	2.5126	mg/L	0.02246	0.89%
Zn 206.200	62543.9	2.5746	mg/L	0.03890	2.5746	mg/L	0.03890	1.51%
Ti 334.940	449.4	0.0007	mg/L	0.00002	0.0007	mg/L	0.00002	2.78%
Ca 227.546	6464.3	24.707	mg/L	0.1892	24.707	mg/L	0.1892	0.77%

Sequence No.: 9
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 4
Date Collected: 8/8/2007 6:37:42 PM
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.	RSD
Al 308.215	505.9	0.0146	mg/L	0.00320	0.0146	mg/L	0.00320	21.82%
Cr 267.716	-1.7	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	209.03%
Cu 324.752	57.0	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	33.83%
Fe 273.955	262.4	0.0076	mg/L	0.00112	0.0076	mg/L	0.00112	14.71%
Mg 279.077	501.0	0.0203	mg/L	0.00446	0.0203	mg/L	0.00446	21.99%
Mn 257.610	95.3	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	36.74%
Ni 231.604	4.9	0.0002	mg/L	0.00019	0.0002	mg/L	0.00019	86.33%
Se 196.026	0.8	0.0011	mg/L	0.00107	0.0011	mg/L	0.00107	96.57%
Tl 190.801	0.7	0.0005	mg/L	0.00025	0.0005	mg/L	0.00025	45.79%
V 292.402	21.4	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	4.95%
Zn 206.200	3.6	0.0001	mg/L	0.00014	0.0001	mg/L	0.00014	90.66%
Ti 334.940	11.4	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	142.51%
Ca 227.546	17.1	0.0661	mg/L	0.03703	0.0661	mg/L	0.03703	56.03%

Sequence No.: 10
Sample ID: MB-31386,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 62
Date Collected: 8/8/2007 6:41:23 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Calib Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Al 308.215	889.2	0.0257	mg/L	0.00043	0.0257	mg/L	0.00043	1.65%
Cr 267.716	60.3	0.0011	mg/L	0.00011	0.0011	mg/L	0.00011	9.53%
Cu 324.752	6807.2	0.0246	mg/L	0.00004	0.0246	mg/L	0.00004	0.15%
Fe 273.955	1831.0	0.0516	mg/L	0.00073	0.0516	mg/L	0.00073	1.42%
Mg 279.077	537.2	0.0218	mg/L	0.00018	0.0218	mg/L	0.00018	0.83%
Mn 257.610	1827.8	0.0028	mg/L	0.00005	0.0028	mg/L	0.00005	1.70%
Ni 231.604	21.6	0.0009	mg/L	0.00017	0.0009	mg/L	0.00017	18.28%
Se 196.026	-1.8	-0.0026	mg/L	0.00394	-0.0026	mg/L	0.00394	153.72%
Tl 190.801	-1.8	-0.0013	mg/L	0.00033	-0.0013	mg/L	0.00033	24.66%
V 292.402	-33.1	-0.0003	mg/L	0.00018	-0.0003	mg/L	0.00018	59.39%

Zn 206.200	623.3	0.0256 mg/L	0.00001	0.0256 mg/L	0.00001	0.04%
Ti 334.940	324.2	0.0004 mg/L	0.00005	0.0004 mg/L	0.00005	15.18%
Ca 227.546	52.8	0.2026 mg/L	0.00129	0.2026 mg/L	0.00129	0.63%

Sequence No.: 11
Sample ID: LCS-31386,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 63
Date Collected: 8/8/2007 6:44:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31386,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	2472057.0	71.575	mg/L	0.1200	71.575	mg/L	0.1200	0.17%
Cr 267.716	68769.7	1.2809	mg/L	0.00601	1.2809	mg/L	0.00601	0.47%
Cu 324.752	274775.6	0.9924	mg/L	0.00128	0.9924	mg/L	0.00128	0.13%
Fe 273.955	4398161.6	122.26	mg/L	0.381	122.26	mg/L	0.381	0.31%
Mg 279.077	598712.2	24.239	mg/L	0.0746	24.239	mg/L	0.0746	0.31%
Mn 257.610	2167374.7	3.3453	mg/L	0.00812	3.3453	mg/L	0.00812	0.24%
Ni 231.604	49782.1	2.1683	mg/L	0.00430	2.1683	mg/L	0.00430	0.20%
Se 196.026	673.3	1.0137	mg/L	0.00426	1.0137	mg/L	0.00426	0.42%
Tl 190.801	1794.2	1.3551	mg/L	0.00182	1.3551	mg/L	0.00182	0.13%
V 292.402	151637.6	1.4271	mg/L	0.00392	1.4271	mg/L	0.00392	0.27%
Zn 206.200	36932.7	1.5228	mg/L	0.00139	1.5228	mg/L	0.00139	0.09%
Ti 334.940	2744127.5	3.0007	mg/L	0.00412	3.0007	mg/L	0.00412	0.14%
Ca 227.546	10068.3	36.188	mg/L	0.1243	36.188	mg/L	0.1243	0.34%

Sequence No.: 12
Sample ID: F0981-03B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 64
Date Collected: 8/8/2007 6:47:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-03B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	7636574.8	221.13	mg/L	1.867	221.13	mg/L	1.867	0.84%
Cr 267.716	17890.7	0.3302	mg/L	0.00027	0.3302	mg/L	0.00027	0.08%
Cu 324.752	114515.1	0.4122	mg/L	0.00257	0.4122	mg/L	0.00257	0.62%
Fe 273.955	12565032.2	349.24	mg/L	2.801	349.24	mg/L	2.801	0.80%
Mg 279.077	3029190.2	122.61	mg/L	0.885	122.61	mg/L	0.885	0.72%
Mn 257.610	3036589.7	4.6868	mg/L	0.03605	4.6868	mg/L	0.03605	0.77%
Ni 231.604	13159.5	0.5779	mg/L	0.00213	0.5779	mg/L	0.00213	0.37%
Se 196.026	-46.7	0.0586	mg/L	0.00345	0.0586	mg/L	0.00345	5.89%
Tl 190.801	-19.6	0.0705	mg/L	0.00265	0.0705	mg/L	0.00265	3.75%
V 292.402	30147.4	0.2894	mg/L	0.00038	0.2894	mg/L	0.00038	0.13%
Zn 206.200	32240.5	1.3234	mg/L	0.01119	1.3234	mg/L	0.01119	0.85%
Ti 334.940	2551137.9	2.7902	mg/L	0.01690	2.7902	mg/L	0.01690	0.61%
Ca 227.546	17743.8	61.122	mg/L	0.1419	61.122	mg/L	0.1419	0.23%

Sequence No.: 13
Sample ID: F0981-04B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 65
Date Collected: 8/8/2007 6:50:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-04B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5146001.5	149.01	mg/L	0.156	149.01	mg/L	0.156	0.10%
Cr 267.716	12924.7	0.2364	mg/L	0.00148	0.2364	mg/L	0.00148	0.63%
Cu 324.752	161760.7	0.5860	mg/L	0.00120	0.5860	mg/L	0.00120	0.20%
Fe 273.955	11975452.4	332.97	mg/L	1.839	332.97	mg/L	1.839	0.55%
Mg 279.077	3176299.5	128.61	mg/L	0.310	128.61	mg/L	0.310	0.24%
Mn 257.610	4643536.8	7.1670	mg/L	0.04217	7.1670	mg/L	0.04217	0.59%

Ni 231.604	6882.6	0.3061 mg/L	0.00227	0.3061 mg/L	0.00227	0.74%
Se 196.026	-38.6	0.0527 mg/L	0.00298	0.0527 mg/L	0.00298	5.67%
Tl 190.801	-20.4	0.0746 mg/L	0.00280	0.0746 mg/L	0.00280	3.76%
V 292.402	31966.5	0.3063 mg/L	0.00124	0.3063 mg/L	0.00124	0.40%
Zn 206.200	41167.8	1.6911 mg/L	0.00730	1.6911 mg/L	0.00730	0.43%
Ti 334.940	1368934.0	1.4988 mg/L	0.00376	1.4988 mg/L	0.00376	0.25%
Ca 227.546	43392.4	160.61 mg/L	0.200	160.61 mg/L	0.200	0.12%

Sequence No.: 14
Sample ID: F0981-05B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 66
Date Collected: 8/8/2007 6:54:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-05B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	4856544.5	140.63	mg/L	0.409	140.63	mg/L	0.409	0.29%
Cr 267.716	12132.9	0.2182	mg/L	0.00014	0.2182	mg/L	0.00014	0.06%
Cu 324.752	150000.6	0.5393	mg/L	0.00021	0.5393	mg/L	0.00021	0.04%
Fe 273.955	12806014.2	355.32	mg/L	1.399	355.32	mg/L	1.399	0.39%
Mg 279.077	1542576.1	62.462	mg/L	0.2445	62.462	mg/L	0.2445	0.39%
Mn 257.610	7370991.9	11.377	mg/L	0.0445	11.377	mg/L	0.0445	0.39%
Ni 231.604	6866.9	0.3025	mg/L	0.00010	0.3025	mg/L	0.00010	0.03%
Se 196.026	-48.0	0.0534	mg/L	0.00244	0.0534	mg/L	0.00244	4.57%
Tl 190.801	-16.7	0.0883	mg/L	0.00042	0.0883	mg/L	0.00042	0.47%
V 292.402	28911.8	0.2784	mg/L	0.00261	0.2784	mg/L	0.00261	0.94%
Zn 206.200	36101.4	1.4830	mg/L	0.01161	1.4830	mg/L	0.01161	0.78%
Ti 334.940	953245.1	1.0427	mg/L	0.00444	1.0427	mg/L	0.00444	0.43%
Ca 227.546	9639.5	29.702	mg/L	0.1390	29.702	mg/L	0.1390	0.47%

Sequence No.: 15
Sample ID: F0981-07B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 67
Date Collected: 8/8/2007 6:57:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-07B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	3077087.7	89.101	mg/L	0.0999	89.101	mg/L	0.0999	0.11%
Cr 267.716	9000.6	0.1655	mg/L	0.00112	0.1655	mg/L	0.00112	0.67%
Cu 324.752	311980.4	1.1282	mg/L	0.00010	1.1282	mg/L	0.00010	0.01%
Fe 273.955	7602895.2	211.37	mg/L	0.227	211.37	mg/L	0.227	0.11%
Mg 279.077	976839.0	39.523	mg/L	0.0371	39.523	mg/L	0.0371	0.09%
Mn 257.610	2602717.4	4.0171	mg/L	0.00518	4.0171	mg/L	0.00518	0.13%
Ni 231.604	6881.5	0.3036	mg/L	0.00187	0.3036	mg/L	0.00187	0.62%
Se 196.026	-19.8	0.0398	mg/L	0.00330	0.0398	mg/L	0.00330	8.29%
Tl 190.801	-17.2	0.0432	mg/L	0.00093	0.0432	mg/L	0.00093	2.16%
V 292.402	27105.5	0.2582	mg/L	0.00118	0.2582	mg/L	0.00118	0.46%
Zn 206.200	232365.7	9.5452	mg/L	0.07516	9.5452	mg/L	0.07516	0.79%
Ti 334.940	1258580.1	1.3775	mg/L	0.00183	1.3775	mg/L	0.00183	0.13%
Ca 227.546	30587.1	113.70	mg/L	0.480	113.70	mg/L	0.480	0.42%

Sequence No.: 16
Sample ID: F0981-08B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 68
Date Collected: 8/8/2007 7:00:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-08B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5657203.3	163.81	mg/L	0.514	163.81	mg/L	0.514	0.31%
Cr 267.716	15717.1	0.2923	mg/L	0.00065	0.2923	mg/L	0.00065	0.22%

Cu 324.752	93130.0	0.3341 mg/L	0.00502	0.3341 mg/L	0.00502	1.50%
Fe 273.955	10119933.0	281.05 mg/L	0.552	281.05 mg/L	0.552	0.20%
Mg 279.077	2146332.2	86.843 mg/L	1.2323	86.843 mg/L	1.2323	1.42%
Mn 257.610	1221189.0	1.8848 mg/L	0.02770	1.8848 mg/L	0.02770	1.47%
Ni 231.604	9278.0	0.4070 mg/L	0.00105	0.4070 mg/L	0.00105	0.26%
Se 196.026	-43.7	0.0423 mg/L	0.00461	0.0423 mg/L	0.00461	10.91%
Tl 190.801	-24.5	0.0492 mg/L	0.00109	0.0492 mg/L	0.00109	2.22%
V 292.402	20555.4	0.1981 mg/L	0.00173	0.1981 mg/L	0.00173	0.87%
Zn 206.200	39389.2	1.6175 mg/L	0.02548	1.6175 mg/L	0.02548	1.58%
Ti 334.940	1631802.2	1.7844 mg/L	0.02279	1.7844 mg/L	0.02279	1.28%
Ca 227.546	4666.0	12.030 mg/L	0.0305	12.030 mg/L	0.0305	0.25%

Sequence No.: 17 **Autosampler Location: 69**
Sample ID: F0981-09B,31386 **Date Collected: 8/8/2007 7:03:53 PM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: F0981-09B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	3885890.9	112.52	mg/L	0.218	112.52	mg/L	0.218	0.19%
Cr 267.716	10484.0	0.1927	mg/L	0.00128	0.1927	mg/L	0.00128	0.67%
Cu 324.752	93171.3	0.3350	mg/L	0.00153	0.3350	mg/L	0.00153	0.46%
Fe 273.955	8409933.6	233.49	mg/L	0.037	233.49	mg/L	0.037	0.02%
Mg 279.077	1943198.8	78.665	mg/L	0.0685	78.665	mg/L	0.0685	0.09%
Mn 257.610	2878086.0	4.4421	mg/L	0.00593	4.4421	mg/L	0.00593	0.13%
Ni 231.604	6493.7	0.2852	mg/L	0.00359	0.2852	mg/L	0.00359	1.26%
Se 196.026	-34.3	0.0341	mg/L	0.00492	0.0341	mg/L	0.00492	14.42%
Tl 190.801	-22.9	0.0444	mg/L	0.00154	0.0444	mg/L	0.00154	3.48%
V 292.402	23067.6	0.2209	mg/L	0.00141	0.2209	mg/L	0.00141	0.64%
Zn 206.200	21805.1	0.8957	mg/L	0.00338	0.8957	mg/L	0.00338	0.38%
Ti 334.940	946997.7	1.0357	mg/L	0.00337	1.0357	mg/L	0.00337	0.33%
Ca 227.546	6876.1	21.595	mg/L	0.0375	21.595	mg/L	0.0375	0.17%

User canceled analysis.

Analysis Begun

Start Time: 8/8/2007 7:07:09 PM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302Autosampler Model: AS-93plus
Plasma On Time: 8/8/2007 5:45:46 PM
Technique: ICP Continuous

Sample Information File: C:\pe\Administrator\Sample Information\0808B.sif
Batch ID:
Results Data Set: B07080804
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1
Sample ID: F0981-10B,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 70
Date Collected: 8/8/2007 7:07:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-10B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	7646862.9	221.43	mg/L	0.277	221.43	mg/L	0.277	0.13%
Cr 267.716	23612.8	0.4391	mg/L	0.00103	0.4391	mg/L	0.00103	0.23%
Cu 324.752	114653.6	0.4113	mg/L	0.00291	0.4113	mg/L	0.00291	0.71%
Fe 273.955	14313761.1	397.50	mg/L	0.246	397.50	mg/L	0.246	0.06%
Mg 279.077	2800136.6	113.29	mg/L	0.427	113.29	mg/L	0.427	0.38%
Mn 257.610	2011000.8	3.1039	mg/L	0.01408	3.1039	mg/L	0.01408	0.45%
Ni 231.604	11506.4	0.5052	mg/L	0.00180	0.5052	mg/L	0.00180	0.36%
Se 196.026	-63.5	0.0558	mg/L	0.00451	0.0558	mg/L	0.00451	8.08%
Tl 190.801	-33.5	0.0715	mg/L	0.00057	0.0715	mg/L	0.00057	0.80%
V 292.402	33640.1	0.3231	mg/L	0.00059	0.3231	mg/L	0.00059	0.18%
Zn 206.200	23059.7	0.9466	mg/L	0.00145	0.9466	mg/L	0.00145	0.15%
Ti 334.940	2482297.6	2.7145	mg/L	0.00347	2.7145	mg/L	0.00347	0.13%
Ca 227.546	9531.4	28.350	mg/L	0.1090	28.350	mg/L	0.1090	0.38%

Sequence No.: 2
Sample ID: ACID BLK
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 62
Date Collected: 8/8/2007 7:10:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACID BLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1474.7	0.0427	mg/L	0.00464	0.0427	mg/L	0.00464	10.86%
Cr 267.716	49.3	0.0009	mg/L	0.00011	0.0009	mg/L	0.00011	12.46%
Cu 324.752	6100.9	0.0220	mg/L	0.00068	0.0220	mg/L	0.00068	3.07%
Fe 273.955	3942.2	0.1100	mg/L	0.01271	0.1100	mg/L	0.01271	11.55%
Mg 279.077	838.6	0.0340	mg/L	0.00299	0.0340	mg/L	0.00299	8.80%
Mn 257.610	2078.4	0.0032	mg/L	0.00004	0.0032	mg/L	0.00004	1.26%
Ni 231.604	21.6	0.0009	mg/L	0.00010	0.0009	mg/L	0.00010	10.77%
Se 196.026	-0.4	-0.0005	mg/L	0.00216	-0.0005	mg/L	0.00216	418.88%
Tl 190.801	-1.5	-0.0010	mg/L	0.00018	-0.0010	mg/L	0.00018	17.60%
V 292.402	-8.4	-0.0001	mg/L	0.00035	-0.0001	mg/L	0.00035	446.15%
Zn 206.200	619.2	0.0254	mg/L	0.00032	0.0254	mg/L	0.00032	1.24%
Ti 334.940	1005.8	0.0011	mg/L	0.00024	0.0011	mg/L	0.00024	21.68%
Ca 227.546	44.0	0.1674	mg/L	0.02521	0.1674	mg/L	0.02521	15.06%

Sequence No.: 3
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 3
Date Collected: 8/8/2007 7:13:29 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
Al 308.215	340405.4	9.8376	mg/L	0.04388	9.8376	mg/L	0.04388	0.45%
Cr 267.716	53194.8	0.9916	mg/L	0.00021	0.9916	mg/L	0.00021	0.02%
Cu 324.752	348148.0	1.2582	mg/L	0.01009	1.2582	mg/L	0.01009	0.80%
Fe 273.955	186682.6	5.3417	mg/L	0.01994	5.3417	mg/L	0.01994	0.37%
Mg 279.077	628328.0	25.484	mg/L	0.1756	25.484	mg/L	0.1756	0.69%
Mn 257.610	1654241.2	2.5533	mg/L	0.01942	2.5533	mg/L	0.01942	0.76%
Ni 231.604	57478.8	2.5039	mg/L	0.00111	2.5039	mg/L	0.00111	0.04%
Se 196.026	347.3	0.5007	mg/L	0.00186	0.5007	mg/L	0.00186	0.37%
Tl 190.801	691.4	0.5131	mg/L	0.00270	0.5131	mg/L	0.00270	0.53%
V 292.402	265687.1	2.4951	mg/L	0.03172	2.4951	mg/L	0.03172	1.27%
Zn 206.200	62973.1	2.5922	mg/L	0.00265	2.5922	mg/L	0.00265	0.10%
Ti 334.940	621.6	0.0009	mg/L	0.00002	0.0009	mg/L	0.00002	2.40%
Ca 227.546	6498.3	24.839	mg/L	0.0282	24.839	mg/L	0.0282	0.11%

Sequence No.: 4
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/8/2007 7:16:40 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
Al 308.215	-35.6	-0.0010	mg/L	0.00184	-0.0010	mg/L	0.00184	177.97%
Cr 267.716	-7.9	-0.0001	mg/L	0.00011	-0.0001	mg/L	0.00011	72.28%
Cu 324.752	77.1	0.0003	mg/L	0.00000	0.0003	mg/L	0.00000	0.94%
Fe 273.955	216.0	0.0062	mg/L	0.00148	0.0062	mg/L	0.00148	23.80%
Mg 279.077	76.4	0.0031	mg/L	0.00085	0.0031	mg/L	0.00085	27.54%
Mn 257.610	98.6	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	4.65%
Ni 231.604	4.9	0.0002	mg/L	0.00001	0.0002	mg/L	0.00001	4.57%
Se 196.026	1.9	0.0027	mg/L	0.00408	0.0027	mg/L	0.00408	152.96%
Tl 190.801	-0.9	-0.0006	mg/L	0.00065	-0.0006	mg/L	0.00065	101.33%
V 292.402	16.8	0.0002	mg/L	0.00013	0.0002	mg/L	0.00013	84.28%
Zn 206.200	8.6	0.0004	mg/L	0.00003	0.0004	mg/L	0.00003	9.78%
Ti 334.940	27.1	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	11.23%
Ca 227.546	14.6	0.0563	mg/L	0.01265	0.0563	mg/L	0.01265	22.48%

Sequence No.: 5
Sample ID: F0981-11B,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 71
Date Collected: 8/8/2007 7:20:21 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11B,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5230253.4	151.45	mg/L	0.982	151.45	mg/L	0.982	0.65%
Cr 267.716	12512.9	0.2304	mg/L	0.00036	0.2304	mg/L	0.00036	0.16%
Cu 324.752	72299.8	0.2593	mg/L	0.00107	0.2593	mg/L	0.00107	0.41%
Fe 273.955	9776101.8	271.48	mg/L	1.571	271.48	mg/L	1.571	0.58%
Mg 279.077	1491540.8	60.351	mg/L	0.1654	60.351	mg/L	0.1654	0.27%
Mn 257.610	2858476.6	4.4119	mg/L	0.02877	4.4119	mg/L	0.02877	0.65%
Ni 231.604	6151.7	0.2710	mg/L	0.00151	0.2710	mg/L	0.00151	0.56%
Se 196.026	-39.1	0.0421	mg/L	0.00475	0.0421	mg/L	0.00475	11.28%
Tl 190.801	-22.0	0.0521	mg/L	0.00009	0.0521	mg/L	0.00009	0.18%
V 292.402	23084.8	0.2218	mg/L	0.00155	0.2218	mg/L	0.00155	0.70%
Zn 206.200	18641.5	0.7650	mg/L	0.00182	0.7650	mg/L	0.00182	0.24%
Ti 334.940	1392829.3	1.5232	mg/L	0.00836	1.5232	mg/L	0.00836	0.55%
Ca 227.546	7078.4	21.574	mg/L	0.2674	21.574	mg/L	0.2674	1.24%

Sequence No.: 6
Sample ID: F0981-11BDUP,31386
Analyst:

Autosampler Location: 72
Date Collected: 8/8/2007 7:23:36 PM
Data Type: Original

Initial Sample Wt:
Dilution:
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BDUP,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	5089656.3	147.38	mg/L	0.404	147.38	mg/L	0.404	0.27%
Cr 267.716	10729.5	0.1964	mg/L	0.00065	0.1964	mg/L	0.00065	0.33%
Cu 324.752	70980.2	0.2544	mg/L	0.00084	0.2544	mg/L	0.00084	0.33%
Fe 273.955	9474492.7	263.07	mg/L	0.722	263.07	mg/L	0.722	0.27%
Mg 279.077	1119311.8	45.284	mg/L	0.1776	45.284	mg/L	0.1776	0.39%
Mn 257.610	3286916.4	5.0731	mg/L	0.01517	5.0731	mg/L	0.01517	0.30%
Ni 231.604	5451.2	0.2403	mg/L	0.00023	0.2403	mg/L	0.00023	0.10%
Se 196.026	-37.1	0.0417	mg/L	0.00838	0.0417	mg/L	0.00838	20.07%
Tl 190.801	-21.1	0.0513	mg/L	0.00384	0.0513	mg/L	0.00384	7.49%
V 292.402	23617.0	0.2266	mg/L	0.00073	0.2266	mg/L	0.00073	0.32%
Zn 206.200	16920.3	0.6941	mg/L	0.00121	0.6941	mg/L	0.00121	0.17%
Ti 334.940	1392381.5	1.5227	mg/L	0.00329	1.5227	mg/L	0.00329	0.22%
Ca 227.546	5396.9	15.259	mg/L	0.0235	15.259	mg/L	0.0235	0.15%

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Sequence No.: 7
Sample ID: F0981-11BMS,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 73
Date Collected: 8/8/2007 7:26:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BMS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	5168693.8	149.66	mg/L	1.342	149.66	mg/L	1.342	0.90%
Cr 267.716	32442.8	0.6025	mg/L	0.00085	0.6025	mg/L	0.00085	0.14%
Cu 324.752	203166.3	0.7322	mg/L	0.00487	0.7322	mg/L	0.00487	0.67%
Fe 273.955	8426052.0	234.09	mg/L	1.743	234.09	mg/L	1.743	0.74%
Mg 279.077	1305333.8	52.825	mg/L	0.3541	52.825	mg/L	0.3541	0.67%
Mn 257.610	2800628.4	4.3226	mg/L	0.03609	4.3226	mg/L	0.03609	0.83%
Ni 231.604	28010.0	1.2230	mg/L	0.00721	1.2230	mg/L	0.00721	0.59%
Se 196.026	32.6	0.1327	mg/L	0.00513	0.1327	mg/L	0.00513	3.87%
Tl 190.801	121.8	0.1474	mg/L	0.00253	0.1474	mg/L	0.00253	1.71%
V 292.402	124779.6	1.1761	mg/L	0.00168	1.1761	mg/L	0.00168	0.14%
Zn 206.200	41205.3	1.6937	mg/L	0.00920	1.6937	mg/L	0.00920	0.54%
Ti 334.940	1167124.2	1.2764	mg/L	0.01263	1.2764	mg/L	0.01263	0.99%
Ca 227.546	6325.8	19.398	mg/L	0.1330	19.398	mg/L	0.1330	0.69%

