

**Groundwater Monitoring, April 2008
Scrap Metal Recycling Facilities Permit
Chapter 31, Portland City Code §31-1 et. Seq.
E. Perry Iron & Metal Co.
Portland, Maine**

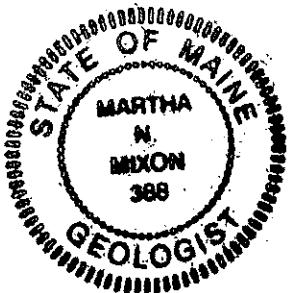
Prepared for:

E. Perry Iron & Metal Co.
115 Lancaster Street
Portland, Maine 04101

Prepared by:

Acadia Environmental Technology
48 Free Street
Portland, Maine 04101

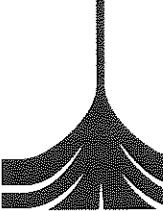
June 19, 2008



Martha N. Mixon

Martha N. Mixon
Senior Geologist

Mark T. Arienti
Senior Environmental Engineer



ACADIA
ENVIRONMENTAL TECHNOLOGY

June 19, 2008

Rick Knowland, Senior Planner
Planning & Development Department
City of Portland
389 Congress Street
Portland, Maine 04101

Re: Groundwater Monitoring, April 16-17, 2008
Scrap Metal Recycling Facilities Permit
E. Perry Iron & Metal Co.
Portland, Maine

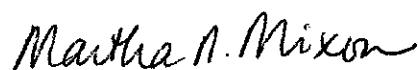
Dear Mr. Knowland:

Acadia Environmental Technology (Acadia) has prepared the enclosed report to document the results of groundwater monitoring at the E. Perry Iron & Metal Co. (E. Perry) on April 16 and 17, 2008. This work was done to meet the annual groundwater monitoring requirement required under the City of Portland's Code, Chapter 31, Portland City Code §31-1 et. Seq. regulating Scrap Metal Recycling Facilities, and rules promulgated under that ordinance. An application for a permit for E. Perry's facility was recently submitted to the City of Portland.

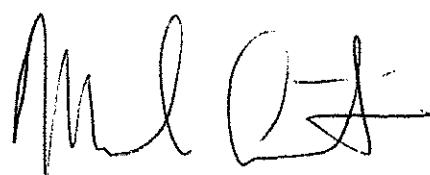
Please let me know if additional copies of the report are needed and if so, how many you require.

Please do not hesitate to contact us to discuss the groundwater monitoring results or any aspect of the report. Thank you.

Sincerely,



Martha N. Mixon
Senior Geologist



Mark T. Arienti
Senior Environmental Engineer

Encl.

Introduction

At the request of the E. Perry Iron & Metal Co., Inc. (E. Perry) Acadia Environmental Technology (Acadia) conducted groundwater monitoring at its scrap metal recycling facilities located on Lancaster and Somerset Streets in the Bayside area of Portland, Maine. This work was done according to a work plan dated February 29, 2008 and modified by a letter dated April 7, 2008. This work was designed to meet the requirements for annual testing of groundwater (Rule #8 (a)) under the Scrap Metal Recycling Facility Rules (Rules) promulgated by the City of Portland (City) under Chapter 31, Scrap Metal Recycling Facilities, Revised July 19, 2006, of its Code of Ordinances.

Scope of Work:

The scope of work for groundwater monitoring to meet the City's annual testing requirement under Rule 8 (a) for Scrap Metal Recycling Facilities was as follows:

- Selection of monitoring well locations and preparation of a work plan,
- City approval of monitoring well locations,
- Groundwater monitoring by low-flow methods,
- Laboratory analysis of groundwater samples for VOCs, SVOCs, PCBs, metals: arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, nickel, zinc, copper and antimony, diesel range organics (DRO), and gasoline range organics (GRO), and
- Preparation of a report documenting the monitoring results.

Methodology

Monitoring Well Location Selection, City Approval

Monitoring wells which were previously installed for the Brownfields Assessment were used for the annual groundwater monitoring requirement. During a site reconnaissance on February 12, 2008, monitoring wells at the Lancaster and Somerset Street properties were located, opened and inspected to see if they were in good condition for groundwater monitoring. Three wells were selected at each property based on their locations in principal outdoor work areas as specified by the Rule, and the condition of the monitoring well. The selected locations were indicated in a work plan dated February 29, 2008. According to a request from the City's consultant, John Tewhey, one of the locations was modified. This is documented in a letter dated April 7, 2008 (see Appendix B, Supporting Documentation). The selected locations are indicated on Figures 1 and 2 in Appendix A. They include MW-3, MW-5 and MW-7 at Lancaster Street, and MW-A, MW-B and MW-C at Somerset Street. The criteria for selection included past exceedances of MEGs, location in principal outdoor work areas, and condition of the well.

Groundwater Monitoring

Groundwater monitoring was completed according to the Maine Department of Environmental Protection's (MEDEP) Standard Operating Procedure DR#003 (SOP DR003), titled *Groundwater Sampling Using Low Flow Purging and Sampling Protocol*, which is an updated version of the 1996 SOP protocol specified in Rule #8(a).

All wells were redeveloped using a peristaltic pump and surging technique two days prior to commencement of sampling. The redevelopment of monitoring wells is required for wells that have not been sampled for two years or more, according to SOP DR003.

At the commencement of sampling, static groundwater levels were measured with a Heron Dipper-T water level meter to the nearest 0.01 foot from the top of casing. Dedicated tubing was installed in each well prior to sampling. The depth of the intake was within the screened interval within 3 to 5 feet of the bottom of the well. A peristaltic pump was used to purge the wells. The pumping rate was adjusted so that water levels did not draw down significantly during purging and sampling. A YSI600XL flow cell was used to monitor field parameters during low flow purging. Field parameters included temperature, specific conductance, pH, dissolved oxygen, oxidation-reduction potential and turbidity. Samples were collected when field parameters stabilized to within 10 percent of the prior reading for 3 consecutive readings taken at three to five minute intervals.

For one well where the minimum achievable pumping rate (approximately 100 milliliters per minute, mL/min) produced significant water level drawdown, the No-Purge Option of SOP DR003 was used. In the No-Purge Option water is collected from the screened zone of the well using a low pumping rate. Water in the screened zone is assumed to be in equilibrium with water in the water in the soil.

Groundwater samples were placed into laboratory-supplied containers with preservatives as specified by each analytical method, and stored on ice. Chain of custody documentation was maintained.

Laboratory Analysis of Groundwater Samples

Groundwater samples were submitted to Katahdin Analytical Services located in Scarborough, Maine for analysis of the parameters specified by Rule 3 (c). These include the following: VOCs (EPA Method 8260B), SVOCs (EPA Method 8270), PCBs (EPA Method 8082), metals (EPA method 6010 or 7000 series: arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, nickel, zinc, copper and antimony), DRO (Maine Health and Environmental Testing Laboratory, HETL, Method 4.1.25) and GRO (Maine HETL Method 4.2.17). This list differs from the list done for the Brownfields Assessment. The Brownfields Assessment analytical list did not include DRO and GRO, and included additional metals (aluminum, beryllium, calcium, cobalt, iron, magnesium, manganese, nickel, potassium, sodium, thallium, vanadium). Laboratory data were compared to the Maine Department of Health and Human Services (MEDHS) list of Maximum Exposure Guidelines (MEGs) for drinking water, to the MEDEP's *Procedural Guidelines for Establishing Action Levels and Remediation Goals for the Remediation of Oil-Contaminated Soil and Groundwater in Maine, March 13, 2000 (Procedural Guidelines)*, as specified by the City's Rule.

Results

Hydrogeology

Static groundwater levels were measured prior to sampling each well. At the Lancaster Street property static groundwater levels ranged from 4.37 to 4.50 feet below ground surface on April 17, 2008. At the Somerset Street property static water groundwater levels ranged from 3.49 to 6.21 feet below ground surface on April 16, 2008. These data are shown in Table 1 in Appendix A.

Top of casing elevations are not available at the site for calculation of groundwater table elevations. Ground surface elevations vary by less than +/- 1 foot across each property. The horizontal groundwater gradient appears to be towards the north and Back Cove. Regional topography also suggests a gradient towards the north.

Groundwater Quality

Groundwater quality data is summarized in Table 2, Summary of Detected Analytes in Groundwater, Appendix A. The full laboratory report is in Appendix C. Locations of monitoring wells are shown on Figures 1 and 2 in Appendix A. At the Lancaster Street property the wells monitored were MW-3, MW-5, and MW-7. At the Somerset Street property MW-A, MW-B and MW-C were monitored.

Field parameters monitored during low flow sampling are shown on the field records in Appendix B. All but one monitoring well had adequate recharge for low flow sampling. The No Purge Option in the MEDEP SOP was used for MW-C (Somerset Street) due to low recharge rates. The groundwater pH at time of sampling ranged from 6.25 to 6.83. Dissolved oxygen ranged from 0.50 to 6.26. Turbidity was less than 2 ntu for all wells. Filtration of groundwater for metals analysis was not required because of the low turbidity values.

The following is a list of laboratory analyses which show concentrations that exceeded the MEGs (drinking water standards) in April 2008.

Lancaster Street

MW-3

DRO	320 µg/L	(MEG = 50 µg/L)
antimony	4.7B µg/L	(MEG = 3 µg/L)
lead	24 µg/L	(MEG = 10 µg/L)

MW-5

DRO	1100 µg/L	(MEG = 50 µg/L)
arsenic	57.8 µg/L	(MEG = 10 µg/L)

MW-7

DRO	15000 µg/L	(MEG = 50 µg/L)
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Somerset Street

MW-A

DRO	1000 µg/L	(MEG = 50 µg/L)
antimony	3.9B µg/L	(MEG = 3 µg/L)

MW-B

DRO	240 µg/L	(MEG = 50 µg/L)
cadmium	4.1B µg/L	(MEG = 3.5 µg/L)

MW-C

MtBE	81 µg/L	(MEG = 35 µg/L)
DRO	460 µg/L	(MEG = 50 µg/L)
GRO	54 µg/L	(MEG = 50 µg/L)
antimony	13.3 µg/L	(MEG = 3 µg/L)

Conclusions

DRO exceeded the drinking water standard in all wells tested. GRO, MtBE, antimony, arsenic, cadmium, and lead exceeded the drinking water standard in one or more wells. The concentrations encountered are typical of urban areas with a long history of development and industrial activity. Groundwater is not in use as drinking water in the site vicinity and the site is not located on a significant sand and gravel aquifer that would be suitable for drinking water supply.

Please do not hesitate to let us know if you have any questions on the groundwater monitoring results. Thank you.

Sincerely,

Martha N. Mixon

Senior Geologist

Mark T. Arienti

Senior Environmental Engineer

Appendix A: Figures and Tables

Groundwater Monitoring, April 2008
Scrap Metal Recycling Facilities Permit
Chapter 31, Portland City Code §31-1 et. Seq.
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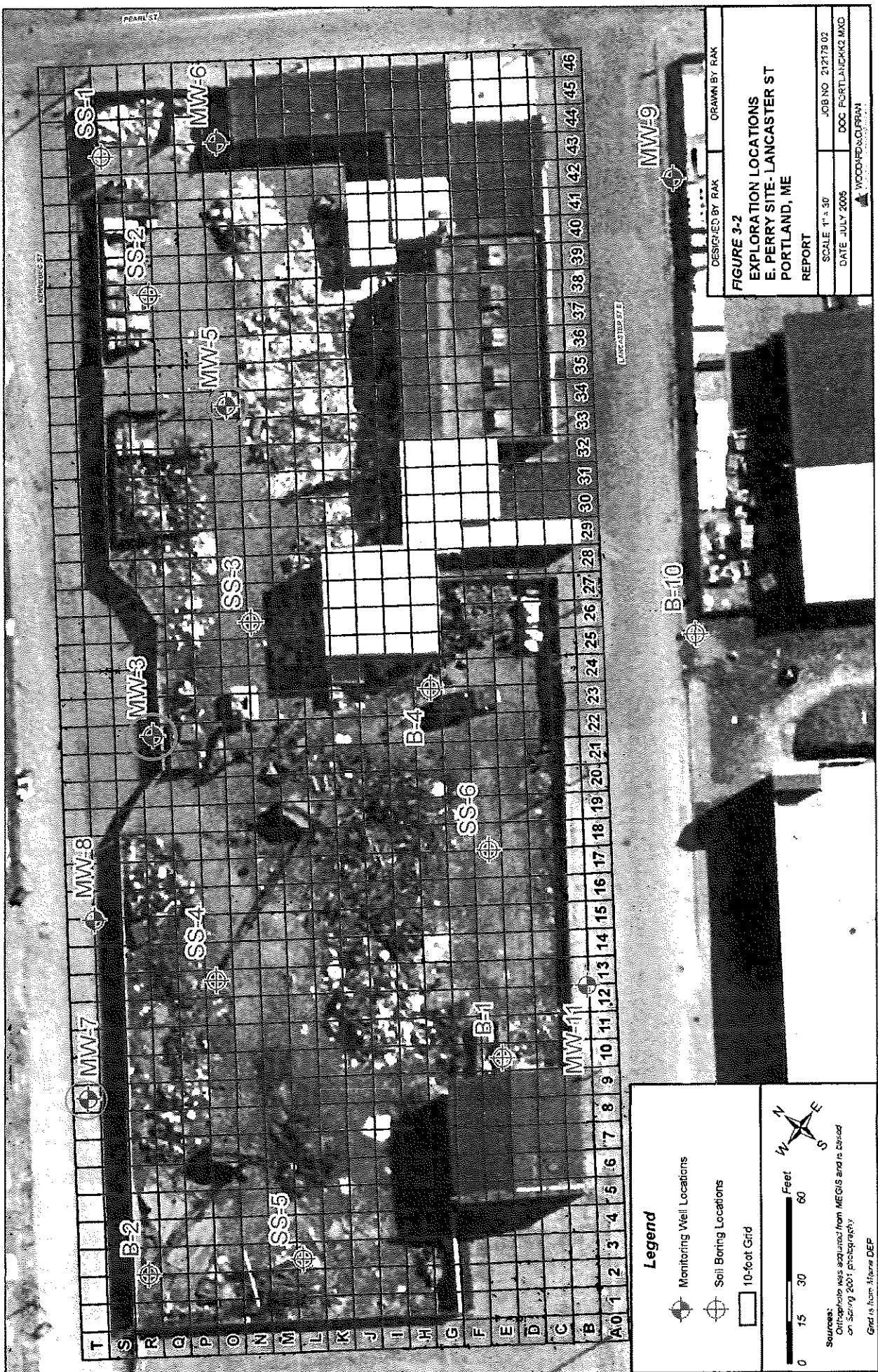


Figure 1
Lancaster Street Monitoring Well Locations
April 2008

Monitoring well for annual testing, April 2008



Monitoring well locations for annual testing, April 2008

Figure 2
Somerset Street Monitoring Well Locations
April 2008

Table 1: Groundwater Gauging Data, E. Perry Iron & Metal Co.

Well ID	Date	Depth to Water (feet)
MW-3	5/3/2005	3.98
MW-3	4/17/2008	4.50
MW-5	5/2/2005	3.82
MW-5	4/17/2008	4.37
MW-7	5/3/2005	4.01
MW-7	4/17/2008	4.43
MW-A	5/2/2005	2.05
MW-A	4/16/2008	3.57
MW-B	5/2/2005	4.14
MW-B	4/16/2008	6.21
MW-C	not available	4.00
MW-C	4/16/2008	3.49

Table 2: Summary of Detected Analytes in Groundwater, E. Perry Iron & Metal Co.

ID	MEG	Metals									
		Volatile Organic Compounds		PCBs							
MW-3	-	Acetone	-	PCBs (Aroclor 1254)	GRO	Antimony	Barium	Cadmium	Chromium	Cobalt	Iron
5/3/2005	<10	<20	3	<2	<2	<2	<2	NA	NA	<1.2	16.8
4/16/2008	<5	<5	<1	<1	<1	<1	<1	NA	NA	<3.5	496J
MW-5	22	<20	<2	<2	<2	<2	<2	NA	NA	<2.7	6200
4/16/2008	<5	<1	<1	0.4J	<1	<1	<1	NA	NA	<2.7	730
MW-7	5/3/2005	<10	<20	30	<2	<2	<2	NA	NA	<2.7	29400
4/16/2008	13	16	14	0.4J	<1	2	<1	0.7J	NA	<2.9	31700
MW-A	5/2/2005	<10	<20	<2	<2	<2	<2	NA	NA	<2.9	119000
4/16/2008	4J	<5	<1	<1	0.4J	<1	<1	0.50	1100	<0.04	NA
MW-B	5/2/2005	<10	<20	<2	<2	<2	<2	NA	NA	<3.5	24800
4/16/2008	<5	<1	<1	0.4J	<1	2	<1	0.7J	NA	<3.5	138
MW-C	5/2/2005	13	<20	2	<2	<2	<2	NA	NA	<3.5	24000
4/16/2008	5J	22	81	<1	<1	<1	<1	0.50	460	<4.2	48300

Notes

Concentrations in micrograms per Liter

< Not detected at practical quantitation limit

J or B Estimated value

NA Not Analyzed

MEG Maximum Exposure Guideline for drinking water, Maine Department of Health and Human Services

- No MEG established for this analyte
bold text and shaded cell indicates exceedance of MEG

Appendix B: Supporting Documents

Groundwater Monitoring, April 2008
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Chapter 31, Portland City Code §31-1 et. Seq.
E. Perry Iron & Metal Co.
Portland, Maine

Prepared for:

E. Perry Iron & Metal Co.
115 Lancaster Street
Portland, Maine 04101

Prepared by:

Acadia Environmental Technology
48 Free Street
Portland, Maine 04101

ACADIA Environmental Technology Low Flow Well Sampling Form

4/17/08

Date: 4/17/04

Acadia Job No/Name: E. Perry
Well ID: MW-T

Notes

四〇六

Depth reference point:

Well depth: 25 c

Well depth: 12' C1

Dent to top of screen:

Depth to bottom of screen:

Depth of intake:

Weil diameter.

Pump used: Peristaltic

Other equipment: Yes! Goos XL

Sampler: 5025

Time	Depth to Water static w/ 3	Pumping Rate (mL/min.)	Temp. °C	pH Cond. mg/L	pH	DO mg/L	ORP/Eh	Turbidity	Notes
11:49	4.43	200	6.03	11.17 0.764	6.40	2.98	52.2	5.7	
12:04	4.46	200	6.03	11.17 0.764	6.37	2.03	40.2	3.0	
12:09	4.46	200	5.83	1.221 0.768	6.37				
12:14	4.46	200	5.91	1.231 0.781	6.36	1.66	36.0	2.5	
12:19	4.46	200	5.74	1.248 0.788	6.36	1.37	35.1	2.0	
12:24	4.46	200	5.62	1.247 0.785	6.33	1.18	35.4	1.9	
12:29	4.46	200	6.03	1.236 0.788	6.31	0.96	39.6	2.0	
12:34	4.46	200	6.06	1.237 0.789	6.29	0.15	42.3	2.0	
12:39	4.46	200	5.78	1.236 0.782	6.25	0.76	46.4	1.9	
							680	16.43	
							VOC's	12:49	
							PCB	12:54	
							SVOC's	13:05	
							DRO	13:07	
									Optical probe shown

ACADIA Environmental Technology Low Flow Well Sampling Form

Date: 4/17/08

Acadia Job No/Name:

Well ID: MW-3

Notes:

Depth reference point: 70C

Well depth: 12.30

Was well pumped dry? No

Depth to top of screen: 12.30

Depth to bottom of screen: 8.4

Depth of intake: 1

Well diameter: 1

Pump used: peristaltic
Other equipment: X51 600 X4 flow cell
Sampler: JK SS

Time	Depth to Water static WL	Sampling Rate (mL/min.)	Temp. °C	mS/cm Spec.	Cond. mg/L	pH	DO	ORP/Eh	NTU	Turbidity	Notes
10:49	4.60	200	5.74	1.189 0.752	6.35	7.79	114.6		18.6		
10:54	4.60	200	5.42	1.127 0.703	6.23	6.30	127.7		2.4		
10:59	4.60	200	5.31	1.032 0.642	6.21	5.79	135.4		1.3		
11:06	4.60	200	5.31	0.976 0.607	6.22	5.28	136.0		1.6		
11:11	4.60	200	5.24	0.935 0.581	6.25	5.12	136.5		0.9		
11:16	4.60	200	5.30	0.919 0.573	6.26	5.10	135.4		0.8		
											620 1118
											WOC 1119
											Mats 1123
											SUDCUS 1127
											PCB 1132
											DEO 1131
											opt-wipe
											well sampling forms

ACADIA Environmental Technology Low Flow Well Sampling form

Date: 4/17/08

Acadia Job No/Name: E. Pierrefit
Well ID: MW-5

Notes: ~~no turbidity - pump well appears clear.~~

TDC

Depth reference point:

12.29

Depth to top of screen:

12.29

Other equipment:

X1600 XL

Sampler:

JR JS

Well depth:

No

Was well pumped dry?

No

Depth of intake:

8.23

Well diameter:

11"

Pump used: peristaltic

Time	Depth to Water <small>static w/ T</small>	Pumping Rate (mL/min.)	Temp. <small>°C</small>	mS/cm <small>ORP/DO</small>	pH <small>Cond.</small>	mg/L <small>DO</small>	ORP/Eh	NTU	Turbidity	Notes
9:30 am	4.42	200	9.10	1.22 ^{6.15} 0.83 ^{6.15}	6.15	1.08	-31.7	0.70		11.29 4.37
9:42 am	4.42	200	8.38	1.22 ^{6.17} 0.83 ^{6.17}	6.17	0.75	-33.2	2.5*		7.92 2.4°C
9:47 am	4.42	200	8.09	1.19 ^{6.20} 0.80 ^{6.20}	6.20	0.62	-36.6	-2.4*		3.5*
9:52 am	4.42	200	8.24	1.17 ^{6.23} 0.79 ^{6.23}	6.23	0.57	-40.0	-2.4*		
9:57	4.42	200	7.99	1.15 ^{6.26} 0.78 ^{6.26}	6.26	0.51	-44.6	-2.1*		
10:02	4.42	200	8.14	1.14 ^{6.28} 0.77 ^{6.28}	6.28	0.48	-46.5	-2.0*		
10:07	4.42	200	8.09	1.14 ^{6.27} 0.77 ^{6.27}	6.27	0.50	-45.2	-2.1*		
								VOC	10:00	
								GPO	10:08	
								SVC	10:20	
								PCB	10:26	
								DRO	10:32	
								Wtels	10:35	
								→	opt-wire	well sampling forms

ACADIA Environmental Technology Low Flow Well Sampling Form

$\text{HNO}_3 \rightarrow \text{metals}$

Acadia Job No/Name:

E. t. h. m. f.

Well ID: HCD-A

4/16/08

Use filter on mutants if >30 NIH

Notes

Depth reference point: **Toc**

Well depth: 18.5m

Was well pumped dry?

Depth to top of screen:

Depth to bottom of screen: 12:33

Depth of intake:

Well diameter: 114

Pump used: Geo

Other equipment: YSL
Sampler: JK IEP

Pump used: Geo

Other equipment: Y51

Samplers

Time	Depth to Water static W.	Pumping Rate (mL/min.)	°C	Temp.	ms/cm ⁻² ms/cm ⁻²	Spec. Cond.	pH	mglL	mglL	ORP/Eh	Turbidity	Notes
9:30	3.57	100/1	9.95°C	9.95°C	1002 msc	1038	4.01	16.8	16.8	19.0		
9:42			9.00	9.04	154	1223	6.25	3.40	281.1	19.0		
9:49			8.04	8.04	157	1216	6.18	3.30	289.7	5.0		
9:53			8.06	8.06	1544	1216	6.19	3.24	289.0	2.5		
9:58	3.64		8.58	8.58	1528	1210	6.24	3.23	284.0	2.3		
10:04	3.68	8.55	8.55	8.55	1506	1110	6.27	3.12	281.7	2.0		
10:09	3.68		8.51	8.51	1584	1220	6.30	3.04	279.2	1.10		
10:14	3.68		8.48	8.48	1573	1224	6.37	3.02	273.3	1.5		
10:19	3.68		8.34	8.34	1562	1225	6.38	3.01	269.1	1.3	Sampled	

ACADIA Environmental Technology Low Flow Well Sampling Form

Date: 4/16/08

E. Perry

Acadia Job No/Name:

4/16/08

Well ID: MW-C

Notes: At pump rate of 100 mL/L ~~the~~ is dropped from 3.49
no constant ~~the~~ turbidity - pump water clear.
sample after ~~the~~ robbing, sample collect @ 100 mL/L,

Depth reference point: TO.C.

Well depth:

Was well pumped dry?

Depth to top of screen: 5.00Depth to bottom of screen: 4.69Depth of intake: 4.00Well diameter: 1"

Pump used: Geopump positive

Other equipment: YSI 600XL

Sampler: EP JR

Time	Depth to Water static	Pumping Rate (mL/min.)	Temp. °C	metres mscns	pH	mg/L	NTU	Turbidity	Notes
1155	9.65	12.14	3.20	6.405	7.66	73.5	-0.4		5
1200	12.49	12.51	3.824	6.79	2.44	-1.2	-0.9		6
1205	13.80	12.40	2.914	6.72	2.13	-37.9	-1.6		
1210	13.18	13.18	3.405	7.20	2.21	-59.7	-0.49	Intake depth @ bot. Pump off	
									Air & water Yield > 1228
									620 > 1237
									Meters > 122
									C sonic pipe ✓
									well sampling forms

Open

Drill

No

ACADIA Environmental Technology Low Flow Well Sampling Form

Date: 4/16/08

Acadia Job No/Name: E.Perry

Well ID: MU0-B

Notes:

TOC

Depth reference point: 13.59

Well depth: 13.59

Was well pumped dry? No

Depth to top of screen: 13.59

Depth to bottom of screen: 13.59

Depth of intake: 9.90

Well diameter: 11"

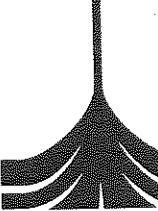
Pump used: Gringerup

Pump used:

Other equipment: VS 100 XL

Sampler: EP 15R

Time	Depth to Water static WL:	Pumping Rate (mL/min.)	Temp. °C	pH	Mg/L	NTU	Turbidity	Notes
1324	6.30	8.80	7.74	6.64	1.77	154.8	9.0	
1329	6.43	8.32	7.15	6.01	1.30	124.1	3.5	
1334	6.43	8.20	7.19	6.05	1.09	107.5	1.6	
1340	6.10	7.92	7.47	6.71	0.86	86.4	1.2	
1345	6.10	7.82	7.33	6.76	0.75	76.4	1.1	
1351	6.03	7.81	7.22	6.85	0.72	65.9	1.1	
1358	6.63	7.44	7.17	6.83	0.69	61.1	1.1	
								VOC's + GRO 13.57
								Wet/Dry 1357
								DRO 1407
								PCB 1419
								SVOX 1422
								Optic wps ✓ well sampling forms



ACADIA
ENVIRONMENTAL TECHNOLOGY

February 29, 2008

Rick Knowland
Senior Planner
Portland Maine, Planning & Development Department
389 Congress Street
Portland, Maine 04101

Re: Work Plan, Groundwater Monitoring for Annual Testing Requirement
E. Perry Iron & Metal Co.
Portland, Maine

Dear Mr. Knowland:

Acadia Environmental Technology (Acadia) has prepared this work plan to monitor groundwater quality at the E. Perry Iron & Metal Company's scrap metal recycling facilities located on Lancaster and Somerset Streets in the Bayside area of Portland, Maine. This work plan is designed to meet the requirements for annual testing of groundwater (Rule #8 (a)) under the Scrap Metal Recycling Facility Rules (Rules) promulgated by the City of Portland (City) under Chapter 31, Scrap Metal Recycling Facilities, Revised July 19, 2006, of its Code of Ordinances.

Introduction

Background

The E. Perry Iron & Metal Co. facility sits on historic reclaimed land (filled wetland or surface water) in an area with a long history of development. It has operated as a scrap metal recycling facility since the 1917, according to its owner, Mr. Alan Lerman. Prior to and concurrent with the E. Perry scrap metal operations the vicinity has hosted railroad operations, a foundry, machine shops, petroleum facilities and other scrap yards. The area is urban, and is served by a public water system. Groundwater is not used for drinking water in the site area.

Past environmental investigations at the site include a Phase II Brownfields Assessment dated July 8, 2005, which was done under the Maine Department of Environmental Protection's (MEDEP) Municipal Brownfields Program. The Brownfields Assessment was conducted to meet the requirements for Rule #1, Baseline Testing; Rule #2 Soil Testing; and Rule #3, Groundwater Testing of the City's Rules. The Brownfields Assessment scope of work included shallow and subsurface soil testing (test pits and push probe borings), monitoring well installation, and groundwater monitoring on both the Lancaster Street and Somerset Street properties. Figures 3-1 and 3-2 from that investigation (attached) show the locations of monitoring wells and other explorations on the Somerset Street and Lancaster Street Properties, respectively.

