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Stantec

June 14, 2007

Mr. David G. Pratt, P.E.
New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
6274 East Avon-Lima Road
Avon, New York 14414

RE: Voluntary Cleanup Agreement: **190500004**
Groundwater Monitoring Report #14
VCA Index # V00599-8
Remedial Construction Activities
Gonsenhauser Farm Site
Brighton, New York

Dear Mr. Pratt:

On behalf of the Town of Brighton (Town), Stantec Consulting Services Inc. (Stantec) is pleased to submit Groundwater Monitoring Report #14 for the above-referenced site. This work is being performed in accordance with the Remediation Work Plan (RWP) containing the Operation, Maintenance and Monitoring Plan (OM&M) prepared by Stantec Consulting Group, Inc. (Stantec), and submitted to the New York State Department of Environmental Conservation (Department) on November 11, 2002, the Department comment letter dated February 13, 2002, the RWP amendment dated March 6, 2003 and Voluntary Cleanup Agreement, Index Number V00599-8, executed by the Department on March 27, 2003.

1. Actions During the Previous Monitoring Period

Stantec conducted the following activities during the previous monitoring period.

- Stantec performed the fourteenth-round of post remediation groundwater-sampling on March 8, 2007 on monitoring wells MW-15R and MW-16R (Figure 1). The samples were sent to ASP certified Severn Trent Laboratory (Severn Trent) in Buffalo, New York and analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs) by CLP Method OLM 04.1 and TCL Semi-Volatile Organic Compounds (SVOCs) by CLP Method OLM 04.2. The sample set included the collection of a duplicate, a matrix-spike and a matrix-spike duplicate as well as a trip blank; and

- Stantec submitted the laboratory analytical data package to Chemworld Environmental, Inc. (Chemworld) in Rockville, Maryland to undergo a data usability review.

2. Data Received or Generated in the Previous Monitoring Period

Water Levels

Water level data (Table 1) were collected from wells MW-BBL4, MW-10, MW-11, MW-15R and MW-16R (see Figure 1) on March 8, 2007 during the groundwater-sampling event.

The water level data indicate a south-south westerly flow direction, which is consistent with historical conditions. A water level summary is presented in Table 1. A groundwater contour map is presented on Figure 2.

Groundwater Sampling and Analysis

Stantec collected and submitted the fourteenth-round of post remediation groundwater samples on March 8, 2007. Field parameter measurements including temperature, pH, specific conductivity, and oxidation-reduction potential were collected using a Horiba™ Water Quality Meter, and turbidity was measured with a LaMotte 2020e™ Turbidity Meter. Groundwater Sampling Records, which include the field parameter measurements, have been included as Appendix A. Analytical testing was performed by Severn Trent. Each sample, plus one duplicate, one matrix-spike, one matrix-spike duplicate, and one trip blank, was analyzed for TCL VOCs by ASP Method OLM 04.1 and TCL SVOCs by ASP Method OLM 04.2

Results

The Laboratory Analytical Report prepared by Severn Trent is provided as Appendix B. Also attached, as Appendix C, is the Data Usability Summary Report (DUSR) completed by Chemworld. The DUSR concludes that all the target analyte list results included on the Laboratory Forms are considered usable as reported or require only minor qualifications.

Current and historic VOC and SVOC analytical data are summarized in Tables 2 through 5. Tables 2 and 3 list the VOC and SVOC data, respectively, for monitoring wells MW-1, BBLMW-1 and MW-15R. Data for former monitoring wells MW-1 and BBLMW-1 are presented along with MW-15R because of the proximity of MW-15R to the former locations of MW-1 and BBLMW-1. Tables 4 and 5 list the VOC and SVOC data, respectively, for monitoring wells MW-2 and MW-16R. Data for former monitoring well MW-2 is presented along with MW-16R because of the proximity of MW-16R to the former location of MW-2. The sample designated as "MW-17" during the latest sampling event performed on March 8, 2007, as listed in Tables 4 and 5, is a blind field duplicate of groundwater sample MW-16R.

As shown on Table 2, the total detected VOC concentration in MW-15R, which had been historically elevated, has decreased significantly from the baseline concentration detected in the sample collected on September 3, 2003, and remained consistent with the previous quarter's monitoring results, with a concentration of 4-ppb. The total detected VOC concentration decreased from a historic high concentration of 54,700-ppb, which was detected in BBLMW-1 in October 2000. Also noteworthy, benzene was not reported above the method detection limit, which is down from a historic high concentration of 10,000-ppb detected on September 3, 2003. Only MTBE was reported at a concentration of 4-ppb, which is below the Department's guidance value of 10-ppb.

As shown in Table 3, during the March 8, 2007 sampling event no petroleum-related SVOCs were reported in monitoring well MW-15R above the Department's Class GA Water Quality Standards and Guidance Values. This is consistent with the majority of recent quarterly monitoring results.