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Sequence No.: 8
Sample ID: F0981-11BSD,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 74
Date Collected: 8/8/2007 7:30:11 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BSD,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	1168597.8	33.839	mg/L	0.3720	33.839	mg/L	0.3720	1.10%
Cr 267.716	2842.6	0.0524	mg/L	0.00044	0.0524	mg/L	0.00044	0.83%
Cu 324.752	17612.7	0.0631	mg/L	0.00073	0.0631	mg/L	0.00073	1.15%
Fe 273.955	2387713.3	66.288	mg/L	0.6344	66.288	mg/L	0.6344	0.96%
Mg 279.077	346722.4	14.028	mg/L	0.0643	14.028	mg/L	0.0643	0.46%
Mn 257.610	667696.6	1.0305	mg/L	0.01026	1.0305	mg/L	0.01026	1.00%
Ni 231.604	1495.9	0.0658	mg/L	0.00017	0.0658	mg/L	0.00017	0.27%
Se 196.026	-9.5	0.0103	mg/L	0.00409	0.0103	mg/L	0.00409	39.64%
Tl 190.801	-7.6	0.0112	mg/L	0.00025	0.0112	mg/L	0.00025	2.22%
V 292.402	5146.8	0.0495	mg/L	0.00038	0.0495	mg/L	0.00038	0.77%
Zn 206.200	4714.7	0.1935	mg/L	0.00076	0.1935	mg/L	0.00076	0.39%
Ti 334.940	314538.7	0.3440	mg/L	0.00489	0.3440	mg/L	0.00489	1.42%
Ca 227.546	1579.0	4.6903	mg/L	0.05211	4.6903	mg/L	0.05211	1.11%

Sequence No.: 9
Sample ID: F0981-11BPDS,31386
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 75
Date Collected: 8/8/2007 7:33:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BPDS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5197332.0	150.50	mg/L	2.079	150.50	mg/L	2.079	1.38%
Cr 267.716	12440.4	0.2290	mg/L	0.00059	0.2290	mg/L	0.00059	0.26%
Cu 324.752	72510.2	0.2600	mg/L	0.00380	0.2600	mg/L	0.00380	1.46%
Fe 273.955	9731522.7	270.24	mg/L	0.385	270.24	mg/L	0.385	0.14%
Mg 279.077	1490449.3	60.307	mg/L	0.7145	60.307	mg/L	0.7145	1.18%
Mn 257.610	2841192.9	4.3852	mg/L	0.00571	4.3852	mg/L	0.00571	0.13%
Ni 231.604	6106.7	0.2691	mg/L	0.00041	0.2691	mg/L	0.00041	0.15%
Se 196.026	28.2	0.1387	mg/L	0.00514	0.1387	mg/L	0.00514	3.70%
Tl 190.801	-23.0	0.0510	mg/L	0.00003	0.0510	mg/L	0.00003	0.05%
V 292.402	22997.5	0.2209	mg/L	0.00168	0.2209	mg/L	0.00168	0.76%
Zn 206.200	19240.7	0.7896	mg/L	0.00289	0.7896	mg/L	0.00289	0.37%
Ti 334.940	1387915.7	1.5178	mg/L	0.01855	1.5178	mg/L	0.01855	1.22%
Ca 227.546	7014.1	21.352	mg/L	0.0898	21.352	mg/L	0.0898	0.42%

13 8/9/07

Sequence No.: 10
Sample ID: ACID BLK
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 8/8/2007 7:36:36 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACID BLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	263.4	0.0076	mg/L	0.00491	0.0076	mg/L	0.00491	64.35%
Cr 267.716	-7.1	-0.0001	mg/L	0.00008	-0.0001	mg/L	0.00008	56.92%
Cu 324.752	116.6	0.0004	mg/L	0.00001	0.0004	mg/L	0.00001	2.84%
Fe 273.955	1022.7	0.0286	mg/L	0.00788	0.0286	mg/L	0.00788	27.59%
Mg 279.077	182.3	0.0074	mg/L	0.00231	0.0074	mg/L	0.00231	31.26%
Mn 257.610	241.1	0.0004	mg/L	0.00011	0.0004	mg/L	0.00011	29.93%
Ni 231.604	2.8	0.0001	mg/L	0.00018	0.0001	mg/L	0.00018	142.44%
Se 196.026	2.5	0.0036	mg/L	0.00459	0.0036	mg/L	0.00459	127.38%
Tl 190.801	-1.0	-0.0007	mg/L	0.00222	-0.0007	mg/L	0.00222	302.00%
V 292.402	-4.3	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	115.22%
Zn 206.200	16.4	0.0007	mg/L	0.00000	0.0007	mg/L	0.00000	0.37%
Ti 334.940	267.6	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008	26.49%
Ca 227.546	13.2	0.0505	mg/L	0.02465	0.0505	mg/L	0.02465	48.79%

User canceled analysis.

Analysis Begun

Start Time: 8/8/2007 7:41:46 PM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 8/8/2007 5:45:46 PM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0808B.sif
Batch ID:
Results Data Set: B07080804
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1
Sample ID: F0981-11BPDS,31386
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 76
Date Collected: 8/8/2007 7:41:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-11BPDS,31386

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	5111377.1	148.01	mg/L	0.548	148.01	mg/L	0.548	0.37%
Cr 267.716	12073.8	0.2222	mg/L	0.00065	0.2222	mg/L	0.00065	0.29%
Cu 324.752	70179.5	0.2516	mg/L	0.00478	0.2516	mg/L	0.00478	1.90%
Fe 273.955	9593539.1	266.41	mg/L	0.795	266.41	mg/L	0.795	0.30%
Mg 279.077	1453263.5	58.802	mg/L	0.9588	58.802	mg/L	0.9588	1.63%
Mn 257.610	2796716.6	4.3165	mg/L	0.01124	4.3165	mg/L	0.01124	0.26%
Ni 231.604	5928.1	0.2612	mg/L	0.00056	0.2612	mg/L	0.00056	0.22%
Se 196.026	-39.7	0.0394	mg/L	0.00552	0.0394	mg/L	0.00552	14.00%
Tl 190.801	-22.5	0.0505	mg/L	0.00115	0.0505	mg/L	0.00115	2.27%
V 292.402	22295.1	0.2143	mg/L	0.00212	0.2143	mg/L	0.00212	0.99%
Zn 206.200	56677.8	2.3275	mg/L	0.03143	2.3275	mg/L	0.03143	1.35%
Ti 334.940	1352055.1	1.4786	mg/L	0.02524	1.4786	mg/L	0.02524	1.71%
Ca 227.546	6852.2	20.808	mg/L	0.0653	20.808	mg/L	0.0653	0.31%

Sequence No.: 2
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 8/8/2007 7:45:00 PM
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	7755.1	0.2242	mg/L	0.00645	0.2242	mg/L	0.00645	2.88%
Cr 267.716	549.7	0.0103	mg/L	0.00002	0.0103	mg/L	0.00002	0.20%
Cu 324.752	7514.4	0.0273	mg/L	0.00024	0.0273	mg/L	0.00024	0.90%
Fe 273.955	5738.3	0.1858	mg/L	0.01033	0.1858	mg/L	0.01033	5.56%
Mg 279.077	136474.0	5.5287	mg/L	0.02861	5.5287	mg/L	0.02861	0.52%
Mn 257.610	11479.9	0.0177	mg/L	0.00026	0.0177	mg/L	0.00026	1.46%
Ni 231.604	1003.9	0.0438	mg/L	0.00009	0.0438	mg/L	0.00009	0.21%
Se 196.026	27.1	0.0388	mg/L	0.00048	0.0388	mg/L	0.00048	1.23%
Tl 190.801	37.1	0.0275	mg/L	0.00230	0.0275	mg/L	0.00230	8.35%
V 292.402	5707.7	0.0536	mg/L	0.00023	0.0536	mg/L	0.00023	0.43%
Zn 206.200	1733.9	0.0713	mg/L	0.00040	0.0713	mg/L	0.00040	0.56%
Ti 334.940	206.4	0.0003	mg/L	0.00007	0.0003	mg/L	0.00007	25.89%
Ca 227.546	1315.0	5.0746	mg/L	0.05525	5.0746	mg/L	0.05525	1.09%

Sequence No.: 3
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 5
Date Collected: 8/8/2007 7:48:04 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
Al 308.215	16035689.3	464.34	mg/L	1.302	464.34	mg/L	1.302	0.28%
Cr 267.716	-148.2	-0.0082	mg/L	0.00022	-0.0082	mg/L	0.00022	2.65%
Cu 324.752	-5564.1	-0.0066	mg/L	0.00006	-0.0066	mg/L	0.00006	0.95%
Fe 273.955	6060369.8	172.52	mg/L	0.371	172.52	mg/L	0.371	0.22%
Mg 279.077	11096958.6	449.46	mg/L	0.889	449.46	mg/L	0.889	0.20%
Mn 257.610	1303.3	0.0020	mg/L	0.00006	0.0020	mg/L	0.00006	2.85%
Saturated outside survey window (code 6)								
Ni 231.604	48.8	0.0250	mg/L	0.00050	0.0250	mg/L	0.00050	2.01%
Se 196.026	-18.0	0.0117	mg/L	0.00553	0.0117	mg/L	0.00553	47.06%
Tl 190.801	-23.7	0.0006	mg/L	0.00122	0.0006	mg/L	0.00122	193.14%
V 292.402	-369.6	-0.0006	mg/L	0.00006	-0.0006	mg/L	0.00006	10.06%
Zn 206.200	287.3	0.0065	mg/L	0.00020	0.0065	mg/L	0.00020	3.12%
Ti 334.940	-4919.8	0.0007	mg/L	0.00001	0.0007	mg/L	0.00001	1.68%
Ca 227.546	130844.6	502.02	mg/L	7.318	502.02	mg/L	7.318	1.46%

Sequence No.: 4
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/8/2007 7:51:18 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
Al 308.215	16589962.7	480.39	mg/L	0.050	480.39	mg/L	0.050	0.01%
Cr 267.716	23903.6	0.4402	mg/L	0.00429	0.4402	mg/L	0.00429	0.97%
Cu 324.752	137184.2	0.5096	mg/L	0.00374	0.5096	mg/L	0.00374	0.73%
Fe 273.955	6283013.4	178.87	mg/L	0.063	178.87	mg/L	0.063	0.04%
Mg 279.077	11494576.0	465.57	mg/L	0.116	465.57	mg/L	0.116	0.02%
Mn 257.610	309174.7	0.4772	mg/L	0.00310	0.4772	mg/L	0.00310	0.65%
Ni 231.604	19169.8	0.8587	mg/L	0.00275	0.8587	mg/L	0.00275	0.32%
Se 196.026	10.5	0.0540	mg/L	0.00051	0.0540	mg/L	0.00051	0.95%
Tl 190.801	102.7	0.0949	mg/L	0.00509	0.0949	mg/L	0.00509	5.37%
V 292.402	49602.4	0.4692	mg/L	0.00440	0.4692	mg/L	0.00440	0.94%
Zn 206.200	22111.5	0.9052	mg/L	0.00722	0.9052	mg/L	0.00722	0.80%
Ti 334.940	-5110.6	0.0007	mg/L	0.00002	0.0007	mg/L	0.00002	3.69%
Ca 227.546	136882.3	525.17	mg/L	4.369	525.17	mg/L	4.369	0.83%

Sequence No.: 5
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/8/2007 7:54:28 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
Al 308.215	342063.0	9.8857	mg/L	0.05987	9.8857	mg/L	0.05987	0.61%
Cr 267.716	52284.1	0.9746	mg/L	0.01936	0.9746	mg/L	0.01936	1.99%
Cu 324.752	351751.7	1.2712	mg/L	0.00004	1.2712	mg/L	0.00004	0.00%
Fe 273.955	187505.3	5.3652	mg/L	0.03288	5.3652	mg/L	0.03288	0.61%
Mg 279.077	632872.2	25.668	mg/L	0.0390	25.668	mg/L	0.0390	0.15%
Mn 257.610	1653138.6	2.5516	mg/L	0.00157	2.5516	mg/L	0.00157	0.06%
Ni 231.604	56596.2	2.4655	mg/L	0.04552	2.4655	mg/L	0.04552	1.85%
Se 196.026	353.9	0.5102	mg/L	0.00451	0.5102	mg/L	0.00451	0.88%
Tl 190.801	687.7	0.5104	mg/L	0.00133	0.5104	mg/L	0.00133	0.26%
V 292.402	264095.3	2.4802	mg/L	0.00459	2.4802	mg/L	0.00459	0.18%
Zn 206.200	63508.9	2.6141	mg/L	0.02425	2.6141	mg/L	0.02425	0.93%
Ti 334.940	517.1	0.0008	mg/L	0.00009	0.0008	mg/L	0.00009	12.58%
Ca 227.546	6518.7	24.919	mg/L	0.0323	24.919	mg/L	0.0323	0.13%

Sequence No.: 6
Sample ID: CCB

Autosampler Location: 4
Date Collected: 8/8/2007 7:57:39 PM

Analyst:
Initial Sample Wt:
Dilution:

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
Al 308.215	227.6	0.0066	mg/L	0.00479	0.0066	mg/L	0.00479	72.70%
Cr 267.716	-9.1	-0.0002	mg/L	0.00002	-0.0002	mg/L	0.00002	9.36%
Cu 324.752	116.4	0.0004	mg/L	0.00004	0.0004	mg/L	0.00004	9.45%
Fe 273.955	299.2	0.0086	mg/L	0.00220	0.0086	mg/L	0.00220	25.47%
Mg 279.077	482.9	0.0196	mg/L	0.00248	0.0196	mg/L	0.00248	12.69%
Mn 257.610	98.6	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	31.85%
Ni 231.604	7.0	0.0003	mg/L	0.00011	0.0003	mg/L	0.00011	34.46%
Se 196.026	2.0	0.0029	mg/L	0.00372	0.0029	mg/L	0.00372	127.96%
Tl 190.801	0.6	0.0005	mg/L	0.00247	0.0005	mg/L	0.00247	538.11%
V 292.402	25.0	0.0002	mg/L	0.00009	0.0002	mg/L	0.00009	37.98%
Zn 206.200	6.8	0.0003	mg/L	0.00001	0.0003	mg/L	0.00001	3.00%
Ti 334.940	17.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	54.21%
Ca 227.546	19.5	0.0753	mg/L	0.01813	0.0753	mg/L	0.01813	24.06%

Analysis Begun

Start Time: 8/13/2007 6:29:46 AM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 8/13/2007 5:54:53 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0810D.sif
Batch ID:
Results Data Set: B07081301
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1
Sample ID: S0
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 8/13/2007 6:29:46 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	4435.4	5.17	0.12%	[0.00]	mg/L
As 188.979	1.2	2.99	255.94%	[0.00]	mg/L
Cr 267.716	-20.9	4.41	21.13%	[0.00]	mg/L
Cu 324.752	710.1	10.81	1.52%	[0.00]	mg/L
Fe 273.955	-139.6	0.34	0.24%	[0.00]	mg/L
Mg 279.077	-351.2	1.62	0.46%	[0.00]	mg/L
Mn 257.610	3.4	10.41	306.74%	[0.00]	mg/L
Ni 231.604	-9.4	3.52	37.58%	[0.00]	mg/L
Pb 220.353	22.0	0.66	3.00%	[0.00]	mg/L
Se 196.026	1.6	2.55	161.52%	[0.00]	mg/L
Tl 190.801	-2.1	0.30	14.47%	[0.00]	mg/L
V 292.402	-47.7	8.46	17.73%	[0.00]	mg/L
Zn 206.200	12.7	2.29	18.06%	[0.00]	mg/L
Ti 334.940	1.0	13.42	>999.9%	[0.00]	mg/L
Ca 227.546	68.0	4.75	6.99%	[0.00]	mg/L

Sequence No.: 2
Sample ID: S1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 9
Date Collected: 8/13/2007 6:33:26 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	640734.4	28.22	0.00%	[20]	mg/L
As 188.979	795.5	4.07	0.51%	[1]	mg/L
Cr 267.716	95960.9	1563.42	1.63%	[2]	mg/L
Cu 324.752	681799.4	50.04	0.01%	[2.5]	mg/L
Fe 273.955	353589.4	1445.31	0.41%	[10]	mg/L
Mg 279.077	1226023.7	709.43	0.06%	[50]	mg/L
Mn 257.610	3071461.1	4089.86	0.13%	[5]	mg/L
Ni 231.604	103831.1	1450.41	1.40%	[5]	mg/L
Pb 220.353	4958.8	34.42	0.69%	[1]	mg/L
Se 196.026	682.2	0.93	0.14%	[1]	mg/L
Tl 190.801	1294.3	8.76	0.68%	[1]	mg/L
V 292.402	488759.2	3022.20	0.62%	[5]	mg/L
Zn 206.200	124793.4	955.46	0.77%	[5]	mg/L
Ti 334.940	838018.4	1576.62	0.19%	[1]	mg/L
Ca 227.546	12211.4	69.50	0.57%	[50]	mg/L

Calibration Summary

Analyte	Stds.	Equation	Intercept	Slope	Curvature	Corr. Coef.	Reslope

Al 308.215	1	Lin Thru 0	0.0	32040	0.00000	1.000000
As 188.979	1	Lin Thru 0	0.0	795.5	0.00000	1.000000
Cr 267.716	1	Lin Thru 0	0.0	47980	0.00000	1.000000
Cu 324.752	1	Lin Thru 0	0.0	272700	0.00000	1.000000
Fe 273.955	1	Lin Thru 0	0.0	35360	0.00000	1.000000
Mg 279.077	1	Lin Thru 0	0.0	24520	0.00000	1.000000
Mn 257.610	1	Lin Thru 0	0.0	614300	0.00000	1.000000
Ni 231.604	1	Lin Thru 0	0.0	20770	0.00000	1.000000
Pb 220.353	1	Lin Thru 0	0.0	4959	0.00000	1.000000
Se 196.026	1	Lin Thru 0	0.0	682.2	0.00000	1.000000
Tl 190.801	1	Lin Thru 0	0.0	1294	0.00000	1.000000
V 292.402	1	Lin Thru 0	0.0	97750	0.00000	1.000000
Zn 206.200	1	Lin Thru 0	0.0	24960	0.00000	1.000000
Ti 334.940	1	Lin Thru 0	0.0	838000	0.00000	1.000000
Ca 227.546	1	Lin Thru 0	0.0	244.2	0.00000	1.000000

Sequence No.: 3
Sample ID: ICV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 8/13/2007 6:36:39 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	488029.1	15.203	mg/L	0.1536	15.203	mg/L	0.1536	1.01%
As 188.979	606.8	0.7852	mg/L	0.01153	0.7852	mg/L	0.01153	1.47%
Cr 267.716	73324.3	1.5271	mg/L	0.00015	1.5271	mg/L	0.00015	0.01%
Cu 324.752	521005.2	1.9116	mg/L	0.01927	1.9116	mg/L	0.01927	1.01%
Fe 273.955	270943.0	7.9323	mg/L	0.03721	7.9323	mg/L	0.03721	0.47%
Mg 279.077	943846.0	38.538	mg/L	0.4336	38.538	mg/L	0.4336	1.13%
Mn 257.610	2371552.6	3.8607	mg/L	0.03790	3.8607	mg/L	0.03790	0.98%
Ni 231.604	78838.2	3.7971	mg/L	0.00951	3.7971	mg/L	0.00951	0.25%
Pb 220.353	3753.0	0.7578	mg/L	0.00547	0.7578	mg/L	0.00547	0.72%
Se 196.026	513.9	0.7529	mg/L	0.00631	0.7529	mg/L	0.00631	0.84%
Tl 190.801	992.7	0.7708	mg/L	0.00564	0.7708	mg/L	0.00564	0.73%
V 292.402	377094.9	3.8606	mg/L	0.04273	3.8606	mg/L	0.04273	1.11%
Zn 206.200	96165.0	3.8610	mg/L	0.02056	3.8610	mg/L	0.02056	0.53%
Ti 334.940	812.5	0.0013	mg/L	0.00003	0.0013	mg/L	0.00003	2.40%
Ca 227.546	9463.1	38.333	mg/L	0.2157	38.333	mg/L	0.2157	0.56%

Sequence No.: 4
Sample ID: ICB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/13/2007 6:39:50 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	175.4	0.0055	mg/L	0.00103	0.0055	mg/L	0.00103	18.86%
As 188.979	0.2	0.0002	mg/L	0.00420	0.0002	mg/L	0.00420	>999.9%
Cr 267.716	4.1	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	67.50%
Cu 324.752	86.3	0.0003	mg/L	0.00005	0.0003	mg/L	0.00005	15.39%
Fe 273.955	104.2	0.0030	mg/L	0.00139	0.0030	mg/L	0.00139	47.08%
Mg 279.077	116.0	0.0047	mg/L	0.00210	0.0047	mg/L	0.00210	44.47%
Mn 257.610	203.6	0.0003	mg/L	0.00005	0.0003	mg/L	0.00005	15.88%
Ni 231.604	13.1	0.0006	mg/L	0.00004	0.0006	mg/L	0.00004	6.39%
Pb 220.353	4.1	0.0008	mg/L	0.00073	0.0008	mg/L	0.00073	88.85%
Se 196.026	-0.9	-0.0013	mg/L	0.00203	-0.0013	mg/L	0.00203	153.80%
Tl 190.801	0.4	0.0003	mg/L	0.00050	0.0003	mg/L	0.00050	162.49%
V 292.402	31.4	0.0003	mg/L	0.00017	0.0003	mg/L	0.00017	51.73%
Zn 206.200	33.2	0.0013	mg/L	0.00002	0.0013	mg/L	0.00002	1.86%
Ti 334.940	26.4	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	12.04%
Ca 227.546	-1.5	-0.0061	mg/L	0.01431	-0.0061	mg/L	0.01431	235.45%

Sequence No.: 5
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 8/13/2007 6:43:32 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	6610.9	0.2060	mg/L	0.00128	0.2060	mg/L	0.00128	0.62%
As 188.979	6.8	0.0087	mg/L	0.00134	0.0087	mg/L	0.00134	15.38%
Cr 267.716	491.2	0.0103	mg/L	0.00012	0.0103	mg/L	0.00012	1.21%
Cu 324.752	6948.8	0.0256	mg/L	0.00019	0.0256	mg/L	0.00019	0.74%
Fe 273.955	3645.6	0.1286	mg/L	0.00077	0.1286	mg/L	0.00077	0.60%
Mg 279.077	128785.0	5.2523	mg/L	0.00639	5.2523	mg/L	0.00639	0.12%
Mn 257.610	10044.7	0.0164	mg/L	0.00000	0.0164	mg/L	0.00000	0.02%
Ni 231.604	881.2	0.0425	mg/L	0.00023	0.0425	mg/L	0.00023	0.54%
Pb 220.353	52.6	0.0107	mg/L	0.00066	0.0107	mg/L	0.00066	6.22%
Se 196.026	23.1	0.0336	mg/L	0.00012	0.0336	mg/L	0.00012	0.37%
Tl 190.801	34.8	0.0269	mg/L	0.00084	0.0269	mg/L	0.00084	3.13%
V 292.402	5129.7	0.0525	mg/L	0.00050	0.0525	mg/L	0.00050	0.96%
Zn 206.200	1620.0	0.0650	mg/L	0.00030	0.0650	mg/L	0.00030	0.46%
Ti 334.940	-19.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	43.78%
Ca 227.546	1171.2	4.7897	mg/L	0.00855	4.7897	mg/L	0.00855	0.18%

Sequence No.: 6
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 8/13/2007 6:46:36 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	14491766.0	452.35	mg/L	2.325	452.35	mg/L	2.325	0.51%
As 188.979	-10.0	-0.0023	mg/L	0.00275	-0.0023	mg/L	0.00275	118.79%
Cr 267.716	-146.0	-0.0083	mg/L	0.00007	-0.0083	mg/L	0.00007	0.78%
Cu 324.752	-5165.2	-0.0059	mg/L	0.00010	-0.0059	mg/L	0.00010	1.69%
Fe 273.955	5679240.4	165.27	mg/L	0.886	165.27	mg/L	0.886	0.54%
Mg 279.077	10633176.4	433.57	mg/L	2.279	433.57	mg/L	2.279	0.53%
Mn 257.610	1538.5	0.0025	mg/L	0.00004	0.0025	mg/L	0.00004	1.64%
Saturated outside survey window (code 6)								
Ni 231.604	41.2	0.0242	mg/L	0.00018	0.0242	mg/L	0.00018	0.75%
Pb 220.353	-150.1	0.0024	mg/L	0.00137	0.0024	mg/L	0.00137	56.23%
Se 196.026	-17.2	0.0107	mg/L	0.00128	0.0107	mg/L	0.00128	11.89%
Tl 190.801	-18.9	0.0022	mg/L	0.00314	0.0022	mg/L	0.00314	142.55%
V 292.402	-434.7	-0.0017	mg/L	0.00004	-0.0017	mg/L	0.00004	2.44%
Zn 206.200	272.4	0.0057	mg/L	0.00001	0.0057	mg/L	0.00001	0.13%
Ti 334.940	-4806.4	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	12.21%
Ca 227.546	119373.6	485.30	mg/L	2.328	485.30	mg/L	2.328	0.48%