At the Somerset Street property five monitoring wells were installed for the Brownfields Assessment. They are identified as MW-A, MW-B, MW-C, MW-D, and MW-E. They range in depth from 14 to 20 feet below ground surface. Groundwater levels were measured between 4 and 8 feet below ground surface.

At the Lancaster Street property seven monitoring wells were installed, identified as MW-3, MW-5, MW-6, MW-7, MW-8, MW-9 and MW-11. They range in depth from 12 to 14 feet below ground surface. Groundwater levels were measured between 3.5 and 7.5 feet below ground surface.

For the Brownfields Assessment all wells were monitored between April 26 and April 28, 2005. Groundwater samples from each well were submitted for laboratory analysis of volatile organic compounds (VOCs, EPA Method 8260B), semivolatile organic compounds (SVOCs, EPA Method 8270C), metals (EPA Target Analyte List by EPA Method 6010), and polychlorinated biphenyls (PCBs, EPA Method 8082). Monitoring data were compared to the Maine Bureau of Health's Maximum Exposure Guidelines (MEGs) for drinking water. The table of groundwater monitoring results from the Brownfields assessment report is attached. MEG exceedances from the April 2005 monitoring data are summarized in Table 1, below.

The VOCs benzene and methyl tert-butyl ether (MtBE) exceeded their respective MEGs in only one well (MW-E, Somerset Street property). These are petroleum-related compounds that are ubiquitous in urban groundwater. The concentrations of these compounds in MW-E were 28 µg/L (benzene) and 97 µg/L (MtBE). No other VOCs exceeded their MEGs.

No groundwater samples from either site exceeded the MEGs for SVOCs or PCBs.

Several metals exceeded the MEGs. In the Lancaster Street wells, antimony, arsenic, cadmium, manganese, sodium, and zinc exceeded the MEGs in one or more wells. In the Somerset Street wells, antimony, manganese and sodium exceeded the MEGs in one or more wells. It is not clear whether these exceedences are related to scrap metal operations at the site, urban fill, or surrounding industrial uses, both current and historical.

The annual testing requirement in the Rules will be met by choosing a subset of 3 of the monitoring wells from each of the properties (Lancaster and Somerset) and completing sampling and laboratory analysis for the parameters specified in the Rules.

Scope of Work:

The scope of work for groundwater monitoring to meet the City's annual testing requirement under Rule 8 (a) for Scrap Metal Recycling Facilities is as follows:

- Selection of monitoring well locations and preparation of this work plan,
- City approval of monitoring well locations,
- Groundwater monitoring by low flow methods,
- Laboratory analysis of groundwater samples for VOCs, SVOCs, PCBs, metals: arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, nickel, zinc, copper and antimony, diesel range organics (DRO), and gasoline range organics (GRO), and
- Preparation of a report documenting the monitoring results.

Methodology

Monitoring Well Location Selection

Monitoring wells which were previously installed for the Brownfields Assessment will be used for the annual testing requirement in the Rules. During a site reconnaissance on February 12, 2008, monitoring wells at the Lancaster and Somerset Street properties were located, opened and inspected to see if they were in good condition for groundwater monitoring. Three wells were selected at each property based on their locations in principal outdoor work areas, as specified by the Rule. The selected locations are indicated on the Figures 3-1 and 3-2, attached. Table 1, below, shows the wells and any exceedances of the MEGs in the April 2005 monitoring data. Wells proposed for inclusion in the annual testing are indicated with a check mark and bold font. They include MW-3, MW-5 and MW-6 at Lancaster Street, and MW-A, MW-B and MW-C at Somerset Street. The criteria for selection included past exceedances of MEGs, location in principal outdoor work areas, and condition of the well.

After receipt of approval of the chosen locations by the City, groundwater will be monitored.

Groundwater Monitoring

Static groundwater levels will be measured with a Heron Dipper-T water level meter to the nearest 0.01 foot from the top of casing prior to sampling.

Groundwater samples will be collected according to the Maine Department of Environmental Protection's (MEDEP) Standard Operating Procedure DR#003, titled *Groundwater Sampling Using Low Flow Purging and Sampling Protocol*, which is an updated version of the 1996 SOP protocol specified in Rule #8(a). Groundwater samples will be placed into laboratory-supplied containers with preservatives as specified by each analytical method, and stored on ice. Chain of custody documentation will be maintained.

February 29, 2008

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Table 1: Monitoring Wells and Groundwater Exceedances of Maximum Exposure Guidelines, April 2005

Lancaster Street - Groundwater Exceedances, April 2005

	benzene	MtBE	Sb	As	Cd	Mn	Na	Zn
MEG	12	35	3	10	3.5	500	20000	2000
✓ MW-3			8.6				96500	
✓ MW-5				12.6		1250	119000	
✓ MW-6				98.4		1330	262000	
MW-7					24.3	4160	98500	26000 J
MW-8						1970	133000	
MW-9							87300	
MW-11						1190	209000	

Somerset Street - Groundwater Exceedances, April 2005

	benzene	MtBE	Sb	As	Cd	Mn	Na	Zn
✓ MW-A			6.6 B			513	27500	
✓ MW-B							27900	
✓ MW-C						785	1010000	
MW-D						1570	92700	
MW-E	28		97			1320	134000	

Notes: MtBE = methyl tert-butyl ether; Sb = Antimony, As = arsenic, Cd = cadmium, Mn = manganese, Na = sodium, Zn = zinc

B = present in laboratory QC blank

J = estimated concentration below calibration range

Laboratory Analysis of Groundwater Samples

Groundwater samples will be submitted to a laboratory certified for the analysis of VOCs (EPA Method 8260B), SVOCs (EPA Method 8270), PCBs (EPA Method 8082), metals (EPA method 6010 or 7000 series: arsenic, barium, cadmium, chromium, lead, mercury, selenium, silver, nickel, zinc, copper and antimony), DRO (Maine Health and Environmental Testing Laboratory, HETL, Method 4.1.25) and GRO (Maine HETL Method 4.2.17).

Report

A report will be prepared documenting the monitoring results. The report, which will be submitted to the City, will include a summary table of detected compounds, with comparisons to the MEGs, and a map showing the locations of the wells included in the testing.

Mr. David Hirshon, Tomkins, Clough, Hirshon & Langer, P.A.
February 29, 2008
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Conclusion

The proposed investigation plan was developed to comply with the Rule #8 (a) of the City's Scrap Metal Recycling Facilities Rules, promulgated pursuant to Chapter 31 of the City of Portland Code of Ordinances for Scrap Metal Recycling Facilities.

We look forward to discussing this plan with you.

Sincerely,

Martha N. Mixon

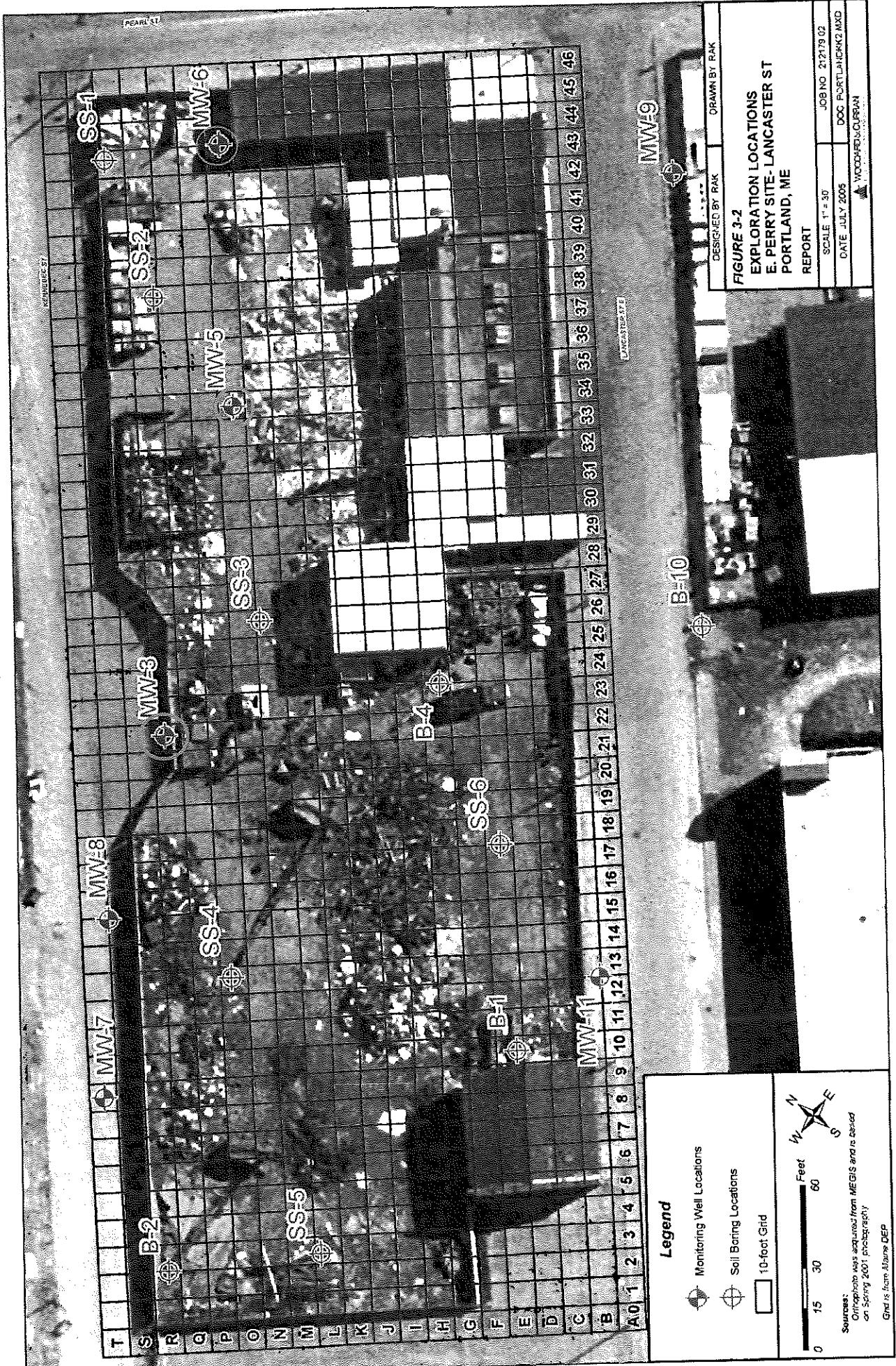
Martha N. Mixon, CG
Senior Geologist

Tom Schwarm

Thomas E. Schwarm, CG
President-Hydrogeologist

cc: Alan Lerman, E. Perry Iron & Metal Co.
Encl.





Woodard & Curran
Summary of Lancaster Street Groundwater Results
E.Perry Site, Portland, Maine

	MEG	MW-11	MW-3	MW-3	MW-5	MW-6	MW-7	MW-8	MW-9	MW-9
		05/03/05	05/03/05	05/03/05	05/02/05	05/02/05	05/03/05	05/02/05	05/03/05	05/03/05
		Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Duplicate
Volatile Organic Compounds										
Acetone	700	<10	<10	<10	22	<10	<10	<10	<10	<10
Benzene	12	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bromobenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bromochloromethane	10	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bromodichloromethane	6	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bromoform	44	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bromomethane	10	<2	<2	<2	<2	<2	<2	<2	<2	<2
tert-Butyl alcohol	--	<20	<20	<20	<20	<20	<20	10J	<20	<20
n-Butylbenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
sec-Butylbenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
tert-Butylbenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon disulfide	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbon tetrachloride	3	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chlorobenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chloroethane	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chloroform	57	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chloromethane	3	<2	<2	<2	<2	<2	<2	<2	<2	<2
2-Chlorotoluene	140	<2	<2	<2	<2	<2	<2	<2	<2	<2
4-Chlorotoluene	140	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-Dibromo-3-chloropropane	0.25	<2	<2	<2	<2	<2	<2	<2	<2	<2
Dibromochloromethane	4	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-Dibromoethane	0.004	<2	<2	<2	<2	<2	<2	<2	<2	<2
Dibromomethane	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-Dichlorobenzene	63	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,3-Dichlorobenzene	60	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,4-Dichlorobenzene	21	<2	<2	<2	<2	<2	<2	<2	<2	<2
Dichlorodifluoromethane	1400	<2	<2	<2	<2	<2	<2	2	<2	<2
1,1-Dichloroethane	70	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-Dichloroethane	4	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1-Dichloroethene	0.6	<2	<2	<2	<2	<2	<2	<2	<2J	<2J
cis-1,2-Dichloroethene	70	<2J	<2J	<2J	<2	6	<2J	<2J	<2J	<2J
trans-1,2-Dichloroethene	140	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2-Dichloropropane	5	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,3-Dichloropropane	--	<2	<2	<2	<2	<2	<2	<2	<2J	<2J
2,2-Dichloropropane	--	<2J	<2J	<2J	<2	<2	<2J	<2J	<2	<2
1,1-Dichloropropene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
cis-1,3-Dichloropropene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
trans-1,3-Dichloropropene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Diethyl ether	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Ethyl t-butyl ether	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Ethylbenzene	70	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorobutadiene	4	<2	<2	<2	<2	<2	<2	<2	<10	<10
2-Hexanone	--	<10	<10	<10	<10	<10	<10	<10	<10	<10
Isopropylbenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
di-Isopropylether	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
p-Isopropyltoluene	70	<2	<2	<2	<2	<2	<2	<2	<2	<2
Methyl ethyl ketone	1440	<10	<10	<10	<10J	<10J	<10	<10	<10	<10
Methyl isobutyl ketone	--	<10	<10	<10	<10	<10	<10	<10	<10	<10
Methyl tert-butyl ether	35	<2	4	3	<2	<2	30	33	<2	<2
Methylene chloride	47	<5	<5	<5	<5	<5	<5	<5	<5	<5
Naphthalene	14	<2	<2	<2	<2	<2	<2	<2	<2	<2
n-Propylbenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Styrene	140	<2	<2	<2	<2	<2	<2	2	4	<2
Tert-amyl methyl ether	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1,1,2-Tetrachloroethane	13	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,1,2,2-Tetrachloroethane	1.8	<2	<2	<2	<2	<2	2	<2	<2	<2
Tetrachloroethene	7	<2	<2	<2	<2	<2	2	<2	<5	<5
Tetrahydrofuran	70	<5	<5	<5	<5	<5	<5	<5	<5	<5
Toluene	1400	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2,3-Trichlorobenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2,4-Trichlorobenzene	70	<2	<2	<2	<2J	<2J	<2	<2	<2	<2
1,1,1-Trichloroethane	200	<2	<2	<2	<2	<2	<2	<2	<2	<2

Woodard & Curran
Summary of Lancaster Street Groundwater Results
E.Perry Site, Portland, Maine

	MEG	MW-11	MW-3	MW-3	MW-5	MW-6	MW-7	MW-8	MW-9	MW-9
		05/03/05	05/03/05	05/03/05	05/02/05	05/02/05	05/03/05	05/02/05	05/03/05	05/03/05
		Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Duplicate
1,1,2-Trichloroethane	6	<2	<2	<2	<2	<2	<2	<2	<2	<2
Trichloroethene	32	<2	<2	<2	<2	2	4	<2	<2	<2
Trichlorofluoromethane	2000	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2,3-Trichloropropane	0.05	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,2,4-Trimethylbenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
1,3,5-Trimethylbenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Vinyl chloride	0.2	<2	<2	<2	<2	<2	<2	<2	<2	<2
m&p-Xylene	--	<2	<2	<2	<2	<2	<2	<2	2	2
o-Xylene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Total Xylenes	14000	ND	ND	ND	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds										
Acenaphthene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Acenaphthylene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Aniline	--	<2	<2J	<2	--	--	<2	<2	<2	<2
Anthracene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Azobenzene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Benzidine	--	<20J	<20R	<20J	<20J	<20J	<20J	<20J	<20J	<20J
Benzo(a)anthracene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Benzo(a)pyrene	0.05	<2	<2	<2	<2	<2	<2	<2	<2	<2
Benzo(b)fluoranthene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Benzo(g,h,i)perylene	--	<2	<2	<2	--	--	<2	<2	<2	<2
Benzo(k)fluoranthene	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Benzoic acid	--	<10J	<10	<10	<10	<10R	<10R	<10R	<10	<10
Benzyl alcohol	--	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
bis(2-Chloroethoxy)methane	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
bis(2-Chloroethyl) ether	0.3	<2	<2	<2	<2	<2	<2	<2	<2	<2
bis(2-Chloroisopropyl)ether	300	<2	<2	<2	<2	<2	<2	<2	<2	<2
bis(2-Ethylhexyl) phthalate	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
4-Bromophenyl phenyl ether	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Butylbenzyl phthalate	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Carbazole	--	<2	<2	<2	<2	--	--	<2	<2	<2
4-Chloro-3-methylphenol	--	<10J	<10	<10	<10	<10R	<10R	<10R	<10	<10
4-Chloroaniline	--	<2	<2	<2	--	--	<2	<2	<2	<2
2-Chloronaphthalene	--	<2	<2	<2	--	--	--	--	<5	<5
2-Chlorophenol	35	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
4-Chlorophenyl phenyl ether	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Chrysene	--	<2	<2	<2	--	--	<2	<2	<2	<2
Dibenzo(a,h)anthracene	--	<2	<2	<2	--	--	<2	<2	<2	<2
Dibenzofuran	--	<2	<2	<2	--	--	<2	<2	<2	<2
3,3'-Dichlorobenzidine	--	<20	<20	<20	<20	<20	<20	<20	<20	<20
2,4-Dichlorophenol	21	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
2,6-Dichlorophenol	--	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
Diethyl phthalate	5000	<2	<2	<2	<2	<2	<2	<2	<2	<2
Dimethyl phthalate	--	<2	<2	<2	<2J	<2J	<2	<2	<2	<2
2,4-Dimethylphenol	--	<5J	<5J	<5	<5	<5R	<5R	<5R	<5	<5
Di-n-butyl phthalate	700	<2	<2	<2	<2	<2	<2	<2	<2	<2
4,6-Dinitro-2-methylphenol	--	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
2,4-Dinitrophenol	14	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
2,4-Dinitrotoluene	0.5	<2	<2	<2	<2	<2	<2	<2	<2	<2
2,6-Dinitrotoluene	0.5	<2	<2	<2	<2	<2	<2	<2	<2	<2
Di-n-octyl-phthalate	--	<2	<2	<2	<2	<2	<2	<2	<2	<2
Fluoranthene	--	<2	<2	<2	--	--	<2	<2	<2	<2
Fluorene	--	<2	<2	<2	--	--	<2	<2	<2	<2
Hexachlorobenzene	0.2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Hexachlorocyclopentadiene	50	<2	<2	<2	<2	<2	<2	<2	<2J	<2J
Hexachloroethane	7	<2	<2	<2	--	--	<2	<2	<2	<2
Indeno(1,2,3-cd)pyrene	--	<2	<2	<2	--	--	<2	<2	<2	<2
Isophorone	370	<2	<2	<2	--	--	<2	<2	<2	<2
2-Methylnaphthalene	--	<2	<2	<2	--	--	<2	<2	<2	<2
2-Methylphenol	--	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
3&4-Methylphenol	--	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
2-Nitroaniline	--	<2	<2	<2	--	--	<2	<2	<2	<2
3-Nitroaniline	--	<2	<2	<2	<2	--	<2	<2	<2	<2

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E.Perry Site, Portland, Maine

	MEG	MW-11	MW-3	MW-3	MW-5	MW-6	MW-7	MW-8	MW-9	MW-9
		05/03/05	05/03/05	05/03/05	05/02/05	05/02/05	05/03/05	05/02/05	05/03/05	05/03/05
		Primary	Primary	Duplicate	Primary	Primary	Primary	Primary	Primary	Duplicate
4-Nitroaniline	---	<2	<2	<2	---	---	<2	<2	<2	<2
Nitrobenzene	3.5	<2	<2	<2	<2	<2	<2	<2	<2	<2
2-Nitrophenol	---	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
4-Nitrophenol	60	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
n-Nitrosodimethylamine	---	<2	<2	<2	---	---	<2	<2	<2	<2
n-Nitrosodiphenylamine	---	<2	<2	<2	---	---	<2	<2	<2	<2
n-Nitroso-di-propylamine	---	<2	<2	<2	---	---	<2	<2	<2	<2
Pentachlorophenol	3	<10J	<10J	<10J	<10	<10R	<10R	<10R	<10J	<10J
Phenanthrene	---	<2	<2	<2	---	---	<2	<2	<2	<2
Phenol	4000	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
Pyrene	---	<2	<2	<2	---	---	<2	<2	<2	<2
Pyridine	---	<2	<2	<2	---	---	<2	<2	<2	<2
2,3,4,6-Tetrachlorophenol	---	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
2,4,5-Trichlorophenol	---	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
2,4,6-Trichlorophenol	32	<5J	<5	<5	<5	<5R	<5R	<5R	<5	<5
PCBs										
Aroclor 1016	---	<0.2	<0.2	<0.2	<0.2J	<0.2J	<0.2J	<0.2	<0.2	<0.2
Aroclor 1221	---	<0.2	<0.2	<0.2	<0.2J	<0.2J	<0.2J	<0.2	<0.2	<0.2
Aroclor 1232	---	<0.2	<0.2	<0.2	<0.2J	<0.2J	<0.2J	<0.2	<0.2	<0.2
Aroclor 1242	---	<0.2	<0.2	<0.2	<0.2J	<0.2J	<0.2J	<0.2	<0.2	<0.2
Aroclor 1248	---	<0.2	<0.2	<0.2	<0.2J	<0.2J	<0.2J	<0.2	<0.2	<0.2
Aroclor 1254	---	<0.2	<0.2	<0.2	<0.2J	<0.2J	<0.2J	<0.2	<0.2	<0.2
Aroclor 1260	---	<0.2	<0.2	<0.2	<0.2J	<0.2J	<0.2J	<0.2	<0.2	<0.2
Total PCBs	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dissolved Inorganic Analytes										
Aluminum	1430	<88.0	<88.0	<88.0	<88.0	<88.0	<88.0	<88.0	<88.0	<88.0
Antimony	3	<4.1	[8.6]	[9.8]	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
Arsenic	10	<4.5	<4.5	<4.5	[12.6]	[98.4]	<4.5	<4.5	<4.5	<4.5
Barium	2000	105	40.1	43	110	22.1	108	74.2	41.8	44.8
Beryllium	---	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Cadmium	3.5	1.2	1.3	1.4	<0.60	0.79	[24.3]	1	<0.60	<0.60
Calcium	---	116000	44800	42600	60400	286000	213000	102000	19400	20600
Chromium	40	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Cobalt	---	15.1	16.8	17.5	<2.7	13.6	39.3	22	<2.7	<2.7
Copper	1300	<2.6	<6.5U	<6.9U	<2.6	<2.6	<5.2U	<2.6	<8.6U	8.6
Iron	---	<37.9J	496J	452J	730	70800	<37.9J	1520J	<83.7UJ	<37.9J
Lead	10	<2.7J	<2.7J	<2.7J	<2.9	<2.9	3.4J	<2.7J	<2.7J	3.7J
Magnesium	---	14900	6200	5760	31700	50700	24800	16400	2320	2490
Manganese	500	[1190]	144	148	[1250]	[1330]	[4160]	[1970]	193	202
Mercury	2	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel	140	12.5	41.6	41.3	11.5	27.3	138	11.2	<3.0	<3.0
Potassium	---	17500	7460	6880	29400	43600	24000	16600	5360	5720
Selenium	35	7.6	6.7	8.8	<4.2	<4.2	4.8	<4.2	<4.2	<4.2
Silver	35	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Sodium	20000	[209000]	[96500]	[94200]	[119000]	[262000]	[98500]	[133000]	[87300]	[86500]
Thallium	0.5	<8.5	<8.5	<8.5	<6.4	<6.4	<8.5	<8.5	<8.5	<8.5
Vanadium	---	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7	<2.7
Zinc	2000	354J	623J	655J	195	704	[26000]J	295J	61.0J	40.4J

Units in micrograms per liter (ug/l)

MEG = Maximum Exposure Guideline

< = not detected at reporting limit

[] = above criteria

J = estimated

R = rejected

U = revised to nondetect

- = not analyzed or not available

Woodard & Curran
Summary of Somerset Street Groundwater Results
E.Perry Site, Portland, Maine

	MEG	MW-A	MW-B	MW-C	MW-D	MW-E
		5/2/2005	5/2/2005	5/2/2005	5/2/2005	4/29/2005
Volatile Organic Compounds						
Acetone	700	<10	<10	13	<10	28
Benzene	12	<2	<2	<2	<2	[28]
Bromobenzene	---	<2	<2	<2	<2	<2
Bromoform	44	<2	<2	<2	<2	<2
Bromomethane	10	<2	<2	<2	<2	<2
tert-Butyl alcohol	10	<2	<2	<2	<2	<2
n-Butylbenzene	---	<2	<2	<2	<2	<2
sec-Butylbenzene	---	<2	<2	<2	<2	<2
tert-Butylbenzene	---	<2	<2	<2	<2	<2
Carbon disulfide	---	<2	<2	<2	<2	<2J
Carbon tetrachloride	3	<2	<2	<2	<2	<2
Chlorobenzene	---	<2	<2	<2	<2	<2
Chloroethane	---	<2	<2	<2	<2	<2J
Chloroform	57	<2	<2	<2	<2	<2
Chloromethane	3	<2	<2	<2	<2	<2J
2-Chlorotoluene	140	<2	<2	<2	<2	<2
4-Chlorotoluene	140	<2	<2	<2	<2	<2
1,2-Dibromo-3-chloropropane	0.25	<2	<2	<2	<2	<2
Dibromochloromethane	4	<2	<2	<2	<2	<2
1,2-Dibromoethane	0.004	<2	<2	<2	<2	<2
Dibromomethane	---	<2	<2	<2	<2	<2
1,2-Dichlorobenzene	63	<2	<2	<2	<2	<2
1,3-Dichlorobenzene	60	<2	<2	<2	<2	<2
1,4-Dichlorobenzene	21	<2	<2	<2	<2	<2
Dichlorodifluoromethane	1400	<2	<2	<2	<2	<2
1,1-Dichloroethane	70	<2	<2	<2	<2	<2
1,2-Dichloroethane	4	<2	<2	<2	<2	<2J
1,1-Dichloroethene	0.6	<2	<2	<2	<2	<2
cis-1,2-Dichloroethene	70	<2	<2	<2	<2	<2
trans-1,2-Dichloroethene	140	<2	<2	<2	<2	<2
1,2-Dichloropropane	5	<2	<2	<2	<2	<2
1,3-Dichloropropane	---	<2	<2	<2	<2	<2
2,2-Dichloropropane	---	<2	<2	<2	<2	<2
1,1-Dichloropropene	---	<2	<2	<2	<2	<2
cis-1,3-Dichloropropene	---	<2	<2	<2	<2	<2
trans-1,3-Dichloropropene	---	<2	<2	<2	<2	<2
Diethyl ether	---	<2J	<2J	<2J	<2J	<2J
Ethyl t-butyl ether	---	<2	<2	<2	<2	<2
Ethylbenzene	70	<2	<2	<2	<2	1J
Hexachlorobutadiene	4	<2	<2	<2	<2	<2J
2-Hexanone	---	<10	<10	<10	<10	<10
Isopropylbenzene	---	<2	<2	<2	<2	<2
di-Isopropylether	---	<2	<2	<2	<2	<2
p-Isopropyltoluene	70	<2	<2	<2	<2	<2
Methyl ethyl ketone	1440	<10J	<10J	<10J	<10J	8J
Methyl isobutyl ketone	---	<10	<10	<10	<10	<10
Methyl tert-butyl ether	35	<2	<2	2	<2	[97]
Methylene chloride	47	<5	<5	<5	<5	<5
Naphthalene	14	<2	<2	<2	<2	<2
n-Propylbenzene	---	<2	<2	<2	<2	<2
Styrene	140	<2	<2	<2	<2	<2
Tert-amyl methyl ether	---	<2	<2	<2	<2	11
1,1,1,2-Tetrachloroethane	13	<2	<2	<2	<2	<2
1,1,2,2-Tetrachloroethane	1.8	<2	<2	<2	<2	<2
Tetrachloroethene	7	<2	<2	<2	<2	<2
Tetrahydrofuran	70	<5	<5	<5	<5	<5
Toluene	1400	<2	<2	<2	<2	<2
1,2,3-Trichlorobenzene	---	<2	<2	<2	<2	<2
1,2,4-Trichlorobenzene	70	<2	<2	<2	<2J	<2
1,1,1-Trichloroethane	200	<2	<2	<2	<2	<2
1,1,2-Trichloroethane	6	<2	<2	<2	<2	<2
Trichloroethene	32	<2	<2	<2	<2	<2
Trichlorofluoromethane	2000	<2	<2	<2	<2	<2
1,2,3-Trichloropropane	0.05	<2	<2	<2	<2	<2