As shown on Table 4, the total target VOC concentration in MW-16R, and duplicate sample MW-17, which had been historically elevated, has decreased from the previous sampling event in September 2006. The sampling event on September 27, 2006 was reported to contain a maximum total target VOC concentration of 18-ppb, while the March 8, 2007 sampling event was reported to contain a maximum total target VOC concentration of 9-ppb. This concentration is well below the historical total VOC concentrations detected on August 20, 1999 when it was 45,200-ppb (MW-2), and on September 3, 2003 when it was 23,950-ppb (MW-16R). Figure 3 presents contour plots of total

detected VOCs in groundwater for both the October 2000 data and the data collected in March 2007.

As shown in Table 5, no petroleum related target SVOCs were reported in MW-16R, nor in the duplicate sample MW-17.

3. Deliverables Completed and Submitted during the Previous Monitoring Period

Groundwater Monitoring Report #13 was submitted to the Department on December 6, 2006.

4. Actions Scheduled for the Next Monitoring Period

The fifteenth groundwater-monitoring event is scheduled to occur during September 2007.

5. Completion, Delays and Future Schedule

There were no delays that should affect the future schedule of the project. For your information, the rehabilitation of the Buckland farmhouse on the site is substantially completed. Use for meetings and display will begin on or about September 1, 2007.

6. Approved Modifications to the OM&M Plan

There were no modifications approved for the OM&M Plan during this period.

7. Proposed Modifications to the OM&M Plan

There are no proposed modifications to the OM&M Plan at this time.

Should you have any questions or require further information, please feel free to call.

Sincerely,

Michael P. Storonsky
Senior Associate

Enclosures

Figures:
Figure 1: Monitoring Well Location Map
Figure 2: Groundwater Contour Map (March 8, 2007)
Figure 3: Total VOCs in Groundwater (March 8, 2007)

Tables:
Table 1: Water Level Summary
Table 2: Summary of Historic Groundwater Sampling Results for MW-15R (ug/L) – VOCs
Table 3: Summary of Historic Groundwater Sampling Results for MW-15R (ug/L) - SVOCs
Table 4: Summary of Historic Groundwater Sampling Results for MW-16R (ug/L) – VOCs
Table 5: Summary of Historic Groundwater Sampling Results for MW-16R (ug/L) – SVOCs

Appendices:
Appendix A: Groundwater Sampling Records
Appendix B: Groundwater Laboratory Analytical Summary Report
Appendix C: Data Usability Summary Report

cc: Gary Litwin, NYSDOH
Mathew Forcucci, NYSDOH
Mary Von Wergers, NYSDEC
Joseph Albert, MCDOH
Thomas A. Low, Town of Brighton
Dan Schum, Esq.
Thomas F. Walsh, Esq., Hiscock & Barclay