Sequence No.: 7
Sample ID: ICSAB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 8/13/2007 6:49:50 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	15674860.8	489.27	mg/L	3.684	489.27	mg/L	3.684	0.75%
As 188.979	60.3	0.0940	mg/L	0.00589	0.0940	mg/L	0.00589	6.26%
Cr 267.716	22640.9	0.4660	mg/L	0.00374	0.4660	mg/L	0.00374	0.80%
Cu 324.752	135225.4	0.5101	mg/L	0.00233	0.5101	mg/L	0.00233	0.46%
Fe 273.955	6151100.8	179.01	mg/L	1.401	179.01	mg/L	1.401	0.78%
Mg 279.077	11510374.1	469.35	mg/L	3.757	469.35	mg/L	3.757	0.80%

Mn 257.610	300748.8	0.4896 mg/L	0.00136	0.4896 mg/L	0.00136	0.28%
Ni 231.604	17943.2	0.8881 mg/L	0.00031	0.8881 mg/L	0.00031	0.04%
Pb 220.353	68.9	0.0493 mg/L	0.00133	0.0493 mg/L	0.00133	2.70%
Se 196.026	13.5	0.0586 mg/L	0.00475	0.0586 mg/L	0.00475	8.11%
Tl 190.801	94.0	0.0912 mg/L	0.00044	0.0912 mg/L	0.00044	0.49%
V 292.402	47525.1	0.4900 mg/L	0.00230	0.4900 mg/L	0.00230	0.47%
Zn 206.200	22587.7	0.9018 mg/L	0.00100	0.9018 mg/L	0.00100	0.11%
Ti 334.940	-5093.9	0.0002 mg/L	0.00001	0.0002 mg/L	0.00001	4.62%
Ca 227.546	130190.1	529.25 mg/L	2.751	529.25 mg/L	2.751	0.52%

Sequence No.: 8
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/13/2007 6:53:00 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	312416.0	9.7325	mg/L	0.19412	9.7325	mg/L	0.19412	1.99%
As 188.979	389.6	0.5044	mg/L	0.00513	0.5044	mg/L	0.00513	1.02%
Cr 267.716	47829.5	0.9961	mg/L	0.03368	0.9961	mg/L	0.03368	3.38%
Cu 324.752	335660.3	1.2316	mg/L	0.00604	1.2316	mg/L	0.00604	0.49%
Fe 273.955	177382.7	5.1896	mg/L	0.09849	5.1896	mg/L	0.09849	1.90%
Mg 279.077	616024.2	25.153	mg/L	0.2054	25.153	mg/L	0.2054	0.82%
Mn 257.610	1551869.4	2.5263	mg/L	0.01692	2.5263	mg/L	0.01692	0.67%
Ni 231.604	51838.1	2.4967	mg/L	0.08755	2.4967	mg/L	0.08755	3.51%
Pb 220.353	2488.6	0.5025	mg/L	0.00340	0.5025	mg/L	0.00340	0.68%
Se 196.026	336.4	0.4930	mg/L	0.00163	0.4930	mg/L	0.00163	0.33%
Tl 190.801	647.3	0.5027	mg/L	0.00556	0.5027	mg/L	0.00556	1.11%
V 292.402	241806.2	2.4756	mg/L	0.07887	2.4756	mg/L	0.07887	3.19%
Zn 206.200	62698.6	2.5174	mg/L	0.05528	2.5174	mg/L	0.05528	2.20%
Ti 334.940	406.3	0.0007	mg/L	0.00000	0.0007	mg/L	0.00000	0.69%
Ca 227.546	6051.7	24.508	mg/L	0.0312	24.508	mg/L	0.0312	0.13%

Sequence No.: 9
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/13/2007 6:56:11 AM
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
Al 308.215	318.1	0.0099	mg/L	0.00103	0.0099	mg/L	0.00103	10.40%
As 188.979	1.8	0.0022	mg/L	0.00142	0.0022	mg/L	0.00142	63.40%
Cr 267.716	-1.3	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	261.89%
Cu 324.752	56.9	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	29.00%
Fe 273.955	164.9	0.0049	mg/L	0.00207	0.0049	mg/L	0.00207	42.21%
Mg 279.077	193.0	0.0079	mg/L	0.00088	0.0079	mg/L	0.00088	11.13%
Mn 257.610	88.1	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008	58.63%
Ni 231.604	8.9	0.0004	mg/L	0.00001	0.0004	mg/L	0.00001	3.33%
Pb 220.353	-0.2	0.0000	mg/L	0.00013	0.0000	mg/L	0.00013	281.90%
Se 196.026	0.5	0.0007	mg/L	0.00731	0.0007	mg/L	0.00731	>999.9%
Tl 190.801	1.5	0.0012	mg/L	0.00031	0.0012	mg/L	0.00031	26.39%
V 292.402	28.9	0.0003	mg/L	0.00004	0.0003	mg/L	0.00004	13.01%
Zn 206.200	11.2	0.0004	mg/L	0.00006	0.0004	mg/L	0.00006	13.38%
Ti 334.940	52.6	0.0001	mg/L	0.00009	0.0001	mg/L	0.00009	146.90%
Ca 227.546	10.6	0.0434	mg/L	0.02432	0.0434	mg/L	0.02432	56.07%

Sequence No.: 10
Sample ID: MB-31385,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 8/13/2007 6:59:52 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: MB-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	336.6	0.0105	mg/L	0.00013	0.0105	mg/L	0.00013	1.21%
As 188.979	-2.9	-0.0036	mg/L	0.00079	-0.0036	mg/L	0.00079	21.93%
Cr 267.716	22.0	0.0005	mg/L	0.00014	0.0005	mg/L	0.00014	30.37%
Cu 324.752	320.0	0.0012	mg/L	0.00007	0.0012	mg/L	0.00007	5.95%
Fe 273.955	499.6	0.0144	mg/L	0.00084	0.0144	mg/L	0.00084	5.88%
Mg 279.077	71.9	0.0029	mg/L	0.00197	0.0029	mg/L	0.00197	67.03%
Mn 257.610	611.3	0.0010	mg/L	0.00002	0.0010	mg/L	0.00002	1.60%
Ni 231.604	0.9	0.0000	mg/L	0.00041	0.0000	mg/L	0.00041	890.55%
Pb 220.353	5.7	0.0011	mg/L	0.00001	0.0011	mg/L	0.00001	0.99%
Se 196.026	2.4	0.0035	mg/L	0.00121	0.0035	mg/L	0.00121	34.41%
Tl 190.801	-1.7	-0.0013	mg/L	0.00006	-0.0013	mg/L	0.00006	4.79%
V 292.402	6.9	0.0001	mg/L	0.00011	0.0001	mg/L	0.00011	145.88%
Zn 206.200	86.5	0.0035	mg/L	0.00025	0.0035	mg/L	0.00025	7.14%
Ti 334.940	86.4	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	15.43%
Ca 227.546	10.5	0.0428	mg/L	0.02911	0.0428	mg/L	0.02911	68.10%

Sequence No.: 11
Sample ID: LCS-31385,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 8/13/2007 7:03:33 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: LCS-31385,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	292338.1	9.1067	mg/L	0.01382	9.1067	mg/L	0.01382	0.15%
As 188.979	368.6	0.4773	mg/L	0.00628	0.4773	mg/L	0.00628	1.32%
Cr 267.716	45459.2	0.9467	mg/L	0.00468	0.9467	mg/L	0.00468	0.49%
Cu 324.752	325301.6	1.1936	mg/L	0.00045	1.1936	mg/L	0.00045	0.04%
Fe 273.955	167063.3	4.8876	mg/L	0.01052	4.8876	mg/L	0.01052	0.22%
Mg 279.077	579329.2	23.655	mg/L	0.0429	23.655	mg/L	0.0429	0.18%
Mn 257.610	1484657.4	2.4169	mg/L	0.00132	2.4169	mg/L	0.00132	0.05%
Ni 231.604	48483.4	2.3351	mg/L	0.00706	2.3351	mg/L	0.00706	0.30%
Pb 220.353	2372.8	0.4791	mg/L	0.00438	0.4791	mg/L	0.00438	0.91%
Se 196.026	309.4	0.4534	mg/L	0.00466	0.4534	mg/L	0.00466	1.03%
Tl 190.801	610.1	0.4738	mg/L	0.00949	0.4738	mg/L	0.00949	2.00%
V 292.402	230358.3	2.3584	mg/L	0.00596	2.3584	mg/L	0.00596	0.25%
Zn 206.200	57450.4	2.3068	mg/L	0.00160	2.3068	mg/L	0.00160	0.07%
Ti 334.940	477.9	0.0007	mg/L	0.00001	0.0007	mg/L	0.00001	0.91%
Ca 227.546	5710.6	23.127	mg/L	0.1520	23.127	mg/L	0.1520	0.66%

Sequence No.: 12
Sample ID: F0936-12B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 8/13/2007 7:06:43 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	57467721.9	1793.8	mg/L	9.84	1793.8	mg/L	9.84	0.55%
As 188.979	-19.1	0.0716	mg/L	0.03666	0.0716	mg/L	0.03666	51.19%
Cr 267.716	173738.9	3.6150	mg/L	0.03273	3.6150	mg/L	0.03273	0.91%
Cu 324.752	12535690.4	46.010	mg/L	0.1114	46.010	mg/L	0.1114	0.24%
Fe 273.955	55412508.9	1584.6	mg/L	0.21	1584.6	mg/L	0.21	0.01%
Mg 279.077	12772164.1	520.17	mg/L	0.679	520.17	mg/L	0.679	0.13%
Mn 257.610	Saturated2							
Ni 231.604	97675.7	4.7920	mg/L	0.05559	4.7920	mg/L	0.05559	1.16%
Pb 220.353	550836.7	111.20	mg/L	0.883	111.20	mg/L	0.883	0.79%
Se 196.026	-708.1	-0.5400	mg/L	0.03532	-0.5400	mg/L	0.03532	6.54%
Tl 190.801	-309.0	0.0634	mg/L	0.00668	0.0634	mg/L	0.00668	10.53%
V 292.402	435982.3	4.4881	mg/L	0.04286	4.4881	mg/L	0.04286	0.96%
Zn 206.200	1819083.8	72.865	mg/L	0.4054	72.865	mg/L	0.4054	0.56%

Ti 334.940	264596.3	0.3392 mg/L	0.01341	0.3392 mg/L	0.01341	3.95%
Ca 227.546	487949.1	1963.9 mg/L	14.56	1963.9 mg/L	14.56	0.74%

Sequence No.: 13
Sample ID: F0936-12BDUP,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 41
Date Collected: 8/13/2007 7:09:42 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BDUP,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	56746017.3	1771.2	mg/L	4.56	1771.2	mg/L	4.56	0.26%
As 188.979	73.3	0.1875	mg/L	0.00570	0.1875	mg/L	0.00570	3.04%
Cr 267.716	176636.2	3.6758	mg/L	0.01594	3.6758	mg/L	0.01594	0.43%
Cu 324.752	12482792.4	45.814	mg/L	0.0069	45.814	mg/L	0.0069	0.02%
Fe 273.955	55804453.6	1595.4	mg/L	0.94	1595.4	mg/L	0.94	0.06%
Mg 279.077	12686597.7	516.68	mg/L	0.098	516.68	mg/L	0.098	0.02%
Mn 257.610	Saturated2							
Ni 231.604	96091.9	4.7142	mg/L	0.00653	4.7142	mg/L	0.00653	0.14%
Pb 220.353	555914.9	112.22	mg/L	0.256	112.22	mg/L	0.256	0.23%
Se 196.026	-630.4	-0.4193	mg/L	0.00660	-0.4193	mg/L	0.00660	1.57%
Tl 190.801	-291.8	0.0815	mg/L	0.00732	0.0815	mg/L	0.00732	8.98%
V 292.402	416913.5	4.2934	mg/L	0.02369	4.2934	mg/L	0.02369	0.55%
Zn 206.200	1823399.3	73.039	mg/L	0.1423	73.039	mg/L	0.1423	0.19%
Ti 334.940	151511.1	0.2037	mg/L	0.00283	0.2037	mg/L	0.00283	1.39%
Ca 227.546	476456.8	1916.6	mg/L	8.70	1916.6	mg/L	8.70	0.45%

Sequence No.: 14
Sample ID: F0936-12BMS,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 42
Date Collected: 8/13/2007 7:12:41 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BMS,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	57678859.9	1800.4	mg/L	0.22	1800.4	mg/L	0.22	0.01%
As 188.979	-98.0	-0.0222	mg/L	0.00670	-0.0222	mg/L	0.00670	30.14%
Cr 267.716	185488.7	3.8550	mg/L	0.00681	3.8550	mg/L	0.00681	0.18%
Cu 324.752	12919561.0	47.419	mg/L	0.0338	47.419	mg/L	0.0338	0.07%
Fe 273.955	50554487.6	1447.3	mg/L	0.16	1447.3	mg/L	0.16	0.01%
Mg 279.077	13581663.7	553.24	mg/L	0.176	553.24	mg/L	0.176	0.03%
Mn 257.610	Saturated2							
Ni 231.604	112817.1	5.5215	mg/L	0.02296	5.5215	mg/L	0.02296	0.42%
Pb 220.353	602423.8	121.60	mg/L	0.665	121.60	mg/L	0.665	0.55%
Se 196.026	-498.1	-0.2830	mg/L	0.07703	-0.2830	mg/L	0.07703	27.22%
Tl 190.801	-180.4	0.1273	mg/L	0.00188	0.1273	mg/L	0.00188	1.48%
V 292.402	-6262.0	-0.0381	mg/L	0.00044	-0.0381	mg/L	0.00044	1.16%
Zn 206.200	2010208.6	80.524	mg/L	0.4398	80.524	mg/L	0.4398	0.55%
Ti 334.940	92369.6	0.1336	mg/L	0.00320	0.1336	mg/L	0.00320	2.40%
Ca 227.546	486801.2	1962.1	mg/L	12.62	1962.1	mg/L	12.62	0.64%

Sequence No.: 15
Sample ID: F0936-12BSD,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 43
Date Collected: 8/13/2007 7:15:32 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-12BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	17823965.3	556.35	mg/L	2.255	556.35	mg/L	2.255	0.41%
As 188.979	0.6	0.0213	mg/L	0.00585	0.0213	mg/L	0.00585	27.49%
Cr 267.716	51161.2	1.0505	mg/L	0.00166	1.0505	mg/L	0.00166	0.16%

Cu 324.752	2910394.5	10.676 mg/L	0.0031	10.676 mg/L	0.0031	0.03%
Fe 273.955	31334641.9	890.92 mg/L	1.243	890.92 mg/L	1.243	0.14%
Mg 279.077	4099093.4	167.01 mg/L	0.004	167.01 mg/L	0.004	0.00%
Mn 257.610	12554122.1	20.437 mg/L	0.0632	20.437 mg/L	0.0632	0.31%
Ni 231.604	30902.7	1.5115 mg/L	0.00283	1.5115 mg/L	0.00283	0.19%
Pb 220.353	183392.5	37.014 mg/L	0.0508	37.014 mg/L	0.0508	0.14%
Se 196.026	-168.7	0.0490 mg/L	0.00314	0.0490 mg/L	0.00314	6.41%
Tl 190.801	-62.6	0.1795 mg/L	0.00251	0.1795 mg/L	0.00251	1.40%
V 292.402	114159.6	1.1852 mg/L	0.00005	1.1852 mg/L	0.00005	0.00%
Zn 206.200	748987.6	30.005 mg/L	0.0488	30.005 mg/L	0.0488	0.16%
Ti 334.940	42736.7	0.0562 mg/L	0.00131	0.0562 mg/L	0.00131	2.33%
Ca 227.546	108609.5	425.70 mg/L	2.020	425.70 mg/L	2.020	0.47%

Sequence No.: 16
Sample ID: ACIDBLK
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/13/2007 7:18:56 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACIDBLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	6153.0	0.1921	mg/L	0.01579	0.1921	mg/L	0.01579	8.22%
As 188.979	0.9	0.0011	mg/L	0.00209	0.0011	mg/L	0.00209	188.05%
Cr 267.716	18.9	0.0004	mg/L	0.00001	0.0004	mg/L	0.00001	1.63%
Cu 324.752	1841.0	0.0067	mg/L	0.00024	0.0067	mg/L	0.00024	3.50%
Fe 273.955	16342.8	0.4637	mg/L	0.03804	0.4637	mg/L	0.03804	8.20%
Mg 279.077	1725.0	0.0702	mg/L	0.00274	0.0702	mg/L	0.00274	3.90%
Mn 257.610	5845.3	0.0095	mg/L	0.00034	0.0095	mg/L	0.00034	3.55%
Ni 231.604	13.1	0.0006	mg/L	0.00015	0.0006	mg/L	0.00015	24.22%
Pb 220.353	420.1	0.0847	mg/L	0.00681	0.0847	mg/L	0.00681	8.03%
Se 196.026	0.9	0.0014	mg/L	0.00247	0.0014	mg/L	0.00247	175.08%
Tl 190.801	-0.6	-0.0003	mg/L	0.00013	-0.0003	mg/L	0.00013	38.06%
V 292.402	21.7	0.0002	mg/L	0.00008	0.0002	mg/L	0.00008	34.66%
Zn 206.200	2321.8	0.0930	mg/L	0.01105	0.0930	mg/L	0.01105	11.88%
Ti 334.940	103.4	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	1.64%
Ca 227.546	27.7	0.1034	mg/L	0.03113	0.1034	mg/L	0.03113	30.12%

JRW 8/13/07

Sequence No.: 17
Sample ID: ACIDBLK
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/13/2007 7:22:37 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ACIDBLK

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	1352.7	0.0422	mg/L	0.00827	0.0422	mg/L	0.00827	19.58%
As 188.979	-2.4	-0.0030	mg/L	0.00109	-0.0030	mg/L	0.00109	36.40%
Cr 267.716	5.1	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	44.18%
Cu 324.752	921.7	0.0034	mg/L	0.00011	0.0034	mg/L	0.00011	3.39%
Fe 273.955	3757.2	0.1067	mg/L	0.01490	0.1067	mg/L	0.01490	13.96%
Mg 279.077	371.0	0.0151	mg/L	0.00190	0.0151	mg/L	0.00190	12.59%
Mn 257.610	1382.1	0.0022	mg/L	0.00032	0.0022	mg/L	0.00032	14.04%
Ni 231.604	7.5	0.0004	mg/L	0.00007	0.0004	mg/L	0.00007	19.60%
Pb 220.353	264.0	0.0532	mg/L	0.00154	0.0532	mg/L	0.00154	2.90%
Se 196.026	-1.7	-0.0024	mg/L	0.00333	-0.0024	mg/L	0.00333	139.48%
Tl 190.801	-0.5	-0.0003	mg/L	0.00068	-0.0003	mg/L	0.00068	202.95%
V 292.402	7.9	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	74.60%
Zn 206.200	1336.4	0.0535	mg/L	0.00261	0.0535	mg/L	0.00261	4.88%
Ti 334.940	112.4	0.0001	mg/L	0.00013	0.0001	mg/L	0.00013	94.66%
Ca 227.546	14.9	0.0586	mg/L	0.02157	0.0586	mg/L	0.02157	36.80%

Sequence No.: 18
Sample ID: CCV
Analyst:

Autosampler Location: 3
Date Collected: 8/13/2007 7:26:17 AM
Data Type: Original

Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: CCV

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	311055.9	9.6900	mg/L	0.07696	9.6900	mg/L	0.07696	0.79%
As 188.979	396.5	0.5131	mg/L	0.00241	0.5131	mg/L	0.00241	0.47%
Cr 267.716	48050.4	1.0007	mg/L	0.00648	1.0007	mg/L	0.00648	0.65%
Cu 324.752	338254.3	1.2411	mg/L	0.01677	1.2411	mg/L	0.01677	1.35%
Fe 273.955	177604.7	5.1961	mg/L	0.03839	5.1961	mg/L	0.03839	0.74%
Mg 279.077	618757.2	25.264	mg/L	0.3333	25.264	mg/L	0.3333	1.32%
Mn 257.610	1559271.7	2.5384	mg/L	0.03579	2.5384	mg/L	0.03579	1.41%
Ni 231.604	51916.7	2.5005	mg/L	0.01870	2.5005	mg/L	0.01870	0.75%
Pb 220.353	2633.0	0.5316	mg/L	0.00020	0.5316	mg/L	0.00020	0.04%
Se 196.026	342.7	0.5021	mg/L	0.00191	0.5021	mg/L	0.00191	0.38%
Tl 190.801	651.1	0.5056	mg/L	0.00149	0.5056	mg/L	0.00149	0.29%
V 292.402	242755.5	2.4853	mg/L	0.01511	2.4853	mg/L	0.01511	0.61%
Zn 206.200	64148.1	2.5755	mg/L	0.01812	2.5755	mg/L	0.01812	0.70%
Ti 334.940	413.0	0.0007	mg/L	0.00006	0.0007	mg/L	0.00006	8.59%
Ca 227.546	6070.6	24.585	mg/L	0.0234	24.585	mg/L	0.0234	0.10%

Sequence No.: 19 Autosampler Location: 4
Sample ID: CCB Date Collected: 8/13/2007 7:29:27 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: CCB

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	500.7	0.0156	mg/L	0.00659	0.0156	mg/L	0.00659	42.20%
As 188.979	-0.3	-0.0004	mg/L	0.00100	-0.0004	mg/L	0.00100	250.27%
Cr 267.716	10.2	0.0002	mg/L	0.00013	0.0002	mg/L	0.00013	61.05%
Cu 324.752	333.4	0.0012	mg/L	0.00057	0.0012	mg/L	0.00057	46.47%
Fe 273.955	1044.4	0.0296	mg/L	0.01603	0.0296	mg/L	0.01603	54.23%
Mg 279.077	336.4	0.0137	mg/L	0.00986	0.0137	mg/L	0.00986	71.87%
Mn 257.610	555.9	0.0009	mg/L	0.00048	0.0009	mg/L	0.00048	52.50%
Ni 231.604	5.2	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	41.05%
Pb 220.353	117.6	0.0237	mg/L	0.00094	0.0237	mg/L	0.00094	3.96%
Se 196.026	2.8	0.0041	mg/L	0.00444	0.0041	mg/L	0.00444	109.47%
Tl 190.801	-0.5	-0.0003	mg/L	0.00506	-0.0003	mg/L	0.00506	>999.9%
V 292.402	29.3	0.0003	mg/L	0.00015	0.0003	mg/L	0.00015	50.36%
Zn 206.200	575.6	0.0231	mg/L	0.00167	0.0231	mg/L	0.00167	7.25%
Ti 334.940	59.2	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	28.24%
Ca 227.546	-4.0	-0.0171	mg/L	0.00085	-0.0171	mg/L	0.00085	4.97%

Sequence No.: 20 Autosampler Location: 44
Sample ID: F0981-01B,31385 Date Collected: 8/13/2007 7:33:08 AM
Analyst: Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: F0981-01B,31385

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	18268310.3	570.22	mg/L	5.681	570.22	mg/L	5.681	1.00%
As 188.979	544.9	0.7271	mg/L	0.01844	0.7271	mg/L	0.01844	2.54%
Cr 267.716	84182.6	1.7392	mg/L	0.02100	1.7392	mg/L	0.02100	1.21%
Cu 324.752	3277721.0	12.043	mg/L	0.0097	12.043	mg/L	0.0097	0.08%
Fe 273.955	41283929.5	1175.4	mg/L	6.94	1175.4	mg/L	6.94	0.59%
Mg 279.077	4318820.3	175.88	mg/L	0.029	175.88	mg/L	0.029	0.02%
Mn 257.610	14455138.9	23.532	mg/L	0.1963	23.532	mg/L	0.1963	0.83%
Ni 231.604	29598.9	1.4652	mg/L	0.02221	1.4652	mg/L	0.02221	1.52%
Pb 220.353	447919.3	90.366	mg/L	0.6067	90.366	mg/L	0.6067	0.67%
Se 196.026	-231.7	0.0017	mg/L	0.02456	0.0017	mg/L	0.02456	>999.9%

Tl 190.801	-109.5	0.2232	mg/L	0.01156	0.2232	mg/L	0.01156	5.18%
V 292.402	164081.1	1.7015	mg/L	0.01664	1.7015	mg/L	0.01664	0.98%
Zn 206.200	1341939.9	53.765	mg/L	0.2392	53.765	mg/L	0.2392	0.44%
Ti 334.940	3241121.6	3.8819	mg/L	0.02431	3.8819	mg/L	0.02431	0.63%
Ca 227.546	295790.2	1186.1	mg/L	2.22	1186.1	mg/L	2.22	0.19%