Woodard & Curran
Summary of Somerset Street Groundwater Results
E.Perry Site, Portland, Maine

	MEG	MW-A	MW-B	MW-C	MW-D	MW-E
		5/2/2005	5/2/2005	5/2/2005	5/2/2005	4/29/2005
1,2,4-Trimethylbenzene	---	<2J	<2	<2	<2	4
1,3,5-Trimethylbenzene	---	<2	<2	<2	<2	<2
Vinyl chloride	0.2	<2	<2	<2	<2	<2
m&p-Xylene	---	<2	<2	<2	<2	10
o-Xylene	---	<2	<2	<2	<2	<2
Total Xylenes	14000	ND	ND	ND	ND	10
Semi-Volatile Organic Compounds						
3-Nitroaniline	---	---	---	---	---	<2
Acenaphthene	---	<2	<2	<2	<2	<2
Acenaphthylene	---	<2	<2	<2	<2	<2
Aniline	---	--	--	--	--	<2
Anthracene	---	<2	<2	<2	<2	<2
Azobenzene	---	<2	<2	<2	<2	<2
Benzidine	---	<20J	<20J	<20J	<20J	<20R
Benzo(a)anthracene	---	<2	<2	<2	<2	<2
Benzo(a)pyrene	0.05	<2	<2	<2	<2	<2
Benzo(b)fluoranthene	---	<2	<2	<2	<2	<2
Benzo(g,h,i)perylene	---	--	--	--	--	<2
Benzo(k)fluoranthene	---	<2	<2	<2	<2	<2
Benzolic acid	---	<10	<10	<10	<10J	<10J
Benzyl alcohol	---	<5	<5	<5	<5J	<5J
bis(2-Chloroethoxy)methane	---	<2	<2	<2	<2	<2
bis(2-Chloroethyl) ether	0.3	<2	<2	<2	<2	<2
bis(2-Chloroisopropyl)ether	300	<2	<2	<2	<2	<2
bis(2-Ethylhexyl) phthalate	---	<2	<2	6	<2	<2
4-Bromophenyl phenyl ether	---	<2	<2	<2	<2	<2
Butylbenzyl phthalate	---	<2	<2	<2	<2	<2
Carbazole	---	--	--	--	--	<2
4-Chloro-3-methylphenol	---	<10	<10	<10	<10J	<10J
4-Chloroaniline	---	--	--	--	--	<2
2-Chloronaphthalene	---	--	--	--	--	<2
2-Chlorophenol	35	<5	<5	<5	<5J	<5J
4-Chlorophenyl phenyl ether	---	<2	<2	<2	<2	<2
Chrysene	---	--	--	--	--	<2
Dibenzo(a,h)anthracene	---	--	--	--	--	<2
Dibenzofuran	---	--	--	--	--	<2
3,3'-Dichlorobenzidine	---	<20	<20	<20	<20	<20
2,4-Dichlorophenol	21	<5	<5	<5	<5J	<5J
2,6-Dichlorophenol	---	<5	<5	<5	<5J	<5J
Diethyl phthalate	5000	<2	<2	<2	<2	<2
Dimethyl phthalate	---	<2J	<2J	<2J	<2J	<2J
2,4-Dimethylphenol	---	<5	<5	<5	<5J	<5J
Di-n-butyl phthalate	700	<2	<2	<2	<2	<2
4,6-Dinitro-2-methylphenol	---	<5	<5	<5	<5J	<5J
2,4-Dinitrophenoil	14	<5	<5	<5	<5J	<5J
2,4-Dinitrotoluene	0.5	<2	<2	<2	<2	<2
2,6-Dinitrotoluene	0.5	<2	<2	<2	<2	<2
Di-n-octyl-phthalate	---	<2	<2	<2	<2	<2
Fluoranthene	---	--	--	--	--	<2
Fluorene	---	--	--	--	--	<2
Hexachlorobenzene	0.2	<2	<2	<2	<2	<2
Hexachlorocyclopentadiene	50	<2	<2	<2	<2	<2
Hexachloroethane	7	--	--	--	--	<2
Indeno(1,2,3-cd)pyrene	---	--	--	--	--	<2
Isophorone	370	--	--	--	--	<2
2-Methylnaphthalene	---	--	--	--	--	<2
2-Methylphenol	---	<5	<5	<5	<5J	<5J
3&4-Methylphenol	---	<5	<5	<5	<5J	<5J
2-Nitroaniline	---	--	--	--	--	<2
4-Nitroaniline	---	--	--	--	--	<2
Nitrobenzene	3.5	<2	<2	<2	<2	<2
2-Nitrophenol	---	<5	<5	<5	<5J	<5J
4-Nitrophenol	60	<5	<5	<5	<5J	<5J
n-Nitrosodimethylamine	---	--	--	--	--	<2
n-Nitrosodiphenylamine	---	--	--	--	--	<2
n-Nitroso-di-propylamine	---	--	--	--	--	<2
Pentachlorophenol	3	<10	<10	<10	<10J	<10J

Woodard & Curran
Summary of Somerset Street Groundwater Results
E.Perry Site, Portland, Maine

	MEG	MW-A	MW-B	MW-C	MW-D	MW-E
		5/2/2005	5/2/2005	5/2/2005	5/2/2005	4/29/2005
Phenanthrene	---	---	---	---	---	<2
Phenol	4000	<5	<5	<5	<5J	<5J
Pyrene	---	---	---	---	---	<2
Pyridine	---	---	---	---	---	<2
2,3,4,6-Tetrachlorophenol	---	<5	<5	<5	<5J	<5J
2,4,5-Trichlorophenol	---	<5	<5	<5	<5J	<5J
2,4,6-Trichlorophenol	32	<5	<5	<5	<5J	<5J
PCBs						
Aroclor 1016	---	<0.2	<0.2	<0.2J	<0.2	<0.2
Aroclor 1221	---	<0.2	<0.2	<0.2J	<0.2	<0.2
Aroclor 1232	---	<0.2	<0.2	<0.2J	<0.2	<0.2
Aroclor 1242	---	<0.2	<0.2	<0.2J	<0.2	<0.2
Aroclor 1248	---	<0.2	<0.2	<0.2J	<0.2	<0.2
Aroclor 1254	---	<0.2	0.23	<0.2J	<0.2	<0.2
Aroclor 1260	---	<0.2J	<0.2J	<0.2J	<0.2J	<0.2J
Total PCBs	0.5	ND	0.23	ND	ND	ND
Dissolved Inorganic Analytes						
Aluminum	1430	<88.0	<88.0	<88.0	<88.0	192
Antimony	3	[6.6]B	<4.1	<4.1	<4.1	<8.3
Arsenic	10	<4.2	<4.2	<4.2	<4.2	<4.5
Barium	2000	72.1B	196B	45.4B	109	175
Beryllium	---	<0.29U	<0.20	<0.20	<0.20	<0.30
Cadmium	3.5	1.8B	2.2B	<0.60	<0.60	<0.80
Calcium	---	82200	65700	60100	82900	52100
Chromium	40	<1.2	<1.2	<1.2	<1.2	<2.5
Cobalt	---	3.8B	<2.7	<2.7	<2.7	<3.7
Copper	1300	9.7B	3.9B	3.5B	<2.6	<4.2
Iron	---	87.5B	38.9B	<37.9	2060	29800
Lead	10	<2.9	3.2	<2.9	<2.9	7.6
Magnesium	---	17000	7880	86900	18300	10800
Manganese	500	[513]	396	[785]	[1570]	[1320]
Mercury	2	<0.10	<0.10	<0.10	<0.10	<0.10
Nickel	140	19.6B	10.7B	11.0B	5.7	6.8
Potassium	---	9510	2860B	72600	21600	17100
Selenium	35	<4.2	<4.2	<4.2	<4.2	<3.8
Silver	35	<1.8	<1.8	<1.8	<1.8	<3.7
Sodium	20000	[27500]	[27900]	[1010000]	[92700]	[134000]
Thallium	0.5	<6.4	<6.4	<6.4	<6.4	<8.5
Vanadium	---	<2.7	<2.7	<2.7	<2.7	<4.3
Zinc	2000	631	475	35.2	87.9	58.9

Units in micrograms per liter (ug/l)

MEG = Maximum Exposure Guideline

< = not detected at reporting limit

[] = above criteria

B or J = estimated

R = rejected

U = revised to nondetect

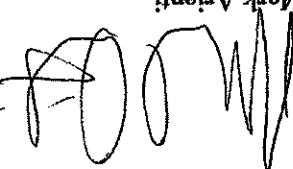
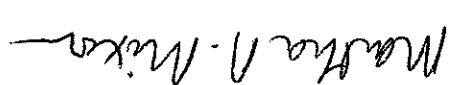
- = not analyzed or not available

David Hirshon, Tomkins, Clough, Hirshon & Lane, P.A.

Alan Lerman, E. Perry Iron & Metal Co.

John Tewhey, Tewhey Associates

cc:

Martha N. Mixon, CG
Senior Geologist
Mark Attenti
Senior Environmental Engineer



Sincerely,

We will proceed with the annual monitoring requirement at these locations.

The Groundwater Monitoring Work Plan dated February 29, 2008 is therefore modified to include MW-3, MW-5 and MW-7 at the Lancaster Street property. There are no changes to the Somerset Street part of the plan. The Groundwater Monitoring Work Plan dated February 29, 2008 is therefore modified to be in good condition. We will include it in the groundwater monitoring for the Lancaster for and found MW-7 at their Lancaster Street facility. Acadia inspected the well. It appears to be in good condition. We will include it in the groundwater monitoring for the Lancaster Co. (E. Perry) scrap metal facility in the Bayside area of Portland, Maine. E. Perry searched (Acadia) dated February 29, 2008 for groundwater monitoring at the E. Perry Iron & Metal regarding the Groundwater Monitoring Plan prepared by Acadia Environmental Technology regarding the Groundwater Monitoring Plan dated March 20, 2008.

This letter is in response to the comments of Tewhey Associates dated March 20, 2008

Dear Mr. Knowland:

Re: Revision to Groundwater Monitoring Work Plan
E. Perry Iron & Metal Co.
Portland, Maine

Rick Knowland
Senior Planner
Portland, Maine, Planning & Development Department
389 Congress Street
Portland, Maine 04101
April 7, 2008



Appendix C: Laboratory Report

Groundwater Monitoring, April 2008
Scrap Metal Recycling Facilities Permit
Chapter 31, Portland City Code §31-1 et. Seq.
E. Perry Iron & Metal Co.
Portland, Maine

Prepared for:
E. Perry Iron & Metal Co.
115 Lancaster Street
Portland, Maine 04101

Prepared by:
Acadia Environmental Technology
48 Free Street
Portland, Maine 04101

Date
05/07/2008

Authorized Signature

KATAHDIN ANALYTICAL SERVICES

Sincerely,

We appreciate your continued use of our laboratory and look forward to working with you in the future.
The following signature indicates technical review and acceptance of the data.

We certify that the test results provided in this report meet all the requirements of the NELAC standards
unless otherwise noted in an attached technical narrative or in the Report of Analysts.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate
to contact the project manager listed above. This cover letter is an integral part of the ROA.

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an
addendum to this report.

* Log-in Report

* Chain of Custody (COC)

* Quality Control Data Summary

* Chromatograms

* Report of Analysis (Analytical and/or Field)

Please find enclosed the following information:

Dear Ms. Mixon:

Sample Receipt Date(s): April 17, 2008

Project Manager: Mrs. Andrea Colby

Project ID: 099-003

RE: Katahdin Lab Number: SB1961

Portland, ME 04101

48 Free Street

Acadia Environmental Technology

Ms. Martha Mixon

May 7, 2008



Authorized Signature

Quinton J. Maxon

Date

05/07/2008

KATAHDIN ANALYTICAL SERVICES

Sincerely,

We appreciate your continued use of our laboratory and look forward to working with you in the future. The following signature indicates technical review and acceptance of the data.

We certify that the test results provided in this report meet all the requirements of the NELAC standards unless otherwise noted in an attached technical narrative or in the Report of Analysis.

Should you have any questions or comments concerning this Report of Analysis, please do not hesitate to contact the project manager listed above. This cover letter is an integral part of the ROA.

A copy of the Chain of Custody is included in the paginated report. The original COC is attached as an addendum to this report.

- * Log in Report
- * Chain of Custody (COC)
- * Quality Control Data Summary
- * Chromatograms
- * Report of Analyses (Analytical and/or Field)

Please find enclosed the following information:

Dear Ms. Maxon:

Sample Receipt Date(s): April 17, 2008

Project Manager: Mrs. Andrea Colby

Project ID: 099-003

RE: Katahdin Lab Number: SB1961

Portland, ME 04101

48 Free Street

Acadia Environmental Technology

Ms. Martha Maxon

May 7, 2008

There were no recoveries for the spiked analytic acid in the LCS WG50612-2 and the LCSD WG50612-4. According to the DOD QSM section D.5, this compound is identified as a poor performing analyte for this method. This compound produces a low mean recovery and a high standard deviation resulting in wide LCS control limits. The DOD does not feel it is appropriate to control batch acceptance

corrective action is taken, as long as the LCS is acceptable.

If the associated MS/MSD has greater than the DOD QSM allowable number of exceedances, no exceedances. In the LCS that are outside of the QC limits is greater than the DOD QSM allowable number of spikes that are outside of the QC limits is greater than the DOD QSM allowable number of spikes analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptable limits. Katahdin standard operating procedure is to take corrective action only if the number of spiked analytes statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptable limits.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptable limits.

8270C Analysis

One or more target analytes may have been detected above the MDL in some method blanks. Any of these analytes that were also detected in any of the associated samples were flagged with a "B" qualifier indicating that the analyte was detected in the method blank analyzed and/or extracted concurrently with the sample.

The reported percent recovery acceptance limits for the Laboratory Control Samples (LCSs) are statistically derived for the full list of spiked compounds. The recoveries of the spiked analytes in the LCS, Matrix Spike (MS) and Matrix Spike Duplicate (MSD) are compared to these acceptable limits.

Katahdin standard operating procedure is to take corrective action only if the number of spiked analytes in the LCS that are outside of the QC limits is greater than the DOD QSM allowable number of exceedances. The LCS report consists of the full list of spiked analytes, but only the client's list of target analytes are evaluated. If the associated MS/MSD has greater than the DOD QSM allowable number of exceedances, no corrective action is taken, as long as the LCS is acceptable.

8260B Analysis

Samples SB1961-2 and 6 and the method blank, WG50539-1, had high recoveries for DCB, which were outside of the laboratory established acceptance limits. Since the recoveries for TCX were acceptable, the samples were not reextracted.

8082 Analysis

The samples of Work Order SB1961 were analyzed in accordance with "Test Methods for Evaluating Solid Wastes: Physical/Chemical Methods," SW-846, 2nd edition, 1982 (revised 1984), 3rd edition, 1986, and Updates I, II, IIIA, III, IIIA, and IIIB 1996, 1998 & 2004, Office of Solid Waste and Emergency Response, U.S. EPA, and/or for the specific methods listed below or on the Report of Analysis. Some manual integrations may have been performed due to split peaks and/or corrected baselines. All have been flagged with an "M" (software-generated) on the pertinent quantitation reports.

Organics Analysis

TECHNICAL NARRATIVE



There were no other protocol deviations or observations noted by the organics laboratory staff.

proceed with narration.

Samples SB1961-2, 3, 5, 6 and 7 had low recoveries for one or more acid surrogates, which were outside the laboratory established acceptance limits. The client was notified and informed the laboratory to

section 1.4.1.

There was no recovery for the spiked analyte benzidine in the LCS WG50612-2. This may be due to oxidative loss of this analyte during solvent concentration as mentioned in SW-846 method 8270C

on this compound because there is a high level of uncertainty in its recovery. Therefore, no further action was taken.

There were no other protocol deviations or observations noted by the organics laboratory staff.

proceed with narration.

Samples SB1961-2, 3, 5, 6 and 7 had low recoveries for one or more acid surrogates, which were outside the laboratory established acceptance limits. The client was notified and informed the laboratory to

Section 1.4.1.

oxidative loss of this analyte during solvent concentration as mentioned in SW-846 method 8270C. There was no recovery for the spiked analyte benzidine in the LCS WG50612-2. This may be due to

on this compound because there is a high level of uncertainty in its recovery. Therefore, no further action was taken.



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U	Indicates the compound was analyzed for but not detected above the laboratory Practical Quantitation Limit.
*	Compound recovery outside of quality control limits.
D	Indicates the result was obtained from analysis of a diluted sample. Surrogate recoveries may not be calculable.
E	Estimated value. This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis.
J	Used for Pesticide/Aroclor analyte when there is a greater than 40% difference for detected concentrations between the two GC columns.
B	Indicates the analyte was detected in the laboratory blank analyzed concurrently with the sample.
N	Presumptive evidence of a compound based on a mass spectral library search.
A	Indicates that a tentatively identified compound is a suspected aldol-condensation product.
P	Used for Pesticide/Aroclor analyte when there is a greater than 25% difference for detected concentrations between the two GC columns. (for CLP methods only).

FLAG	SPECIFIED MEANING
E	The reported value is estimated because of the presence of interference (as indicated by serial dilution).
N	Spike'd sample recovery not within control limits.
*	Duplicate sample analysis not within control limits.
*	Analytical run QC sample (e.g. ICV, CCV, ICB, CCB, ICSA, ICSCB) not within control limits.
U	The analyte was not detected in the sample at a level greater than the instrument detection limit.
B	The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

METALS SAMPLE FLAGGING

FLAG	SPECIFIED MEANING
E	The reported value is estimated because of the presence of interference (as indicated by serial dilution).
N	Spike'd sample recovery not within control limits.
*	Duplicate sample analysis not within control limits.
*	Analytical run QC sample (e.g., ICV, CCV, ICB, CCB, ICSA, ICSAB) not within control limits.
U	The analyte was not detected in the sample at a level greater than the instrument detection limit.
B	The analyte was detected in the sample at a concentration greater than the instrument detection limit, but less than the laboratory's Practical Quantitation Level.

METALS SAMPLE FLAGGING

M1	Peak splitting
M2	Well defined peaks on the shoulders of the other peaks.
M3	There is additional area due to a coeluting interferant.
M4	There are negative spikes in the baseline.
M5	There are rising or falling baselines.
M6	The software has failed to detect a peak or misidentified a peak.
M7	Excessive peak tailing.
M8	Analyses such as GRO, DRO and TPH require a baseline hold.
M9	Peak was not completely integrated as in GC/MS.
M10	Primary ion was correctly integrated, but secondary or tertiary ion needed manual integration as in GC/MS.
M11	For GC analysis, when a sample is diluted by 1:10 or more, the surrogate is set to undetected and then the area under the surrogate is manually integrated.

Manual Integration Codes For GC/MS, GC, HPLC and/or LC

CAS#	Compound	Sample Date: 04/16/08	Received Date: 04/17/08	Extraction Date: 04/16/08	Extraction by:	Extraction Method: SW846 5030	Analyt: SKT	Matrix: SW846 8260B	Analysis Method: SW846 5030	Lab Prep Batch: MG50837	Units: ug/l	% Solids: NA
75-71-8	Dichlorodifluoromethane											
75-01-4	Vinyl chloride											
74-87-3	Chloromethane											
74-01-4	Diethyl ether											
75-69-4	Chloroethane											
60-29-7	Diethyl Ether											
75-65-0	Tetrahydrofuran											
75-35-4	1,1-Dichloroethene											
75-15-0	Carbon Disulfide											
75-09-2	Methyl Isobutyl Chloride											
67-64-1	Acetone											
156-60-5	trans-1,2-Dichloroethene											
1634-04-4	Methyl tert-butyl Ether											
108-20-3	Di-isopropyl Ether											
75-34-3	1,1-Dichloroethane											
637-92-3	Ethyl tert-butyl ether											
156-59-2	cis-1,2-Dichloroethene											
594-20-7	2,2-Dichloropropane											
74-97-5	Bromochloromethane											
67-66-3	Chloroform											
56-23-5	Carbon Tetrachloride											
109-99-9	Tetrachloroform											
71-55-6	1,1,1-Trichloroethane											
563-58-6	1,1-Dichloropropane											
78-93-3	2-Butanone											
71-43-2	Benzene											
99A-05-8	Tertiary-allyl methyl ether											
107-06-2	1,2-Dichloroethane											
79-01-6	Trichloroethylene											
74-95-3	Dibromoethylene											
78-87-5	1,2-Dichloropropane											
75-27-4	Bromodichloromethane											
10061-01-5	cis-1,3-Dichloropropane											
20061-02-6	trans-1,3-Dichloropropane											
79-00-5	1,1,2-Trichloropropane											
124-48-1	Dibromochloromethane											
142-28-9	1,2-Dibromoethane											
106-93-4	1,2-Dibromoethane											
591-78-6	2-Hexanone											

CAS#	Compound	Flags	Results	DR	PGL	Adj. PGL	Adj. MDL	Page	of 02	T0402.D
74-87-3	Dichlorodifluoromethane	u	2	1.0	2	2	0.4			
75-01-4	Vinyl chloride	u	2	1.0	2	2	0.6			
74-83-9	Bromomethane	u	2	1.0	2	2	0.9			
75-00-3	Chloroethane	u	2	1.0	2	2	0.5			
75-69-4	Trichloroethane	u	2	1.0	2	2	0.4			
60-29-7	Diethyl Ether	u	1	1.0	1	1	0.6			
75-35-0	Tertriy-buty1 alcohol	u	5	1.0	5	5	3			
75-35-4	1,1-Dichloroethane	u	1	1.0	1	1	0.4			
75-15-0	Carbon Disulfide	u	1	1.0	1	1	0.5			
75-09-2	Methyl Chloride	u	5	1.0	5	5	0.4			
67-64-1	Acetone	j	4	1.0	5	5	3			
156-60-5	trans-1,2-Dichloroethene	u	1	1.0	1	1	0.5			
1634-04-4	Methyl tert-butyl ether	u	1	1.0	1	1	0.6			
108-20-3	Di-isopropyl ether	u	1	1.0	1	1	0.3			
75-34-3	1,1-Dichloroethane	u	1	1.0	1	1	0.4			
637-92-3	Ethyl tert-butyl-butyl ether	u	1	1.0	1	1	0.3			
156-59-2	cis-1,2-Dichloroethene	u	1	1.0	1	1	0.3			
594-20-7	2,2-Dichloropropane	u	2	1.0	1	1	0.6			
74-97-5	Bromoethane	u	1	1.0	1	1	0.6			
67-66-3	Chloroform	u	1	1.0	1	1	0.4			
56-23-5	Carbon Tetrachloride	u	1	1.0	1	1	0.4			
109-99-9	Tetrahydrofuran	u	5	1.0	5	5	2			
71-55-6	1,1,1-Trichloroethane	u	1	1.0	1	1	0.4			
563-58-6	1,1-Dichloropropane	u	1	1.0	1	1	0.4			
78-93-3	2-Butanone	u	5	1.0	5	5	2			
71-43-2	Benzene	u	1	1.0	1	1	0.4			
994-05-8	TertiarY-amy1 methyl ether	u	2	1.0	2	2	0.3			
107-06-2	1,2-Dichloroethene	u	1	1.0	1	1	0.3			
79-01-6	Trichloroethene	u	1	1.0	1	1	0.5			
74-95-3	Dibromomethane	u	1	1.0	1	1	0.4			
75-27-4	1,2-Dichloropropane	u	2	1.0	2	2	0.5			
10061-01-5	cis-1,3-dichloropropane	u	1	1.0	1	1	0.4			
108-88-3	Toluene	u	1	1.0	1	1	0.3			
108-10-1	4-methyl-2-pentanone	u	5	1.0	5	5	2			
127-18-4	Tetrachloroethene	u	1	1.0	1	1	0.5			
10061-02-6	trans-1,3-Dichloropropane	u	1	1.0	1	1	0.2			
79-00-5	1,1,2-Trichloroethane	u	1	1.0	1	1	0.3			
124-48-1	Dibromochloromethane	u	1	1.0	1	1	0.4			
142-28-9	1,3-Dichloropropane	u	1	1.0	1	1	0.3			
206-93-4	1,2-Dibromoethane	u	1	1.0	1	1	0.4			
591-78-6	2-Hexanone	u	5	1.0	5	5	1			

KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

CS#	Compound	Flags	Results	DR	PQL	Adj. PQL	Adj. MDL	Page	02 of 02	T0402.D
108-90-7	Chlorobenzene	U	2	1.0	1	1	0.4			
100-41-4	Benzene	U	2	1.0	1	1	0.4			
630-20-6	1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.5			
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.4			
95-47-6	m,p-Xylenes	U	2	1.0	2	2	1.0			
100-42-5	Styrene	U	2	1.0	1	1	0.4			
75-25-2	Bromoform	U	1	3.0	1	1	0.3			
98-82-8	Isopropoxybenzene	U	1	1.0	1	1	0.5			
108-86-1	Bromobenzene	U	1	1.0	1	1	0.4			
103-65-1	N-Propylbenzene	U	3	1.0	1	1	0.4			
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.5			
108-67-8	1,1,3,5-Tetramethylbenzene	U	1	1.0	1	1	0.4			
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.5			
96-18-4	1,2,3-Trichloropropane	U	1	1.0	1	1	0.4			
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.4			
98-06-6	tert-Butylbenzene	U	2	1.0	1	1	0.4			
99-87-6	1,2,4-Triisopropylbenzene	U	1	1.0	1	1	0.4			
54-17-3	1,1,3-Dichlorobenzene	U	1	1.0	1	1	0.4			
106-46-7	1,4-Dichlorobenzene	U	1	1.0	1	1	0.5			
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.4			
135-98-8	sec-Butylbenzene	U	1	1.0	1	1	0.4			
95-50-1	1,2-Dichlorobenzene	U	1	1.0	1	1	0.4			
96-12-8	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.7			
120-82-2	Hexachlorobutadiene	U	1	1.0	1	1	0.5			
91-20-3	1,2,4-Trichlorobenzene	U	1	1.0	1	1	0.3			
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.4			
186-53-7	DibromoFluoromethane	U	102%	1.06%	92%	93%	92%			
17060-07-0	1,2-Dichloroethane	U	1	1.0	1	1	0.5			
2037-26-5	Toluene-DB	U	1	1.0	1	1	0.4			
460-00-4	p-BromoFluorobenzene	U	1	1.0	1	1	0.5			

Project: 099-003 Client: Acadia Environmental
PO No.: 000
Comments: Acadiana Environmental
Sample Date: 04/16/08
Received Date: 04/17/08
Extraction Date: 04/17/08
Analysts Date: 29-APR-2008
Report Date: 04/30/2008
Matrix: MATER
% Solids: NA

KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

CAS#	Compound	Flags	Results	DR	PGL	Adj. PGL	MGL	Page	01 of 02	R7845.D
62-75-9	N-Nitrosodimethylamine	u	10	1.0	10	10	4			
110-86-1	Pyridine	u	10	1.0	10	10	4			
62-53-3	Aniline	u	50	1.0	50	50	3			
108-95-2	Phenol	u	25	1.0	25	25	3			
100-51-6	2-Chlorophenol	u	10	1.0	10	10	4			
95-57-8	Bis(2-chloroethyl) ether	u	10	1.0	10	10	4			
111-44-4	Bis(2-chloroethyl) acetate	u	20	1.0	20	20	3			
95-48-7	2-Methylphenol	u	10	1.0	10	10	4			
621-64-7	N-Nitrosodi-n-propylamine	u	10	1.0	10	10	3			
65794-96-9	344-Methylphenol	u	10	1.0	10	10	2			
67-72-1	Hexachloroethane	u	10	1.0	10	10	2			
78-95-3	Nitrobenzene	u	10	1.0	10	10	3			
78-95-1	Isonaphthone	u	10	1.0	10	10	3			
88-75-5	2-Nitrophenol	u	10	1.0	10	10	5			
111-91-1	Bis(2-chloroethyl)methane	u	10	1.0	10	10	5			
65-85-0	Benzotrichloride	u	10	1.0	10	10	4			
120-83-2	2,4-Dichlorophenol	u	25	1.0	25	25	6			
87-65-0	4-Chloronitrobenzene	u	10	1.0	10	10	4			
106-47-8	2,6-Dinitrophenol	u	10	1.0	10	10	4			
91-57-6	2-Methylphenol	u	25	1.0	25	25	6			
77-47-4	Hexachlorocyclohexadiene	u	10	1.0	10	10	2			
88-06-2	2,4,6-Trichlorophenol	u	10	1.0	10	10	3			
95-95-4	2-Chloronitrobenzene	u	25	1.0	25	25	6			
91-58-7	2-Nitroaniline	u	10	1.0	10	10	5			
88-74-4	2-Chloronaphthalene	u	25	1.0	25	25	6			
99-09-2	Acenaphthylamine	u	10	1.0	10	10	2			
208-96-8	2,6-Dinitrotoluene	u	10	1.0	10	10	3			
606-20-2	Dimethyl Phthalate	u	10	1.0	10	10	8			
131-11-3	2-Nitroaniline	u	25	1.0	25	25	4			
83-32-9	Acenaphthylene	u	10	1.0	10	10	2			
51-28-5	2,4-Dinitrophenol	u	10	1.0	10	10	4			
132-64-9	Dibenzofuran	u	25	1.0	25	25	4			
100-02-7	4-Nitrophenoxy	u	10	1.0	10	10	3			
121-14-2	2,4-Dimutrotoluene	u	25	1.0	25	25	12			
84-66-2	2,3,4,6-Tetrachlorophenol	u	10	1.0	10	10	6			
86-73-7	Fluorene	u	10	1.0	10	10	3			
7005-72-3	4-Chlorophenyl-phenoxyether	u	10	1.0	10	10	3			
100-01-6	4-Nitroaniline	u	25	1.0	25	25	6			
534-52-1	4,6-Dinitro-2-Methylphenol	u	25	1.0	25	25	16			

Project #: 099-003
Client ID: MW-A
Lab ID: SB1961-1
SDG: SB1961
Sample Date: 04/16/08
Received Date: 04/17/08
Extraction Date: 04/23/08
Extraction Method: SW846 3510
Extracted by: KF
Analyst: JCG
Analysis Method: SW846 8270C
Lab Prep Batch: MG50612
Units: ug/L
Matrix: Water
Report Date: 05-MAY-2008 16:38
Analysis Date: 05-MAY-2008 16:38
Matrix: Water
% Solids: NA

KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

Project #: 099-003
Client ID: SB1961-1
Lab ID: SB1961-1
SDG: SB1961
PO No.:
Client ID: MW-A
SDG: SB1961
Sample Date: 04/16/08
Received Date: 04/17/08
Extraction Method: SW846 3510
Analyst: JCG
Analysts Method: SW846 8270C
Report Date: 05-MAY-2008 16:38
Extraction Date: 04/23/08
KXtract Date: 04/23/08
Matrix: WATER
Report Date: 05/07/2008
Units: ug/l
Lab Prep Batch: WG506122
Analysts Method: SW846 8270C
Report Date: 05-MAY-2008 16:38
Matrix: WATER
Units: ug/l
% Solids: NA

CS#	Compound	Flags	Results	DF	PGL	Adj.PGL	Adj.ASD	ASD	Page	01 of 02	R7845.D
62-75-9	N-Nitrosodimethylamine	u	10	1.0	10	10	4	4	4	4	110-86-1
62-53-3	Pyridine	u	50	1.0	50	50	3	3	3	3	108-95-2
111-44-4	Bis(2-chloroethyl) ether	u	10	1.0	10	10	4	4	4	4	95-48-7
62-21-7	2,2'-Oxybis(1-chloropropane)	u	10	1.0	10	10	3	3	3	3	108-60-1
65794-96-9	364-Methylphenol	u	10	1.0	10	10	5	5	5	5	67-72-1
98-95-3	Heptachloroethane	u	10	1.0	10	10	3	3	3	3	78-59-1
78-75-5	Isophorone	u	10	1.0	10	10	5	5	5	5	111-91-1
105-67-9	2,4-Dimethylphenol	u	10	1.0	10	10	2	2	2	2	62-21-7
111-91-2	2,4-Dimethoxymethane	u	10	1.0	10	10	10	10	10	10	65-85-0
87-65-0	2,4-Dichlorophenol	u	10	1.0	10	10	4	4	4	4	106-47-8
59-50-7	4-Chloroaniline	u	10	1.0	10	10	9	9	9	9	77-47-4
91-57-6	2-Methylphenoxychloroethane	u	10	1.0	10	10	6	6	6	6	88-06-2
95-95-4	2,4,6-Trichlorophenol	u	10	1.0	10	10	6	6	6	6	99-09-2
208-96-8	Acenaphthylidine	u	10	1.0	10	10	3	3	3	3	131-11-3
606-20-2	Dimethyl Phthalate	u	10	1.0	10	10	8	8	8	8	121-14-2
58-90-2	2,4-Dimercaptoether	u	10	1.0	10	10	4	4	4	4	84-66-2
86-73-7	Diethyl Phthalate	u	10	1.0	10	10	6	6	6	6	100-01-6
7005-72-3	4-Chlorophenyl-phenylether	u	10	1.0	10	10	3	3	3	3	51-28-5
51-28-5	2,4-Dinitrophenol	u	25	1.0	25	25	5	5	5	5	132-64-9
100-02-7	4-Nitrophenol	u	20	1.0	10	10	3	3	3	3	121-14-2
100-02-7	Dibenzofuran	u	20	1.0	10	10	14	14	14	14	58-90-2
21-14-2	2,4-Dinitrotoluene	u	25	1.0	25	25	12	12	12	12	84-66-2
84-66-2	Diethyl Phthalate	u	10	1.0	10	10	6	6	6	6	51-28-5
86-73-7	4-Nitroaniline	u	25	1.0	25	25	6	6	6	6	534-52-1

KATADIN ANALYTICAL SERVICES Report of Analytical Results

GS#	Compound	Flags	Results	DY	PQT	Adj. PQT	Adj. MRL
96-30-6	N-Nitrosodiphenylamine	u	10	1.0	10	10	5
122-66-7	1,2-Diphenylhydrazine	u	10	1.0	20	20	6
101-55-3	4-Bromophenyl-phenylhydrazine	u	10	1.0	10	10	2
118-74-1	Hexachlorobenzene	u	10	1.0	10	10	2
87-86-5	Pentachlorophenol	u	25	1.0	25	25	9
85-01-8	Phenanthrene	u	10	1.0	10	10	2
120-12-7	Anthracene	u	10	1.0	10	10	3
86-74-8	Carbazole	u	10	1.0	10	10	4
84-74-2	Di-n-butylphthalate	u	10	1.0	10	10	3
206-44-0	Fluoranthene	u	10	1.0	10	10	4
92-87-5	Benzidine	u	50	1.0	50	50	8
129-00-0	Pyrene	u	10	1.0	10	10	3
85-68-7	Butylbenzylphthalate	u	10	1.0	10	10	4
56-55-3	Benzzo(a)anthracene	u	10	1.0	10	10	2
91-94-1	3,3'-Dichlorobenzoic acid	u	10	1.0	10	10	6
218-01-9	Chrysene	u	10	1.0	10	10	2
117-84-7	bis(2-Ethylhexyl)phthalate	u	10	1.0	10	10	8
117-84-0	Di-n-octylphthalate	u	10	1.0	10	10	8
205-99-2	Benzzo(b)fluoranthene	u	10	1.0	10	10	2
207-08-9	Benzzo(k)fluoranthene	u	10	1.0	10	10	3
50-32-8	Benzzo(a)pyrene	u	10	1.0	10	10	2
193-39-5	Indeno(1,2,3-cd)pyrene	u	10	1.0	10	10	6
53-70-3	Dibenzzo(1,2,3-cd)pyrene	u	10	1.0	10	10	4
191-24-2	Benzzo(g,h,i)perylene	u	10	1.0	10	10	5
13127-88-3	2-Fluorophenol	u	36%	36%	22%	64%	76%
4125-60-0	Nitrobenzene-5	u	10	1.0	20	20	2
321-60-8	2,2,4,6-Tribromophenol	u	10	1.0	10	10	6
118-79-6	2,4,6-Tribromophenol	u	81%	81%	76%	64%	89%
1718-51-0	Tetraphenyl-1,1,4,4-tetrabromobiphenol	u					

Client: Acadia Environmental
Project: 099-003
Lab ID: SB1961-1
Client ID: MW-A
SDG: SB1961
Sample Date: 04/16/08
Received Date: 04/17/08
Extraction Method: SW846 3510
Extraction by: KR
Extracted by: KR
Report Date: 05-MAY-2008 16:38
Analysts Date: 05-MAY-2008 16:38
Analyst: JCG
Analysts Method: SW846 8270C
Lab Prep Batch: MG50612
Units: ug/l
% Solids: NA

Client:	Acadia Environmenta	PO No.:	
Project:	099-003	Sample Date:	04/16/08
Extraction Date:	04/17/08	Received Date:	04/17/08
Extraction Method:	SW846 3510	Extraction Method:	SW846 3510
Extracted by:	KF	Extracted by:	KF
SDG:	SB1961	SDG:	SB1961
Client ID:	MW-A	Client ID:	SB1961-1
Lab ID:	SB1961-1	Lab ID:	SB1961-1
Report Date:	04/16/08	Report Date:	04/17/08
Analytical Method:	SW846 8082	Analytical Method:	SW846 8082
Matrix:	WATER	Matrix:	04/25/2008
Report Date:	24-APR-2008 23:43	Report Date:	04/21/08
Analysts Method:	SW846 8082	Analysts Method:	SW846 8082
Lab Prep Batch:	MG50539	Lab Prep Batch:	MG50539
Units:	ug/L	Units:	ug/L
% Solids:	NA	% Solids:	NA

Client:	Acadta Enviroinstrumenta	PO No:	099-003
Lab ID:	SB1961-1	SDG:	SB1961
Client ID:	MW-A	Extracted by:	KF
Sample Date:	04/16/08	Extraction Method:	SW846 3510
Received Date:	04/17/08	Analytist:	SJC
Extraction Date:	04/21/08	Analysis Method:	SW846 8082
Analyst's Date:	24-APR-2008 23:43	Lab prep Batch:	WG50539
Matrix:	WATER	Units:	ug/l
Report Date:	04/25/2008		% Solids: NA
Compound:	CAS#	Page	01 of 01 6BD3253.d
Results:	Flags		
Adj. PQL	PQL		
0.38	0.50	1.0	0.50
0.16	0.50	1.0	0.50
0.26	0.50	1.0	0.50
0.20	0.50	1.0	0.50
0.18	0.50	1.0	0.50
0.24	0.50	1.0	0.50
0.25	0.50	1.0	0.50
83%	75%		
2051-24-3	Decachlorobiphenyl		
877-09-8	Tetrachloro-m-xylylene		
11097-1260	Arocclor-1260		
11097-1254	Arocclor-1254		
12672-29-6	Arocclor-1248		
53469-21-9	Arocclor-1242		
11141-16-5	Arocclor-1232		
11104-28-2	Arocclor-1221		
12674-11-2	Arocclor-1016		
	Compound		
	CAS#		

Data File: \\target_server\GG\chem\gc06.i\GC06BD23A1.b\6BD3253.d
 Lab Smp Id: SB1961-1
 Inj Date: 24-APR-2008 23:43
 Smp Info: PCBA091A.M, GC06BD23A1.B, 1, SB1961-1
 Operator: SJC
 Commnet: \\TARGET_SERVER\GG\chem\gc06.i\GC06BD23A1.b\6BD3253.d
 Method: \\\TARGET_SERVER\GG\chem\gc06.i\GC06BD23A1.B\PCBA091A.m
 Metrh Date: 25-APR-2008 11:06 Scdby Quant Type: ESTD
 Cal Date: 21-APR-2008 15:06 Cal File: 6BD3165.d
 AIs bottle: 1
 Dil Factor: 1.00000
 Integrator: HP Genie
 Target Version: 4.12
 Sample Matrix: WATER
 Compound Sublist: SW8082.sdb
 Processing Host: TARGET02

Concentration Formula: Amt * DF * Vt * (1/Vo) * CpdVariable
 Name Value Description
 DF 1.000 Dilution Factor
 Vt 0.01000 Volume of final extract (L)
 Vo 1.060 Volume of sample extracted (L)
 Cpd Variable
 Df 1.00000 Volume of final extract (L)
 Vt 0.01000 Volume of final extract (L)
 Vo 1.060 Volume of sample extracted (L)

CONCENTRATIONS
 RT EXP RT DLT RT
 RESPONSE (ug/ml) (ug/ml) TARGET RANGE RATIO
 ON-COL PRTA
 REVIEW CODE

 \$ 3 Tetrachloro-m-xylene 109988 0.07463 0.704
 CAS #: 877-09-8
 4.700 4.713 -0.013

 \$ 12 Decachlorobiphenyl 89218 0.08342 0.787
 CAS #: 2051-24-3
 17.513 17.513 0.000

 MS

QC Flag Legend

M - Compound response manually integrated.

SL

Data File: \target_server\GC\chem\gc06.i \GC06BD23A1.b \GC06BD3253.d

Date : 24-APR-2008 23:43

Client ID: Mu-A

Sample Info: PCBHQdA.M,GC06BD23A1.B,1,SB1961-1

Purge Volume: 1.1

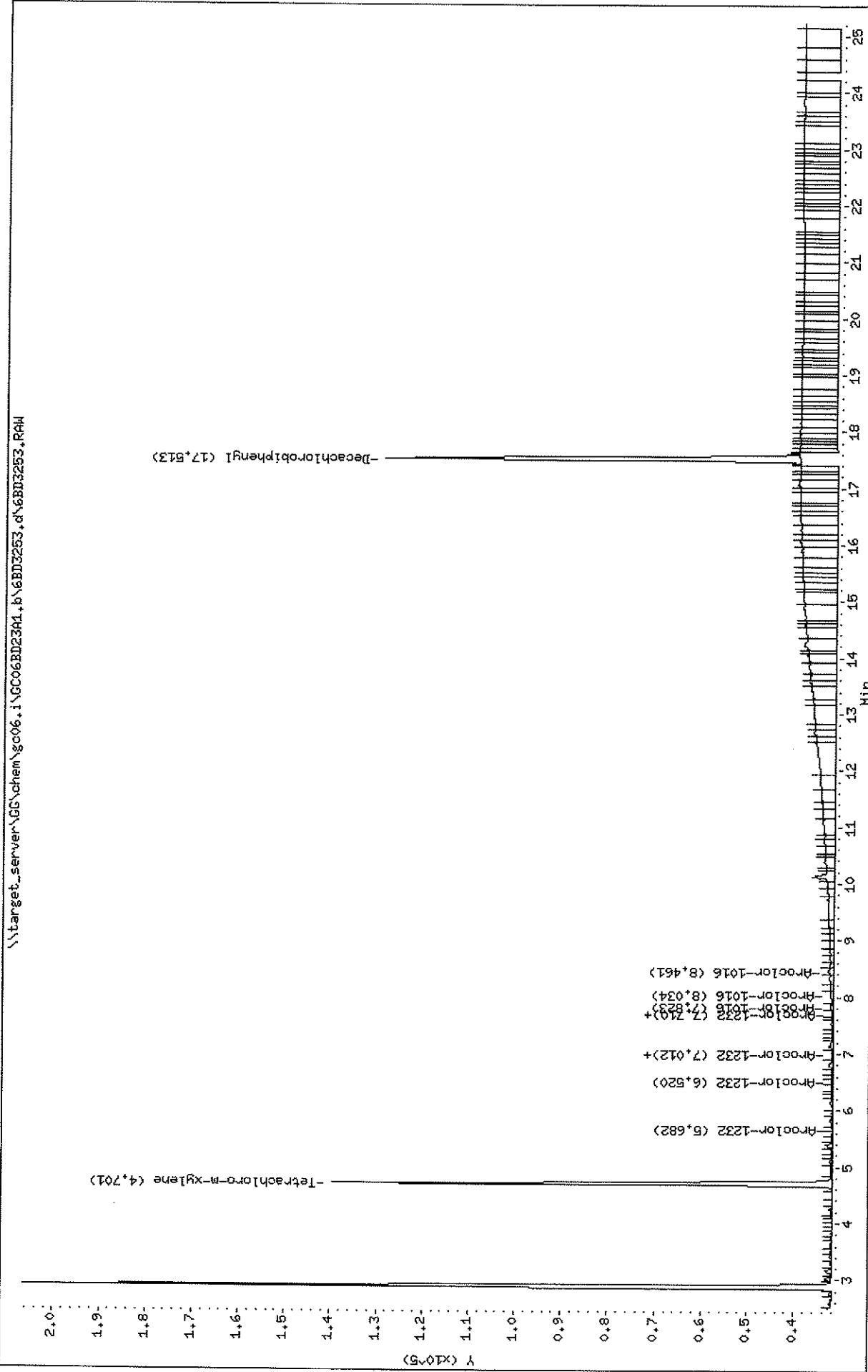
Column Phaset: ZB-Multiresidue-1

Instrument: 8006.i

Operator: SJC

Column diameter: 0.53

\\\target_server\GC\chem\gc06.i \GC06BD23A1.b \GC06BD3253.RAW



Data File: \\target_server\G\chem\g06.i \GC06BD2391.b\6BD3253.d
Date: 24-APR-2008 23:43.
Client ID: MU-A
Sample Info: PCB091A.M, GC06BD2391.B,1,SB1961-1
Purge Volume: 1.1
Column phaseset: ZB-Multiresidue-1

Instrument: GC06.i
Operator: SJC
Column diameter: 0.53

\\target_server\G\chem\g06.i\6BD3253.b\6BD3253.RAW

Tetrachloro-m-Xylene (4,701)

Aroclor-1232 (6,520)

Aroclor-1232 (5,682)

Aroclor-1016 (8,461)

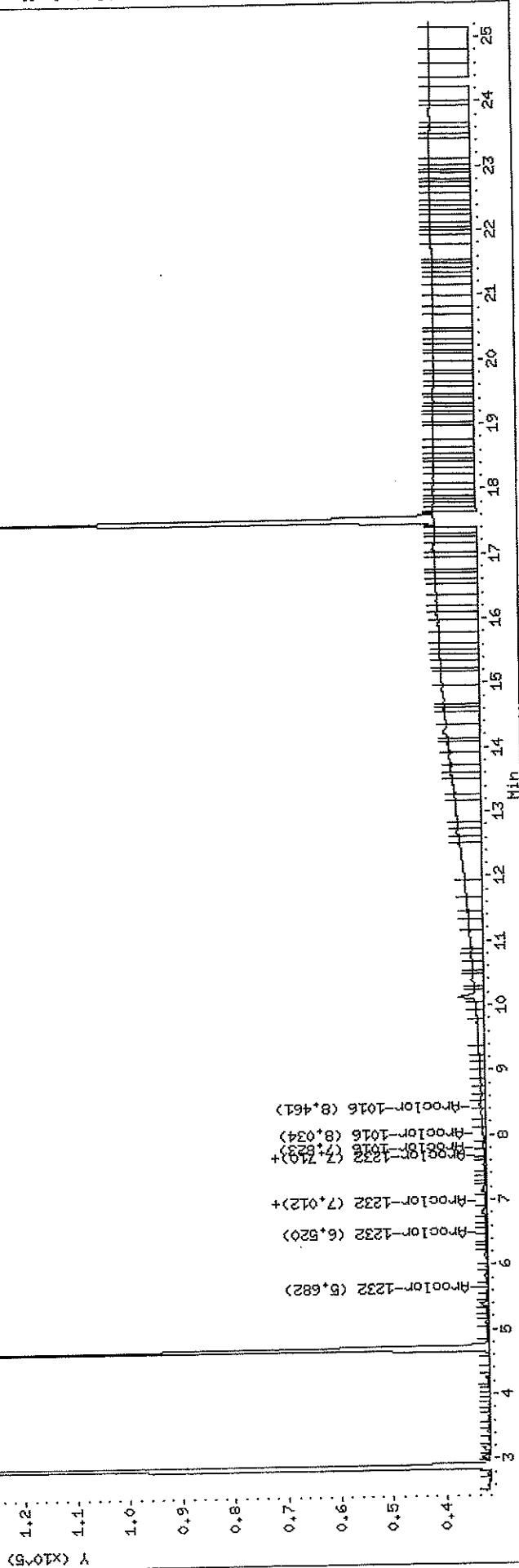
Aroclor-1016 (8,034)

Aroclor-1016 (7,169)

Aroclor-1016 (7,012)

Aroclor-1016 (8,461)

Decachlorobiphenyl (17,513)



M - Compound response manually integrated.

QC Flag Legend

*4/24/08
BL*

Name	Value	Description		
Concentration Formula: Amt * DF * VT * (1/V0) * CpdVariable				
Cpd Variable		Local Compound Variable		
V0	1.060	Volume of sample extracted (L)		
VT	0.01000	Volume of final extract (L)		
DF	1.000	Dilution Factor		
DR	1.000	Dilution Factor		
CONCENTRATIONS				
RT EXP RT DLT RT	RESPONSE (ug/ml) (ug/ml)	TARGET RANGE	RATIO	REVIEW CODE
18.340 18.393 -0.053	71687 0.07700	0.726	(M)	MS
\$ 12 Decachlorobiphenyl	CAS #: 2051-24-3			
5.212 5.245 -0.033	96086 0.06797	0.641		

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Data File#: \target_server\GC\chem\gc06.i\GC06BD23B1.b\6BD4253.d

Date #: 24-APR-2008 23:43

Client ID#: MJA-A

Sample Info#: PCB091A.M,GC06BD23B1.B,1,SB1961-1

Purge Volume#: 1.1

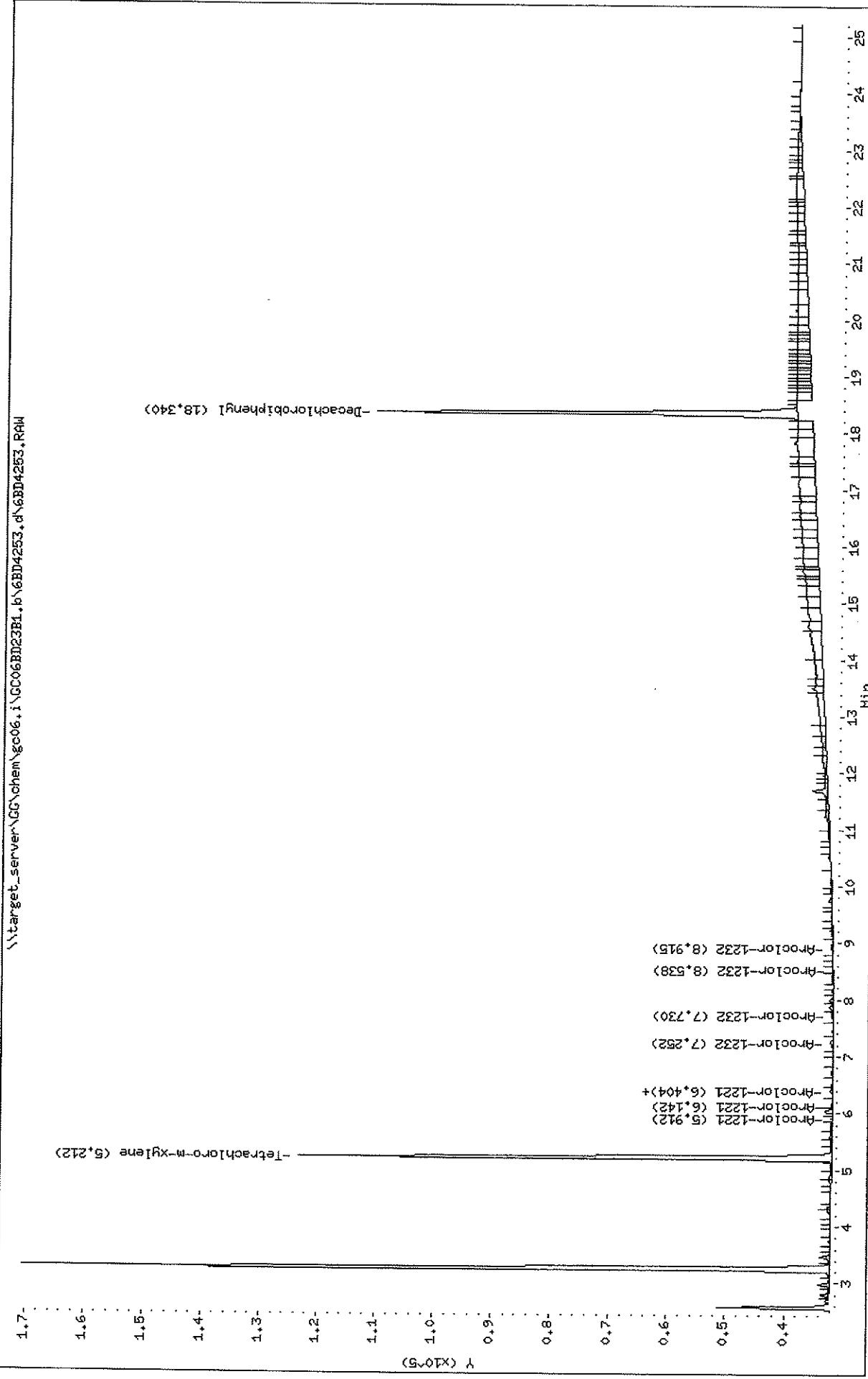
Column phase#: ZB-Multiresidue-2

Instrument#: gc06.i

Operator#: SJC

Column diameter: 0.53

\target_server\GC\chem\gc06.i\GC06BD23B1.b\6BD4253.d\6BD4253.RAW



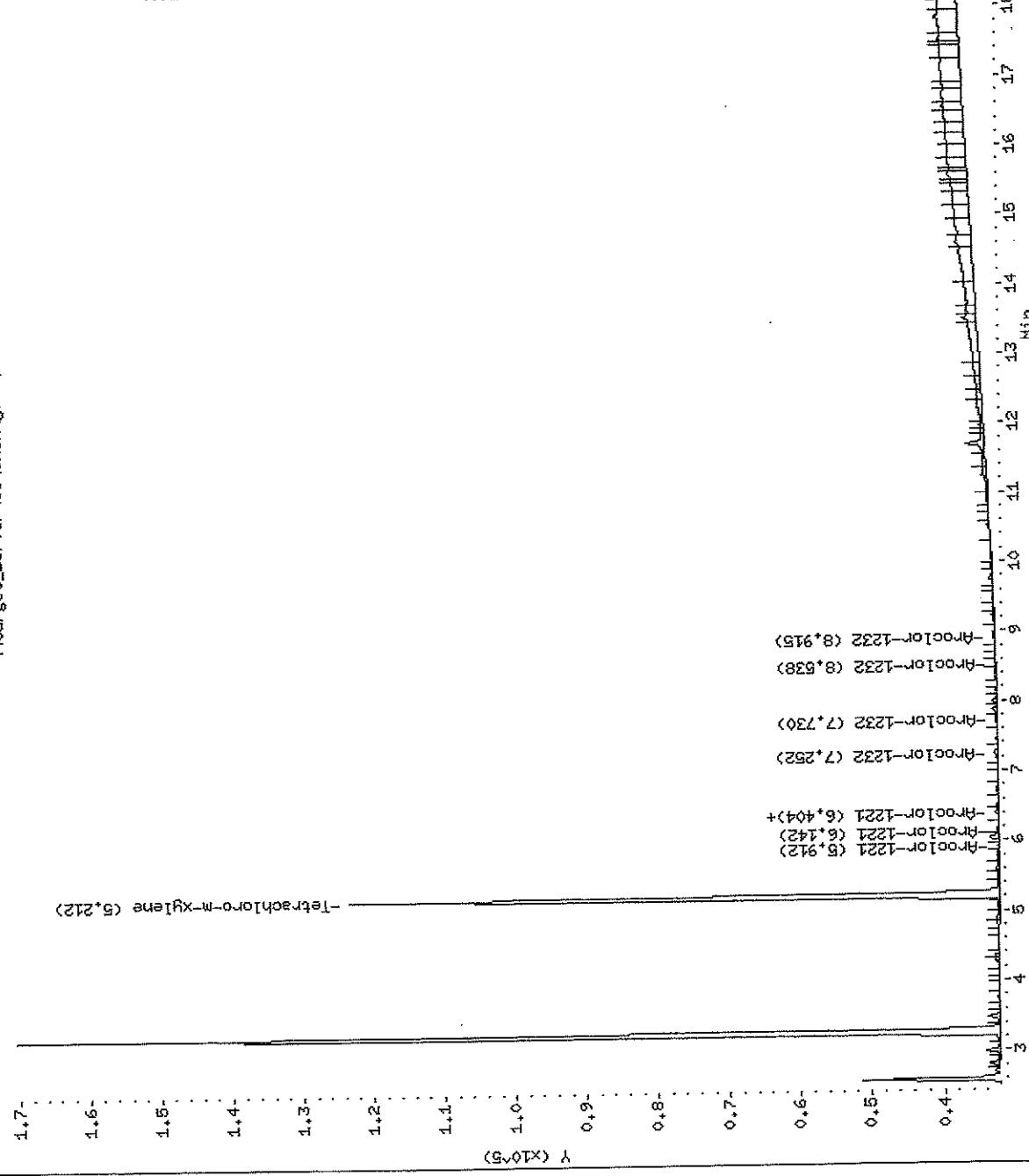
Data File: \\target_server\GC\chem\gc06.i \GC06BD23B1.b\63D4253.d
 Date : 24-APR-2008 23:43
 Client ID: MII-A
 Sample Info: PCBB091A.M,GC06BD23B1.B,1,SB1961-1
 Purge Volume: 1.1
 Column Phase# ZB-Multiresidue-2

Instrument: gc06.i

Operator: SJC

Column diameter: 0.53

\\target_server\GC\chem\gc06.i \GC06BD23B1.b\63D4253.d



Client: Acadia Environmental	Sample Date: 04/16/08	Received Date: 04/17/08	Extraction Date: 04/22/08	Analytical Date: 25-APR-2008 16:00	Report Date: 04/29/2008	Matrix: WATER	% Solids: NA
Project: 099-003	SDG: SB1961	Extraction Method: SW846 3510	Analysis Method: MEDEP 4.1.25	Lab Prep Batch: MG50565	Units: ug/l		
Po No:	Extracted by: KP	Extraction by: KP	Analyst: KGT	Analyst's Method: MEDEP 4.1.25			
	Lab ID: SB1961-1	Client ID: MW-A	SDG:				

- a - Target compound detected but, quantitated amount
 M - Compound response manually integrated.
 Below Limit Of Quantitation (BLQ) .