Sequence No.: 21
Sample ID: F0981-06B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 8/13/2007 7:35:54 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	24369310.9	760.66	mg/L	3.016	760.66	mg/L	3.016	0.40%
As 188.979	374.3	0.5092	mg/L	0.03022	0.5092	mg/L	0.03022	5.93%
Cr 267.716	56798.2	1.1880	mg/L	0.01606	1.1880	mg/L	0.01606	1.35%
Cu 324.752	975047.6	3.6057	mg/L	0.01314	3.6057	mg/L	0.01314	0.36%
Fe 273.955	44460407.7	1267.4	mg/L	3.18	1267.4	mg/L	3.18	0.25%
Mg 279.077	10909338.1	444.34	mg/L	1.416	444.34	mg/L	1.416	0.32%
Mn 257.610	Saturated2							
Ni 231.604	39702.8	1.9633	mg/L	0.03240	1.9633	mg/L	0.03240	1.65%
Pb 220.353	12332.9	2.5462	mg/L	0.02666	2.5462	mg/L	0.02666	1.05%
Se 196.026	-245.3	0.0198	mg/L	0.02822	0.0198	mg/L	0.02822	142.14%
Tl 190.801	-97.7	0.2202	mg/L	0.00464	0.2202	mg/L	0.00464	2.11%
V 292.402	101433.3	1.0605	mg/L	0.01468	1.0605	mg/L	0.01468	1.38%
Zn 206.200	151140.1	6.0482	mg/L	0.06264	6.0482	mg/L	0.06264	1.04%
Ti 334.940	1862886.4	2.2399	mg/L	0.02055	2.2399	mg/L	0.02055	0.92%
Ca 227.546	349952.7	1405.9	mg/L	6.52	1405.9	mg/L	6.52	0.46%

Sequence No.: 22
Sample ID: F0981-06BSD,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 8/13/2007 7:38:36 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0981-06BSD,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Al 308.215	6096323.7	190.29	mg/L	0.518	190.29	mg/L	0.518	0.27%
As 188.979	74.9	0.1001	mg/L	0.01447	0.1001	mg/L	0.01447	14.45%
Cr 267.716	14075.3	0.2790	mg/L	0.00114	0.2790	mg/L	0.00114	0.41%
Cu 324.752	206819.2	0.7631	mg/L	0.00414	0.7631	mg/L	0.00414	0.54%
Fe 273.955	16253781.7	462.00	mg/L	0.656	462.00	mg/L	0.656	0.14%
Mg 279.077	2930822.3	119.54	mg/L	0.320	119.54	mg/L	0.320	0.27%
Mn 257.610	11473668.9	18.678	mg/L	0.0205	18.678	mg/L	0.0205	0.11%
Ni 231.604	10511.9	0.5179	mg/L	0.00179	0.5179	mg/L	0.00179	0.35%
Pb 220.353	3396.1	0.6953	mg/L	0.00095	0.6953	mg/L	0.00095	0.14%
Se 196.026	-42.8	0.0735	mg/L	0.00566	0.0735	mg/L	0.00566	7.70%
Tl 190.801	-17.4	0.1225	mg/L	0.00144	0.1225	mg/L	0.00144	1.17%
V 292.402	24824.8	0.2636	mg/L	0.00438	0.2636	mg/L	0.00438	1.66%
Zn 206.200	42786.9	1.7143	mg/L	0.01641	1.7143	mg/L	0.01641	0.96%
Ti 334.940	443658.2	0.5331	mg/L	0.00878	0.5331	mg/L	0.00878	1.65%
Ca 227.546	75982.9	301.33	mg/L	1.490	301.33	mg/L	1.490	0.49%

Sequence No.: 23
Sample ID: ACIDBLK
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 2
Date Collected: 8/13/2007 7:41:58 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

JRW 8/13/07

Mean Data: ACIDBLK

Analyte	Mean Corrected Intensity	Calib Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD

Al 308.215	546.9	0.0171	mg/L	0.00549	0.0171	mg/L	0.00549 32.15%
As 188.979	-2.1	-0.0026	mg/L	0.00234	-0.0026	mg/L	0.00234 89.03%
Cr 267.716	5.4	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008 69.53%
Cu 324.752	391.3	0.0014	mg/L	0.00001	0.0014	mg/L	0.00001 1.00%
Fe 273.955	2145.4	0.0609	mg/L	0.01938	0.0609	mg/L	0.01938 31.81%
Mg 279.077	261.9	0.0107	mg/L	0.00447	0.0107	mg/L	0.00447 41.83%
Mn 257.610	1299.3	0.0021	mg/L	0.00060	0.0021	mg/L	0.00060 28.45%
Ni 231.604	1.3	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012 185.25%
Pb 220.353	168.2	0.0339	mg/L	0.00036	0.0339	mg/L	0.00036 1.05%
Se 196.026	1.3	0.0020	mg/L	0.00323	0.0020	mg/L	0.00323 162.43%
Tl 190.801	-1.5	-0.0011	mg/L	0.00005	-0.0011	mg/L	0.00005 4.00%
V 292.402	-1.1	0.0000	mg/L	0.00009	0.0000	mg/L	0.00009 893.89%
Zn 206.200	824.4	0.0330	mg/L	0.00155	0.0330	mg/L	0.00155 4.68%
Ti 334.940	232.6	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010 36.25%
Ca 227.546	10.2	0.0404	mg/L	0.00270	0.0404	mg/L	0.00270 6.69%

Sequence No.: 24 **Autosampler Location: 2**
Sample ID: ACIDBLK **Date Collected: 8/13/2007 7:45:39 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

JRW 8/13/07

Mean Data: ACIDBLK

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	226.6	0.0071	mg/L	0.00040	0.0071	mg/L	0.00040	5.72%
As 188.979	-1.8	-0.0023	mg/L	0.00085	-0.0023	mg/L	0.00085	36.86%
Cr 267.716	-1.8	0.0000	mg/L	0.00008	0.0000	mg/L	0.00008	203.17%
Cu 324.752	343.3	0.0013	mg/L	0.00000	0.0013	mg/L	0.00000	0.04%
Fe 273.955	694.9	0.0197	mg/L	0.00171	0.0197	mg/L	0.00171	8.65%
Mg 279.077	52.4	0.0021	mg/L	0.00042	0.0021	mg/L	0.00042	19.55%
Mn 257.610	513.8	0.0008	mg/L	0.00001	0.0008	mg/L	0.00001	1.38%
Ni 231.604	5.7	0.0003	mg/L	0.00003	0.0003	mg/L	0.00003	9.46%
Pb 220.353	167.1	0.0337	mg/L	0.00042	0.0337	mg/L	0.00042	1.25%
Se 196.026	0.6	0.0008	mg/L	0.00240	0.0008	mg/L	0.00240	293.44%
Tl 190.801	-4.6	-0.0036	mg/L	0.00176	-0.0036	mg/L	0.00176	49.43%
V 292.402	-5.1	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	37.27%
Zn 206.200	669.4	0.0268	mg/L	0.00083	0.0268	mg/L	0.00083	3.11%
Ti 334.940	54.6	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	14.46%
Ca 227.546	0.8	0.0027	mg/L	0.00441	0.0027	mg/L	0.00441	163.28%

Sequence No.: 25 **Autosampler Location: 2**
Sample ID: ACIDBLK **Date Collected: 8/13/2007 7:49:19 AM**
Analyst: **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ACIDBLK

Analyte	Mean Corrected Intensity	Conc.	Calib Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	488.8	0.0153	mg/L	0.00136	0.0153	mg/L	0.00136	8.95%
As 188.979	-0.2	-0.0003	mg/L	0.00166	-0.0003	mg/L	0.00166	651.86%
Cr 267.716	5.2	0.0001	mg/L	0.00009	0.0001	mg/L	0.00009	81.01%
Cu 324.752	354.4	0.0013	mg/L	0.00006	0.0013	mg/L	0.00006	4.95%
Fe 273.955	1428.2	0.0405	mg/L	0.00057	0.0405	mg/L	0.00057	1.40%
Mg 279.077	179.6	0.0073	mg/L	0.00124	0.0073	mg/L	0.00124	16.92%
Mn 257.610	824.1	0.0013	mg/L	0.00000	0.0013	mg/L	0.00000	0.03%
Ni 231.604	6.5	0.0003	mg/L	0.00026	0.0003	mg/L	0.00026	83.41%
Pb 220.353	168.4	0.0340	mg/L	0.00085	0.0340	mg/L	0.00085	2.49%
Se 196.026	1.8	0.0027	mg/L	0.00189	0.0027	mg/L	0.00189	69.37%
Tl 190.801	-3.0	-0.0023	mg/L	0.00302	-0.0023	mg/L	0.00302	130.68%
V 292.402	-0.9	0.0000	mg/L	0.00010	0.0000	mg/L	0.00010	>999.9%
Zn 206.200	578.8	0.0232	mg/L	0.00044	0.0232	mg/L	0.00044	1.91%
Ti 334.940	93.6	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	9.48%
Ca 227.546	0.5	0.0011	mg/L	0.03514	0.0011	mg/L	0.03514	>999.9%

User canceled analysis.

Analysis Begun

Start Time: 8/13/2007 7:58:11 AM
Logged In Analyst: optima3
Spectrometer Model: Optima 4300 DV, S/N 077N3102302
Plasma On Time: 8/13/2007 5:54:53 AM
Technique: ICP Continuous
Autosampler Model: AS-93plus

Sample Information File: C:\pe\Administrator\Sample Information\0810D.sif
Batch ID:
Results Data Set: B07081301
Results Library: C:\pe\Administrator\Results\Results.mdb

Sequence No.: 1
Sample ID: CRI
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 7
Date Collected: 8/13/2007 7:58:12 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	6273.3	0.1955	mg/L	0.00212	0.1955	mg/L	0.00212	1.08%
As 188.979	7.8	0.0100	mg/L	0.00226	0.0100	mg/L	0.00226	22.71%
Cr 267.716	474.0	0.0099	mg/L	0.00002	0.0099	mg/L	0.00002	0.22%
Cu 324.752	6803.7	0.0251	mg/L	0.00001	0.0251	mg/L	0.00001	0.04%
Fe 273.955	3747.7	0.1309	mg/L	0.00060	0.1309	mg/L	0.00060	0.46%
Mg 279.077	127109.2	5.1840	mg/L	0.02745	5.1840	mg/L	0.02745	0.53%
Mn 257.610	9883.9	0.0161	mg/L	0.00010	0.0161	mg/L	0.00010	0.64%
Ni 231.604	864.2	0.0417	mg/L	0.00011	0.0417	mg/L	0.00011	0.27%
Pb 220.353	147.0	0.0297	mg/L	0.00101	0.0297	mg/L	0.00101	3.41%
Se 196.026	26.1	0.0380	mg/L	0.00012	0.0380	mg/L	0.00012	0.32%
Tl 190.801	30.5	0.0236	mg/L	0.00139	0.0236	mg/L	0.00139	5.87%
V 292.402	4962.3	0.0508	mg/L	0.00030	0.0508	mg/L	0.00030	0.59%
Zn 206.200	1871.4	0.0751	mg/L	0.00088	0.0751	mg/L	0.00088	1.17%
Ti 334.940	-88.3	-0.0001	mg/L	0.00004	-0.0001	mg/L	0.00004	75.91%
Ca 227.546	1143.6	4.6768	mg/L	0.03435	4.6768	mg/L	0.03435	0.73%

Sequence No.: 2
Sample ID: ICSA
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 5
Date Collected: 8/13/2007 8:01:15 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	14712304.1	459.23	mg/L	0.497	459.23	mg/L	0.497	0.11%
As 188.979	-11.8	-0.0045	mg/L	0.00313	-0.0045	mg/L	0.00313	69.67%
Cr 267.716	-142.6	-0.0083	mg/L	0.00009	-0.0083	mg/L	0.00009	1.13%
Cu 324.752	-5231.5	-0.0060	mg/L	0.00021	-0.0060	mg/L	0.00021	3.54%
Fe 273.955	5828656.6	169.56	mg/L	0.264	169.56	mg/L	0.264	0.16%
Mg 279.077	10967749.4	447.21	mg/L	0.945	447.21	mg/L	0.945	0.21%
Mn 257.610	2105.3	0.0034	mg/L	0.00054	0.0034	mg/L	0.00054	15.70%
Saturated outside survey window (code 6)								
Ni 231.604	34.0	0.0241	mg/L	0.00001	0.0241	mg/L	0.00001	0.06%
Pb 220.353	-91.3	0.0148	mg/L	0.00159	0.0148	mg/L	0.00159	10.76%
Se 196.026	-12.8	0.0187	mg/L	0.00633	0.0187	mg/L	0.00633	33.88%
Tl 190.801	-9.9	0.0100	mg/L	0.00074	0.0100	mg/L	0.00074	7.41%
V 292.402	-446.5	-0.0018	mg/L	0.00007	-0.0018	mg/L	0.00007	3.71%
Zn 206.200	437.9	0.0123	mg/L	0.00076	0.0123	mg/L	0.00076	6.14%
Ti 334.940	-4895.6	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	103.50%
Ca 227.546	120421.4	489.50	mg/L	3.698	489.50	mg/L	3.698	0.76%

Sequence No.: 3
Sample ID: ICSAB
Autosampler Location: 6
Date Collected: 8/13/2007 8:04:29 AM

Analyst:
Initial Sample Wt:
Dilution:

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	15726475.7	490.89	mg/L	3.142	490.89	mg/L	3.142	0.64%
As 188.979	65.9	0.1009	mg/L	0.00690	0.1009	mg/L	0.00690	6.84%
Cr 267.716	22290.9	0.4587	mg/L	0.00178	0.4587	mg/L	0.00178	0.39%
Cu 324.752	136274.3	0.5140	mg/L	0.00247	0.5140	mg/L	0.00247	0.48%
Fe 273.955	6228816.9	181.23	mg/L	1.055	181.23	mg/L	1.055	0.58%
Mg 279.077	11712274.1	477.58	mg/L	3.030	477.58	mg/L	3.030	0.63%
Mn 257.610	302660.5	0.4927	mg/L	0.00251	0.4927	mg/L	0.00251	0.51%
Ni 231.604	18032.6	0.8924	mg/L	0.00326	0.8924	mg/L	0.00326	0.36%
Pb 220.353	139.5	0.0636	mg/L	0.00022	0.0636	mg/L	0.00022	0.34%
Se 196.026	11.9	0.0571	mg/L	0.00101	0.0571	mg/L	0.00101	1.78%
Tl 190.801	101.0	0.0971	mg/L	0.00019	0.0971	mg/L	0.00019	0.20%
V 292.402	46751.4	0.4821	mg/L	0.00168	0.4821	mg/L	0.00168	0.35%
Zn 206.200	23216.6	0.9270	mg/L	0.00608	0.9270	mg/L	0.00608	0.66%
Ti 334.940	-5239.6	0.0001	mg/L	0.00001	0.0001	mg/L	0.00001	17.14%
Ca 227.546	130505.9	530.49	mg/L	3.013	530.49	mg/L	3.013	0.57%

Sequence No.: 4
Sample ID: CCV
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 8/13/2007 8:07:39 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	314649.0	9.8023	mg/L	0.02113	9.8023	mg/L	0.02113	0.22%
As 188.979	404.7	0.5233	mg/L	0.00263	0.5233	mg/L	0.00263	0.50%
Cr 267.716	47430.3	0.9877	mg/L	0.00418	0.9877	mg/L	0.00418	0.42%
Cu 324.752	340198.4	1.2482	mg/L	0.00970	1.2482	mg/L	0.00970	0.78%
Fe 273.955	179498.1	5.2509	mg/L	0.01327	5.2509	mg/L	0.01327	0.25%
Mg 279.077	628483.3	25.661	mg/L	0.0907	25.661	mg/L	0.0907	0.35%
Mn 257.610	1569417.7	2.5549	mg/L	0.01157	2.5549	mg/L	0.01157	0.45%
Ni 231.604	51690.3	2.4896	mg/L	0.01019	2.4896	mg/L	0.01019	0.41%
Pb 220.353	2590.6	0.5230	mg/L	0.00042	0.5230	mg/L	0.00042	0.08%
Se 196.026	344.0	0.5040	mg/L	0.00289	0.5040	mg/L	0.00289	0.57%
Tl 190.801	655.3	0.5089	mg/L	0.00422	0.5089	mg/L	0.00422	0.83%
V 292.402	240707.1	2.4643	mg/L	0.00193	2.4643	mg/L	0.00193	0.08%
Zn 206.200	64080.7	2.5727	mg/L	0.00332	2.5727	mg/L	0.00332	0.13%
Ti 334.940	502.9	0.0008	mg/L	0.00005	0.0008	mg/L	0.00005	6.54%
Ca 227.546	6088.5	24.658	mg/L	0.0945	24.658	mg/L	0.0945	0.38%

Sequence No.: 5
Sample ID: CCB
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 8/13/2007 8:10:50 AM
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
Al 308.215	399.4	0.0125	mg/L	0.00306	0.0125	mg/L	0.00306	24.57%
As 188.979	-1.0	-0.0013	mg/L	0.00352	-0.0013	mg/L	0.00352	275.50%
Cr 267.716	3.7	0.0001	mg/L	0.00000	0.0001	mg/L	0.00000	0.28%
Cu 324.752	103.4	0.0004	mg/L	0.00008	0.0004	mg/L	0.00008	20.75%
Fe 273.955	541.0	0.0154	mg/L	0.00357	0.0154	mg/L	0.00357	23.16%
Mg 279.077	352.7	0.0144	mg/L	0.00203	0.0144	mg/L	0.00203	14.11%
Mn 257.610	326.1	0.0005	mg/L	0.00006	0.0005	mg/L	0.00006	11.59%
Ni 231.604	4.9	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	29.86%
Pb 220.353	72.3	0.0146	mg/L	0.00033	0.0146	mg/L	0.00033	2.24%

Se 196.026	0.5	0.0007 mg/L	0.00302	0.0007 mg/L	0.00302	437.50%
Tl 190.801	1.1	0.0008 mg/L	0.00205	0.0008 mg/L	0.00205	243.04%
V 292.402	34.1	0.0003 mg/L	0.00014	0.0003 mg/L	0.00014	39.54%
Zn 206.200	181.6	0.0073 mg/L	0.00008	0.0073 mg/L	0.00008	1.09%
Ti 334.940	2.2	0.0000 mg/L	0.00000	0.0000 mg/L	0.00000	116.14%
Ca 227.546	2.2	0.0088 mg/L	0.03767	0.0088 mg/L	0.03767	427.31%

Sequence No.: 6
Sample ID: F0936-04B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 47
Date Collected: 8/13/2007 8:14:31 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-04B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	12940480.9	403.92	mg/L	3.161	403.92	mg/L	3.161	0.78%
As 188.979	454.0	0.6095	mg/L	0.02301	0.6095	mg/L	0.02301	3.77%
Cr 267.716	108196.0	2.2419	mg/L	0.00841	2.2419	mg/L	0.00841	0.38%
Cu 324.752	5615013.4	20.600	mg/L	0.1653	20.600	mg/L	0.1653	0.80%
Fe 273.955	49033031.5	1392.1	mg/L	5.59	1392.1	mg/L	5.59	0.40%
Mg 279.077	2324410.2	94.480	mg/L	0.5659	94.480	mg/L	0.5659	0.60%
Mn 257.610	16488129.5	26.841	mg/L	0.1599	26.841	mg/L	0.1599	0.60%
Ni 231.604	50202.1	2.4431	mg/L	0.01049	2.4431	mg/L	0.01049	0.43%
Pb 220.353	355809.7	71.773	mg/L	0.3228	71.773	mg/L	0.3228	0.45%
Se 196.026	-331.2	-0.0382	mg/L	0.01781	-0.0382	mg/L	0.01781	46.65%
Tl 190.801	-166.4	0.2540	mg/L	0.00005	0.2540	mg/L	0.00005	0.02%
V 292.402	119316.5	1.2476	mg/L	0.00576	1.2476	mg/L	0.00576	0.46%
Zn 206.200	1955962.3	78.372	mg/L	0.3647	78.372	mg/L	0.3647	0.47%
Ti 334.940	2894586.8	3.4636	mg/L	0.01035	3.4636	mg/L	0.01035	0.30%
Ca 227.546	199084.9	785.41	mg/L	4.468	785.41	mg/L	4.468	0.57%

Sequence No.: 7
Sample ID: F0936-07B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 48
Date Collected: 8/13/2007 8:17:19 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-07B,31385

Analyte	Mean Corrected Intensity	Calib Conc.	Calib Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Al 308.215	10537910.7	328.93	mg/L	2.079	328.93	mg/L	2.079	0.63%
As 188.979	610.4	0.7941	mg/L	0.00031	0.7941	mg/L	0.00031	0.04%
Cr 267.716	46284.4	0.9578	mg/L	0.01373	0.9578	mg/L	0.01373	1.43%
Cu 324.752	4544979.1	16.682	mg/L	0.1182	16.682	mg/L	0.1182	0.71%
Fe 273.955	18528954.1	528.65	mg/L	3.549	528.65	mg/L	3.549	0.67%
Mg 279.077	2233155.8	90.940	mg/L	0.5097	90.940	mg/L	0.5097	0.56%
Mn 257.610	5475527.9	8.9136	mg/L	0.06353	8.9136	mg/L	0.06353	0.71%
Ni 231.604	15263.5	0.7558	mg/L	0.00350	0.7558	mg/L	0.00350	0.46%
Pb 220.353	150832.9	30.436	mg/L	0.2503	30.436	mg/L	0.2503	0.82%
Se 196.026	-50.4	0.0742	mg/L	0.00445	0.0742	mg/L	0.00445	5.99%
Tl 190.801	-29.5	0.1068	mg/L	0.00193	0.1068	mg/L	0.00193	1.80%
V 292.402	79679.1	0.8240	mg/L	0.01153	0.8240	mg/L	0.01153	1.40%
Zn 206.200	610423.1	24.455	mg/L	0.1476	24.455	mg/L	0.1476	0.60%
Ti 334.940	4062698.4	4.8565	mg/L	0.02736	4.8565	mg/L	0.02736	0.56%
Ca 227.546	176506.6	711.40	mg/L	5.038	711.40	mg/L	5.038	0.71%

Sequence No.: 8
Sample ID: F0936-08B,31385
Analyst:
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 8/13/2007 8:20:37 AM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: F0936-08B,31385

Analyte	Mean Corrected	Calib	Sample

FIMSI-0707271A

NS 7/27/07 ILM 5.3 So.1

7/27/2007

F0936

F0981

Method Name: Mercury-ILM
Method Description: Mercury
Element: Hg

Date: 07/27/2007
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: KAROLINA.SIF Results Data Set Name: H0707271

Element: Hg Seq. No.: 1 AS Loc.: 1 Date: 07/27/2007
Sample ID: S0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0006	0.0027	0.0006	08:23:07	Yes
2			0.0008	0.0041	0.0008	08:23:39	Yes
Mean:			0.0007				
SD :			0.0001				
%RSD:			17.8354				

Auto-zero performed.

Element: Hg Seq. No.: 2 AS Loc.: 2 Date: 07/27/2007
Sample ID: S0.2

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0044	0.0216	0.0051	08:24:32	Yes
2			0.0044	0.0220	0.0051	08:25:04	Yes
Mean:			0.0044				
SD :			0.0000				
%RSD:			0.5471				

[Hg] Standard number 1 applied. [0.20]
Correlation Coefficient: 1.00000 Slope: 0.02197
Intercept : 0.00000

Element: Hg Seq. No.: 3 AS Loc.: 3 Date: 07/27/2007
Sample ID: S1.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0202	0.0870	0.0208	08:25:58	Yes
2			0.0201	0.0869	0.0208	08:26:30	Yes
Mean:			0.0201				
SD :			0.0001				
%RSD:			0.2909				

[Hg] Standard number 2 applied. [1.00]
Correlation Coefficient: 0.99982 Slope: 0.02000
Intercept : 0.00017

Element: Hg Seq. No.: 4 AS Loc.: 4 Date: 07/27/2007
Sample ID: S2.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0401	0.1691	0.0408	08:27:24	Yes
2			0.0401	0.1686	0.0408	08:27:56	Yes
Mean:			0.0401				
SD :			0.0000				
%RSD:							

[Hg] Standard number 3 applied. [2.00]

4974

Correlation Coefficient: 0.99996 Slope: 0.01996
Intercept : 0.00019

Element: Hg Seq. No.: 5 AS Loc.: 5 Date: 07/27/2007
Sample ID: S5.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1001	0.4185	0.1008	08:28:50	Yes
2			0.1001	0.4205	0.1007	08:29:23	Yes
Mean:			0.1001				
SD :			0.0001				
%RSD:							

[Hg] Standard number 4 applied. [5.00]
Correlation Coefficient: 0.99999 Slope: 0.01998
Intercept : 0.00017

Element: Hg Seq. No.: 6 AS Loc.: 6 Date: 07/27/2007
Sample ID: S10.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1948	0.8196	0.1955	08:30:17	Yes
2			0.1940	0.8154	0.1947	08:30:49	Yes
Mean:			0.1944				
SD :			0.0006				
%RSD:			0.2997				

[Hg] Standard number 5 applied. [10.00]
Correlation Coefficient: 0.99990 Slope: 0.01946
Intercept : 0.00082

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
S0	0.0007	--	----	----	----
S0.2	0.0044	0.20	0.18	0.000	0.5
S1.0	0.0201	1.00	0.99	0.000	0.3
S2.0	0.0401	2.00	2.02	0.000	----
S5.0	0.1001	5.00	5.10	0.000	----
S10.0	0.1944	10.00	9.95	0.001	0.3

Correlation Coefficient: 0.99990 Slope: 0.01946 Intercept: 0.0008

Element: Hg Seq. No.: 7 AS Loc.: 7 Date: 07/27/2007
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.10	2.10	0.0418	0.1766	0.0425	08:31:42	Yes
2	2.10	2.10	0.0417	0.1758	0.0424	08:32:14	Yes
Mean:	2.10	2.10	0.0418				
SD :	0.002	0.002	0.0000				
%RSD:							

QC value within specified limits.