QC Flag Legend

Compounds	CONCENTRATIONS	ON-COLUMN	FINAL	(ug/mL)	(ug/L)	REVIEW CODE
5 9-O-Terphenyl	12.560	12.559	0.001	124578	16.8869	15.9 (AM)
5 7-Diesel Range Organics	5.144-17.856	5.144-17.856	12229500	1103.80	1040 (M)	M5
	=====	=====	=====	=====	=====	=====

Name	Value	Description	Cpnd Variable
DF	1.000	Dilution Factor	Vt
VE	0.00100	Final Volume (L)	VO
VO	1.060	Sample Volume (L)	Local Compound Variable

$$\text{Concentration Formula: } \text{Amt} * \text{DF} * (\text{VE}/\text{VO}) * 1000 * \text{CpndVariable}$$

Data File: \\Target_server\GG\chem\gc10\GC10BD25A1.b\ABD3093.d
 Lab Smp Id: SB1961-1
 Inj Date: 25-APR-2008 16:00
 Client Smp ID: MW-A
 Method : \\TARGET SERVER\GG\chem\gc10\GC10BD25A1.B\DR0A021A.m
 Date : 28-APR-2008 08:39
 Cal Date : 08-APR-2008 15:35
 Al's Bottle : 08-APR-2008 15:35
 Cal File: ABD1095.d
 Dil Factor: 1.0000
 Integrator: HP Genie
 Compound Sublist: MEDPE4_1_25.sdb
 Subtraction File: \\Target_server\GG\chem\gc10.i\GC10BD25A1.b\ABD3087.d
 Target Version: 4.12
 Processing Host: TARGET02

Katahdin Analytical Services

M - Compound response manually integrated.
 a - Below Limit Of Quantitation (BLOQ).
 a - Target compound detected but, quantitated amount

QC Flag Legend

*042905**CE*

Compounds	CONCENTRATIONS	ON-COLUMN FINA L	REVIEWS CODES	(ug/ml)	(ug/l)	RT EXE RT DLT RT RESPONSE	7229500	1103.80	2040 (M)	MS
9 O-Terphenyl	12.560 12.559 0.001 124578 16.8869 15.9 (AM)					5.144-17.856				
7 Diesel Range Organics	12.560 12.559 0.001 124578 16.8869 15.9 (AM)					5.144-17.856				

Name	Value	Description	Cpnd Variable
DF	1.000	Dilution Factor	Vt
Vt	0.00100	Final Volume (L)	Vo
DR	1.000	Dilution Factor	Local Compound Variable

$$\text{Concentration Formula: } \text{Amt} * \text{DF} * (\text{Vt}/\text{Vo}) * 1000 * \text{CpndVariable}$$

Data file: \\TARGET_SERVER\GG\chem\gc10\GC10BD25A1.b\ABD3093.d
 Lab Smp Id: SB1961-1
 Lab Date: 25-Apr-2008 16:00
 Client Smp ID: MW-A
 Operator: KGT
 Smp Info: DROA021A.M,GC10BD25A1.B,1,SB1961-1
 Method: \\TARGET_SERVER\GG\chem\gc10\GC10BD25A1.B\DR0A021A.m
 Comment: MEDPEP4\1\25 sub
 Dil Factor: 1.00000
 Intergrator: HP Genie
 Compound Sublist: MEDPEP4\1\25 sub
 Target Version: 4.12
 Subtraction File: \\TARGET_Server\GG\chem\gc10\GC10BD25A1.b\ABD3087.d
 Target Host: TARGET02
 Processing Host: TARGET02

Katahdin Analytical Services

Report Date: 29-Apr-2008 08:59
 Data file: \\TARGET_Server\GG\chem\gc10\GC10BD25A1.b\ABD3093.d

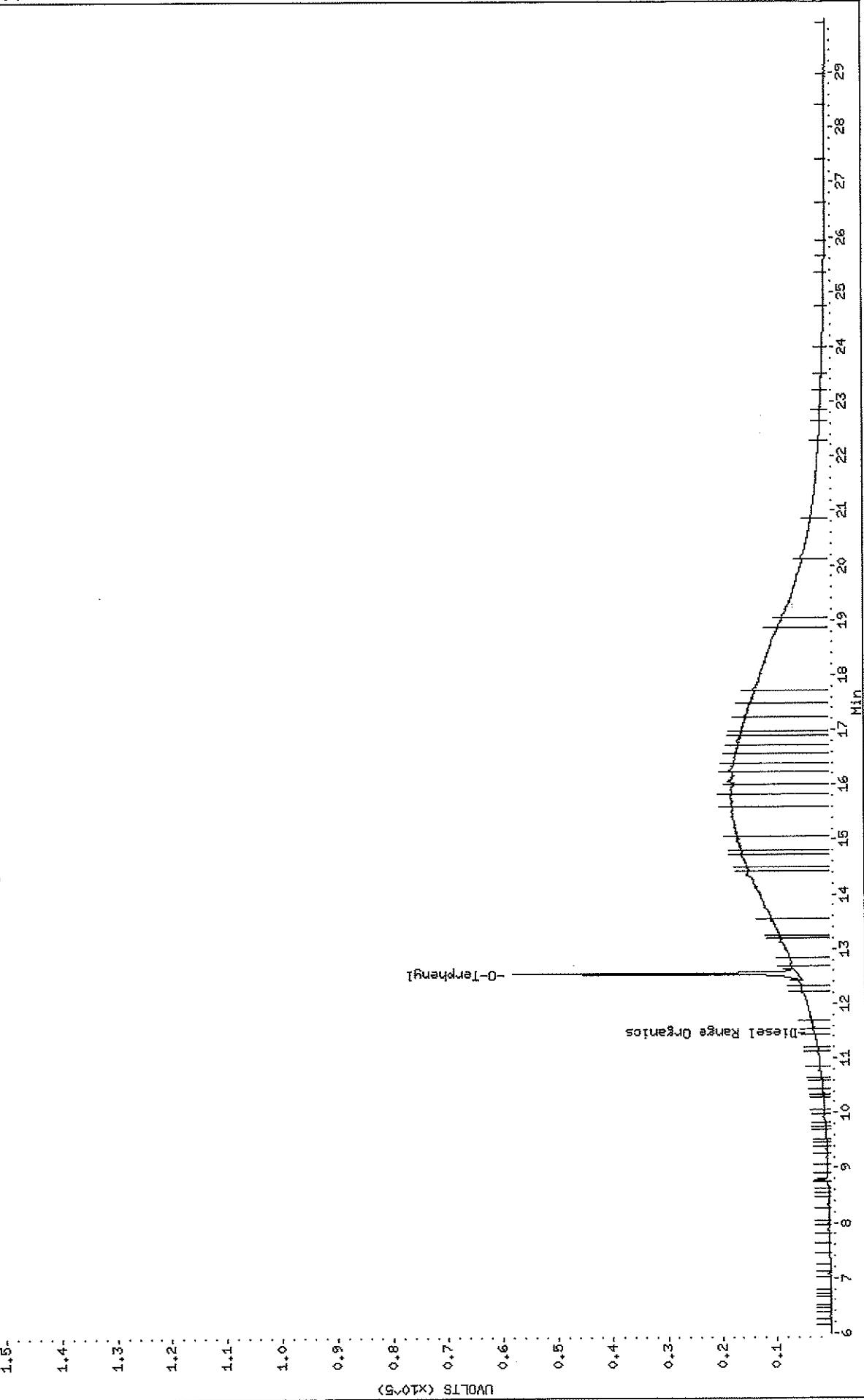
Data File: \\Target_server\GG\chem\gc10.i \GC10BD25A1.b \ABD3093.d
Date : 25-APR-2008 16:00
Client ID: Mai-A
Sample Info: DR0021A.M,GC10BD25A1.B,1,SB1961-1
Purge Volume: 1.1
Column phase: ZB-1

Instrument: gc10.i

Operator: KGT

Column diameter: 0.53

\\\Target_server\GG\chem\gc10.i \GC10BD25A1.b \ABD3093.d



KATHADIN ANALYTICAL SERVICES Report of Analytical Results

KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

Data File: \\target_server\GG\chem\gc04.i\GC04BD23B1.b\4BD2073.d
 Lab Smp Id: SB1961-1
 Client Smp ID: MW-A
 Inj Date: 23-APR-2008 18:17
 Smp Info: GC034A.M,GC04BD23B1.B,1,SB1961-1
 Operator: EKC
 Commment: MDEDP 4.2.17
 Method: \\TARGET_SERVER\GG\chem\gc04.i\GC04BD23B1.B\GR034A.m
 Metrh Date: 24-APR-2008 09:22 ecyr Quant Type: ESTD
 Cal Date: 16-JAN-2008 15:31 Cal File: AB2028.RAW
 ALS bottle: 1
 Dil Factor: 1.00000
 Integrator: HP Genie
 Target Version: 4.12
 Processing Host: TARGET02
 Compound Sublist: MDEDP4\2_17.susb
 Concentration Formula: Amt * DF * 0.005/Vo * CprodVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	0.00500	Sample Volume purged (L)
Cprod Variable		Local Compound Variable

Compounds	RT EXP RT	DLT RT	RESPONSE	FINAL CONCENTRATIONS	ON-COLUMN FINAL REVIEW CODE	
\$ 10 4-BromoFluorobenzene	18.508	18.587	-0.079	93539	18.3914	18.4
=====	=====	=====	=====	=====	=====	=====

Data File: \\target_server\GC\chem\&co4.i\GCO4RD23B1.b\4BD2073.d

Date : 23-APR-2008 18:17

Client ID: MU-A

Sample Info: GROBO3A.M, GCO4BD23B1.B,1,SB1961-1

Purge Volume: 0.0

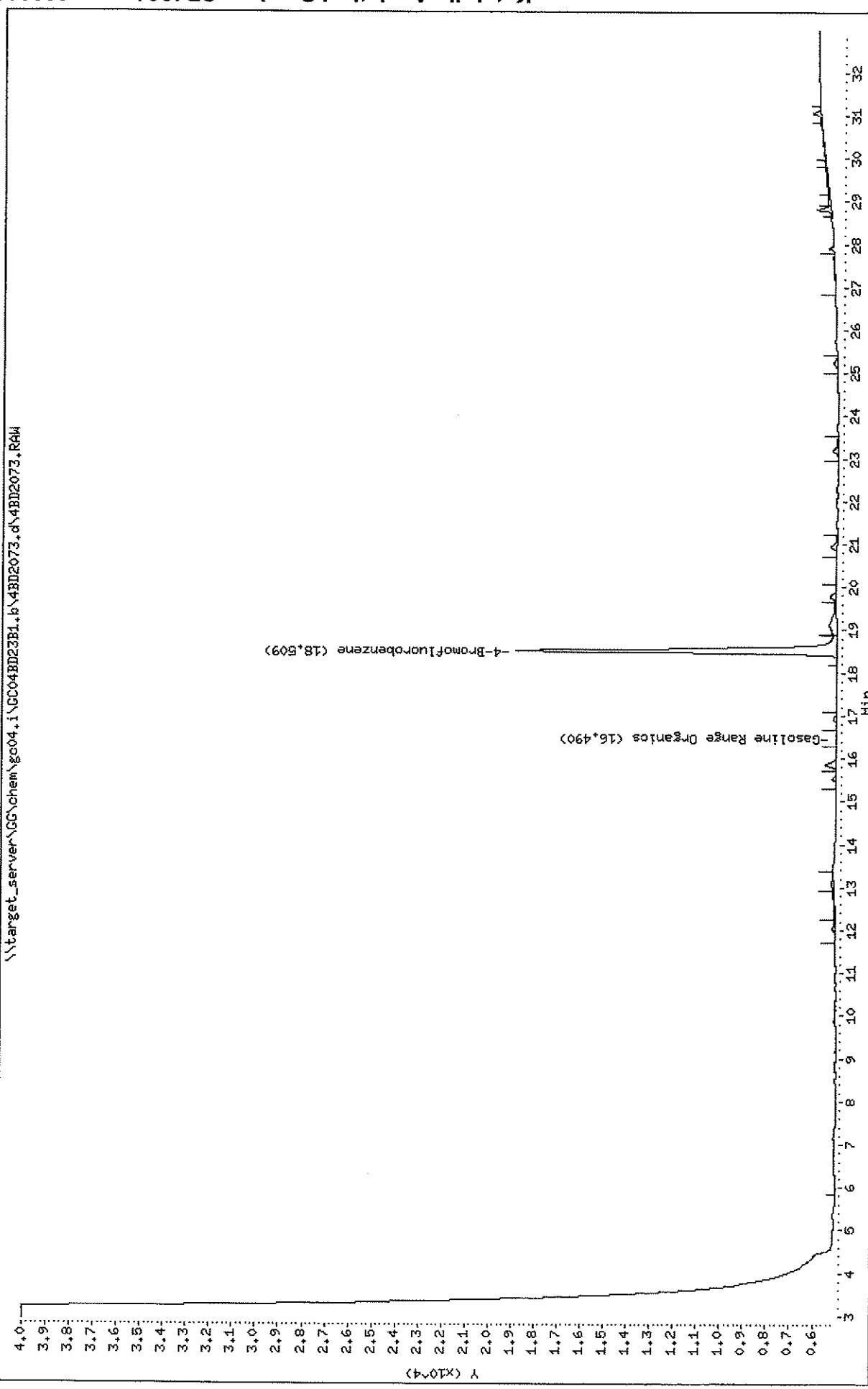
Column Phase: DBURX

Instrument: gc04.i

Operator: EKC

Column diameter: 0.45

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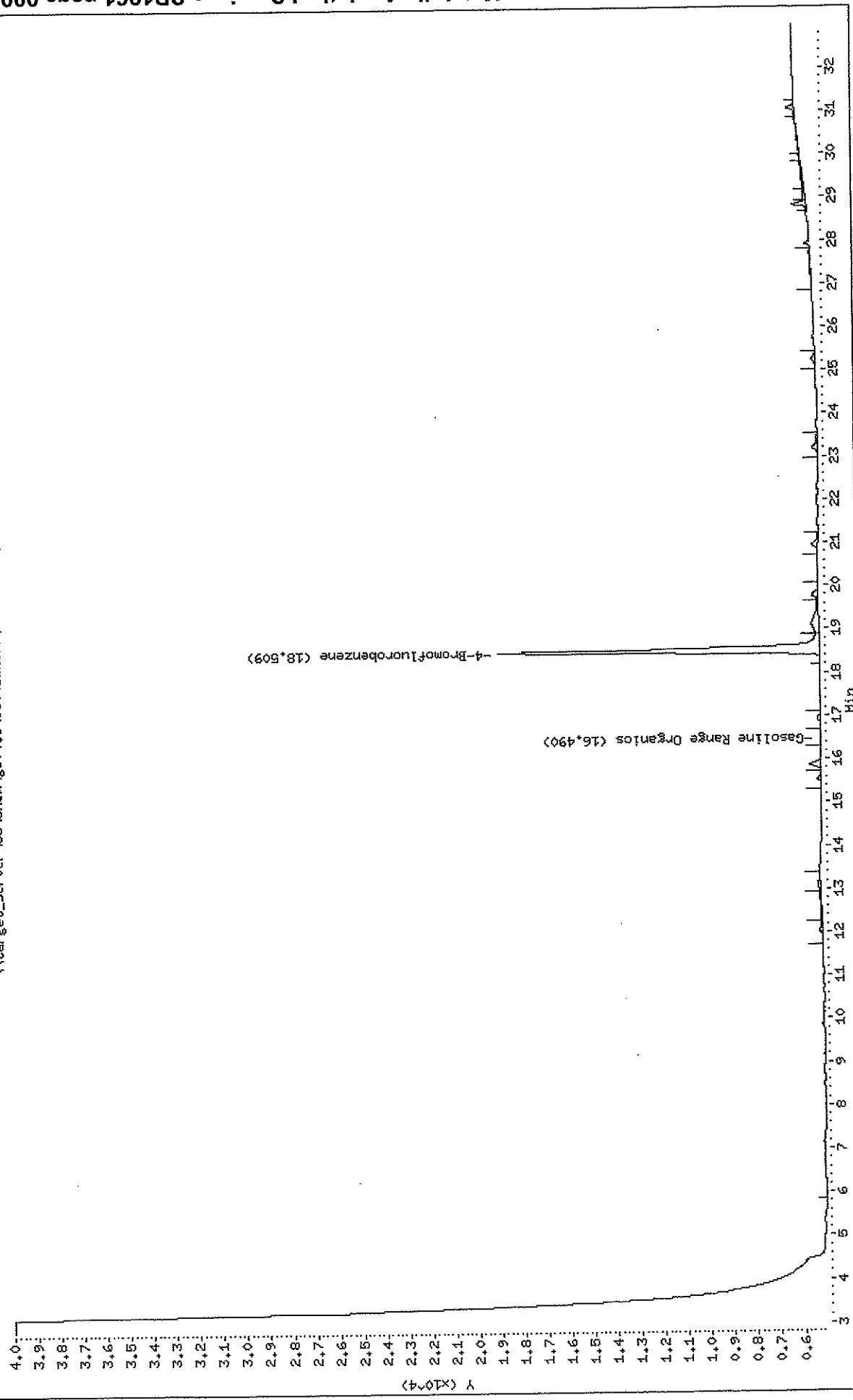
Date File# \target_server\GC\chem\g004.i \GCO4BD23B1.b\4BD2073.d
Date # 23-APR-2008 18:17
Client ID# Hill-A
Sample Info# GROB034A.M, GCO4BD23B1.B-1, SB-961-1
Purge Volume# 0.0
Column Phase# DBVRX

Instrument# g004.i

Operator# EKC

Column diameter# 0.45

\target_server\GC\chem\g004.i\GCO4BD23B1.b\4BD2073.d\4BD2073.RAW



FORM I - IN

Comments:

Bottle ID: I

CAS No.	Analyte	Concentration	C	O	M	DF	Adjusted CRDL	Adjusted MDL
Concentration Units : ug/L								
7440-36-0	ANTIMONY, TOTAL	3.9	B	P	I	8.0	0.78	
7440-38-2	ARSENIC, TOTAL	1.69	U	P	I	8.0	1.69	
7440-39-3	BARIUM, TOTAL	79.6		P	I	5.0	0.59	
7440-43-9	CADMUM, TOTAL	1.5	B	P	I	10	0.04	
7440-47-3	CHROMIUM, TOTAL	0.78	B	P	I	15	0.41	
7440-50-8	COPPER, TOTAL	17.6	B	P	I	25	0.75	
7439-92-1	LEAD, TOTAL	2.4	B	P	I	5.0	0.97	
7439-97-6	MERCURY, TOTAL	0.03	U	CV	I	0.20	0.03	
7440-02-0	NICKEL, TOTAL	35.9	B	P	I	40	0.42	
7782-49-2	SELENIUM, TOTAL	2.3	B	P	I	10	0.96	
7440-22-4	SILVER, TOTAL	0.30	B	P	I	15	0.29	
7440-66-6	ZINC, TOTAL	489		P	I	25	2.22	

CAS#	Compound	Tags	Results	DR	PQI	Adj. PQI	Adj. MDL
75-71-8	Dichlorodifluoromethane	u	2 1.0	2	0.4		
74-87-3	Chloroethylene	u	2 1.0	2	0.6		
75-01-4	Vinyl chloride	u	2 1.0	2	0.6		
74-83-9	Bromomethane	u	2 1.0	2	0.4		
75-00-3	Chloroethane	u	2 1.0	2	0.9		
75-69-4	Trichlorofluoromethane	u	2 1.0	2	0.5		
60-29-7	Diethyl Ether	u	2 1.0	2	0.4		
75-65-0	Tertiary-butyl alcohol	u	1 1.0	1	0.6		
75-35-4	1,1-Dichloroethene	u	1 1.0	2	0.4		
75-15-0	Carbon Disulfide	u	1 1.0	2	0.4		
75-09-2	Methyl Chloride	u	5 1.0	5	0.4		
67-64-1	Acetone	u	5 1.0	5	0.5		
156-60-5	trans-1,2-Dichloroethene	u	2 1.0	1	0.5		
163-40-4	Methyl tert-butyl ether	u	2 1.0	1	0.6		
108-20-3	Di-isopropyl ether	u	2 1.0	1	0.3		
75-34-3	1,1-Dichloroethane	u	2 1.0	1	0.3		
637-92-3	Ethyl tert-butyl ether	u	2 1.0	1	0.4		
156-59-2	cis-1,2-Dichloroethene	u	2 1.0	1	0.3		
594-20-7	2,2-Dichloropropane	u	2 1.0	1	0.3		
67-66-3	Bromoethane	u	2 1.0	1	0.6		
56-23-5	Chloroform	u	2 1.0	1	0.4		
109-99-9	Tetrachloroethane	u	2 1.0	1	0.4		
71-55-6	1,1,1-Trichloroethane	u	2 1.0	1	0.4		
563-58-6	1,1-Dichloroethene	u	2 1.0	1	0.4		
78-93-3	2-Butanone	u	2 1.0	1	0.4		
71-43-2	Benzene	u	5 1.0	5	2		
994-05-8	Tertiary-Amyl methyl ether	u	2 1.0	1	0.4		
207-06-2	1,2-Dichloroethane	u	2 1.0	1	0.3		
79-01-6	Trichloroethene	u	2 1.0	1	0.3		
10061-02-6	trans-1,3-Dichloropropene	u	2 1.0	1	0.2		
79-00-5	1,1,2-Trichloroethane	u	2 1.0	1	0.4		
124-48-1	Dibromochloromethane	u	2 1.0	1	0.3		
142-28-9	1,2-Dichloropropane	u	2 1.0	1	0.4		
106-93-4	1,2-Dibromoethane	u	2 1.0	1	0.3		
591-78-6	2-Hexanone	u	5 1.0	5	1		

KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

Page	01 of 02	T0403.D	Compound	CAS#	Flags	Results	DR	FQI	Adj.	FQI Adj.	MU
75-71-8	Dichlorodifluoromethane	74-87-3	Vinyl chloride	75-01-4	Bromomethane	2	1.0	2	0.4	0.6	0.4
75-00-3	Chloroethane	75-69-4	Trichlorofluoromethane	75-65-0	Dibethyl Ether	2	1.0	2	0.4	0.6	0.6
75-00-3	Chloroethane	75-35-4	1,1-Dichloroethene	60-29-7	Trichloroethane	2	1.0	2	0.4	0.4	0.4
75-00-3	Chloroethane	75-65-0	Tetrahydrofuran-1-butyl Alcohol	75-65-0	Dibutyl Ether	5	1.0	5	0.6	0.6	0.6
67-64-1	Acetone	1634-04-4	trans-1,2-Dichloroethene	156-60-5	trans-1,2-Dichloroethene	5	1.0	5	0.5	0.5	0.5
75-34-3	1,1-Dichloroethane	637-92-3	Butyl tert-butyl ether	156-59-2	cis-1,2-Dichloroethene	1	1.0	1	0.3	0.3	0.3
75-34-3	1,1-Dichloroethane	156-59-2	Butyl tert-butyl ether	594-20-7	cis-1,2-Dichloroethene	1	1.0	1	0.3	0.3	0.3
67-66-3	Chloroform	74-97-5	2,2-Dichloropropane	74-97-5	Bromochloromethane	1	1.0	1	0.6	0.6	0.6
56-23-5	Tetrachloroethane	109-99-9	Carbon Tetrachloride	56-23-5	Chloroform	2	1.0	1	0.4	0.4	0.4
71-55-6	1,1,1-Trichloroethane	71-43-2	Benzene	78-93-3	2-Butanone	5	1.0	5	0.4	0.4	0.4
563-58-6	1,1,1,1-Tetrachloroethane	994-05-8	Tertbutyl-methyl ether	72-43-2	Tertrachloroethane	1	1.0	1	0.3	0.3	0.3
107-06-2	1,2-Dichloroethane	79-01-6	Trichloroethylene	78-87-5	1,2-Dichloropropane	1	1.0	1	0.5	0.5	0.5
75-27-4	Dibromoethane	74-45-3	Dibromomethane	75-27-4	Dibromoethane	1	1.0	1	0.4	0.4	0.4
10061-01-5	cis-1,3-Dichloropropene	108-88-3	Toluene	108-88-3	Toluene	1	1.0	1	0.3	0.3	0.3
10061-02-6	trans-1,3-Dichloropropene	108-10-1	4-methyl-2-pentanone	108-10-1	4-methyl-2-pentanone	5	1.0	5	0.5	0.5	0.5
79-00-5	1,1,2-Trichloroethane	124-48-1	Dibromochloromethane	124-48-1	Dibromochloromethane	1	1.0	1	0.3	0.3	0.3
122-28-9	1,2,3-Dichloropropane	127-18-4	Tetrachloroethylene	127-18-4	Tetrachloroethylene	1	1.0	1	0.4	0.4	0.4
1206-93-4	1,2-Dibromoethane	124-48-1	1,1,2-Trichloroethane	124-48-1	1,1,2-Trichloroethane	1	1.0	1	0.4	0.4	0.4
591-78-6	2-Hexanone					5	1.0	5	0.3	0.3	1

Compound	Tags	Results	DR	PQI	Add.	PQL	Add.	MDS
108-90-7 Chlorobenzene	U	1.0	1	1	0.4			
100-41-4 Ethylbenzene	U	1.0	1	1	0.4			
630-20-6 1,1,2-Tetrachloroethane	U	1.0	1	1	0.5			
1330-20-7 Xylenes (total)	U	1.0	3	3	0.4			
95-47-6 o-Xylene	U	1.0	2	2	1.0			
75-25-2 Styrene	U	1.0	2	1	0.3			
98-82-8 Bromoform	U	1.0	2	1	0.3			
108-86-1 Isopropylbenzene	U	1.0	2	1	0.5			
79-34-5 N-Propylbenzene	U	1.0	1	1	0.4			
79-34-5 1,1,2,2-Tetrachloroethane	U	1.0	1	1	0.5			
108-67-8 1,3,5-Trimethylbenzene	U	1.0	1	1	0.4			
95-49-8 2-Chlorotoluene	U	1.0	1	1	0.5			
96-18-4 1,2,3-trichloropropane	U	1.0	1	1	0.4			
106-43-4 4-Chlorotoluene	U	1.0	1	1	0.4			
98-06-6 tert-Butylbenzene	U	1.0	2	1	0.4			
95-63-6 P-isopropyltoluene	U	1.0	1	1	0.4			
99-87-6 1,2,4-Trimethylbenzene	U	1.0	1	1	0.4			
541-73-1 1,3-Dichlorobenzene	U	1.0	2	1	0.4			
104-46-7 1,4-Dichlorobenzene	U	1.0	1	1	0.5			
104-51-8 N-butylbenzene	U	1.0	2	1	0.4			
135-98-8 Sec-Butylbenzene	U	1.0	2	1	0.4			
95-50-1 1,2-Dichlorobenzene	U	1.0	1	1	0.4			
96-12-8 1,2-Dibromo-3-Chloropropane	U	1.0	1	1	0.7			
87-68-3 Hexachlorobutadiene	U	1.0	1	1	0.5			
120-82-1 1,2,4-Trichlorobenzene	U	1.0	1	1	0.3			
91-20-3 Napthalene	U	1.0	1	1	0.4			
17060-07-0 1,2-Dichloroethane	U	1.0	1	1	0.4			
2037-26-5 Toluene	U	1.0	1	1	0.5			
460-00-4 P-Bromofluorobenzene	U	1.0	1	1	0.5			

Compound	Tags	Results	DR	PGL	Adj. PGL	Adj. MDL	Page	of 02	R7846.D
62-75-9 N-Nitrosodimethylamine	u	10	1.0	10	30	4			
110-96-1 Pyridine	u	50	1.0	50	50	3			
62-53-3 Aniline	u	50	1.0	25	25	3			
108-95-2 Phenol	u	25	1.0	25	25	3			
95-57-8 Bis(2-Chloroethyl) ether	u	10	1.0	10	10	4			
100-51-6 Benzyl alcohol	u	10	1.0	10	10	4			
95-48-7 2-Methylphenol	u	20	1.0	20	20	3			
108-60-1 2,2'-Oxybis(2-chloropropane)	u	10	1.0	10	10	4			
62-1-64-7 N-Nitrosodi-n-propylamine	u	10	1.0	10	10	2			
65794-96-9 3,4-Methylphenol	u	10	1.0	10	10	5			
67-72-1 Hexachloroethane	u	10	1.0	10	10	5			
98-95-3 Nitrobenzene	u	10	1.0	10	10	3			
78-59-1 Trisopropone	u	10	1.0	10	10	3			
88-75-5 2-Nitroprophenol	u	10	1.0	10	10	5			
105-67-9 2,4-Dimethylphenol	u	10	1.0	10	10	9			
111-91-1 Bis(2-Chloroethoxy)methane	u	10	1.0	10	10	9			
65-85-0 Benzotriac acid	u	10	1.0	10	10	2			
120-83-2 2,4-Dichlorophenol	u	25	1.0	25	25	17			
87-65-0 2,6-Dichlorophenol	u	10	1.0	10	10	4			
95-58-7 2-Chloronaphthalene	u	25	1.0	25	25	6			
88-74-4 2-Nitroanisole	u	10	1.0	10	10	5			
131-11-3 Dimethyl Phthalate	u	25	1.0	25	25	4			
606-20-2 2,6-Dinitrotoluene	u	10	1.0	10	10	8			
208-96-8 Acenaphthylene	u	10	1.0	10	10	3			
99-09-2 3-Nitroaniline	u	25	1.0	25	25	5			
83-32-9 Acenaphthylene	u	10	1.0	10	10	2			
132-64-9 Diphenoxinol	u	10	1.0	10	10	3			
100-02-7 4-Nitrophenol	u	10	1.0	10	10	3			
86-73-7 Fluorene	u	10	1.0	10	10	6			
700-57-3 4-Chlorophenyl-phenoxyether	u	10	1.0	10	10	3			
100-01-6 4-Nitroaniline	u	10	1.0	10	10	3			
58-90-2 2,3,4,6-Tetrachlorophenol	u	10	1.0	10	10	6			
121-14-2 2,4-Dinitrotoluene	u	10	1.0	10	10	4			
51-28-5 2,4-Dinitrophenol	u	25	1.0	25	25	14			
132-64-9 Diphenoxinol	u	25	1.0	25	25	14			
100-02-7 4-Nitrophenol	u	10	1.0	10	10	3			
86-73-7 Fluorene	u	10	1.0	10	10	6			
700-57-3 4-Chlorophenyl-phenoxyether	u	10	1.0	10	10	3			
100-01-6 4-Nitroaniline	u	10	1.0	10	10	3			
534-52-1 4,6-Dinitro-2-Methylphenol	u	25	1.0	25	25	16			

Report of Analytical Results
KATADIN ANALYTICAL SERVICES
Client: Acadia Environmental
PO No: Project: 099-003
Sample Date: 04/16/08 Recieved Date: 04/17/08
Extraction Method: SW846 3510 Extraction Method: SW846 3510
Analyt: JCG Analyt: JCG
Matrix: Water Report Date: 05/07/2008
Analysts Date: 05-MAY-2008 17:21 Matrix: Water
Lab Preps Method: SW846 8270C Lab Preps Batch: MG50612
Analysts Method: SW846 8270C Analysts Method: SW846 8270C
Report Date: 05/07/2008 Matrix: Water
Report Date: 04/23/08 Matrix: Water
Extraction Method: SW846 3510 Extraction Method: SW846 3510
Extraction Method: SW846 3510 Extraction Method: SW846 3510
SDG: SB1961 SDG: SB1961
Cleant ID: MW-B Cleant ID: MW-B
Lab ID: SB1961-2 Lab ID: SB1961-2
Project: 099-003 Project: 099-003
SDG: SB1961 SDG: SB1961
% Solids: NA % Solids: NA

Project ID:	Acadia Environmental	Lab ID:	SB1961-2	SDG:	SB1961	Extraction Method:	SW846 3510	Extraction by:	KF	Received Date:	04/16/08	Extraction Date:	04/17/08	Report Date:	04/23/08	Report Date:	05-MAY-2008 17:21	Analyst:	JCG	Method:	SW846 8270C	Analysts Method:	SW846 8270C	Matrix:	WATER	% Solids:	N/A
CAS#	Compound	Flags	Results	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm							
62-75-9	N-Nitrosodimethylamine	u	10	1.0	10	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
110-86-1	Pryidine	u	50	1.0	50	50	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
62-53-3	Aniline	u	25	1.0	25	25	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
108-95-2	Phenol	u	10	1.0	10	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
95-57-8	2-Chlorophenol	u	10	1.0	10	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
100-51-6	Benzyl alcohol	u	20	1.0	20	20	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
95-48-7	2-Methylphenol	u	10	1.0	10	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
108-60-1	2,2'-Oxybis(2-chloropropane)	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
621-64-7	N-Nitrosodimethylamine	u	10	1.0	10	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2							
65794-96-9	3,4-Methylphenol	u	10	1.0	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
67-72-1	Hexachloroethane	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
78-59-3	Nitrobenzene	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
78-75-5	Isophorone	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
105-67-9	2,4-Dimethylphenol	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
120-83-2	2,4-Dichlorophenol	u	10	1.0	10	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
87-65-0	2,6-Dichlorophenol	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
106-47-8	4-Chloroanisole	u	10	1.0	10	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
59-50-7	4-Chloro-3-Methylphenol	u	25	1.0	25	25	6	6	6	6	6	6	6	6	6	6	6	6	6	6							
91-58-7	2-Chloromaphthaleine	u	10	1.0	10	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
88-74-4	2-Nitroanisole	u	25	1.0	25	25	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
131-11-3	Dimethyl Phthalate	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
606-20-2	2,6-Dinitrotoluene	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
208-96-8	Acenaphthylene	u	10	1.0	10	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2							
99-09-2	3-Nitroanisole	u	10	1.0	10	10	2	2	2	2	2	2	2	2	2	2	2	2	2	2							
83-32-9	Acenaphthene	u	25	1.0	25	25	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
51-28-5	2,4-Dinitrophenol	u	10	1.0	10	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
132-64-9	Dibenzofuran	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
100-02-7	4-Nitrophenol	u	25	1.0	25	25	6	6	6	6	6	6	6	6	6	6	6	6	6	6							
7005-72-3	4-Chlorophenyl-phenylether	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
84-66-2	Dibenzylphthalate	u	10	1.0	10	10	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
58-90-2	2,3,4,6-Tetrachlorophenol	u	10	1.0	10	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4							
121-14-2	2,4-Dinitrotoluene	u	25	1.0	25	25	12	12	12	12	12	12	12	12	12	12	12	12	12	12							
534-52-1	4,6-Dinitro-2-Methylphenol	u	25	1.0	25	25	16	16	16	16	16	16	16	16	16	16	16	16	16	16							

KATHADIN ANALYTICAL SERVICES Report of Analytical Results

CAS#	Compound	Flags	Results	DR	PQL	Adj. PQL	Adj. MSL
86-30-6	N-Nitrosodiphenylamine	u	10	1.0	10	10	5
122-66-7	1,2-Diphenylhydrazine	u	20	1.0	20	20	6
101-55-3	4-Bromophenyl-phenylLether	u	10	1.0	10	10	2
87-96-5	Penetacchlorophenol	u	25	1.0	25	25	9
85-01-8	Phenanthrene	u	10	1.0	10	10	2
120-12-7	Anthracene	u	10	1.0	10	10	3
86-74-8	Carbazole	u	10	1.0	10	10	4
206-44-0	Di-n-butylphthalate	u	10	1.0	10	10	3
92-87-5	Benzidine	u	50	1.0	50	50	8
85-68-7	Butylbenzylphthalate	u	10	1.0	10	10	4
56-55-3	Benzzo(a)anthracene	u	10	1.0	10	10	2
91-94-1	3,3'-Dichlorobenzidine	u	10	1.0	10	10	6
218-01-9	Chrysene	u	10	1.0	10	10	2
117-81-7	bis(2-Ethylhexyl)phthalate	u	10	1.0	10	10	8
117-84-0	Di-n-octylphthalate	u	10	1.0	10	10	8
205-99-2	Benzzo(b)furananthene	u	10	1.0	10	10	2
207-08-9	Benzzo(k)furananthene	u	10	1.0	10	10	3
50-32-8	Benzzo(a)fluoranthene	u	10	1.0	10	10	2
193-39-5	Tinocene (1,2,-cd)pyrene	u	10	1.0	10	10	6
53-70-3	Dibenzzo(a,h)anthracene	u	10	1.0	10	10	4
191-24-2	Benzzo(g,h,f)perylene	u	10	1.0	10	10	5
367-12-4	2,2,2-Triuropheanol	*	20%	11%	11%	11%	5
13127-88-3	Phenol-D6	u	10	1.0	10	10	5
4165-60-0	Nitrobenzenene-DS	*	50%	* 50%	* 57%	2,4,6-Tribromophenol	118-79-6
3221-60-8	2,2,2-Triuropheanol	*	20%	11%	11%	11%	1718-51-0

Project: 099-003
Client: Acadia Environmental
PO No.:
Sample Date: 04/16/08
Received Date: 04/17/08
Extraction Date: 04/23/08
Analysis Date: 05-MAY-2008
Report Date: 05/07/2008
Matrix: WATER
Solids: %

KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

Client:	Acadia Environmental	Project:	099-003
Lab ID:	SB1961-2	Clinent ID:	MW-B
SDG:	SB1961	Extraceted by:	KF
Sample Date:	04/16/08	Received Date:	04/17/08
Extraction Method:	SW846 3510	Extraction Date:	04/21/08
Analyst:	SJC	Analysts Method:	SW846 8082
Matrix:	Lab Prep Batch: MG50539	Analysts Date:	25-APR-2008 00:13
Matrix Date:	04/25/2008	Report Date:	04/25/2008
Matrix Matrix:	WATER		

CAS#	Compound	Flags	Results	DP	PDI	Adj.PDI	Adj.MDL
12674-11-2	ATOCLOR-1016	U	0.50	1.0	0.50	0.50	0.38
11104-28-2	ATOCLOR-1221	U	0.50	1.0	0.50	0.50	0.16
11141-16-5	ATOCLOR-1232	U	0.50	1.0	0.50	0.50	0.26
53469-21-9	ATOCLOR-1242	U	0.50	1.0	0.50	0.50	0.20
12672-29-6	ATOCLOR-1248	U	0.50	1.0	0.50	0.50	0.18
11097-69-1	ATOCLOR-1254	U	0.50	1.0	0.50	0.50	0.24
11109-82-5	ATOCLOR-1260	U	0.50	1.0	0.50	0.50	0.25
877-09-8	Tetrachloro-m-xylylene	U	0.50	1.0	0.50	0.50	0.9%
2051-24-3	Decachlorobiphenyl	*					99%

KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

R - Spike/Surrogate failed recovery limits.

M - Compound response manually integrated.

QC Flag Legend

Name	Value	Description	Cpnd Variable
DF	1.000	Dilution Factor	VO
Vt	0.01000	Volume of final extract (L)	1.060
Am	1.000	Dilution Factor	Local Compound Variable
CONCENTRATIONS	RT EXP RT DLT RT	ON-COL RESPONSE (ug/ml) (ug/l)	TARGET RANGE
RT	EXP RT DLT RT	FINAL	RATIO
<hr/>			
\$ 3 Tetrachloro-m-xylene	4.713 -0.013	130050 0.08957	CAS #: 877-09-8
\$ 12 Decachlorobiphenyl	17.513 17.513 0.000	103741 0.09870	CAS #: 2051-24-3
			(RM) MS

Concentration Formula: Am * DF * Vt * (1/VO) * CpndVariable

Data File: \\target_server\GG\chem\gc06.1\GC06BD23A1.b\6BD3254.d

Lab Smp Id: SB1961-2

Inj Date: 25-Apr-2008 00:13

Smp Info: PCBA091A.M,GC06BD23A1.B,1,SB1961-2

Operrator : SUCL

Inst ID: gc06.1

Misc Info : SW846 8082

Comment : \\TARGET_SERVER\GG\chem\gc06.1\GC06BD23A1.B\PCBA091A.M

Method : 25-Apr-2008 11:06 Scobby Quant Type: ESTD

Meth Date : 21-APR-2008 15:06 Cal File: 6BD3165.d

Cal Date : 21-APR-2008 15:06 Cal File: 6BD3165.d

Al's bottle: 1

DF1 Factor: 1.00000

Integrator: HP Genie

Target Version: 4.12

Compound Sublist: SW8082.sub

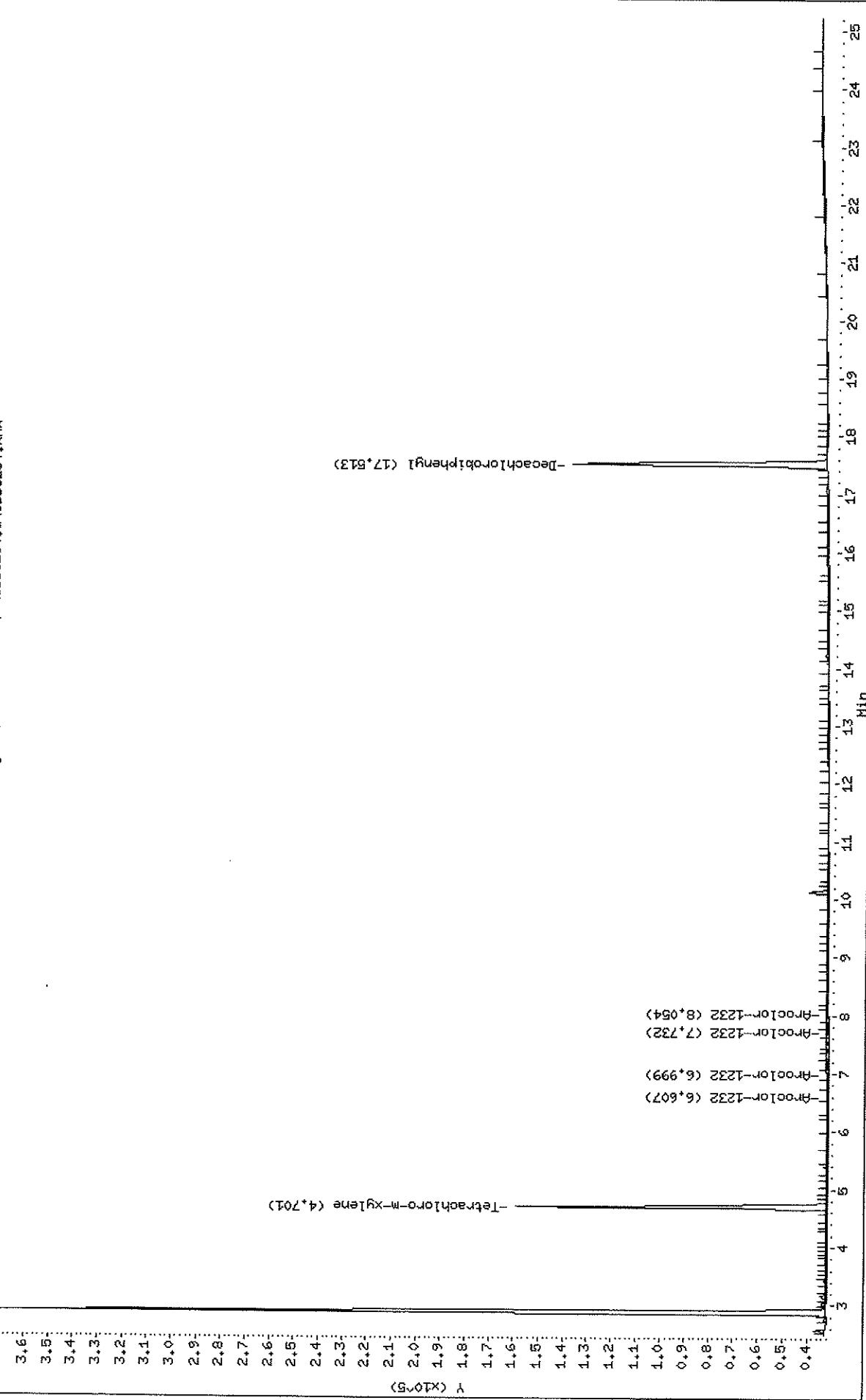
Sample Matrix: WATER

Processing Host: TARGET02

Data File: \\target_server\GC\chem\g006.i \GC06BD23A1.b\6BD3254.d
Date : 25-APR-2008 00:13
Client ID: Hkl-B
Sample Info: PCB4091A.H,GC06BD23A1,B,1,SB1961-2
Purge Volume: 1.1
Column phase: ZB-Multiresidue-1

Instrument: g006.i
Operator: SJC
Column diameter: 0.53

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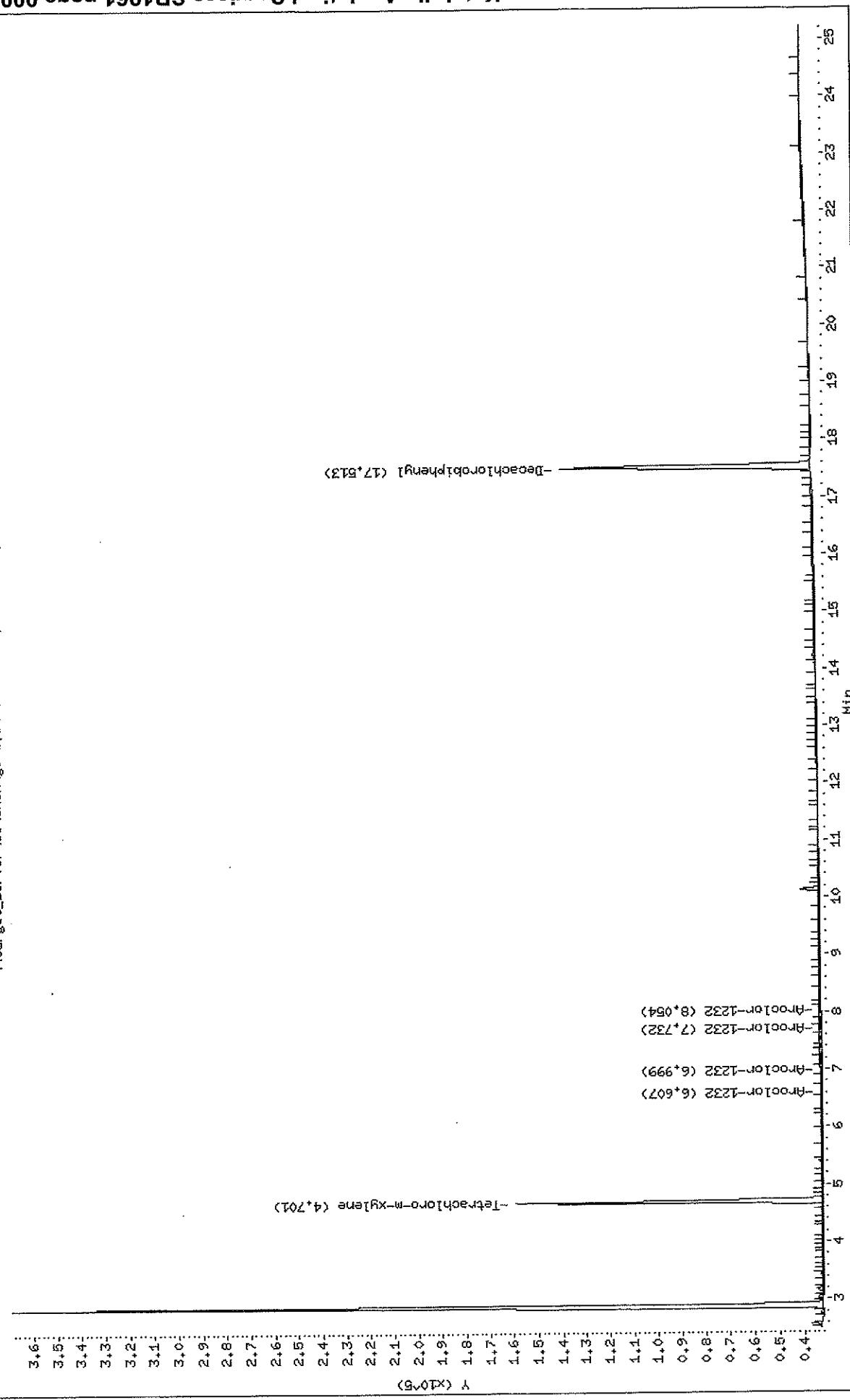
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Date : 25-APR-2008 00:13
Client ID: MW-B
Sample Info: PCBA031A+H,GC06B123A1.B,1,SB1961-2
Purge Volume: 1.1
Column Phase: ZB-Multiresidue-L

Instrument: gc06.i

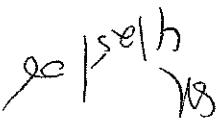
Operator: SJC

Column diameter: 0.53

\\target_server\GC\chem\gc06.i\GC06B123A1.b\6BN3254.RAW



M - Compound response manually integrated.

QC Flag Legend


RT	EXP RT	DIT RT	ON-COL	FINAL	RESPONSE (ug/ml)	(ug/l)	TARGET RANGE	RATIO	REVIEW CODE
5.213	5.245	-0.032			113418 0.08119	0.766	CAS #: 877-09-8		
18.353	18.393	-0.040			82075 0.08938	0.843	(M)	MS	
\$ 12 Decachlorobiphenyl									
CAS #: 2051-24-3									

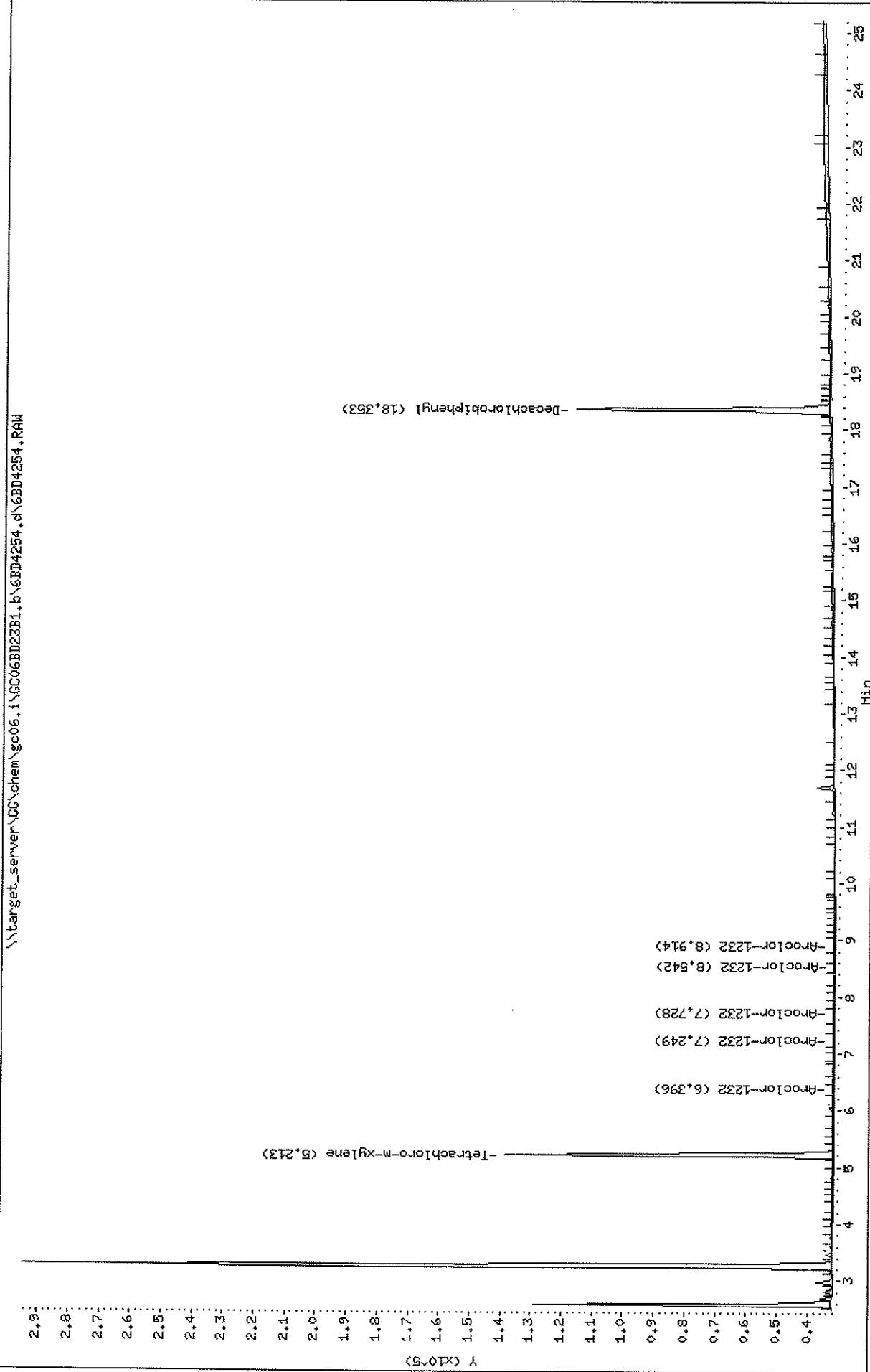
Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} * (1/\text{V0}) * \text{Cpd Variable}$

Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.01000	Volume of final extract (L)
V0	1.060	Volume of sample extracted (L)
Cpd Variable		Local Compound Variable

Data File: \\target_server\GC\chem\gc06.i \GC06BD23B1.b\6BD4254.d
Date : 25-APR-2008 00:13
Client ID: MW-B
Sample Info: PCB091A.M, GC06BD23B1.B,1,SB1961-2
Purge Volume: 1.1
Column Phase: ZB-Multiresidue-2

Instrument: gc06.i
Operator: SJC
Column diameter: 0.53

\\target_server\GC\chem\gc06.i \GC06BD23B1.b\6BD4254.d\6BD4254.RAW

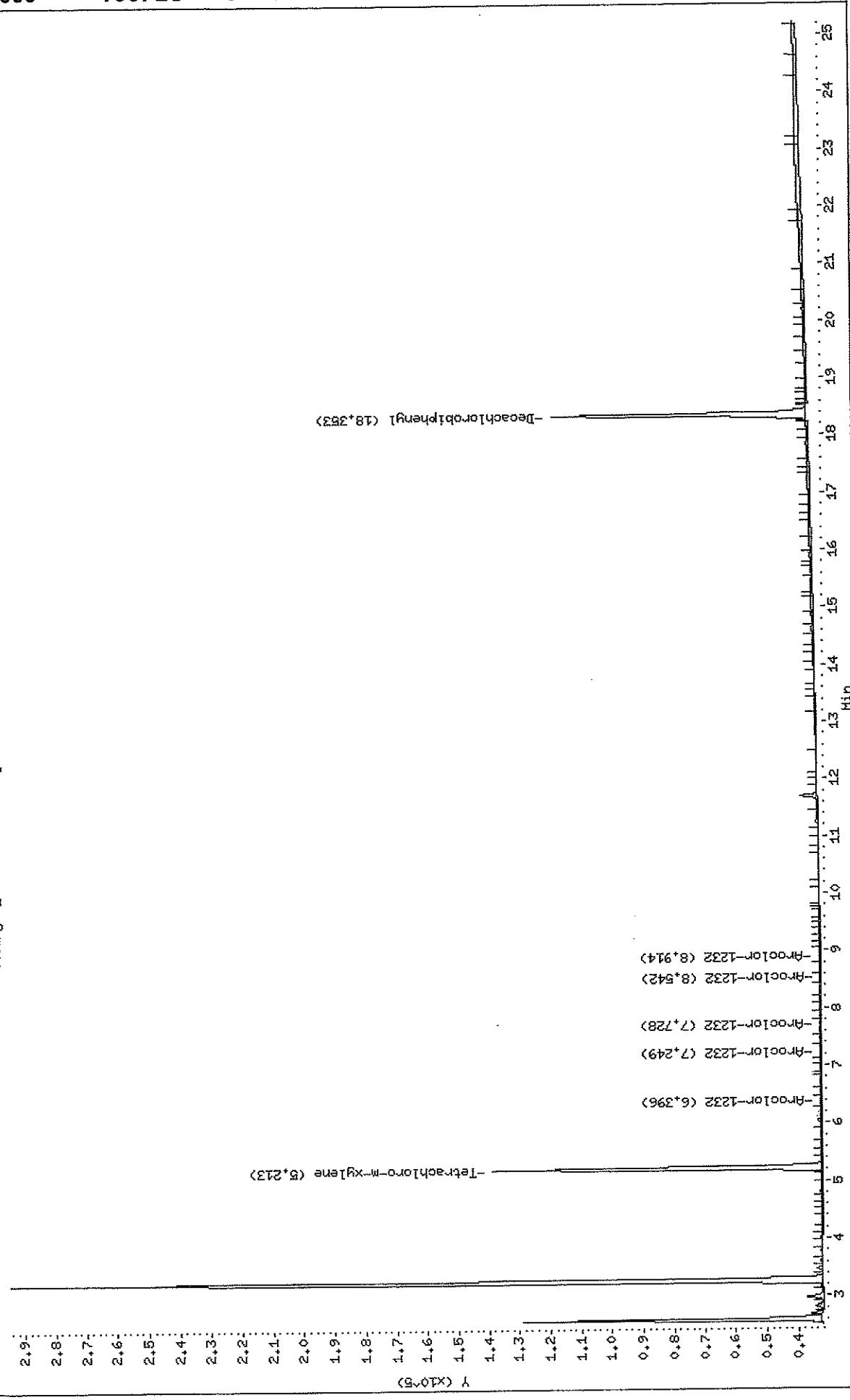


Data File: \\target_server\GC\chem\gco6.1\GC06BD23B1.b\6RD4254.d
Date : 25-APR-2008 00:41:33
Client ID: HII-B
Sample Info: PCBB091A.M, GCO6BD23B1.B,1,SBM1961-2
Purge Volume: 1.1
Column Phase: ZB-Multiresidue-2