Element: Hg Seq. No.: 8 AS Loc.: 1 Date: 07/27/2007
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.06	-0.06	-0.0003	0.0008	0.0004	08:33:09	Yes

2	-0.06	-0.06	-0.0003	0.0007	0.0004	08:33:41	Yes
Mean:	-0.06	-0.06	-0.0003				
SD :	0.000	0.000	0.0000				
%RSD:	0.1	0.1	0.4556				

QC value within specified limits.

Element: Hg Seq. No.: 9 AS Loc.: 17 Date: 07/27/2007
Sample ID: CRA

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.18	0.18	0.0044	0.0214	0.0051	08:34:34	Yes
2	0.18	0.18	0.0043	0.0193	0.0050	08:35:06	Yes
Mean:	0.18	0.18	0.0043				
SD :	0.003	0.003	0.0001				
%RSD:	1.9	1.9	1.5217				

Element: Hg Seq. No.: 10 AS Loc.: 18 Date: 07/27/2007
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.23	5.23	0.1027	0.4261	0.1033	08:35:59	Yes
2	5.21	5.21	0.1023	0.4265	0.1029	08:36:31	Yes
Mean:	5.22	5.22	0.1025				
SD :	0.015	0.015	0.0003				
%RSD:	0.3	0.3	0.2788				

Element: Hg Seq. No.: 11 AS Loc.: 19 Date: 07/27/2007
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.03	-0.03	0.0002	0.0039	0.0009	08:37:23	Yes
2	-0.03	-0.03	0.0002	0.0040	0.0009	08:37:55	Yes
Mean:	-0.03	-0.03	0.0002				
SD :	0.000	0.000	0.0000				
%RSD:	0.7	0.7	1.9681				

Element: Hg Seq. No.: 12 AS Loc.: 20 Date: 07/27/2007
Sample ID: MB-31388

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.05	-0.05	-0.0001	0.0020	0.0006	08:38:48	Yes
2	-0.05	-0.05	-0.0001	0.0020	0.0006	08:39:20	Yes
Mean:	-0.05	-0.05	-0.0001				
SD :	0.001	0.001	0.0000				
%RSD:	2.0	2.0	16.6913				

Element: Hg Seq. No.: 13 AS Loc.: 21 Date: 07/27/2007
Sample ID: LCS-31388

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	6.77	6.77	0.1327	0.5545	0.1333	08:40:13	Yes
2	6.79	6.79	0.1330	0.5551	0.1336	08:40:46	Yes
Mean:	6.78	6.78	0.1328				
SD :	0.010	0.010	0.0002				
%RSD:	0.2	0.2	0.1518				

Element: Hg Seq. No.: 14 AS Loc.: 22 Date: 07/27/2007
Sample ID: F0936-01B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.08	2.08	0.0412	0.1714	0.0419	08:41:39	Yes
2	2.07	2.07	0.0411	0.1711	0.0417	08:42:10	Yes
Mean:	2.07	2.07	0.0412				
SD :	0.006	0.006	0.0001				
%RSD:	0.3	0.3	0.3009				

Element: Hg Seq. No.: 15 AS Loc.: 23 Date: 07/27/2007
Sample ID: F0936-02B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.84	0.84	0.0172	0.0733	0.0178	08:43:03	Yes
2	0.83	0.83	0.0170	0.0730	0.0177	08:43:35	Yes
Mean:	0.84	0.84	0.0171				
SD :	0.004	0.004	0.0001				
%RSD:	0.5	0.5	0.4928				

Element: Hg Seq. No.: 16 AS Loc.: 24 Date: 07/27/2007
Sample ID: F0936-05B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.01	-0.01	0.0006	0.0050	0.0013	08:44:28	Yes
2	-0.01	-0.01	0.0007	0.0052	0.0014	08:45:00	Yes
Mean:	-0.01	-0.01	0.0007				
SD :	0.001	0.001	0.0000				
%RSD:	16.4	16.4	3.8018				

Element: Hg Seq. No.: 17 AS Loc.: 7 Date: 07/27/2007
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.18	5.18	0.1016	0.4223	0.1022	08:45:53	Yes
2	5.18	5.18	0.1016	0.4230	0.1023	08:46:25	Yes
Mean:	5.18	5.18	0.1016				
SD :	0.001	0.001	0.0000				
%RSD:							

QC value within specified limits.

Element: Hg Seq. No.: 18 AS Loc.: 1 Date: 07/27/2007
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.05	-0.05	-0.0002	0.0018	0.0005	08:47:20	Yes
2	-0.05	-0.05	-0.0002	0.0018	0.0005	08:47:52	Yes
Mean:	-0.05	-0.05	-0.0002				
SD :	0.000	0.000	0.0000				
%RSD:	0.7	0.7	3.5577				

QC value within specified limits.

Element: Hg Seq. No.: 19 AS Loc.: 25 Date: 07/27/2007
Sample ID: F0936-06B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	-0.02	-0.02	0.0005	0.0057	0.0012	08:48:47	Yes
2	-0.02	-0.02	0.0005	0.0054	0.0012	08:49:19	Yes
Mean:	-0.02	-0.02	0.0005				
SD :	0.000	0.000	0.0000				
%RSD:	2.7	2.7	1.7173				

Element: Hg Seq. No.: 20 AS Loc.: 26 Date: 07/27/2007
Sample ID: F0936-10B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.02	-0.02	0.0004	0.0032	0.0010	08:50:12	Yes
2	-0.02	-0.02	0.0004	0.0041	0.0011	08:50:44	Yes
Mean:	-0.02	-0.02	0.0004				
SD :	0.001	0.001	0.0000				
%RSD:	6.4	6.4	7.5687				

Element: Hg Seq. No.: 21 AS Loc.: 27 Date: 07/27/2007
Sample ID: F0936-13B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.07	0.07	0.0021	0.0112	0.0028	08:51:38	Yes
2	0.07	0.07	0.0023	0.0123	0.0029	08:52:09	Yes
Mean:	0.07	0.07	0.0022				
SD :	0.004	0.004	0.0001				
%RSD:	6.1	6.1	3.8301				

Element: Hg Seq. No.: 22 AS Loc.: 28 Date: 07/27/2007
Sample ID: F0936-14B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.03	-0.03	0.0003	0.0041	0.0010	08:53:03	Yes
2	-0.03	-0.03	0.0003	0.0039	0.0010	08:53:35	Yes
Mean:	-0.03	-0.03	0.0003				
SD :	0.001	0.001	0.0000				
%RSD:	2.3	2.3	4.0680				

Element: Hg Seq. No.: 23 AS Loc.: 29 Date: 07/27/2007
Sample ID: F0936-14BDUP

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.01	0.01	0.0010	0.0062	0.0016	08:54:27	Yes
2	0.01	0.01	0.0010	0.0069	0.0017	08:54:59	Yes
Mean:	0.01	0.01	0.0010				
SD :	0.001	0.001	0.0000				
%RSD:	7.1	7.1	1.1462				

Element: Hg Seq. No.: 24 AS Loc.: 30 Date: 07/27/2007
Sample ID: F0936-14BMS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.10	1.10	0.0223	0.0939	0.0229	08:55:51	Yes
2	1.10	1.10	0.0223	0.0937	0.0230	08:56:23	Yes
Mean:	1.10	1.10	0.0223				
SD :	0.002	0.002	0.0000				
%RSD:	0.1	0.1	0.1444				

Element: Hg Seq. No.: 25 AS Loc.: 31 Date: 07/27/2007
Sample ID: F0936-16B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.04	0.04	0.0016	0.0089	0.0023	08:57:16	Yes
2	0.05	0.05	0.0017	0.0108	0.0024	08:57:48	Yes
Mean:	0.04	0.04	0.0017				
SD :	0.004	0.004	0.0001				
%RSD:	8.1	8.1	4.1760				

Element: Hg Seq. No.: 26 AS Loc.: 32 Date: 07/27/2007
Sample ID: CRA

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.19	0.19	0.0046	0.0229	0.0053	08:58:44	Yes
2	0.19	0.19	0.0045	0.0209	0.0052	08:59:16	Yes
Mean:	0.19	0.19	0.0046				
SD :	0.002	0.002	0.0000				
%RSD:	1.3	1.3	1.0563				

Element: Hg Seq. No.: 27 AS Loc.: 7 Date: 07/27/2007
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.23	5.23	0.1026	0.4275	0.1033	09:00:12	Yes
2	5.22	5.22	0.1024	0.4252	0.1031	09:00:44	Yes
Mean:	5.23	5.23	0.1025				
SD :	0.005	0.005	0.0001				
%RSD:							

QC value within specified limits.

Element: Hg Seq. No.: 28 AS Loc.: 1 Date: 07/27/2007
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.05	-0.05	-0.0002	0.0018	0.0005	09:01:39	Yes
2	-0.05	-0.05	-0.0002	0.0021	0.0005	09:02:11	Yes
Mean:	-0.05	-0.05	-0.0002				
SD :	0.001	0.001	0.0000				
%RSD:	1.4	1.4	7.8246				

QC value within specified limits.

Element: Hg Seq. No.: 29 AS Loc.: 33 Date: 07/27/2007
Sample ID: F0936-18B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.49	0.49	0.0104	0.0446	0.0110	09:03:04	Yes
2	0.50	0.50	0.0106	0.0456	0.0112	09:03:37	Yes
Mean:	0.50	0.50	0.0105				
SD :	0.007	0.007	0.0001				
%RSD:	1.4	1.4	1.2811				

Element: Hg Seq. No.: 30 AS Loc.: 34 Date: 07/27/2007
Sample ID: F0936-20B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	1.00	1.00	0.0203	0.0848	0.0209	09:04:30	Yes
2	1.00	1.00	0.0202	0.0835	0.0209	09:05:01	Yes
Mean:	1.00	1.00	0.0202				
SD :	0.003	0.003	0.0001				
%RSD:	0.3	0.3	0.2550				

Element: Hg Seq. No.: 31 AS Loc.: 35 Date: 07/27/2007
Sample ID: F0981-03B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.11	0.11	0.0029	0.0154	0.0036	09:05:55	Yes
2	0.11	0.11	0.0030	0.0153	0.0037	09:06:27	Yes
Mean:	0.11	0.11	0.0030				
SD :	0.002	0.002	0.0000				
%RSD:	1.5	1.5	1.0945				

Element: Hg Seq. No.: 32 AS Loc.: 36 Date: 07/27/2007
Sample ID: F0981-04B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.02	0.02	0.0013	0.0083	0.0020	09:07:20	Yes
2	0.02	0.02	0.0013	0.0074	0.0020	09:07:52	Yes
Mean:	0.02	0.02	0.0013				
SD :	0.001	0.001	0.0000				
%RSD:	2.2	2.2	0.8038				

Element: Hg Seq. No.: 33 AS Loc.: 37 Date: 07/27/2007
Sample ID: F0981-05B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.05	0.05	0.0018	0.0104	0.0025	09:08:45	Yes
2	0.05	0.05	0.0018	0.0099	0.0025	09:09:17	Yes
Mean:	0.05	0.05	0.0018				
SD :	0.001	0.001	0.0000				
%RSD:	1.0	1.0	0.5354				

Element: Hg Seq. No.: 34 AS Loc.: 38 Date: 07/27/2007
Sample ID: F0981-07B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.88	0.88	0.0180	0.0751	0.0187	09:10:10	Yes
2	0.88	0.88	0.0180	0.0758	0.0187	09:10:42	Yes
Mean:	0.88	0.88	0.0180				
SD :	0.000	0.000	0.0000				
%RSD:							

Element: Hg Seq. No.: 35 AS Loc.: 39 Date: 07/27/2007
Sample ID: F0981-08B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.06	0.06	0.0020	0.0098	0.0027	09:11:35	Yes
2	0.06	0.06	0.0021	0.0108	0.0027	09:12:07	Yes
Mean:	0.06	0.06	0.0020				
SD :	0.002	0.002	0.0000				
%RSD:	3.8	3.8	2.2522				

Element: Hg Seq. No.: 36 AS Loc.: 40 Date: 07/27/2007
Sample ID: F0981-09B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.00	0.00	0.0009	0.0063	0.0016	09:12:59	Yes
2	0.00	0.00	0.0009	0.0056	0.0015	09:13:31	Yes
Mean:	0.00	0.00	0.0009				
SD :	0.002	0.002	0.0000				
%RSD:	42.6	42.6	3.5548				

Element: Hg Seq. No.: 37 AS Loc.: 7 Date: 07/27/2007
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.25	5.25	0.1030	0.4267	0.1037	09:14:26	Yes
2	5.26	5.26	0.1032	0.4251	0.1039	09:14:58	Yes
Mean:	5.26	5.26	0.1031				
SD :	0.008	0.008	0.0002				
%RSD:	0.2	0.2	0.1566				

QC value within specified limits.

Element: Hg Seq. No.: 38 AS Loc.: 1 Date: 07/27/2007
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.05	-0.05	-0.0002	0.0016	0.0005	09:15:53	Yes
2	-0.05	-0.05	-0.0002	0.0015	0.0004	09:16:25	Yes
Mean:	-0.05	-0.05	-0.0002				
SD :	0.001	0.001	0.0000				
%RSD:	1.6	1.6	7.7258				

QC value within specified limits.

Element: Hg Seq. No.: 39 AS Loc.: 41 Date: 07/27/2007
Sample ID: F0981-10B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.03	0.03	0.0015	0.0082	0.0021	09:17:20	Yes
2	0.03	0.03	0.0015	0.0089	0.0021	09:17:52	Yes
Mean:	0.03	0.03	0.0015				
SD :	0.000	0.000	0.0000				
%RSD:	0.7	0.7	0.3134				

Element: Hg Seq. No.: 40 AS Loc.: 42 Date: 07/27/2007
Sample ID: F0981-11B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.04	0.04	0.0016	0.0093	0.0023	09:18:44	Yes
2	0.05	0.05	0.0017	0.0109	0.0024	09:19:16	Yes
Mean:	0.04	0.04	0.0017				
SD :	0.003	0.003	0.0001				
%RSD:	6.5	6.5	3.3391				

Element: Hg Seq. No.: 41 AS Loc.: 43 Date: 07/27/2007
Sample ID: F0981-11BDUP

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	0.00	0.00	0.0008	0.0056	0.0014	09:20:09	Yes
2	0.00	0.00	0.0008	0.0056	0.0014	09:20:41	Yes
Mean:	0.00	0.00	0.0008				
SD :	0.000	0.000	0.0000				
%RSD:	13.1	13.1	0.8988				

Element: Hg Seq. No.: 42 AS Loc.: 44 Date: 07/27/2007
Sample ID: F0981-11BMS

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.94	0.94	0.0190	0.0784	0.0197	09:21:34	Yes
2	0.94	0.94	0.0191	0.0785	0.0197	09:22:06	Yes
Mean:	0.94	0.94	0.0190				
SD :	0.000	0.000	0.0000				
%RSD:							

Element: Hg Seq. No.: 43 AS Loc.: 45 Date: 07/27/2007
Sample ID: CRA

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.19	0.19	0.0046	0.0215	0.0053	09:22:59	Yes
2	0.20	0.20	0.0046	0.0218	0.0053	09:23:31	Yes
Mean:	0.19	0.19	0.0046				
SD :	0.000	0.000	0.0000				
%RSD:	0.2	0.2	0.1882				

Element: Hg Seq. No.: 44 AS Loc.: 7 Date: 07/27/2007
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.29	5.29	0.1037	0.4279	0.1044	09:24:24	Yes
2	5.25	5.25	0.1031	0.4246	0.1037	09:24:56	Yes
Mean:	5.27	5.27	0.1034				
SD :	0.023	0.023	0.0004				
%RSD:	0.4	0.4	0.4306				

QC value within specified limits.

Element: Hg Seq. No.: 45 AS Loc.: 1 Date: 07/27/2007
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.05	-0.05	-0.0001	0.0015	0.0006	09:25:51	Yes
2	-0.05	-0.05	-0.0002	0.0010	0.0005	09:26:24	Yes
Mean:	-0.05	-0.05	-0.0001				
SD :	0.002	0.002	0.0000				
%RSD:	3.8	3.8	24.8836				

QC value within specified limits.

2	-0.08	-0.08	-0.0002	0.0016	0.0004	11:05:53 Yes
Mean:	-0.08	-0.08	-0.0002			
SD :	0.002	0.002	0.0000			
%RSD:	3.0	3.0	17.5286			

QC value within specified limits.

Element: Hg Seq. No.: 9 AS Loc.: 17 Date: 07/27/2007
Sample ID: CRA

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.18	0.18	0.0040	0.0177	0.0046	11:06:46	Yes
2	0.18	0.18	0.0040	0.0183	0.0046	11:07:18	Yes
Mean:	0.18	0.18	0.0040				
SD :	0.000	0.000	0.0000				
%RSD:	0.1	0.1					

Element: Hg Seq. No.: 10 AS Loc.: 18 Date: 07/27/2007
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.13	5.13	0.0830	0.3353	0.0836	11:08:11	Yes
2	0.87	0.87	0.0150	0.0636	0.0156	11:08:43	Yes
Mean:	3.00	3.00	0.0490				
SD :	3.012	3.012	0.0481				
%RSD:	100.4	100.4	98.1477				

Element: Hg Seq. No.: 11 AS Loc.: 19 Date: 07/27/2007
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.06	-0.06	0.0002	0.0024	0.0008	11:09:36	Yes

Method Name: Mercury-ILM
Method Description: Mercury
Element: Hg

NS 7/27/07 10cm 5.5 Ar
9/27/07

Date: 07/27/2007
Technique:FI-MHS
Calibration Type:
Hg, Calc. Intercept : Linear
Wavelength: 253.7 nm
Sample Info Name: KAROLINA.SIF Results Data Set Name: H0707273

F0936
F0981

FIMS1_070727B

Element: Hg Seq. No.: 12 AS Loc.: 1 Date: 07/27/2007
Sample ID: S0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0003	0.0007	0.0003	11:11:10	Yes
2			0.0004	0.0019	0.0004	11:11:42	Yes
Mean:			0.0004				
SD :			0.0000				
%RSD:			8.6015				

Auto-zero performed.

Element: Hg Seq. No.: 13 AS Loc.: 2 Date: 07/27/2007
Sample ID: S0.2

Repl	SampleConc	StndConc	BlnkCorr	Peak	Peak	Time	Peak

1463

#	µg/L	µg/L	Signal	Area	Height	Stored
1			0.0031	0.0140	0.0035	11:12:35 Yes
2			0.0031	0.0135	0.0035	11:13:07 Yes
Mean:			0.0031			
SD :			0.0000			
%RSD:			0.4609			

[Hg] Standard number 1 applied. [0.20]
Correlation Coefficient: 1.00000 Slope: 0.01559
Intercept : 0.00000

Element: Hg Seq. No.: 14 AS Loc.: 3 Date: 07/27/2007
Sample ID: S1.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0176	0.0709	0.0180	11:14:01	Yes
2			0.0175	0.0715	0.0179	11:14:33	Yes
Mean:			0.0176				
SD :			0.0001				
%RSD:			0.3136				

[Hg] Standard number 2 applied. [1.00]
Correlation Coefficient: 0.99973 Slope: 0.01772
Intercept : -0.00019

Element: Hg Seq. No.: 15 AS Loc.: 4 Date: 07/27/2007
Sample ID: S2.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0360	0.1455	0.0363	11:15:27	Yes
2			0.0361	0.1457	0.0365	11:16:00	Yes
Mean:			0.0360				
SD :			0.0001				
%RSD:			0.2934				

[Hg] Standard number 3 applied. [2.00]
Correlation Coefficient: 0.99988 Slope: 0.01810
Intercept : -0.00030

Element: Hg Seq. No.: 16 AS Loc.: 5 Date: 07/27/2007
Sample ID: S5.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.0835	0.3354	0.0838	11:16:54	Yes
2			0.0836	0.3351	0.0839	11:17:26	Yes
Mean:			0.0835				
SD :			0.0000				
%RSD:							

[Hg] Standard number 4 applied. [5.00]
Correlation Coefficient: 0.99941 Slope: 0.01675
Intercept : 0.00059

Element: Hg Seq. No.: 17 AS Loc.: 6 Date: 07/27/2007
Sample ID: S10.0

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1			0.1624	0.6536	0.1627	11:18:20	Yes
2			0.1623	0.6520	0.1627	11:18:52	Yes
Mean:			0.1623				
SD :			0.0000				
%RSD:							

[Hg] Standard number 5 applied. [10.00]

Correlation Coefficient: 0.99971 Slope: 0.01621
Intercept : 0.00125

Calibration data for Hg

Standard ID	Mean Signal (Pk Height)	Entered Concentration (µg/L)	Calculated Concentration (µg/L)	Standard Deviation	%RSD
S0	0.0004	--	----	----	----
S0.2	0.0031	0.20	0.12	0.000	0.5
S1.0	0.0176	1.00	1.01	0.000	0.3
S2.0	0.0360	2.00	2.15	0.000	0.3
S5.0	0.0835	5.00	5.07	0.000	----
S10.0	0.1623	10.00	9.93	0.000	----

Correlation Coefficient: 0.99971 Slope: 0.01621 Intercept: 0.0012

Element: Hg Seq. No.: 18 AS Loc.: 7 Date: 07/27/2007
Sample ID: ICV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.17	2.17	0.0364	0.1461	0.0368	11:19:45	Yes
2	2.17	2.17	0.0365	0.1468	0.0368	11:20:17	Yes
Mean:	2.17	2.17	0.0364				
SD :	0.003	0.003	0.0000				
%RSD:	0.1	0.1	0.1136				

QC value within specified limits.

Element: Hg Seq. No.: 19 AS Loc.: 1 Date: 07/27/2007
Sample ID: ICB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.07	-0.07	0.0001	0.0017	0.0004	11:21:12	Yes
2	-0.08	-0.08	0.0000	0.0007	0.0004	11:21:44	Yes
Mean:	-0.08	-0.08	0.0000				
SD :	0.003	0.003	0.0000				
%RSD:	3.5	3.5	136.4026				

QC value within specified limits.

Element: Hg Seq. No.: 20 AS Loc.: 17 Date: 07/27/2007
Sample ID: CRA

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.17	0.17	0.0040	0.0168	0.0044	11:22:37	Yes
2	0.19	0.19	0.0044	0.0176	0.0047	11:23:09	Yes
Mean:	0.18	0.18	0.0042				
SD :	0.017	0.017	0.0003				
%RSD:	9.3	9.3	6.5141				

Element: Hg Seq. No.: 21 AS Loc.: 18 Date: 07/27/2007
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.09	5.09	0.0838	0.3368	0.0842	11:24:02	Yes
2	5.10	5.10	0.0839	0.3362	0.0843	11:24:34	Yes
Mean:	5.10	5.10	0.0839				
SD :	0.005	0.005	0.0001				
%RSD:							

Element: Hg Seq. No.: 22 AS Loc.: 19 Date: 07/27/2007
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.08	-0.08	-0.0001	0.0008	0.0003	11:25:27	Yes
2	-0.09	-0.09	-0.0001	0.0007	0.0002	11:25:59	Yes
Mean:	-0.08	-0.08	-0.0001				
SD :	0.002	0.002	0.0000				
%RSD:	2.0	2.0	23.6949				

Element: Hg Seq. No.: 23 AS Loc.: 20 Date: 07/27/2007
Sample ID; MB-31387

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.08	-0.08	-0.0001	0.0008	0.0003	11:26:52	Yes
2	-0.09	-0.09	-0.0001	0.0000	0.0002	11:27:24	Yes
Mean:	-0.08	-0.08	-0.0001				
SD :	0.001	0.001	0.0000				
%RSD:	1.7	1.7	18.8664				

Element: Hg Seq. No.: 24 AS Loc.: 21 Date: 07/27/2007
Sample ID: F0936-04B 5x

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.07	4.07	0.0673	0.2645	0.0676	11:28:16	Yes
2	4.06	4.06	0.0671	0.2652	0.0674	11:28:49	Yes
Mean:	4.07	4.07	0.0672				
SD :	0.009	0.009	0.0002				
%RSD:	0.2	0.2	0.2278				

Element: Hg Seq. No.: 25 AS Loc.: 22 Date: 07/27/2007
Sample ID: F0936-07B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.04	4.04	0.0668	0.2703	0.0672	11:29:41	Yes
2	4.03	4.03	0.0666	0.2678	0.0669	11:30:13	Yes
Mean:	4.04	4.04	0.0667				
SD :	0.011	0.011	0.0002				
%RSD:	0.3	0.3	0.2582				

Element: Hg Seq. No.: 26 AS Loc.: 23 Date: 07/27/2007
Sample ID: F0936-08B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	2.70	2.70	0.0450	0.1821	0.0453	11:31:05	Yes
2	2.71	2.71	0.0453	0.1821	0.0456	11:31:37	Yes
Mean:	2.71	2.71	0.0451				
SD :	0.012	0.012	0.0002				
%RSD:	0.4	0.4	0.4305				

Element: Hg Seq. No.: 27 AS Loc.: 24 Date: 07/27/2007
Sample ID: F0936-12B 5x

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.54	4.54	0.0748	0.2959	0.0752	11:32:30	Yes

2	4.56	4.56	0.0751	0.2962	0.0755	11:33:02 Yes
Mean:	4.55	4.55	0.0750			
SD :	0.013	0.013	0.0002			
%RSD:	0.3	0.3	0.2767			

Element: Hg Seq. No.: 28 AS Loc.: 7 Date: 07/27/2007
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.15	5.15	0.0847	0.3387	0.0851	11:33:56	Yes
2	5.15	5.15	0.0847	0.3384	0.0851	11:34:28	Yes
Mean:	5.15	5.15	0.0847				
SD :	0.001	0.001	0.0000				
%RSD:							

QC value within specified limits.