Instrument: gco6.1

Operator: SJC
Column diameter: 0.53

\\target_server\GC\chem\gco6.1\GC06BD23B1.b\6RD4254.d\Raw



Client: Acadia Environmental
 Project: 099-003
 Lab ID: SB1961-2
 Client ID: MW-B
 SDG: SB1961
 PO No:
 Sample Date: 04/16/08
 Received Date: 04/17/08
 Extraction Method: SW846 3510
 Extracted by: KF
 Analyte: KGR
 Analysts Method: MDEP 4.1.25
 Lab Prep Batch: MG50565
 Units: ug/L
 Matrix: WAT/BR
 Report Date: 04/29/2008
 Analysts Date: 25-APR-2008 16:37
 Extraction Date: 04/22/08
 % Solids: NA
 CAG# Compound Diesel Range Organics O-Terphenyl
 Flags Results DR PQL Adj.PQL Adj.MDL
 240 1.0 50 50 32
 76%
 Page 01 of 01 ABD3094.d

- M - Compound response manually integrated.
 a - Below Limit of Quantitation (BLQ).
 a - Target compound detected but, quantitated amount

QC Flag Legend

Compounds									
	RT	EXP RT	DIF RT	RESPONSE	ON-COLUMN	FINAL	CONCENTRATIONS	REVIEW CODE	MS
\$ 9 O-Terphenyl	12.560	12.559	0.002	122460	125.2026	1691139	5.144-17.856	14.3 (AM)	238 (M)
S 7 Diesel Range Organics	-----	-----	-----	-----	-----	-----	-----	-----	-----

Name	Description	Value	Cpd Variable
VT	1.000 Dilution Factor	0.00100 Final Volume (L)	VO
DF	-----	1.060 Sample Volume (L)	Local Compound Variable
	-----	-----	Cpd Variable

Concentration Formula: Amt * DF * (VT/VO) * 1000 * CpdVariable

Data File: \\TARGET_SERVER\GG\chem\gc10.1\GC10BD25A1.b\ABD3094.d
 Lab Smp Id: SB1961-2
 Inj Date: 25-APR-2008 16:37
 Client Smp ID: MW-B
 Method: \\TARGET_SERVER\GG\chem\gc10.1\GC10BD25A1.b\DRO021A.m
 Comment:
 Smp Info: DRO021A.M,GC10BD25A1.B,1,SB1961-2
 Msc Info: MEDEP 4.1.25
 Operator: KGT
 Inst ID: gc10.1
 Meth Date: 28-APR-2008 08:39 Jprescott Quant Type: ESTD
 Cal Date: 08-APR-2008 15:35 Cal File: ABD1095.d
 A1s bottle: 1
 D1l Factor: 1.00000
 Intergrator: HP Genie
 Compound Sublist: MEDEP4_1_25,sub
 Subtraction File: \\TARGET_Server\GG\chem\gc10.1\GC10BD25A1.b\ABD3087.d
 Target Version: 4.12
 Processing Host: TARGET02

Katahdin Analytical Services

QC Flag Legend

Compounds							
	RT	EXE RT	DLT RT	RESPONSE (ug/mL)	PINTA (ug/L)	REVIEW CODES	MS
\$ 9 O-Terphenyl	12.560	12.559	0.001	112460	15.2026	14.3 (AM)	
7 Diesel Range Organics				1691139	252.412	238 (M)	

M - Compound response manually integrated.
 a - Target compound detected but, quantitated amount below Limit of Quantitation (BLQ).
 b - Below Limit of Quantitation (BLQ).

$$\text{Concentration Formula: } \text{Amt} * \text{DF} * (\text{Vt}/\text{Vo}) * 1000 * \text{Cpd Variable}$$

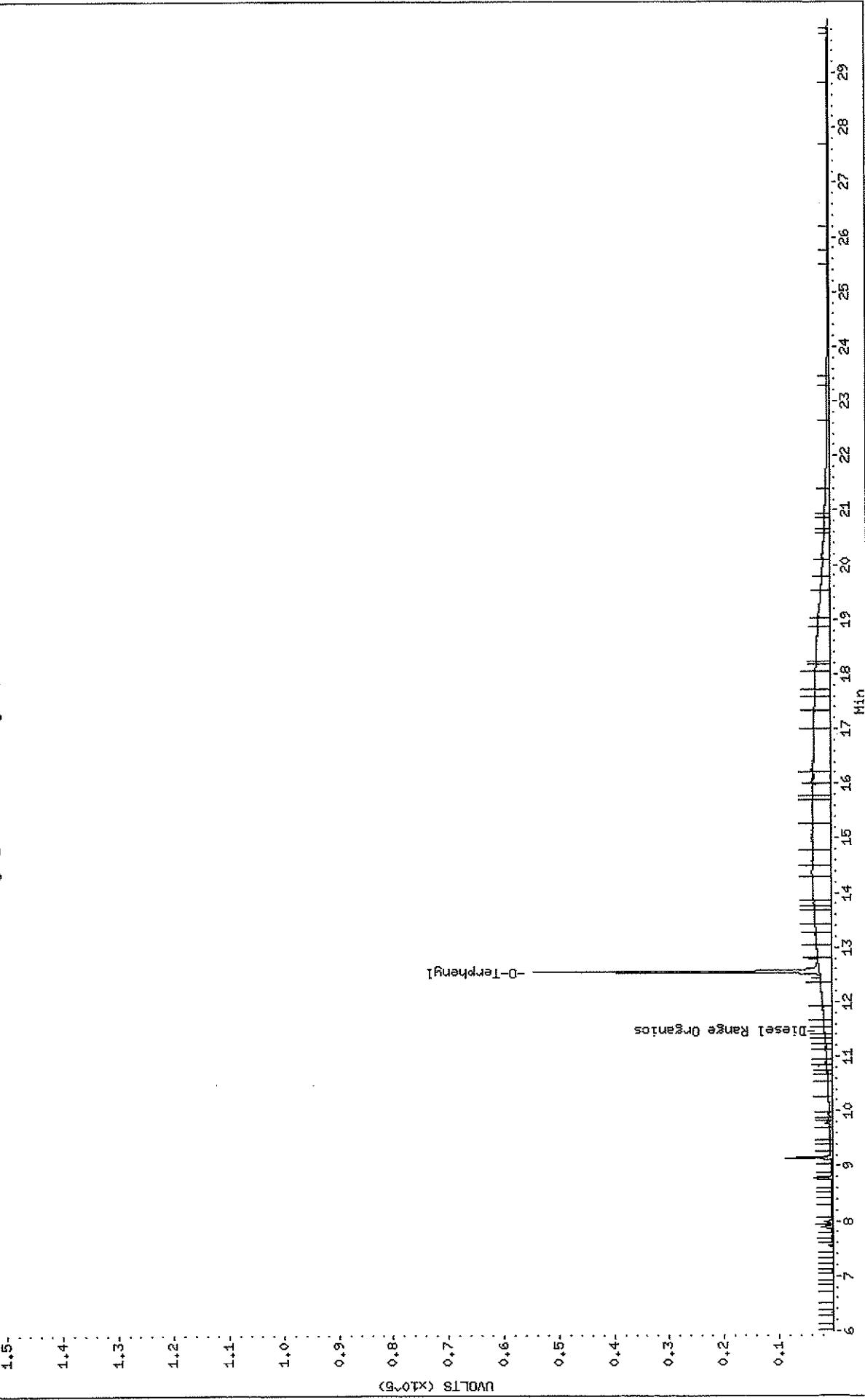
Name	Value	Description
DF	1.000	Dilution Factor
Vt	0.00100	Final Volume (L)
Vo	1.060	Sample Volume (L)
Cpd Variable		Local Compound Variable

Comment : MEDEP4_1_25.xls
 Method : \\TARGET_SERVER\GG\chem\gc10.1\GC10BD25A1.B\DR0A021A.m
 Sample Info : DR0A021A.M,GC10BD25A1.B,1,SB1961-2
 Operator : KGT
 Inj Date : 25-APR-2008 16:37
 Lab Smp Id: SB1961-2
 Client Smp ID: MW-B
 Lab Smp Id: \\TARGET_SERVER\GG\chem\gc10.1\GC10BD25A1.B\ABD3094.d
 Data File : \\TARGET_SERVER\GG\chem\gc10.1\GC10BD25A1.B\ABD3094.d
 Report Date: 29-APR-2008 08:59
 Data File: \\TARGET_SERVER\GG\chem\gc10.1\GC10BD25A1.B\ABD3094.d

Data File: \\Target_server\GG\chem\gc10.i\GC10BD25A1.b\ABD3094.d
Date : 25-APR-2008 16:37
Client ID: MN-B
Sample Info: DR0021A.M,GC10BD25A1.B,1,SB1961-2
Purge Volume: 1.1
Column Phase: 23-1

Instrument: gc10.i
Operator: KGT
Column diameter: 0.53

\\Target_server\GG\chem\gc10.i\GC10BD25A1.b\ABD3094.d



KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client:	Acadia Environmental
PO No.:	099-003
Lab ID:	SB1961-2
Client ID:	MW-B
SDG:	SB1961
Extracted by:	
Extraction Method:	SW846 5030B
Analyst:	EKC
Analysts Method:	MEDEP 4.2.17
Lab Prep Batch:	MG50560
Units:	ug/L
Report Date:	23-APR-2008 18:56
Extraction Date:	04/17/08
Sample Date:	04/16/08
Received Date:	04/17/08
Analysts Date:	04/25/2008
Matrix:	WATER
% Solids:	N/A
CAS#	Compound
460-00-4	Gasoline Range Organics
	4-BromoFluorobenzene
Flags	Results DR
U	10 1.0 10 10 10 6.6
	Adj.FQI Adj.FQI Adj.MDL
Page	01 of 01
	4BD2074.d

KATAHDIN ANALYTICAL SERVICES
Report of Analytical Results

Client: Acadia Enviroscience	Project: 099-003	PO No:	Sample Date: 04/16/08	Received Date: 04/17/08	Extraction Date:	Analytical Date: 23-APR-2008 18:56	Report Date: 04/25/2008	Matrix: WATER	% Solids: N/A
Lab ID: SB1961-2	Client ID: MW-B	SDG: SB1961	Extracted by:	Extraction Method: SW846 5030B	Analyst: BKC	Analyst's Method: MEDEP 4.2.17	Lab Prep Batch: WG50560	Units: ug/L	
CAS#	Compound	Gasoline Range Organics	U	Results DR	Adj. PGL	Adj. MDL	01 of 01	ABD2074.d	Page
460-00-4	4-Bromofluorobenzene		96%	1.0	1.0	1.0	460-00-4		

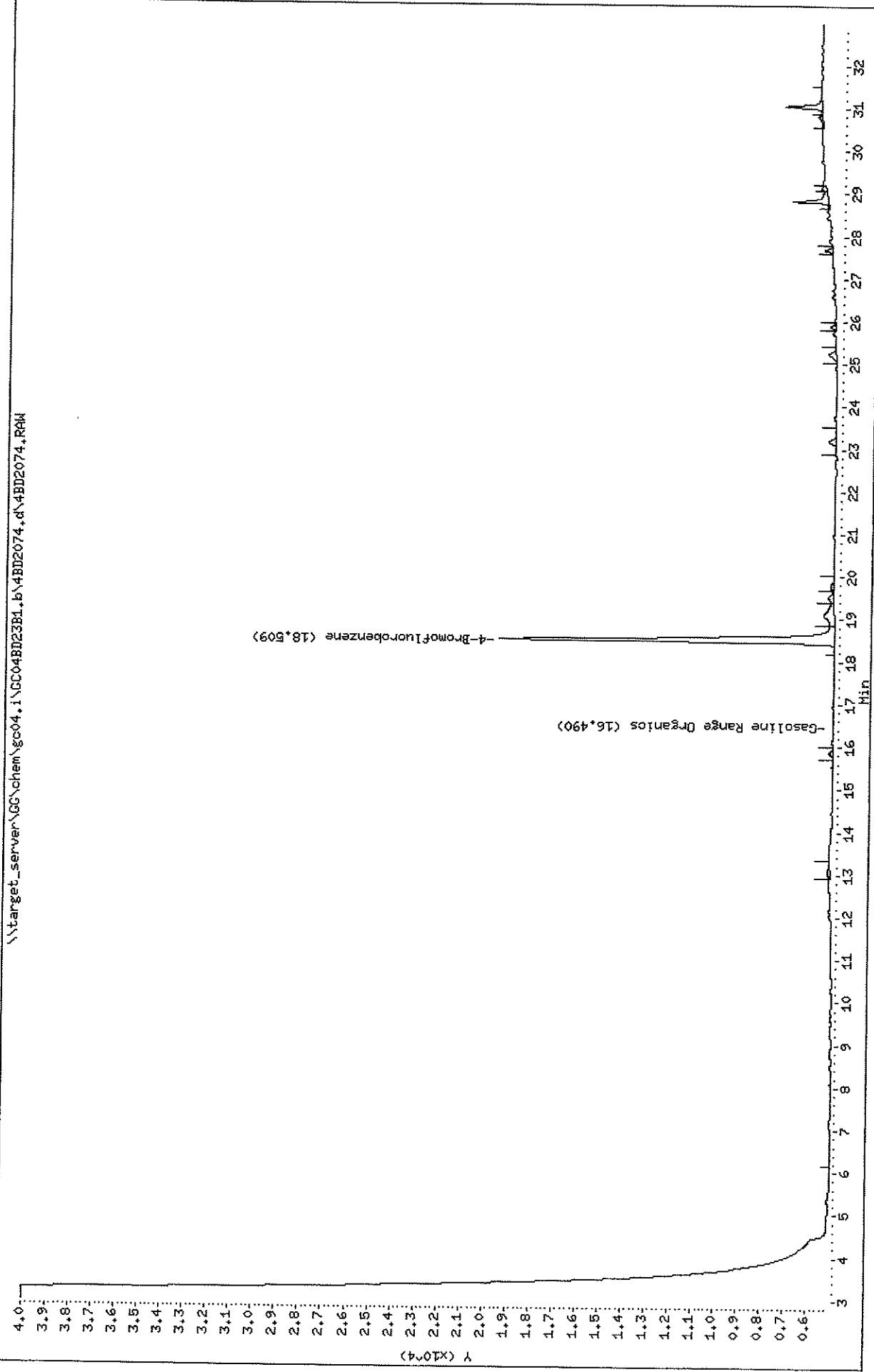
Data File: \\target_server\GG\chem\gc04.i\GC04BD23B1.b\ABD2074.d
 Report Date: 24-Apr-2008 10:16
 Lab Smp Id: SB1961-2
 Client Smp ID: MW-B
 Inj Date: 23-APR-2008 18:56
 Operator: EKC
 Smp Info: GR0B034A.M,GC04BD23B1.B,1,SB1961-2
 Commnt: : MEDEP 4.2.17
 Method: \\TARGET_SERVER\GG\chem\gc04.i\GC04BD23B1.B\GR0B034A.m
 Methyl Date: 24-APR-2008 09:22 ecyr Quant Type: ESTD
 Cal Date: 16-JAN-2008 15:31 Cal File: AB2028.RAW
 ALS bottle: 1
 DI1 Ractor: 1.00000
 Integrator: HP Genie
 Target Version: 4.12
 Processing Host: TARGET02
 Concentration Formula: Amt * DF * 0.005/Vo * CpdVariable

Name	Value	Description	Cpd Variable
DF	1.000	Dilution Factor	Vo
DE	0.00500	Sample Volume purged (L)	Local Compound Variable
CONCENTRATIONS		ON-COLUMN FINAL	Compounds
REVIEW CODE		RT EXP RT DLR RT RESPONSE (ug/L) (ug/L)	\$ 10 4-Bromofluorobenzene
		18.509 18.587 -0.078 97081 19.1280 19.1	

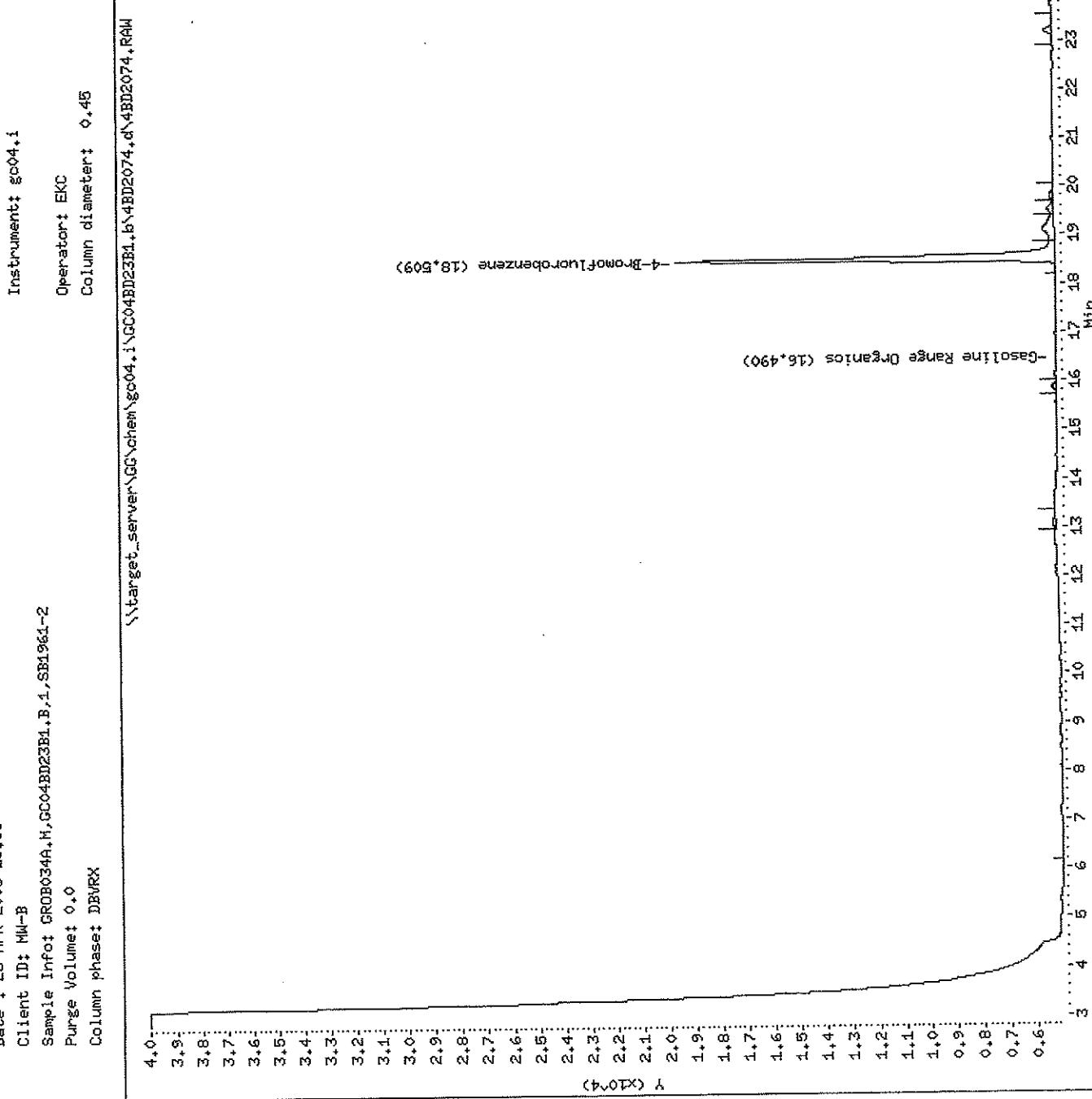
Data File: \\target_server\GC\chem\gc04.i \GC04BD23B1.b \4BD2074.d
Date : 23-APR-2008 18:56
Client ID: Mkl-B
Sample Info: GROB034A.M,GC04BD23B1.B,1,SB1961-2
Purge Volume: 0.0
Column Phase: DBVRX

Instrument: gc04.i
Operator: EKC
Column diameter: 0.45

\\target_server\GC\chem\gc04.i \GC04BD23B1.b \4BD2074.d\4BD2074.RAW



Date File: \\target_server\GC\chem\gco4.i\\GC04BD23B1.b\\4BD2074.d
Date : 23-APR-2008 18:56
Client ID: NL-B
Sample Info: GROB034A.M, GC04BD23B1.B,1,SB1961-2
Purge Volume: 0.0
Column Phase: DBVRX



FORM I - IN

Comments:

Bottle ID: I

CAS No.	Analyte	Concentration	C	Q	M	DR	Adjusted CRDL	Adjusted MDL
7440-36-0	ANTIMONY, TOTAL	1.8	B	P	1	8.0	0.78	
7440-38-2	ARSENIC, TOTAL	1.69	U	P	1	8.0	1.69	
7440-39-3	BARIUM, TOTAL	161		P	1	5.0	0.59	
7440-43-9	CADMUM, TOTAL	4.1	B	P	1	10	0.04	
7440-47-3	CHROMIUM, TOTAL	0.76	B	P	1	15	0.41	
7440-50-8	COPPER, TOTAL	9.9	B	P	1	25	0.75	
7439-92-1	LEAD, TOTAL	5.0	B	P	1	5.0	0.97	
7439-97-6	MERCURY, TOTAL	0.03	U	CV	1	0.20	0.03	
7440-02-0	NICKEL, TOTAL	9.0	B	P	1	40	0.42	
7782-49-2	SELENIUM, TOTAL	0.96	U	P	1	10	0.96	
7440-22-4	SILVER, TOTAL	0.29	U	P	1	15	0.29	
7440-66-6	ZINC, TOTAL	607		P	1	25	2.22	

Concentration Units : ug/L

Percent Solids: 0.00

Lab Sample ID: SB1961-002

Matrix: WATER

SDG Name: SB1961

Client File ID: MW-B

INORGANIC ANALYSIS DATA SHEET

KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

Client: Acadia Project: 099-00 PO No.: 099-00 Date: 04/06/2000 Received Date: 04/06/2000 Extraction Date: 04/06/2000 Analysis Date: 04/06/2000 Matrix: WATER Sample: % Solids: NA

Class#	Compound	Flags	Results	DR	PQL	Adj. PQL	Adj. MQL	Page	01 of 02	T0404.D
75-71-8	Dichlorodifluoromethane	2	1.0	2	0.4	0.4	0.4	5	5	1
74-87-3	Chloroform	2	1.0	2	0.6	0.6	0.6	5	5	1
75-01-4	Vinyl chloroide	2	1.0	2	0.4	0.4	0.4	5	5	1
74-83-9	Bromomethane	2	1.0	2	0.9	0.9	0.9	5	5	1
75-00-3	Chloroethane	2	1.0	2	0.5	0.5	0.5	2	2	1
60-29-7	Trichlorofluoromethane	2	1.0	2	0.4	0.4	0.4	2	2	1
75-35-4	Tertiary-butyl alcohol	1	1.0	1	0.6	0.6	0.6	5	5	3
67-64-1	Acetone	5	1.0	5	0.4	0.4	0.4	5	5	1
156-60-5	trans-1,2-Dichloroethene	1	1.0	1	0.5	0.5	0.5	5	5	1
1634-00-4	Methyl tertiary-butyl ether	81	1.0	1	0.6	0.6	0.6	5	5	1
108-20-3	Di-isopropyl ether	1	1.0	1	0.3	0.3	0.3	5	5	1
637-92-3	1,1-Dichloroethane	1	1.0	1	0.4	0.4	0.4	5	5	1
594-20-7	Ethyl tertiary-butyl ether	1	1.0	1	0.3	0.3	0.3	5	5	1
156-59-2	cis-1,2-Dichloroethene	2	1.0	2	0.3	0.3	0.3	5	5	1
74-97-5	Bromochloropropane	1	1.0	1	0.6	0.6	0.6	5	5	1
56-23-5	Chloroform	1	1.0	1	0.4	0.4	0.4	5	5	1
109-99-9	Tetrachloroethane	1	1.0	1	0.4	0.4	0.4	5	5	1
71-55-6	1,1,1-Trichloroethane	1	1.0	1	0.4	0.4	0.4	5	5	1
563-58-6	1,1-Dichloropropane	1	1.0	1	0.4	0.4	0.4	5	5	1
78-93-3	2-Butanone	1	1.0	1	0.4	0.4	0.4	5	5	1
71-43-2	Benzene	5	1.0	5	0.4	0.4	0.4	5	5	2
994-05-8	Tertiary-allyl methyl ether	19	1.0	1	0.3	0.3	0.3	5	5	1
74-95-3	Trichloroethene	1	1.0	1	0.3	0.3	0.3	5	5	1
79-01-6	1,2-Dichloroethane	1	1.0	1	0.3	0.3	0.3	5	5	1
107-06-2	1,2-Dichloropropane	19	1.0	1	0.3	0.3	0.3	5	5	1
75-27-4	Dibromomethane	1	1.0	1	0.5	0.5	0.5	5	5	1
10061-01-5	cis-1,3-Dichloropropane	1	1.0	1	0.4	0.4	0.4	5	5	1
127-18-4	4-Methyl-2-pentanone	5	1.0	5	0.3	0.3	0.3	5	5	2
108-10-1	Toluene	1	1.0	1	0.4	0.4	0.4	5	5	1
108-88-3	cis-1,3-Dichloropropane	1	1.0	1	0.3	0.3	0.3	5	5	1
124-48-1	1,1,2-Trichloroethane	1	1.0	1	0.4	0.4	0.4	5	5	1
142-28-9	Dibromochloromethane	1	1.0	1	0.3	0.3	0.3	5	5	1
106-93-4	1,2-Dibromoethane	1	1.0	1	0.4	0.4	0.4	5	5	1
124-1	2-Hexanone	5	1.0	5	0.3	0.3	0.3	5	5	1

CAS#	Compound	Tags	Results	DP	PQI	adj.PQI	adj.MDL	Page	01 of 02	T0404.D
74-87-3	Dichlorodifluoromethane	U	2	1.0	2	0.4	0.4			
75-71-8	Dichlorodifluoromethane	U	2	1.0	2	0.6	0.6			
75-01-4	Vinyl Chloride	U	2	1.0	2	0.4	0.4			
74-83-9	Bromomethane	U	2	1.0	2	0.9	0.9			
75-00-3	Chloroethane	U	2	1.0	2	0.5	0.5			
75-69-4	Trichloroethane	U	2	1.0	2	0.4	0.4			
60-29-7	Diethyl Ether	U	2	1.0	2	0.6	0.6			
75-65-0	Tertraiary-butyl Alcohol	U	2	1.0	2	3	3			
75-35-4	1,1-Dichloroethene	U	1	1.0	1	0.4	0.4			
75-15-0	Carbon Disulfide	U	1	1.0	1	0.5	0.5			
75-09-2	Methyl Chloride	U	5	1.0	5	5	0.4			
67-64-1	Acetone	J	5	1.0	5	5	3			
1634-04-4	Methyl tert-butyl Ether	U	81	1.0	1	1	0.6			
108-20-3	Di-isopropyl Ether	U	1	1.0	1	1	0.3			
75-34-3	1,1-Dichloroethene	U	1	1.0	1	1	0.4			
67-66-3	Chloroform	U	2	1.0	2	2	0.4			
56-23-5	Carbon Tetrachloride	U	1	1.0	1	1	0.3			
109-99-9	Tetrahydrofuran	U	5	1.0	5	5	2			
71-55-6	1,1,1-Trichloroethane	U	1	1.0	1	1	0.4			
56-35-6	1,1-Dichloropropane	U	1	1.0	1	1	0.4			
78-93-3	2-Butanone	U	5	1.0	5	5	2			
71-43-2	Benzene	U	1	1.0	1	1	0.4			
994-05-8	Tertiary-allyl methyl Ether	U	19	1.0	1	1	0.3			
107-06-2	1,2-Dichloroethane	U	19	1.0	1	1	0.3			
79-01-6	Trichloroethylene	U	1	1.0	1	1	0.5			
74-95-3	Dibromoethylene	U	1	1.0	1	1	0.5			
78-87-5	1,2-Dichloropropane	U	1	1.0	1	1	0.5			
75-27-4	Bromo dichloromethane	U	1	1.0	1	1	0.3			
10061-01-5	cis-1,3-dichloropropene	U	5	1.0	5	5	1			
10061-02-6	trans-1,3-dichloropropene	U	5	1.0	5	5	1			
79-00-5	Dibromochloromethane	U	1	1.0	1	1	0.3			
124-48-1	1,1,2-trichloroethane	U	1	1.0	1	1	0.4			
142-28-9	1,2,3-trichloropropane	U	1	1.0	1	1	0.4			
106-93-4	1,2-dibromoethane	U	1	1.0	1	1	0.3			
591-78-6	2-hexanone	U	5	1.0	5	5	1			

KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

CAS#	Compound	Flags	Results	DR	PQL	Adj.PQL	Add.MDL	Page	02 OF 02	T0404.D
108-90-7	Chlorobenzene	U	1	1.0	1	1	0.4			
100-41-4	Bethylbenzene	U	1	1.0	1	1	0.4			
630-20-6	1,1,1,2-Tetrachloroethane	U	1	1.0	1	1	0.5			
1330-20-7	Xylenes (total)	U	3	1.0	3	3	0.4			
95-47-6	m,p-Xylenes	U	2	1.0	2	2	1.0			
100-42-5	Styrene	U	1	1.0	1	1	0.4			
75-25-2	Bromoform	U	1	1.0	1	1	0.3			
98-82-8	Triisopropylbenzene	U	1	1.0	1	1	0.5			
103-65-1	N-Propanylbenzene	U	1	1.0	1	1	0.4			
79-34-5	1,1,2,2-Tetrachloroethane	U	1	1.0	1	1	0.5			
108-67-8	1,1,3,5-Tetramethylbenzene	U	1	1.0	1	1	0.4			
95-49-8	2-Chlorotoluene	U	1	1.0	1	1	0.5			
96-18-4	1,2,3-Tricloropropane	U	1	1.0	1	1	0.4			
106-43-4	4-Chlorotoluene	U	1	1.0	1	1	0.4			
98-06-6	tert-Butylbenzene	U	1	1.0	1	1	0.4			
541-73-1	P-Tsopropylylbenzene	U	1	1.0	1	1	0.4			
106-46-7	1,2-Dichlorobenzene	U	1	1.0	1	1	0.4			
104-51-8	N-Butylbenzene	U	1	1.0	1	1	0.5			
135-98-8	sec-C-Bu ₂ Tlbenzene	U	1	1.0	1	1	0.4			
95-50-1	1,2-Dibromo-3-Chloropropane	U	1	1.0	1	1	0.4			
96-12-8	Hexachlorobutadiene	U	1	1.0	1	1	0.7			
120-82-1	1,2,4-Trichlorobutene	U	1	1.0	1	1	0.5			
91-20-3	Naphthalene	U	1	1.0	1	1	0.3			
87-61-6	1,2,3-Trichlorobenzene	U	1	1.0	1	1	0.4			
17060-07-0	1,2-Dichloroethane	U	1	1.0	1	1	0.5			
1268-53-7	Dibromofluorobenzene	U	1	1.0	1	1	0.4%			
460-00-4	P-Bromofluorobenzene					99%				
2037-26-5	Toluene-D ₈					97%				

NA : SPIDS %

Matrix: MATER

Report Date: 6

Report Date: 04/30/2008

Analyses Date: 29-APR-2008 05:14

Extraction Date:

Received Date: 04/17/08

Sample Date: 04/16/08

PO No:

Project: 099-003

Citizen: Acadia Environment

7.