Element: Hg Seq. No.: 29 AS Loc.: 1 Date: 07/27/2007
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	-0.07	-0.07	0.0001	0.0010	0.0004	11:35:23	Yes
2	-0.07	-0.07	0.0001	0.0014	0.0005	11:35:55	Yes
Mean:	-0.07	-0.07	0.0001				
SD :	0.001	0.001	0.0000				
%RSD:	1.2	1.2	16.1347				

QC value within specified limits.

Element: Hg Seq. No.: 30 AS Loc.: 25 Date: 07/27/2007
Sample ID: F0936-12BDUP 5X

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.64	4.64	0.0765	0.3024	0.0769	11:36:50	Yes
2	4.63	4.63	0.0763	0.3019	0.0766	11:37:22	Yes
Mean:	4.63	4.63	0.0764				
SD :	0.010	0.010	0.0002				
%RSD:	0.2	0.2	0.2016				

Element: Hg Seq. No.: 31 AS Loc.: 26 Date: 07/27/2007
Sample ID: F0936-12BMS 5X

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	4.70	4.70	0.0775	0.3063	0.0779	11:38:15	Yes
2	4.70	4.70	0.0775	0.3056	0.0779	11:38:47	Yes
Mean:	4.70	4.70	0.0775				
SD :	0.000	0.000	0.0000				
%RSD:							

Element: Hg Seq. No.: 32 AS Loc.: 27 Date: 07/27/2007
Sample ID: F0936-15B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.10	0.10	0.0029	0.0125	0.0032	11:39:41	Yes
2	0.10	0.10	0.0029	0.0129	0.0032	11:40:13	Yes
Mean:	0.10	0.10	0.0029				
SD :	0.001	0.001	0.0000				
%RSD:	0.7	0.7	0.4001				

Element: Hg Seq. No.: 33 AS Loc.: 28 Date: 07/27/2007
Sample ID: F0936-17B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	1.84	1.84	0.0310	0.1256	0.0314	11:41:06	Yes
2	1.85	1.85	0.0313	0.1267	0.0316	11:41:38	Yes
Mean:	1.84	1.84	0.0311				
SD :	0.011	0.011	0.0002				
%RSD:	0.6	0.6	0.5566				

Element: Hg Seq. No.: 34 AS Loc.: 29 Date: 07/27/2007
Sample ID: F0981-01B 20x

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.33	3.33	0.0553	0.2187	0.0556	11:42:31	Yes
2	3.33	3.33	0.0553	0.2171	0.0557	11:43:03	Yes
Mean:	3.33	3.33	0.0553				
SD :	0.002	0.002	0.0000				
%RSD:							

Element: Hg Seq. No.: 35 AS Loc.: 30 Date: 07/27/2007
Sample ID: F0981-06B

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	3.22	3.22	0.0534	0.2170	0.0538	11:43:56	Yes
2	3.22	3.22	0.0535	0.2168	0.0539	11:44:28	Yes
Mean:	3.22	3.22	0.0535				
SD :	0.005	0.005	0.0001				
%RSD:	0.1	0.1	0.1441				

Element: Hg Seq. No.: 36 AS Loc.: 31 Date: 07/27/2007
Sample ID: CRA

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	0.16	0.16	0.0039	0.0174	0.0043	11:45:20	Yes
2	0.16	0.16	0.0038	0.0154	0.0042	11:45:52	Yes
Mean:	0.16	0.16	0.0039				
SD :	0.004	0.004	0.0001				
%RSD:	2.4	2.4	1.6301				

Element: Hg Seq. No.: 37 AS Loc.: 7 Date: 07/27/2007
Sample ID: CCV

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored
1	5.15	5.15	0.0848	0.3405	0.0852	11:46:45	Yes
2	5.17	5.17	0.0851	0.3391	0.0855	11:47:17	Yes
Mean:	5.16	5.16	0.0850				
SD :	0.013	0.013	0.0002				
%RSD:	0.2	0.2	0.2405				

QC value within specified limits.

Element: Hg Seq. No.: 38 AS Loc.: 1 Date: 07/27/2007
Sample ID: CCB

Repl #	SampleConc µg/L	StndConc µg/L	BlnkCorr Signal	Peak Area	Peak Height	Time	Peak Stored

1	-0.07	-0.07	0.0001	0.0008	0.0005	11:48:12	Yes
2	-0.07	-0.07	0.0002	0.0017	0.0005	11:48:44	Yes
Mean:	-0.07	-0.07	0.0001				
SD :	0.003	0.003	0.0000				
%RSD:	3.8	3.8	32.3548				

QC value within specified limits.

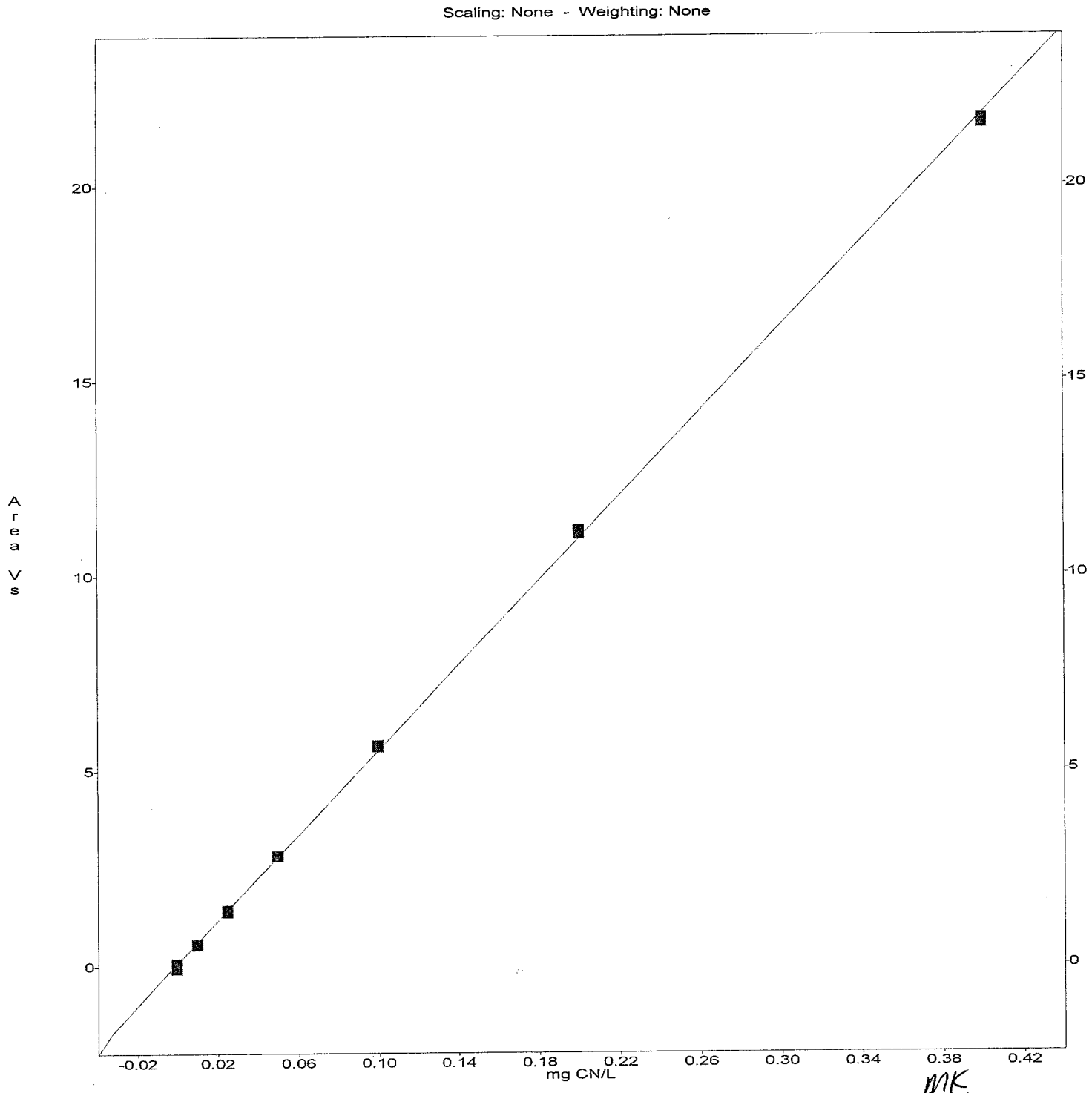
ALMS.2-CN-3 LACHAT1 - 010120H 7/25/2023
SW7.3.3.2-5 LACHAT1 - 070720B

CN

F0981

Lvl	Area	mg CN/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	-57222	0.000	-57222	79811				96896.6	857.9	
2	552138	0.010	552138	563627				8123.9	1.5	13.7
3	1439682	0.025	1439682	1394773				31755.5	2.2	0.2
4	2824770	0.050	2824770	2817703				4997.1	0.2	-0.9
5	5646706	0.100	5646706	5610624				25513.8	0.5	-2.4
6	11155686	0.200	11155686	11067331				62476.4	0.6	-1.9
7	21679504	0.400	21679504	21576924				72535.0	0.3	0.6

1st Order Poly
Conc = 1.840e-008 Area - 1.535e-003
r = 0.9999



Printed: Friday, July 20, 2007 - 01:13 PM

MK 7/26/07

OPERATOR: bveilleux
ACQ. TIME: Jul 20, 2007 10:59:50
DATA FILENAME: C:\OMNION\DATA\CN\JULY07~1.DAT\C070720A.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\JULY07.MET\C070720A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\JULY07.TRA\C070720A.TRA

TRAY DESCRIPTION:
Created: Jul 20, 2007 10:35:07
Modified: Jul 20, 2007 10:35:07
ANALYSIS: CYANIDE ANALYST: BV
DATA DESCRIPTION:
Created: Jul 20, 2007 10:59:50
Modified: Jul 20, 2007 10:59:50

Multi-Channel Table
Type: Calibration Standards
Channel Range: 1 to 8 -- Cup Range: 1 to 30

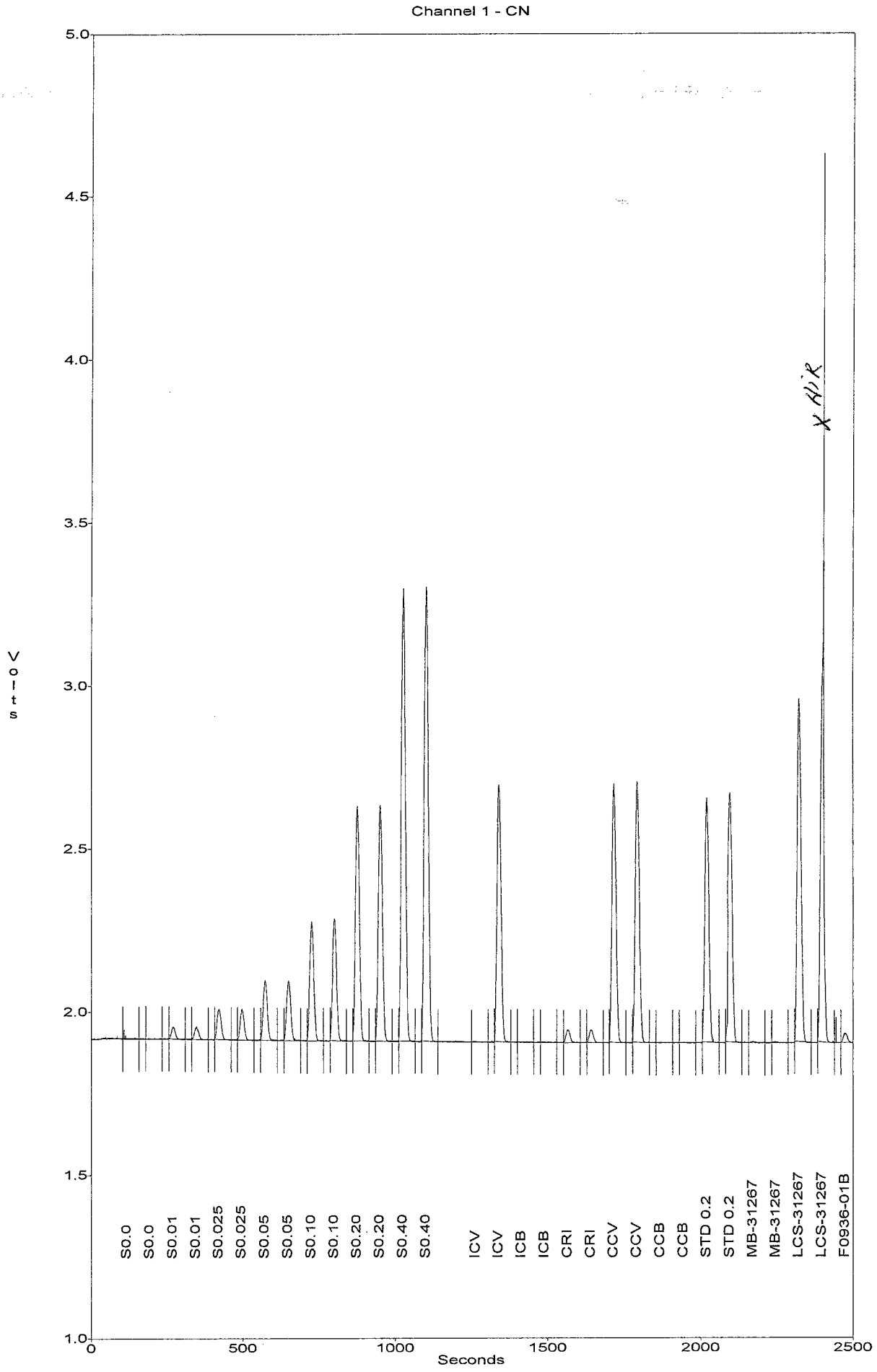
Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CN (uv-s)	Man Dil Factor	Weight	Unit
1	S0.0	20 Jul 2007	11:00:28	2	11294.5273	1.0	1.00000	g
2	S0.01	20 Jul 2007	11:03:00	2	557882.2188	1.0	1.00000	g
3	S0.025	20 Jul 2007	11:05:31	2	1417227.3750	1.0	1.00000	g
4	S0.05	20 Jul 2007	11:08:02	2	2821236.2500	1.0	1.00000	g
5	S0.10	20 Jul 2007	11:10:34	2	5628664.5000	1.0	1.00000	g
6	S0.20	20 Jul 2007	11:13:05	2	11111508.5000	1.0	1.00000	g
7	S0.40	20 Jul 2007	11:15:36	2	21628214.0000	1.0	1.00000	g

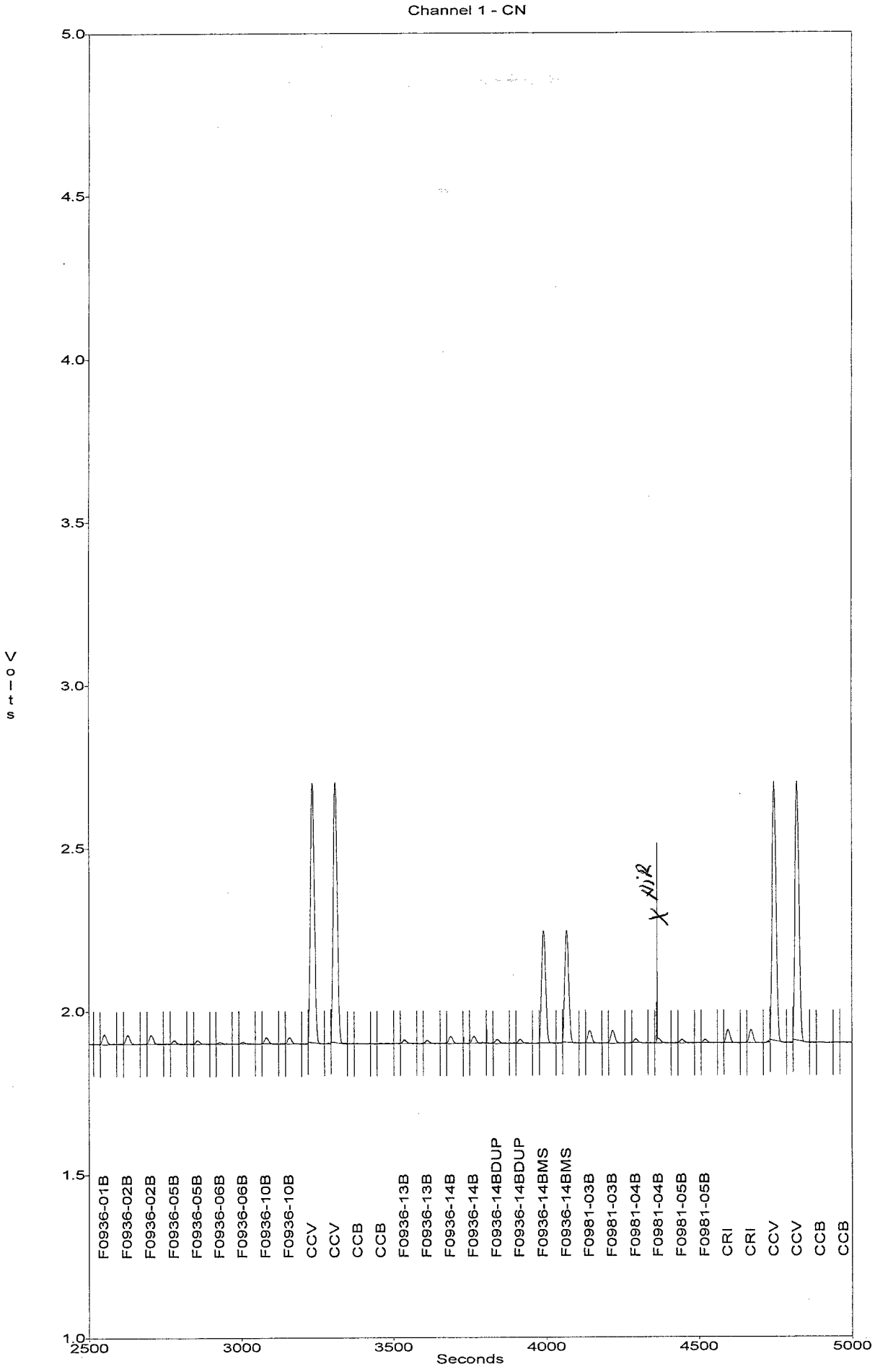
OPERATOR: bveilleux
ACQ. TIME: Jul 20, 2007 10:59:50
DATA FILENAME: C:\OMNION\DATA\CN\JULY07~1.DAT\C070720A.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\JULY07.MET\C070720A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\JULY07.TRA\C070720A.TRA

TRAY DESCRIPTION:
Created: Jul 20, 2007 10:35:07
Modified: Jul 20, 2007 10:35:07
ANALYSIS: CYANIDE ANALYST: BV
DATA DESCRIPTION:
Created: Jul 20, 2007 10:59:50
Modified: Jul 20, 2007 10:59:50

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	20 Jul 2007	11:19:34	2	~~0.1100~~ 0.2213	1.0	1.00000	g	89% Incl rep taken
2	ICB	20 Jul 2007	11:22:05	2	-0.0023	1.0	1.00000	g	
3	CRI	20 Jul 2007	11:24:37	2	0.0099	1.0	1.00000	g	99%
4	CCV	20 Jul 2007	11:27:08	2	0.2233	1.0	1.00000	g	112%
5	CCB	20 Jul 2007	11:29:40	2	-0.0007	1.0	1.00000	g	
6	STD 0.2	20 Jul 2007	11:32:10	2	0.2080	1.0	1.00000	g	104%
7	MB-31267	20 Jul 2007	11:34:43	2	-0.0006	1.0	1.00000	g	
8	LCS-31267	20 Jul 2007	11:37:14	2	0.2925	10.0	1.00000	g	146%
9	F0936-01B	20 Jul 2007	11:39:45	2	0.0066	1.0	1.00000	g	
10	F0936-02B	20 Jul 2007	11:42:17	2	0.0061	1.0	1.00000	g	
11	F0936-05B	20 Jul 2007	11:44:49	2	0.0012	1.0	1.00000	g	
12	F0936-06B	20 Jul 2007	11:47:20	2	-0.0004	1.0	1.00000	g	
13	F0936-10B	20 Jul 2007	11:49:52	2	0.0035	1.0	1.00000	g	
14	CCV	20 Jul 2007	11:52:24	2	0.2213	1.0	1.00000	g	111%
15	CCB	20 Jul 2007	11:54:56	2	-0.0012	1.0	1.00000	g	
16	F0936-13B	20 Jul 2007	11:57:27	2	0.0009	1.0	1.00000	g	
17	F0936-14B	20 Jul 2007	11:59:59	2	0.0042	1.0	1.00000	g	3 RPD=0%
18	F0936-14BDUP	20 Jul 2007	12:02:30	2	0.0017	1.0	1.00000	g	
19	F0936-14BMS	20 Jul 2007	12:05:01	2	0.0932	1.0	1.00000	g	93%
20	F0981-03B	20 Jul 2007	12:07:33	2	0.0089	1.0	1.00000	g	
21	F0981-04B	20 Jul 2007	12:10:05	2	0.0035	1.0	1.00000	g	
22	F0981-05B	20 Jul 2007	12:12:36	2	0.0013	1.0	1.00000	g	
23	CRI	20 Jul 2007	12:15:07	2	0.0092	1.0	1.00000	g	92%
24	CCV	20 Jul 2007	12:17:38	2	0.2186	1.0	1.00000	g	109%
25	CCB	20 Jul 2007	12:20:09	2	-0.0019	1.0	1.00000	g	
26	MB-31268	20 Jul 2007	12:22:41	2	-0.0013	1.0	1.00000	g	
27	LCS-31268	20 Jul 2007	12:25:12	2	-0.0018	1.0	1.00000	g	
28	LCSD-31268	20 Jul 2007	12:27:43	2	0.0022	1.0	1.00000	g	
29	F0979-01B	20 Jul 2007	12:30:15	2	-0.0017	1.0	1.00000	g	
30	F0979-02B	20 Jul 2007	12:32:47	2	-0.0011	1.0	1.00000	g	


Channel 1 - CN
Volts
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
500
1000
1500
2000
2500
Seconds
S0.0
S0.0
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
CRI
CRI
CCV
CCV
CCB
CCB
STD 0.2
STD 0.2
MB-31267
MB-31267
LCS-31267
LCS-31267
F0936-01B


Channel 1 - CN
Volts
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
2500
3000
3500
4000
4500
5000
Seconds
F0936-01B
F0936-02B
F0936-02B
F0936-05B
F0936-05B
F0936-06B
F0936-06B
F0936-10B
F0936-10B
CCV
CCV
CCB
CCB
F0936-13B
F0936-13B
F0936-14B
F0936-14B
F0936-14BDUP
F0936-14BDUP
F0936-14BMS
F0936-14BMS
F0981-03B
F0981-03B
F0981-04B
F0981-04B
F0981-05B
F0981-05B
CRI
CRI
CCV
CCV
CCB
CCB

Creator: bveilleux
Creation Date: Jul 20, 2007 10:35:07
Last Modified: Jul 20, 2007 10:35:07
Description: ANALYSIS: CYANIDE ANALYST: BV