PO No:	Project ID:	Lab ID:	SDG:	Client ID: MW-C	Sample Date: 04/16/08	Received Date: 04/17/08	Extraction Method: SW846 3510	Analyt's Date: 04/23/08	Analyst's Method: SW846 8270C	Report Date: 05-MAY-2008 18:04	Matrix: WATER	% Solids: NA
CAS#	Compound	Tags	Results	DR	pQL	Adj.pQL	Adj.MDL					
62-75-9	N-Nitrosodimethylamine	U	10	1.0	10	10	4					
110-86-1	Pyridine	U	50	1.0	50	50	3					
62-53-3	Aminoline	U	50	1.0	25	25	3					
108-95-2	Phenol	U	25	1.0	25	25	3					
95-57-8	Bis(2-Chloroethyl)ether	U	10	1.0	10	10	4					
95-48-7	Benzyl Alcohol	U	20	1.0	20	20	3					
100-51-6	2-Chlorophenol	U	10	1.0	10	10	4					
108-60-1	2,2'-Oxybis(1-chloropropane)	U	10	1.0	10	10	4					
621-64-7	2,2'-N,N-bis-(1-chloropropane)	U	10	1.0	10	10	3					
65794-96-9	3,4-A-Methylphenol	U	10	1.0	10	10	2					
67-72-1	Hexachloroethane	U	10	1.0	10	10	5					
98-95-3	Nitrobenzene	U	10	1.0	10	10	3					
78-59-1	Iso-phorone	U	10	1.0	10	10	3					
88-75-5	2-Nitrophenol	U	10	1.0	10	10	5					
120-83-2	2,4-Dichlorophenol	U	20	1.0	20	20	2					
65-85-0	Bis(2-Chloroethoxy)methane	U	10	1.0	10	10	4					
106-47-8	4-Chloroaniline	U	10	1.0	10	10	4					
59-50-7	4-Chloro-3-Methylphenol	U	25	1.0	25	25	6					
91-25-6	2-Methylimidaphthalene	U	25	1.0	25	25	6					
77-47-4	Hexachlorocyclohexadiene	U	10	1.0	10	10	3					
88-06-2	2,4,6-Trichlorophenol	U	10	1.0	10	10	3					
95-59-4	2,4,5-Trichlorophenol	U	25	1.0	25	25	6					
88-74-4	2-Chloronaphthalene	U	10	1.0	10	10	5					
131-11-3	Dimethyl Phthalate	U	25	1.0	25	25	4					
606-20-2	2,6-Dinitrotoluene	U	10	1.0	10	10	8					
208-96-8	Acenaphthylene	U	10	1.0	10	10	3					
99-09-2	3-Nitroaniline	U	10	1.0	10	10	3					
83-32-9	Acenaphthene	U	25	1.0	25	25	5					
132-64-9	Dibenzofuran	U	25	1.0	25	25	24					
51-28-5	2,4-Dinitrophenol	U	10	1.0	10	10	4					
121-14-2	2,4-Dinitrotoluene	U	25	1.0	25	25	12					
58-90-2	2',3,4,6-Tetrachlorophenol	U	10	1.0	10	10	4					
7005-72-3	4-Chlorophenyl-phenyl Ether	U	10	1.0	10	10	3					
100-02-7	Fluorene	U	10	1.0	10	10	3					
86-73-7	Dibenzofuran	U	10	1.0	10	10	6					
84-66-2	2,3,4,6-Tetrachlorophenol	U	10	1.0	10	10	6					
7005-72-1	4,6-Dinitro-2-Methylphenol	U	25	1.0	25	25	16					
100-01-6	4-Nitroaniline	U	25	1.0	25	25	6					
534-52-1	4,6-Dinitro-2-Methylphenol	U	25	1.0	25	25	6					

KATHADIN ANALYTICAL SERVICES

Client ID: SB1961-3
Project: 099-003
ClienID: SB1961-3
Lab ID: SB1961-3
PO No.:
SDG: SB1961
Extracted by: KF
Received Date: 04/16/08
Extraction Method: SW846 3510
Analytical Method: SW846 8270C
Analyst: JCG
Report Date: 05-MAY-2008 18:04
Matrix: Water
Units: ug/L
% Solids: NA

CAS#	Compound	Flags	Results	DR	PGL	Adj.	PGL Adj.	MGL	Page	01 of 02	R7847.D
62-75-9	N-Nitrosodimethylamine	10	1.0	10	10	4	4	4	4	4	4
110-96-1	Pyrrolidine	10	1.0	10	10	4	4	4	4	4	4
62-53-3	Aniline	50	1.0	50	50	3	3	3	3	3	3
108-95-2	Phenol	25	1.0	25	25	3	3	3	3	3	3
95-57-8	2-Chlorophenol	10	1.0	10	10	4	4	4	4	4	4
100-51-6	Benzyl Alcohol	20	1.0	20	20	3	3	3	3	3	3
95-48-7	2-Methylphenol	10	1.0	10	10	4	4	4	4	4	4
108-60-1	2,2'-Oxybis(2-chloropropane)	10	1.0	10	10	3	3	3	3	3	3
65794-96-9	3,4-Methylphenol	10	1.0	10	10	2	2	2	2	2	2
62-64-7	N-Nitrosodimethylamine	10	1.0	10	10	10	10	10	10	10	10
108-65-0	Bis(2-chlorophenol)	10	1.0	10	10	17	17	17	17	17	17
65-85-0	Benzotrichloride	10	1.0	10	10	9	9	9	9	9	9
111-91-1	Bis(2-chlorophenoxy)methane	10	1.0	10	10	5	5	5	5	5	5
88-75-5	2-Nitrophenol	10	1.0	10	10	3	3	3	3	3	3
78-59-1	Nitrobenzene	10	1.0	10	10	3	3	3	3	3	3
67-72-1	Hexachloroethane	10	1.0	10	10	5	5	5	5	5	5
98-95-3	Heptachloroethane	10	1.0	10	10	3	3	3	3	3	3
78-59-1	Iso-phorone	10	1.0	10	10	3	3	3	3	3	3
88-75-5	2-Nitrophenol	10	1.0	10	10	5	5	5	5	5	5
105-67-9	2,4-Dimethylphenol	10	1.0	10	10	9	9	9	9	9	9
111-91-1	Bis(2-chlorophenoxy)methane	10	1.0	10	10	5	5	5	5	5	5
65-83-2	2,4-Dichlorophenol	25	1.0	25	25	2	2	2	2	2	2
88-06-2	2,4,6-Trichlorophenol	10	1.0	10	10	6	6	6	6	6	6
95-95-4	2,4,6-Trichlorophenol	25	1.0	25	25	6	6	6	6	6	6
131-11-3	Dimethyl Phthalate	10	1.0	10	10	8	8	8	8	8	8
88-74-4	2-Nitroaniline	10	1.0	10	10	5	5	5	5	5	5
91-58-7	2-Chloronaphthalene	25	1.0	25	25	4	4	4	4	4	4
91-58-7	2,4,5-Trichlorophenol	10	1.0	10	10	6	6	6	6	6	6
208-96-8	Acenaphthylene	10	1.0	10	10	3	3	3	3	3	3
99-09-2	3-Nitroaniline	25	1.0	25	25	5	5	5	5	5	5
606-20-2	2,6-Dinitrotoluene	10	1.0	10	10	3	3	3	3	3	3
208-96-8	Acenaphthylene	10	1.0	10	10	8	8	8	8	8	8
99-09-2	3-Nitroaniline	25	1.0	25	25	5	5	5	5	5	5
51-28-5	2,4-Dinitrophenol	10	1.0	10	10	4	4	4	4	4	4
132-64-9	Dibenzofuran	25	1.0	25	25	14	14	14	14	14	14
100-02-7	4-Nitrophenol	20	1.0	20	20	3	3	3	3	3	3
121-14-2	2,4-Dinitrotoluene	25	1.0	25	25	12	12	12	12	12	12
58-90-2	2,3,4,6-Tetrachlorophenol	10	1.0	10	10	4	4	4	4	4	4
84-66-2	Dimethylphthalate	10	1.0	10	10	3	3	3	3	3	3
86-73-7	Fluorene	10	1.0	10	10	3	3	3	3	3	3
7005-72-3	4-Chlorophenyl- <i>p</i> -phenylether	10	1.0	10	10	3	3	3	3	3	3
200-01-6	4-Nitroaniline	25	1.0	25	25	6	6	6	6	6	6
4,6-Dinitro-2-Methylphenol		25	1.0	25	25	5	5	5	5	5	5

KATHADIN ANALYTICAL SERVICES Report of Analytical Results

CAS#	Compound	Flags	Results	DF	FQI	Adj. P.Q.	P.Q.	Adj. M.R.
98-30-6	N-Nitrosodiphenylamine	U	10	1.0	10	10	5	5
101-55-3	4-Bromoheptyl-pheonyl ether	U	20	1.0	20	20	6	6
118-74-1	Hexachlorobenzene	U	10	1.0	10	10	2	2
87-86-5	Penetachlorophenol	U	25	1.0	25	25	9	9
85-01-8	Phenanthrophenol	U	10	1.0	10	10	2	2
120-12-7	Anthracene	U	10	1.0	10	10	3	3
86-74-8	Carbazole	U	10	1.0	10	10	4	4
84-74-2	Di-n-butylphthalate	U	10	1.0	10	10	3	3
1206-44-0	Fluoranthene	U	10	1.0	10	10	4	4
1239-00-0	Pyrene	U	50	1.0	50	50	8	8
85-68-7	Butylbenzylphthalate	U	10	1.0	10	10	3	3
92-87-5	Benzidine	U	10	1.0	10	10	4	4
91-94-1	3,3'-Dichlorobenzidine	U	10	1.0	10	10	6	6
218-01-9	Chrysene	U	10	1.0	10	10	2	2
1177-81-7	bis(2-Betylhexyl)phthalate	U	10	1.0	10	10	8	8
205-99-2	Di-n-octylphthalate	U	10	1.0	10	10	2	2
207-08-9	Benzido(k) Fluoranthene	U	10	1.0	10	10	3	3
193-39-5	Imideno(1,2,3-cd) Pyrene	U	10	1.0	10	10	6	6
53-70-3	Dibromo(a,n)anthracene	U	10	1.0	10	10	4	4
13127-88-3	Phenol-D6	U	10	1.0	10	10	5	5
367-12-4	2-Fluorophenol	U	10	1.0	10	10	5	5
191-24-2	Benzzo(g,h,i)perylene	U	10	1.0	10	10	4	4
118-79-6	2,4,6-Tribromophenol	U	10	1.0	10	10	0	0
1718-51-0	TerephenyL-D14	U	77%					

SOLIDS: NA

MATRIX: WATER

Keppelgate Date:

Reported Date: 05/01/2008

Analyse Date: 05-May-2008 18:04

Examination Date: 04/23/08

2010-09-22 // ת.ת. 12:00:00 UTC

Sample Date: 04/07/2018

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Category: [Newspaper Information](#)

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Client: Acadia Environmental	Project: 099-003	Lab ID: SB1961-3RA	Client ID: MW-C	SG: SB1961	Extracted by: KF	Extraction Method: SW846 3510	Analysis: TIP	Analyst's Method: MEDPE 4.1.25	Lab Prep Batch: MG50565	Report Date: 04/29/2008	Matrix: WATER	% Solids: NA
PO No:												
Sample Date: 04/16/08	Received Date: 04/17/08	Extraction Date: 04/22/08	Analysis Date: 04/29/2008	Report Date: 04/29/2008	Matrix: WATER							
CASE#	Compound	Flags	Results DR	PQ	Adj. PQ	Adj. MDL	83%	460	1.0	50	50	32
	Diesel Range Organics											
	O-Terphenyl											
Page	01 of 01	ABD3107.d										

KATADIN ANALYTICAL SERVICES Report of Analytical Results

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OC Flag Legend

M - Compound response manually integrated.

a - Targeted compound detected but, quantitated amount below limit of quantitation (BLOQ).

Name	Value	Description	DF	1.000	Dilution Factor	VT	0.00100	Final Volume (L)	VO	1.060	Sample Volume (L)	Cpnd Variable
CONCENTRATIONS		ON-COLUMN FINAL	ppm	12.560	12.559	ppm	0.001	122709	ppm	16.6272	ppm	REVIEW CODE
Compounds		PPM	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
\$ 9 O-Terphenyl		5.144-17.856	5.144-17.856	3204471	485.050	458 (M)	MS	7 Diesel Range organics	5.144-17.856	485.050	458 (M)	MS

Concentration Formula: $Amt * DF * (Ve/Vo) * 1000 * CpdVariable$

```

Data file : \\TARGET SERVER\GG\chem\gc10.\GC10BD28A1.b\ABD3107.d
Lab Smp Id: SB1961-3RA
Clt Item Smp ID: MW-C
Inj Date : 28-APR-2008 12:46
Opreator : JLP
Inst ID: gc10.i
Smp Info : DROA021A.M,GC10BD28A1.B,1,SB1961-3RA
Misc Info : MDEP 4.1.25
Comment : \\\TARGET SERVER\GG\chem\gc10.\GC10BD28A1.B\DR0A021A.m
Method : 28-APR-2008 12:38 jprescott Quant Type: ESTD
Meth Date : 08-APR-2008 15:35
Cal File: ABD1095.d
ALS bottle: 1
Dil Factor: 1.00000
Integrator: HP Genie
Compound Sublist: MEDPEA_1^25, sub
Subtraction File: \\target SERVER\GG\chem\gc10.\GC10BD28A1.b\ABD3104.d
Target Version: 4.12
Processing Host: TARGET02

```

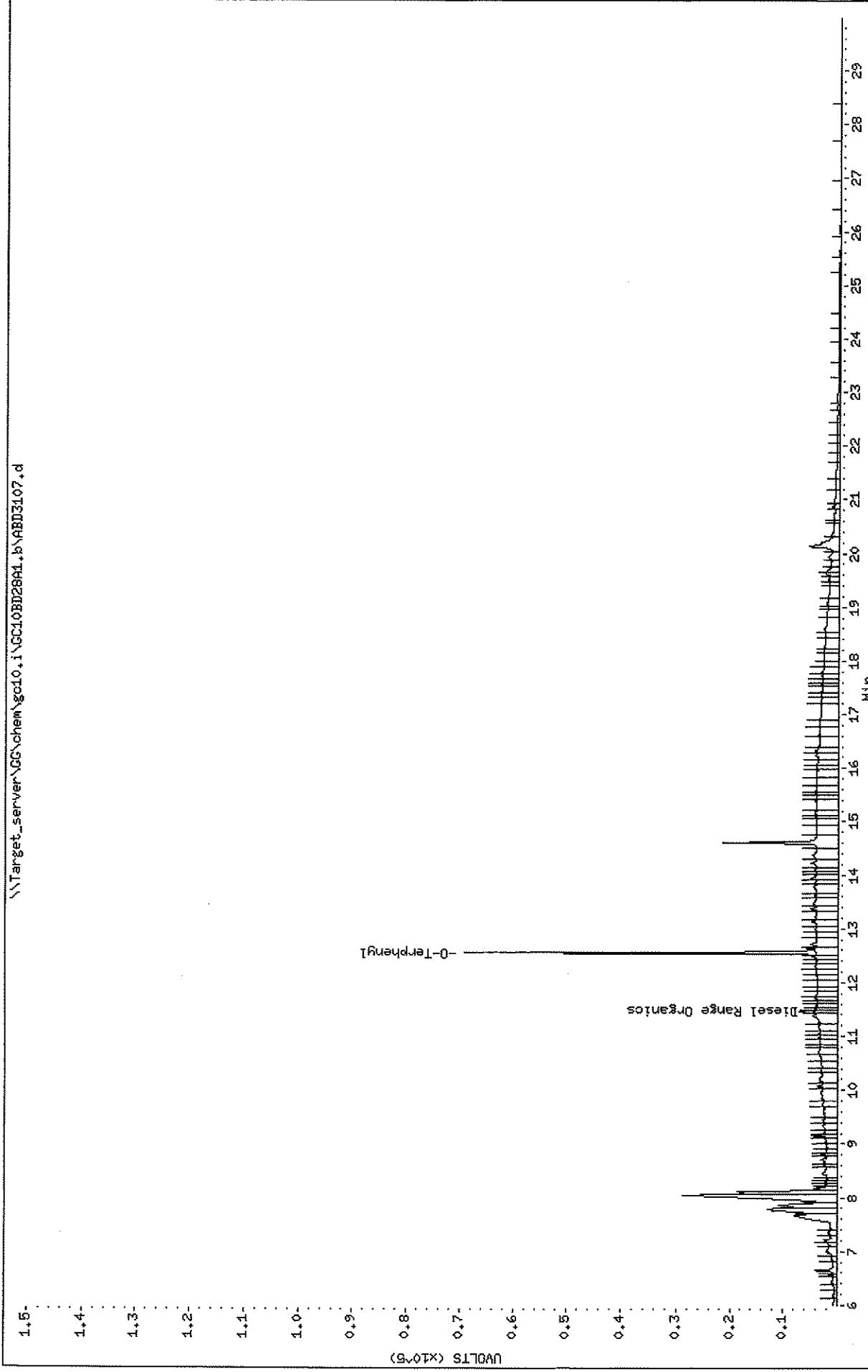
Katahdin Analytical Services

Data File: \\Target_server\GG\chem\gc10.\i\GC10BD28A1.b\ABD3107.d Report Date: 29-Apr-2008 09:02

Data File: \Target_server\GC\chem\gc10.i \GC10BD2841.b\ABD3107.d
Date : 28-APR-2008 12:44:46
Client ID: Hu-C
Sample Info: DRO021A.M,GC10BD2841.B,1,SB1961-3RA
Purge Volume: 1.1
Column Phase: ZB-1

Instrument: gc10.i
Operator: JLP
Column diameter: 0.53
Column length: 30.000000
Wetted Length: 28.000000

\\\Target_server\GC\chem\gc10.i\GC10BD2841.b\ABD3107.d



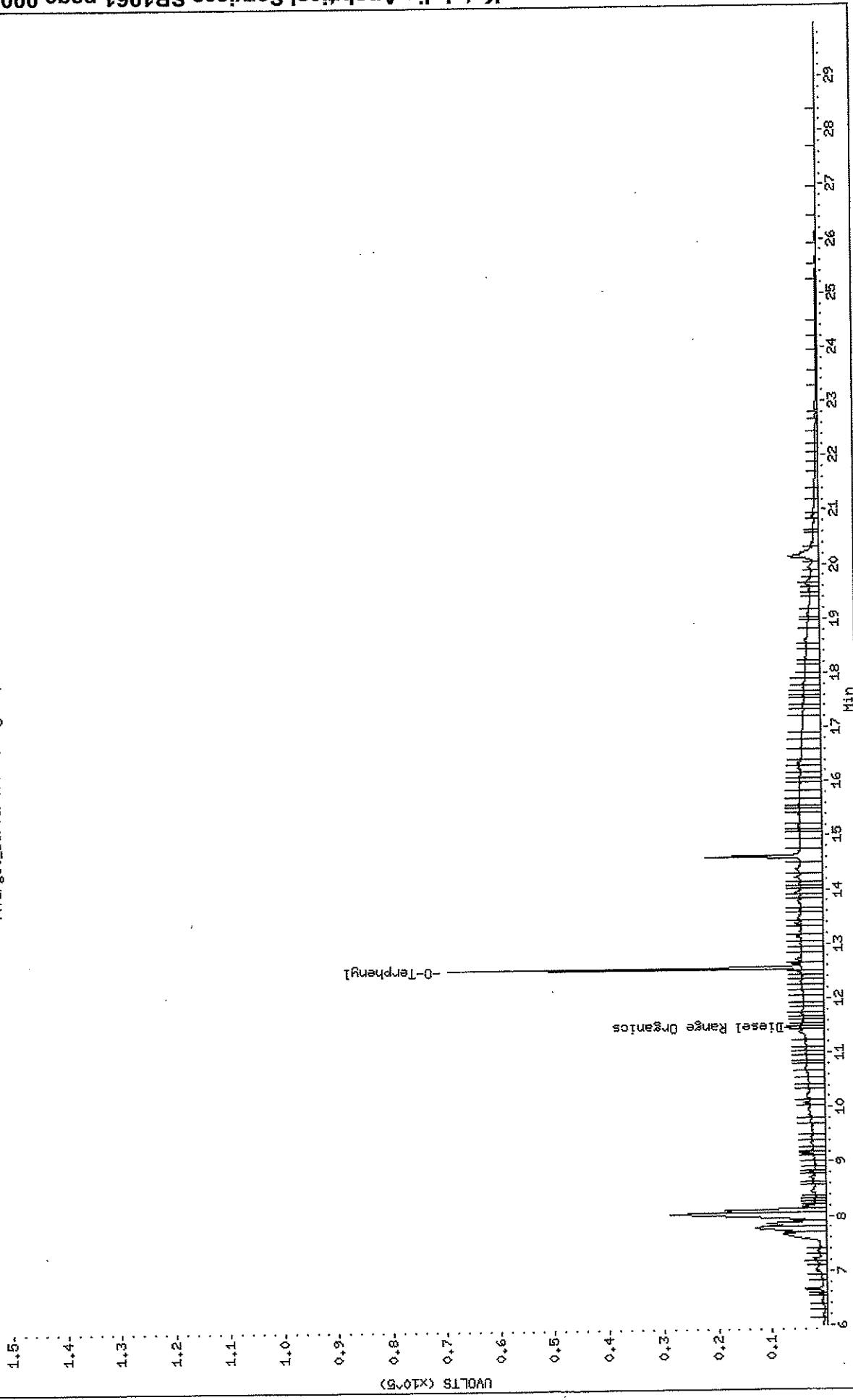
Data File: \\Target-server\GC\chem\gc10.i\\ABD3407.d
Date : 28-APR-2008 12:46
Client ID: MI-C
Sample Info: DROPO21A.M, GC10B028d,B,1,SB1961-3RA
Purge Volume: 1.1
Column Phases: ZB-1

Instrument: gc10.i

Operator: JLP

Column diameter: 0.53

\\Target-server\GC\chem\gc10.i\\ABD3407.d



KATAHDIN ANALYTICAL SERVICES Report of Analytical Results

Data File: \\target_server\GG\chem\gc04.i\GC04BD23B1.b\ABD2075.d
 Report Date: 24-Apr-2008 10:16
 Lab Smp Id: SB1961-3
 Client Smp ID: MW-C
 Inj Date: 23-APR-2008 19:35
 Smp Info: GC004.i
 Operator: EKC
 Misc Info: GC04BD23B1.B,1,SB1961-3
 Comment: MEDBP 4.2.17
 Method: \\target_server\GG\chem\gc04.i\GC04BD23B1.b\GROB034A.m
 Meth Date: 24-Apr-2008 09:22 eCYR Quant Type: ESTD
 AIs bottle: 1
 Cal Date: 16-JAN-2008 15:31 Cal File: AB2028.RAW
 Dil Factor: 1.00000
 Integrator: HP Genie
 Target Version: 4.12
 Processing Host: TARGET02
 Compound Sublist: MEDBP4-2-17, sub
 Concentration Formula: Amt * DF * 0.005/Vo * CprodVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	0.00500	Sample Volume purged (L)
Cprod Variable		Local Compound Variable
CONCENTRATIONS		ON-COLUMN FINAL
Compounds		REVIEW CODE
S 6 Gasoline Range Organics	4.929-28.050	RT EXP RT DLT RT RESPONSE (ug/L) (ug/L)
	18.502 18.587 -0.085 518910	19.7417 53.5524 53.6
\$ 10 4-Bromofluorobenzene	18.502 18.587 -0.085 200032	19.7417 53.6

Data File: \\target_server\GG\chem\gc04.i\GC04BD23B1.b\ABD2075.d
 Report Date: 24-Apr-2008 10:16
 Lab Smp Id: SB1961-3
 Clnet Smp ID: MW-C
 Inj Date: 23-APR-2008 19:35
 Opreatr: EKC
 Smp Info: GRBO034A.M,GC04BD23B1.B,1,SB1961-3
 Misc Info: MBDP 4.2.17
 Comment: MBDP 4.2.17
 Method: \\target_server\GG\chem\gc04.i\GC04BD23B1.b\GRBO034A.m
 Cal Date: 24-Apr-2008 09:22 eCYR Quant Type: ESTD
 Alis bottle: 1
 Target Factor: HP Genie
 Compound Sublist: MEDFP4-2-17.sdb
 Target Version: 4.12
 Processing Host: TARGET02
 Concentration Formula: Amt * DF * 0.005/Vo * CndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	0.00500	Sample Volume_purged (L)
Cnd Variable		Local Compound Variable

Katahdin Analytical Services