Cup #	Sample ID	Manual Dilution	Sample Type	
1	S0.0	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	CRI	1.0000	Unknown	
4	CCV	1.0000	Unknown	
5	CCB	1.0000	Unknown	
6	STD 0.2	1.0000	Unknown	
7	MB-31267	1.0000	Unknown	
8	LCS-31267	10.0000	Unknown	
9	F0936-01B	1.0000	Unknown	
10	F0936-02B	1.0000	Unknown	
11	F0936-05B	1.0000	Unknown	
12	F0936-06B	1.0000	Unknown	
13	F0936-10B	1.0000	Unknown	
14	CCV	1.0000	Unknown	
15	CCB	1.0000	Unknown	
16	F0936-13B	1.0000	Unknown	
17	F0936-14B	1.0000	Unknown	
18	F0936-14BDUP	1.0000	Unknown	
19	F0936-14BMS	1.0000	Unknown	
20	F0981-03B	1.0000	Unknown	
21	F0981-04B	1.0000	Unknown	
22	F0981-05B	1.0000	Unknown	
23	CRI	1.0000	Unknown	
24	CCV	1.0000	Unknown	
25	CCB	1.0000	Unknown	
26	MB-31268	1.0000	Unknown	
27	LCS-31268	1.0000	Unknown	
28	LCSD-31268	1.0000	Unknown	
29	F0979-01B	1.0000	Unknown	
30	F0979-02B	1.0000	Unknown	
31	IDL-1	1.0000	Unknown	
32	IDL-2	1.0000	Unknown	
33	IDL-3	1.0000	Unknown	
34	CCV	1.0000	Unknown	
35	CCB	1.0000	Unknown	

MITKEM CORPORATION SAMPLE RUN LOG: LACHAT INSTRUMENT

Date: 7/20/07 Analyst: BV

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
1	S0.0	16	F0936-13B	38	IDL-6	52		72	
2	S0.01	17	F0936-14B	39	IDL-7	53		73	
3	S0.025	18	F0936-14BDUP	40	CCV	54		74	
4	S0.05	19	F0936-14BMS	41	CCB	55		75	
5	S0.10	20	F0981-03B	42	SOLVENT	56		76	
6	S0.20	21	F0981-04B	37		57		77	
7	S0.40	22	F0981-05B	38		58		78	
1	ICV	23	CRI	39		59		79	
2	ICB	24	CCV	40		60		80	
3	CRI	25	CCB	41		61		81	
4	CCV	26	MB-31268	42		62		82	
5	CCB	27	LCS-31268	43		63		83	
6	STD 0.2	28	LCSD-31268	44		64		84	
7	MB-31267	29	F0979-01B	45		65		85	
8	LCS-31267	30	F0979-02B	46		66		86	
9	F0936-01B	31	IDL-1	47		67		87	
10	F0936-02B	32	IDL-2	48		68		88	
11	F0936-05B	33	IDL-3	49		69		89	
12	F0936-06B	34	CCV	50		70		90	
13	F0936-10B	35	CCB	51		71		91	
14	CCV	36	IDL-4						
15	CCB	37	IDL-5						

7/20/07 BV

7/20/07 BV

7/20/07 BV

*Report all results in mg/L

DATA FILE NAME C0707202

METHOD FILE NAME

TRAY FILE NAME

REPORT FILE NAME C0707202

Reagent Lots

Pyridine IR0706/903

NaOH IR0707/402

KH2PO4 IR0706/201

Barbituric Acid IR0706/903

Chloramine-T IR07072003

Other

Curve: IWW07072001

CRA: IWW07072003

CCV: IWW07072002

Curve on 7/20/07

m =

b =

r = 0.9999

Reviewed by

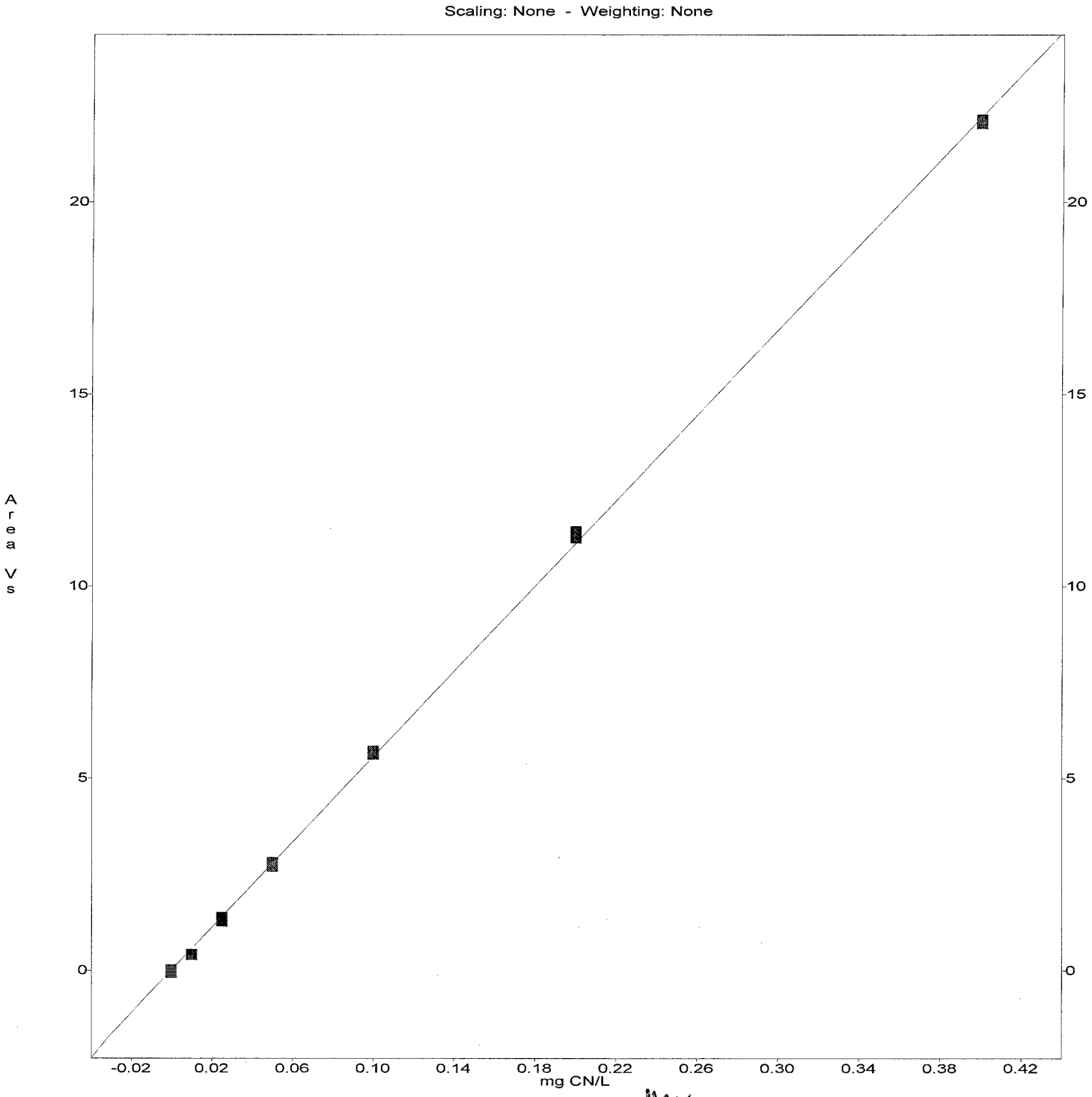
Logbook ID 100.0144-10/06

ILM5.3_CN-S (ACHATI-070731A 7/31/07 JM

CN

Lvl	Area	mg CN/L	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5	Replic STD	Replic % RSD	Residual 1st Poly
1	24063	0.000	24063	-51201				53219.6	-392.2	
2	419079	0.010	419079	423847				3371.4	0.8	28.3
3	1386729	0.025	1386729	1293836				65685.2	4.9	1.6
4	2713902	0.050	2713902	2808514				66900.8	2.4	3.0
5	5707378	0.100	5707378	5632667				52828.7	0.9	-2.4
6	11432177	0.200	11432177	11261850				120439.4	1.1	-2.7
7	22056726	0.400	22056726	22148720				65049.6	0.3	0.8

1st Order Poly
Conc = 1.801e-008 Area - 3.759e-004
r = 0.9998



Printed: Tuesday, July 31, 2007 - 12:07 PM

JMK 8/01/07

1497

OPERATOR: bveilleux
ACQ. TIME: Jul 31, 2007 10:44:44
DATA FILENAME: C:\OMNION\DATA\CN\JULY07~1.DAT\C070731A.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\JULY07.MET\C070731A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\JULY07.TRA\C070731A.TRA

TRAY DESCRIPTION:
Created: Jul 31, 2007 10:29:35
Modified: Jul 31, 2007 10:29:35
ANALYSIS: CYANIDE ANALYST: BV
DATA DESCRIPTION:
Created: Jul 31, 2007 10:44:44
Modified: Jul 31, 2007 10:44:44

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	S0.0	31 Jul 2007	10:44:55	2	-13568.9287	1.0	1.00000	g
2	S0.01	31 Jul 2007	10:47:26	2	421462.8906	1.0	1.00000	g
3	S0.025	31 Jul 2007	10:49:58	2	1340282.5625	1.0	1.00000	g
4	S0.05	31 Jul 2007	10:52:29	2	2761207.7500	1.0	1.00000	g
5	S0.10	31 Jul 2007	10:55:01	2	5670022.0000	1.0	1.00000	g
6	S0.20	31 Jul 2007	10:57:32	2	11347013.5000	1.0	1.00000	g
7	S0.40	31 Jul 2007	11:00:04	2	22102723.0000	1.0	1.00000	g

OPERATOR: bveilleux
ACQ. TIME: Jul 31, 2007 10:44:44
DATA FILENAME: C:\OMNION\DATA\CN\JULY07~1.DAT\C070731A.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\JULY07.MET\C070731A.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\JULY07.TRA\C070731A.TRA

TRAY DESCRIPTION:
Created: Jul 31, 2007 10:29:35
Modified: Jul 31, 2007 10:29:35
ANALYSIS: CYANIDE ANALYST: BV
DATA DESCRIPTION:
Created: Jul 31, 2007 10:44:44
Modified: Jul 31, 2007 10:44:44

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	31 Jul 2007	11:03:33	2	0.2453	1.0	1.00000	g	98%
2	ICB	31 Jul 2007	11:06:04	2	-0.0011	1.0	1.00000	g	
3	CRI	31 Jul 2007	11:08:36	2	0.0105	1.0	1.00000	g	105%
4	CCV	31 Jul 2007	11:11:08	2	0.2165	1.0	1.00000	g	103%
5	CCB	31 Jul 2007	11:13:39	2	-0.0011	1.0	1.00000	g	
6	STD 0.2	31 Jul 2007	11:16:10	2	0.2008	1.0	1.00000	g	100%
7	MB-31448	31 Jul 2007	11:18:41	2	-0.0000	1.0	1.00000	g	
8	LCS-31448	31 Jul 2007	11:21:12	2	0.0093	10.0	1.00000	g	00 run
9	F0981-07B	31 Jul 2007	11:23:44	2	0.0111	1.0	1.00000	g	
10	F0981-08B	31 Jul 2007	11:26:15	2	0.0002	1.0	1.00000	g	
11	F0981-09B	31 Jul 2007	11:28:46	2	0.0016	1.0	1.00000	g	
12	F0981-10B	31 Jul 2007	11:31:18	2	-0.0000	1.0	1.00000	g	
13	F0981-11B	31 Jul 2007	11:33:49	2	0.0006	1.0	1.00000	g	
14	CCV	31 Jul 2007	11:36:20	2	0.2150	1.0	1.00000	g	103%
15	CCB	31 Jul 2007	11:38:52	2	-0.0010	1.0	1.00000	g	
16	F0981-11BDUP	31 Jul 2007	11:41:24	2	0.0027	1.0	1.00000	g	RPD=0%
17	F0981-11BMS	31 Jul 2007	11:43:56	2	0.1047	1.0	1.00000	g	105%
18	F1025-01B	31 Jul 2007	11:46:28	2	0.0007	1.0	1.00000	g	
19	CRI	31 Jul 2007	11:49:00	2	0.0095	1.0	1.00000	g	95%
20	CCV	31 Jul 2007	11:51:31	2	0.2126	1.0	1.00000	g	106%
21	CCB	31 Jul 2007	11:54:01	2	0.0010	1.0	1.00000	g	
22	SOLVENT	31 Jul 2007	11:56:34	2	0.0000	1.0	1.00000	g	

OPERATOR:	bveilleux
ACQ. TIME:	Jul 31, 2007 12:20:49
DATA FILENAME:	C:\OMNION\DATA\CN\JULY07~1.DAT\C070731B.FDT
METHOD FILENAME:	C:\OMNION\METHODS\CN\JULY07.MET\C070731B.MET
TRAY FILENAME:	C:\OMNION\TRAYS\CN\JULY07.TRA\C070731B.TRA
TRAY DESCRIPTION:	
Created:	Jul 31, 2007 12:13:53
Modified:	Jul 31, 2007 12:13:53
ANALYSIS: CYANIDE	ANALYST: BV
DATA DESCRIPTION:	
Created:	Jul 31, 2007 12:20:49
Modified:	Jul 31, 2007 12:20:49

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-31448	31 Jul 2007	12:21:09	2	0.3061	10.0	1.00000	g	153%
2	CCV	31 Jul 2007	12:23:40	2	0.2017	1.0	1.00000	g	101%
3	CCB	31 Jul 2007	12:26:11	2	-0.0001	1.0	1.00000	g	
4	SOLVENT	31 Jul 2007	12:28:43	2	-0.0011	1.0	1.00000	g	

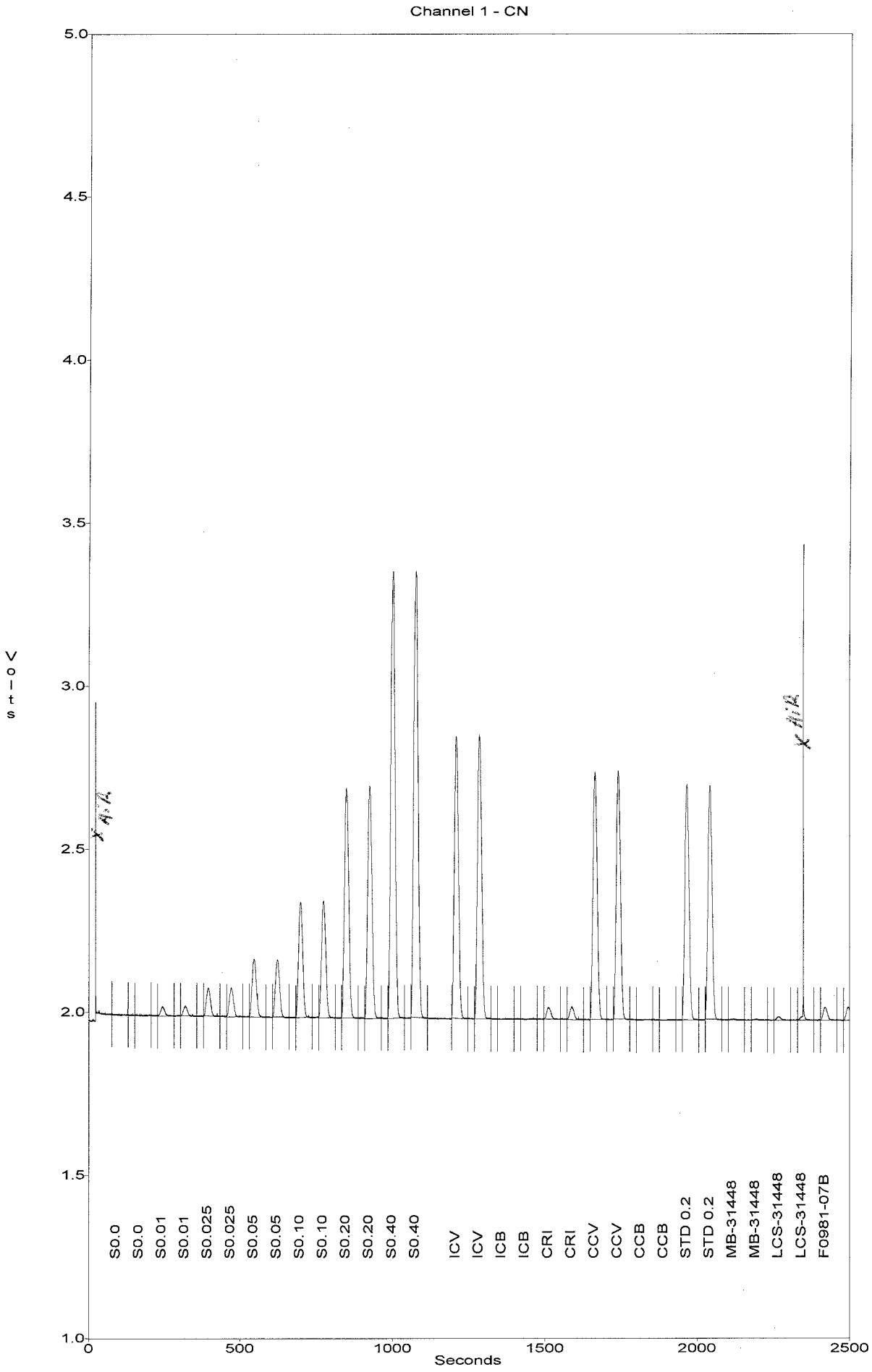
} α - hcw

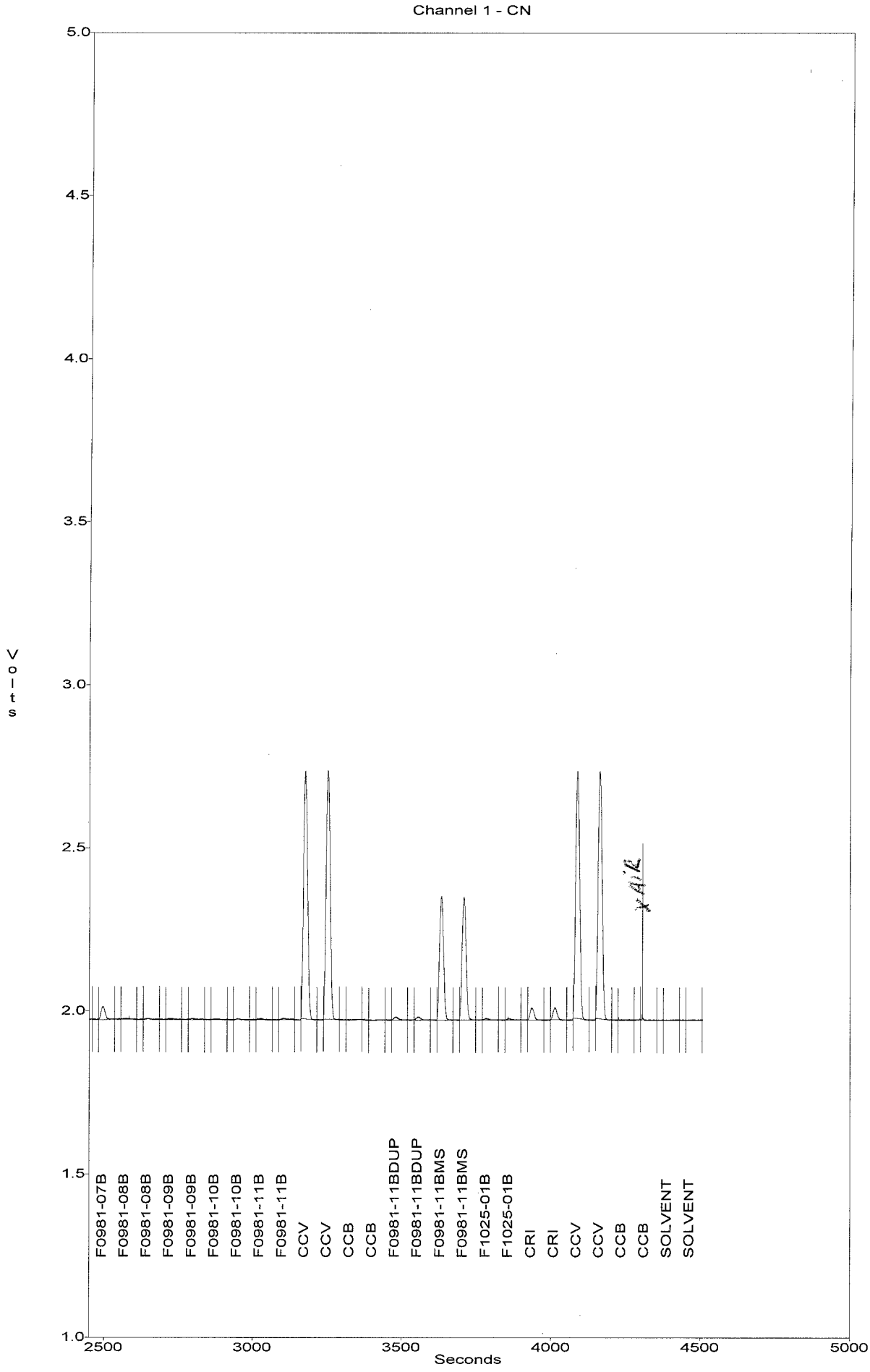
OPERATOR: bveilleux
ACQ. TIME: Jul 31, 2007 15:38:55
DATA FILENAME: C:\OMNION\DATA\CN\JULY07~1.DAT\C070731C.FDT
METHOD FILENAME: C:\OMNION\METHODS\CN\JULY07.MET\C070731C.MET
TRAY FILENAME: C:\OMNION\TRAYS\CN\JULY07.TRA\C070731C.TRA

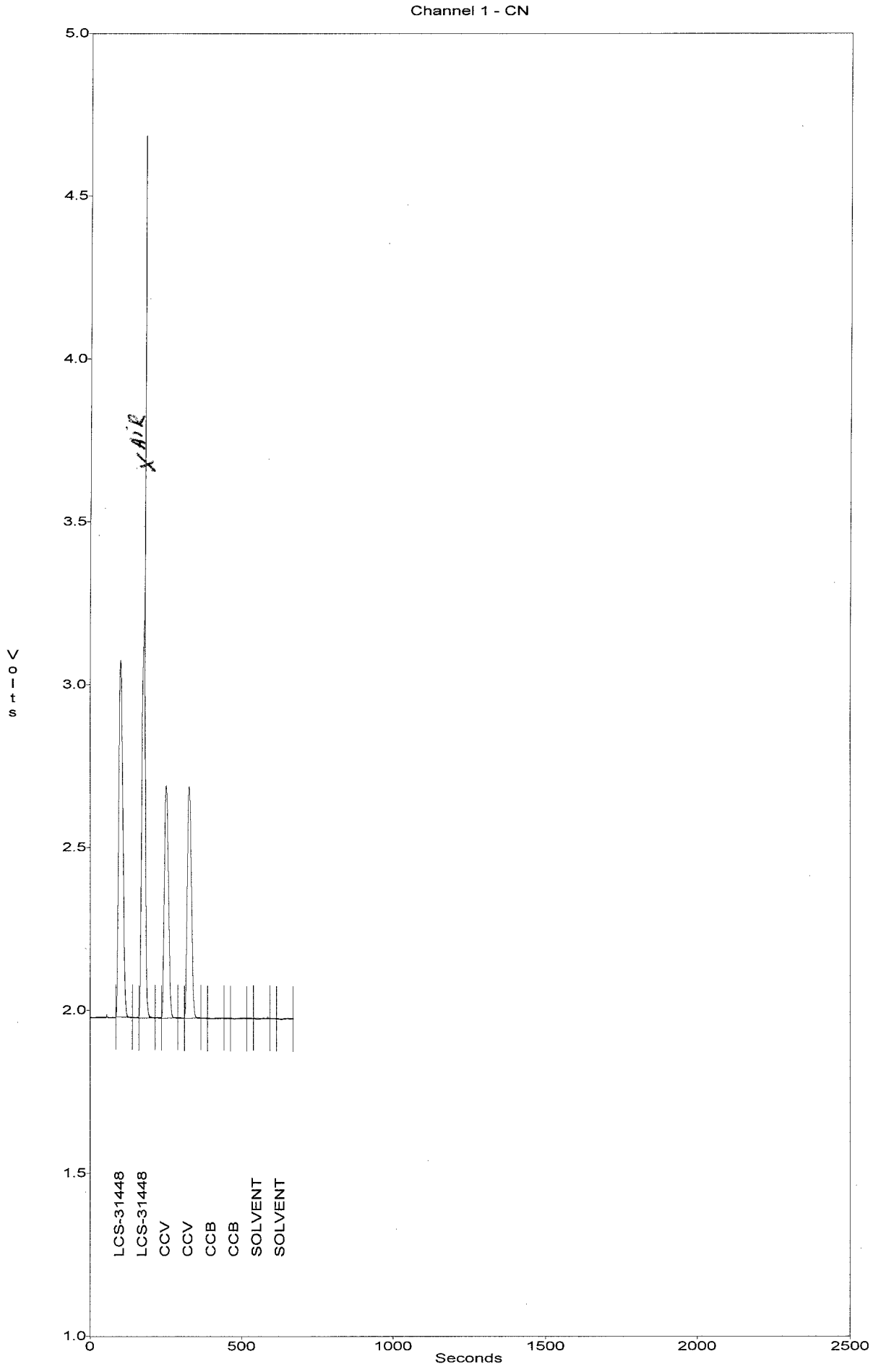
TRAY DESCRIPTION:
Created: Jul 31, 2007 15:35:15
Modified: Jul 31, 2007 15:35:15
ANALYSIS: CYANIDE ANALYST: BV
DATA DESCRIPTION:
Created: Jul 31, 2007 15:38:55
Modified: Jul 31, 2007 15:38:55

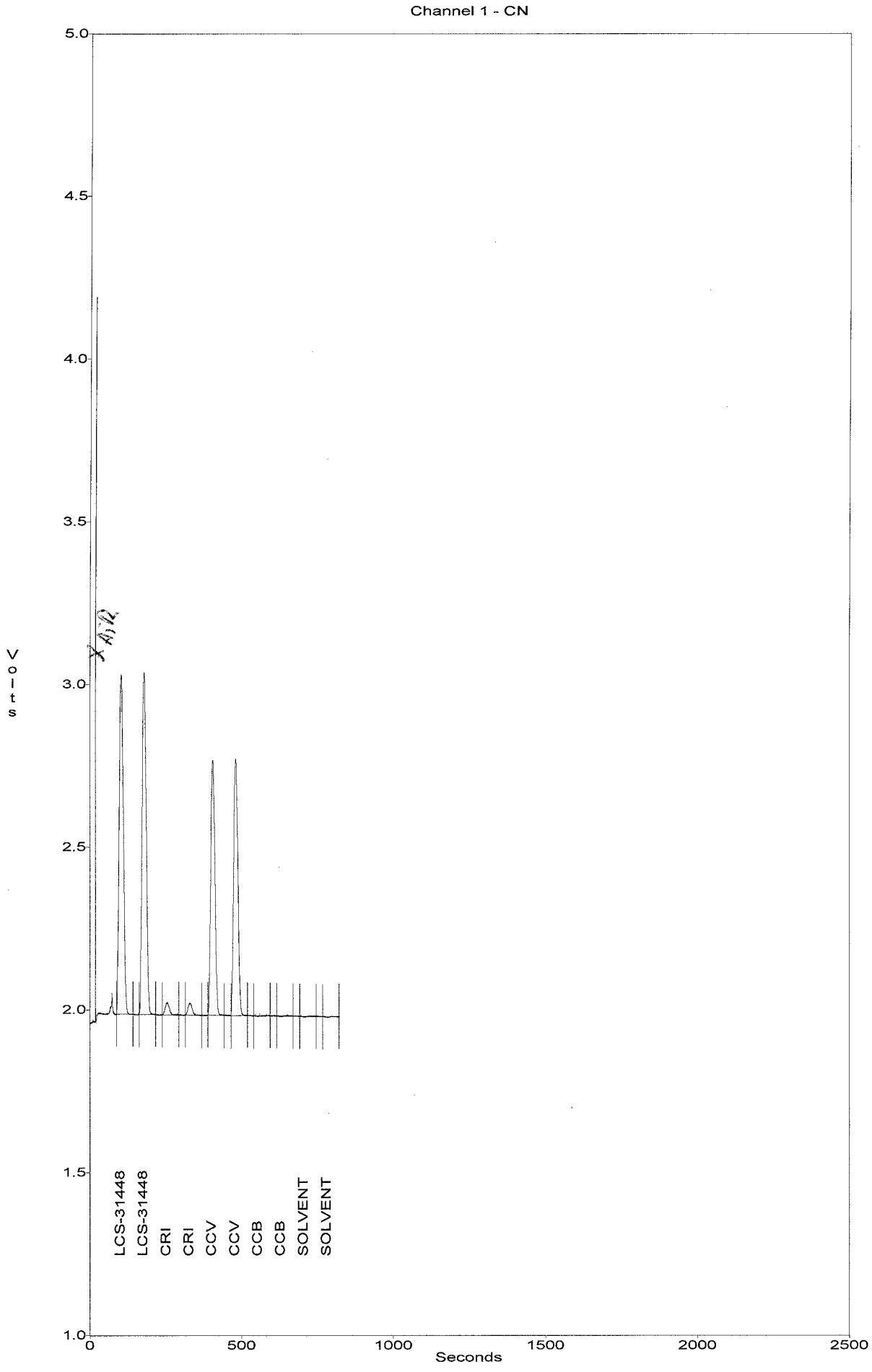
Multi-Channel Table
Type: Unknowns
Channel Range: 1 to 8 -- Cup Range: 1 to 30

Cup	Sample ID	Sampling Date	Sampling Time	# of Reps	CN (mg CN/L)	Man Dil Factor	Weight	Unit	
1	LCS-31448	31 Jul 2007	15:39:16	2	0.2996	10.0	1.00000	g	148%
2	CRI	31 Jul 2007	15:41:48	2	0.0103	1.0	1.00000	g	103%
3	CCV	31 Jul 2007	15:44:19	2	0.2268	1.0	1.00000	g	113%
4	CCB	31 Jul 2007	15:46:50	2	-0.0004	1.0	1.00000	g	
5	SOLVENT	31 Jul 2007	15:49:21	2	-0.0008	1.0	1.00000	g	


Channel 1 - CN
Volts
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0
500
1000
1500
2000
2500
Seconds
S0.0
S0.0
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
CRI
CRI
CCV
CCV
CCB
CCB
STD 0.2
STD 0.2
MB-31448
MB-31448
LCS-31448
LCS-31448
F0981-07B


Channel 1 - CN
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
Volts
2500
3000
3500
4000
4500
5000
Seconds
F0981-07B
F0981-08B
F0981-08B
F0981-09B
F0981-09B
F0981-10B
F0981-10B
F0981-11B
F0981-11B
CCV
CCV
CCB
CCB
F0981-11BDUP
F0981-11BDUP
F0981-11BMS
F0981-11BMS
F1025-01B
F1025-01B
CRI
CRI
CCV
CCV
CCB
CCB
SOLVENT
SOLVENT


Channel 1 - CN
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
Volts
0
500
1000
1500
2000
2500
Seconds
LCS-31448
LCS-31448
CCV
CCV
CCB
CCB
SOLVENT
SOLVENT
XAD2


Channel 1 - CN
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
Volts
0
500
1000
1500
2000
2500
Seconds
LCS-31448
LCS-31448
CRI
CRI
CCV
CCV
CCB
CCB
SOLVENT
SOLVENT

Creator: bveilleux
Creation Date: Jul 31, 2007 10:29:35
Last Modified: Jul 31, 2007 10:29:35
Description: ANALYSIS: CYANIDE ANALYST: BV

Cup #	Sample ID	Manual Dilution	Sample Type	
1	S0.0	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	CRI	1.0000	Unknown	
4	CCV	1.0000	Unknown	
5	CCB	1.0000	Unknown	
6	STD 0.2	1.0000	Unknown	
7	MB-31448	1.0000	Unknown	
8	LCS-31448	10.0000	Unknown	
9	F0981-07B	1.0000	Unknown	
10	F0981-08B	1.0000	Unknown	
11	F0981-09B	1.0000	Unknown	
12	F0981-10B	1.0000	Unknown	
13	F0981-11B	1.0000	Unknown	
14	CCV	1.0000	Unknown	
15	CCB	1.0000	Unknown	
16	F0981-11BDUP	1.0000	Unknown	
17	F0981-11BMS	1.0000	Unknown	
18	F1025-01B	1.0000	Unknown	
19	CRI	1.0000	Unknown	
20	CCV	1.0000	Unknown	
21	CCB	1.0000	Unknown	
22	SOLVENT	1.0000	Unknown	

Creator: bveilleux
Creation Date: Jul 31, 2007 12:13:53
Last Modified: Jul 31, 2007 12:13:53
Description: ANALYSIS: CYANIDE ANALYST: BV

Cup #	Sample ID	Manual Dilution	Sample Type	
1	S0.0	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-31448	10.0000	Unknown	
2	CCV	1.0000	Unknown	
3	CCB	1.0000	Unknown	
4	SOLVENT	1.0000	Unknown	

Creator: bveilleux
Creation Date: Jul 31, 2007 15:35:15
Last Modified: Jul 31, 2007 15:35:15
Description: ANALYSIS: CYANIDE ANALYST: BV

Cup #	Sample ID	Manual Dilution	Sample Type	
1	S0.0	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-31448	10.0000	Unknown	
2	CRI	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: 7/31/07 Analyst: BV

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
1	S0.0	16	F0981-11BDUP	32		52		72	
2	S0.01	17	F0981-11BMS	33		53		73	
3	S0.025	18	F1025-01B	34		54		74	
4	S0.05	19	CRI	35		55		75	
5	S0.10	20	CCV	36		56		76	
6	S0.20	21	CCB	37		57		77	
7	S0.40	22	SOLVENT	38		58		78	
1	ICV	1	LCS-31448	39		59		79	
2	ICB	2	CRI	40		60		80	
3	CRI	3	CCV	41		61		81	
4	CCV	4	CCB	42		62		82	
5	CCB	5	SOLVENT	43		63		83	
6	STD 0.2	23		44		64		84	
7	MB-31448	24		45		65		85	
8	LCS-31448	25		46		66		86	
9	F0981-07B	26		47		67		87	
10	F0981-08B	27		48		68		88	
11	F0981-09B	28		49		69		89	
12	F0981-10B	29		50		70		90	
13	F0981-11B	30		51		71		91	
14	CCV	31							
15	CCB								

7/31/07 BV

7/31/07 BV

7/31/07 BV

7/31/07 BV

*Report all results in mg/L

DATA FILE NAME c070731a,b,c

METHOD FILE NAME

TRAY FILE NAME

REPORT FILE NAME c070731a,b,c

Reagent Lots

Pyridine IR07072004

NaOH IR07072007

KH2PO4 IR07071106

Barbituric Acid IR07072004

Chloramine-T IR07073102

Other

Curve: IWN07073103

CRA: IWN07073105

CCV: IWN07073104

Curve on 7/31/07

m =

b =

r = 0.9998

Logbook ID 100.0144-07/07

Reviewed by

Prep Logbooks

- [x] ICP
- [x] Mercury
- [x] Cyanide
- [x] Percent Solids

ILM 5.3 10:30

MITKEM CORPORATION: Soil/Solid Metals Prep Logbook

981

Date	Sample ID		Client ID	Sample Wt. (g)	Sample Color Before	Texture	1:1 HNO_3 ml	Conc. HNO_3 ml	30% H_2O_2 ml	Conc. HCl ml	Sample Color After	Sample Clarity After	Final Volume ml	Comments	Analyst
7/26/07	MB-31386			1.00	—	—	10	5	10	5	colorless	clear	100		JD
	LCS			1.00	brown	fine					pale yellow	clear	100		
	F0936	01B	OTM1-SB01	1.32	brown	mixed					pale yellow	clear	100		
		02B	ATM1-SB07	1.00	brown	muddy					pale yellow	clear	100		
		05B	OTM1-SB05	1.02	tan	mixed					pale yellow	clear	100		
		06B	OTM1-SB03	1.10	brown	mixed					pale yellow	clear	100		
		10B	OTM1-SB04	1.04	grey	muddy					pale yellow	clear	100		
		13B	OTM1-SB09	1.03	grey	mixed					pale yellow	clear	100		
		14B	OTM1-SB10	1.08	grey	muddy					pale yellow	clear	100		
		14BDUP	OTM1-SB10	1.08	grey	muddy					pale yellow	clear	100		
		14BMS	OTM1-SB10	1.08	grey	muddy					pale yellow	clear	100		
		16B	OTM1-SB11	1.33	tan	muddy					pale yellow	clear	100		
		18B	OTM1-SB08	1.11	brown	mixed					pale yellow	clear	100		
	F0936	20B	OTM1-SB02	1.19	grey	mixed					pale yellow	clear	100		
	F0981	03B	OTM1-SB06	1.45	brown	mixed					pale yellow	clear	100		
	F0981	04B	OTM1-SB12	1.58	brown	mixed					pale yellow	clear	100		
26/07	F0981	05B	OTM1-SB12D	1.26	brown	mixed	10	5	10	5	pale yellow	clear	100		JD

HCl Lot# 4106110

HNO3 Lot# 1106070

H2O2 Lot# 062283

Method: ILM 5.3

SOP#: 100.0101

Digestion Temp: 95 oC

LCS/Spike Lot No.: I070410A / I070510A, I070122I, I070122J } 200uL

RELINQUISHED TO: JPW 7/26/07

Reviewed By: _____

Logbook ID 100.0124-07/07

ILM 5.3

MITKEM CORPORATION: Soil/Solid Metals Prep Logbook 981

Date	Sample ID		Client ID	Sample Wt. (g)	Sample Color Before	Texture	1:1 HNO_3 ml	Conc. HNO_3 ml	30% H_2O_2 ml	Conc. HCl ml	Sample Color After	Sample Clarity After	Final Volume ml	Comments	Analyst
7/26/07	F0981	07B	OTMI-MW-BR07	1.05	brown	mixed	10	5	10	5	pale yellow	clear	100		JD
		08B	OTMI-MW-BR09	1.02	brown	mixed					pale yellow	clear	100		
		09B	OTMI-MW-BR09	1.19	tan	muddy					pale yellow	clear	100		
		10B	OTMI-MW-BR10	1.40	grey	mixed					pale yellow	clear	100		
7/26/07	F0981	11B	OTMI-MW-BR12	1.10	brown	mixed	10	5	10	5	pale yellow	clear	100		JD
7/26/07	F0981	11B DUP	OTMI-MW-BR12	1.10	brown	mixed	10	5	10	5	pale yellow	clear	100		JD
7/26/07	F0981	11B MS	OTMI-MW-BR12	1.10	brown	mixed	10	5	10	5	pale yellow	clear	100		JD

JD 7/26/07

HCl Lot# 4106110
HNO3 Lot# 1106070
H2O2 Lot# 062283

Method: ILM 5.3
SOP#: 100.0101

Digestion Temp: 95 oC
LCS/Spike Lot No.: I070501A, I070122I, I070122S } 200uL / I070410A

RELINQUISHED TO: JDW 7/26/07

Reviewed By: _____

Logbook ID 100.0124-07/07

ILM 5.3 9:30 **MITKEM CORPORATION: Aqueous Metals Preparation Logbook** 981

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
7/26/07	MB-31385			50	–	colorless	clear	0.5	2.5	–	colorless	clear	50		JD
	LCS			50	–	colorless	clear				colorless	clear	50		
	F0936	04B	OTM1-SB07	50	<2	grey	cloudy				brown	cloudy	50		
		07B	OTM1-SB10W	50	<2	brown	cloudy				brown	cloudy	50		
		08B	OTM1-SB11W	50	<2	brown	cloudy				brown	cloudy	50		
		12B	OTM1-SB04U	50	<2	grey	cloudy				grey	cloudy	50		
		12BDUP	OTM1-SB04U	50	<2	grey	cloudy				grey	cloudy	50		
		12BMS	OTM1-SB04U	50	<2	grey	cloudy				grey	cloudy	50		
		15B	OTM1-SB03	50	<2	brown	cloudy				colorless	clear	50		
	F0936	17B	OTM1-SB03D	50	<2	yellow	cloudy				grey	cloudy	50		
	F0981	01B	OTM1-SB02W	50	<2	grey	cloudy				grey	cloudy	50		
7/26/07	F0981	06B	OTM1-SB12W	50	<2	brown	cloudy	0.5	2.5	–	grey	cloudy	50		JD
							JD 7/26/07								

HCl Lot# 4106110
HNO3 Lot# 1106070

Method: ILM 5.3

Digestion Temp: 95 oC

LCSS/Spike ID: I070328C-450uL / I070501A } 50uL
I060925E } 45uL / I070122I } 50uL
I060925F } / I070122J } 50uL

SOP#: 100.0040

Digestate Relinquished to: JDW 7/26/07

Logbook ID 100.0125 -07/07

REVIEWED BY: _____

ILM 5.3 Hg

MITKEM CORPORATION: Mercury Digestion Logbook

981

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
7/26/07	238	S0.0-31387			100	5	2.5	15	8	—	100		JD
	336 *	S0.2			0.04/100						100	II070713A	
	242	S1.0			0.2/100						100		
	329Δ	S2.0			0.4/100						100		
	262	S5.0			1.0/100						100		
	246	S10.0			2.0/100						100	II070713A	
	7P	ICV			1.0/100						100	II070702A	
	315C	MB			100						100		
	3230	F0936	04B	OTM1-SB07	100						100		
	12		07B	OTM1-SB03	100						100		
	319		08B	OTM1-SB03/D	100						100		
	231		12B	OTM1-SB04U	100						100		
	255		12BDUP	OTM1-SB04U	100						100		
	129N		12BMS	OTM1-SB04U	100						100		
	7TT		15B	OTM1-SB10W	100						100		
7/26/07	22B	F0936	17B	OTM1-SB11W	100	5	2.5	15	8	—	100		JD

Waters
In: 11:00
Out: 13:00
Matrix: Aqueous

Soils
In: N/A Out:
In: Out:
Matrix: Soil/Solid

LCSS ID —
LCSS volume: —
Spike ID II070713A
Spike volume: 200ul

Temp: 95 °C
H_2SO_4 Lot # 3106120
HNO_3 Lot # 1106070
HCl Lot # —
KMnO4 ID # IR07072403
K2S2O8 ID# IR07071105
Method # ILM5.3

RELINQUISHED TO: 7/26/07

Reviewed by:

Logbook ID: 100.0128 - 07/07

ILM 5.3 dg

MITKEM CORPORATION: Mercury Digestion Logbook

981

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
7/26/07	325	F0981	01B	OTMI-SB02W	100	5	2.5	15	8	–	100		JD
7/26/07	22WI	F0981	06B	OTMI-SB12W	100	5	2.5	15	8	–	100		JD

JD 7/26/07

Waters
In: 11:00
Out: 13:00
Matrix: Aqueous

Soils
In: N/A Out:
In: Out:
Matrix: Soil/Solid

LCSS ID –
LCSS volume: –
Spike ID IE070713A
Spike volume: 200uL

Temp: 95 °C
H_2SO_4 Lot # 3106120
HNO_3 Lot # 1106070
HCl Lot # –
KMnO4 ID # IR07072403
K2S2O8 ID# IR0707 1105
Method # ILM 5.3

RELINQUISHED TO: 7/26/07

Reviewed by:

Logbook ID: 100.0128 - 07/07

ILM 5.3 soil

MITKEM CORPORATION: Mercury Digestion Logbook

981

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
7/26/07	319 ☆	S0.0			100	5	2.5	15	8	–	100		JD
	317 ☆	S0.2			0.04/100						100	II070713A	
	14F2	S1.0			0.0/100						100		
	335A	S2.0			0.4/100						100		
	313R	S5.0			1.0/100						100		
	322 ☆	S10.0			2.0/100						100	II070713A	
	328	ICV			1.0/100						100	II070702A	
	327 ☆	MB -31388			0.2						100		
	320 ☆	LCS			0.2						100		
	132N	F0936	01B	OTM1-SB01	0.21						100		
	92XY		02B	OTM1-SB07	0.21						100		
	335 ☆		05B	OTM1-SB05	0.21						100		
	327		06B	OTM1-SB03	0.21						100		
	252		10B	OTM1-SB04	0.25						100		
	323A		13B	OTM1-SB09	0.24						100		
7/26/07	257	F0936	14B	OTM1-SB10	0.23	5	2.5	15	8	–	100		JP

Waters
In: N/A
Out:
Matrix: Aqueous

Soils
In: 12:50 Out: 12:52
In: 1300 Out: 13 30
Matrix: Soil/Solid

LCSS ID I070410 A
LCSS volume: –
Spike ID ~~II070702B~~
Spike volume: ~~1ml~~
JD 7/26/07

Temp: 95 °C
H_2SO_4 Lot # 3106120
HNO_3 Lot # 1106070
HCl Lot # –
KMnO4 ID # IR0707&403
K2S2O8 ID# IR0707 1105
Method # ILM 5.3

RELINQUISHED TO:

Reviewed by:

II070713A
200ul

Logbook ID: 100.0128 - 07/07

ILM 5.3 Soil

MITKEM CORPORATION: Mercury Digestion Logbook

9981

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
7/26/07	257	F0986	14B	OTMI-SB10	0.23	5	2.5	15	8	—	100	see page #09	JD
	321		14B DUP	OTMI-SB10	0.23						100		
	197		14B MS	OTMI-SB10	0.23						100		
	327W		16B	OTMI-SB11	0.24						100		
	10W		18B	OTMI-SB08	0.24						100		
	313A	F0936	20B	OTMI-SB02	0.25						100		
	322R	F0981	03B	OTMI-SB06	0.22						100		
	97		04B	OTMI-SB12	0.22						100		
	232		05B	OTMI-SB12/D	0.20						100		
	336A		07B	OTMI-MW-BR07	0.20						100		
	319M		08B	OTMI-MW-BR09	0.21						100		
	196		09B	OTMI-MW-BR09	0.25						100		
	251		10B	OTMI-MW-BR10	0.21						100		
	322		11B	OTMI-MW-BR12	0.20						100		
	321 ★		11B DUP	OTMI-MW-BR12	0.20						100		
7/26/07	253	F0981	11B MS	OTMI-MWBR12	0.20	5	2.5	15	8	—	100		JP

Waters
In: N/A
Out:
Matrix: Aqueous

Soils
In: 12:50 Out: 12:52
In: 13:00 Out: 13:30
Matrix: Soil/Solid

Temp: 95 °C

LCSS ID: I070410A
LCSS volume: —
Spike ID: ~~II070702~~ 7/26/07
Spike volume: 200ul
I070713A

H_2SO_4 Lot #: 3106120
HNO_3 Lot #: 1106070
HCl Lot #: —
KMnO4 ID #: IR0707 2403
K2S2O8 ID#: IR0707 1105
Method #: ILM 5.3

RELINQUISHED TO: 7/26/07

Reviewed by:

MITKEM CORPORATION: CYANIDE DISTILLATION LOGBOOK

Date: 7/30/07 Time On: 9:20/11:55 Time Off: 11:20/13:55 Analyst: RV

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 0.20		50								50
3	MB-31448		50								50
4	LCS-31448		1.01								50
5	F0981	07B	1.07								50
6		08B	1.09								50
7		09B	1.07								50
8		10B	1.11								50
9		11B	1.06								50
10		11BDup	1.06								50
1	F0981	11BMS	1.06								50
2	F1025	01B	1.13	-	N	-	N	0.5	5	2	50
3											50
4											50
5					7/30/07 RV						50
6											50
7											50
8											50
9											50
10											50

Sulfamic Acid: IR07040401

Na_2AsO_2: —

H_2SO_4: IR07071208

Logbook ID: 100.0169-03/07

$MgCl_2$: IR07072002

Cad. Carbonate: —

Temp: 125°C

Reviewed By: _____

LCS ID: IWP060821F

LCS volume: 1.00g.

Spike ID: IWI07070501

Spike volume: 500ml

ICV ID: IWW07072301

Std.0.2: IWW07071901

1516

MITKEM CORPORATION: CYANIDE DISTILLATION LOGBOOK

Date: 7/19/07 **Time On:** 9:20/12:00 **Time Off:** 11:20/14:00 **Analyst:** BV

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	—	W	—	W	0.5	5	2	50
2	Std. 0.20		50								50
3	MB-31267		50								50
4	LCS-31267		1.00								50
5	F0936	01B	1.18								50
6		02B	1.14								50
7		05B	1.22								50
8		06B	1.12								50
9		10B	1.19								50
10		13B	1.16								50
1		14B	1.14								50
2		14BDUP	1.14								50
3	F0936	14BMS	1.14								50
4	F0981	03B	1.10								50
5	F0981	04B	1.17								50
6	F0981	05B	1.10	—	W	—	W	0.5	5	2	50
7											50
8				7/19/07 BV							50
9											50
10											50

Sulfamic Acid: IR0704040401

Na_2AsO_2: —

H_2SO_4: IR0706/203

Logbook ID: 100.0169-03/07

$MgCl_2$: IR0705040101

Cad. Carbonate: —

Temp: 125°C

LCS ID: IWP060821F

LCS volume: 1.00gr. 1 BV

Spike ID: IWI0707050R 7/19/07

Spike volume: 500ml

ICV ID: IWW0707120i

Std.0.2: IWW0707190i

Reviewed By: _____

1519

Percent Moisture and Percent Solids Report

Mitkem Sample ID	*Client Sample ID*	*Analyzed*	*Percent Moisture*	*Percent Solids*	*Validated*
F0981-03A	*OTMI-SB06*	07/31/2007	13	87	Yes
F0981-04A	*OTMI-SB12*	07/31/2007	12	88	Yes
F0981-05A	*OTMI-SB12/D*	07/31/2007	12	88	Yes
F0981-07A	*OTMI-MW-BR07*	07/31/2007	18	82	Yes
F0981-08A	*OTMI-MW-BR09A*	07/31/2007	10	90	Yes
F0981-09A	*OTMI-MW-BR09B*	07/31/2007	15	85	Yes
F0981-10A	*OTMI-MW-BR10*	07/31/2007	16	84	Yes
F0981-11A	*OTMI-MW-BR12*	07/31/2007	14	86	Yes

Last Page of Data Report