FIGURES

Workspace:
Discipline: $wrkuser$
Project: $wrkproj$
Node: $node$

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Design File: $dgnfile$
Plotted: $date$ $time$
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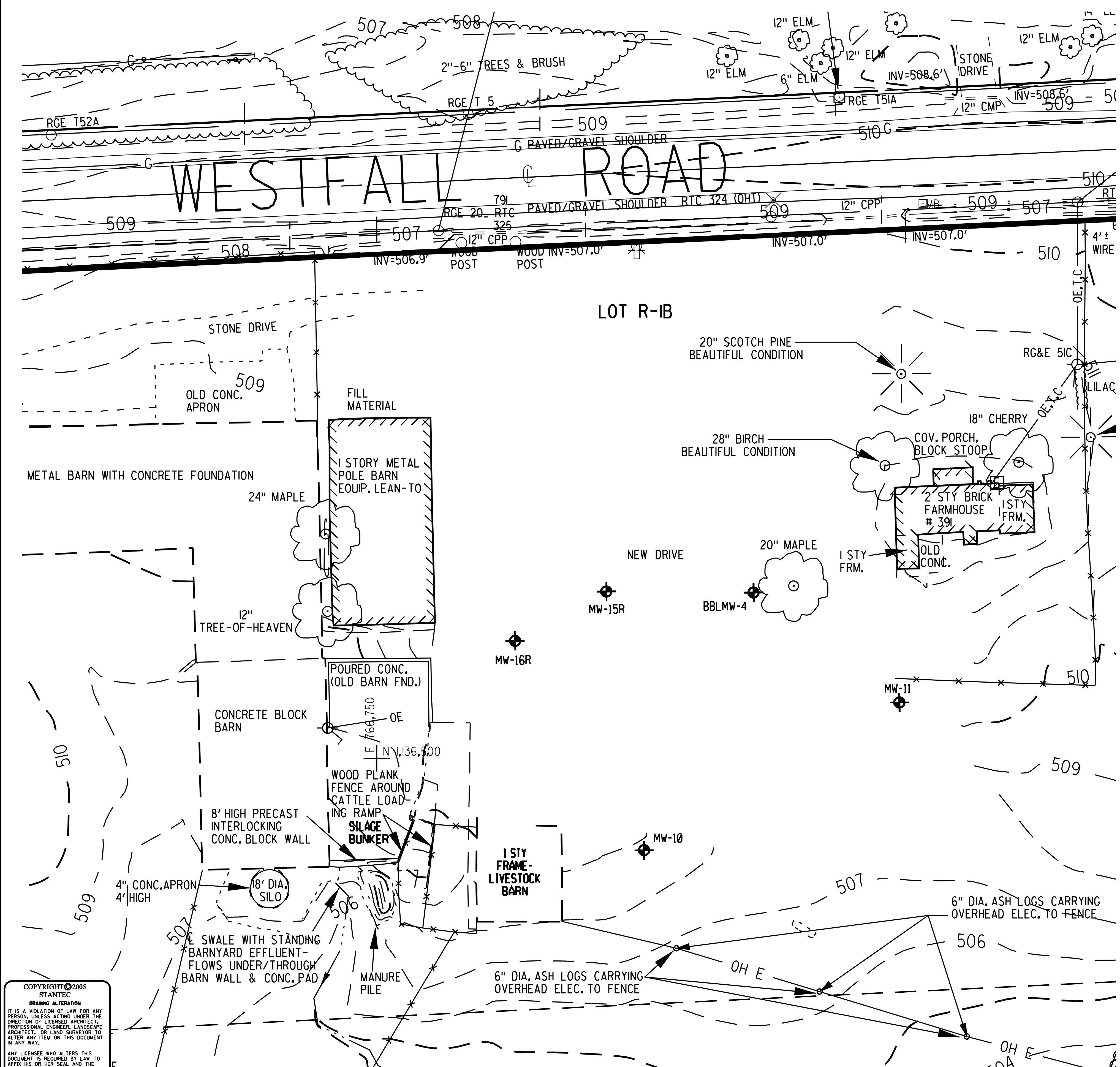

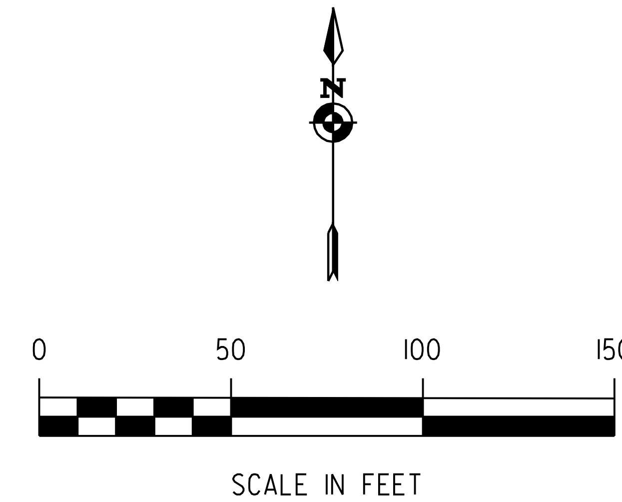

LEGEND

- ORIGINAL PROPERTY LINE
- "RESERVED PARCEL" BOUNDARY LINE
- RIGHT-OF-WAY LINE
- CENTERLINE
- EASEMENT LINE
- Sa — SANITARY SEWER LINE & MANHOLE
- St — STORM SEWER LINE, INLET & MANHOLE
- CULVERT WITH END SECTIONS
- OVERHEAD ELECTRIC, TELEPHONE & CABLE T.V.
- WD — WATERLINE WITH VALVE & HYDRANT
- G — GAS LINE AND VALVE
- BUILDING
- FENCELINE
- 505 — CONTOUR LINE & LABEL
- × (507.6) SPOT ELEVATION
- EDGE OF WATER
- CENTERLINE OF STREAM
- DECIDIOUS TREE, CONIFEROUS TREE
- EDGE OF TREES / BRUSH
- E 767,250 N 1,136,000 COORDINATE GRID & LABEL
- UTILITY POLE & LIGHTPOLE
- MW-11 MONITORING WELL LOCATION
- FORMER BUILDING

REVISIONS	DATE	BY
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PROJECT ENGINEER/ARCHITECT
M. STORONSKY
PROJECT MANAGER
M.STORONSKY

DRAWN BY
A. LESS
DATE DRAWN

SCALE
AS NOTED
FIRST ISSUE DATE
MARCH, 2007

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PROJECT :
ENVIRONMENTAL REMEDIATION
"RESERVED PARCEL" OF THE
GONSENHAUSER FARM SITE
1341 WESTFALL ROAD
TOWN OF BRIGHTON
MONROE COUNTY, N.Y.

TITLE OF DRAWING
MONITORING WELL LOCATION MAP

PROJECT NO.
190500004

DRAWING NO.
FIG 1

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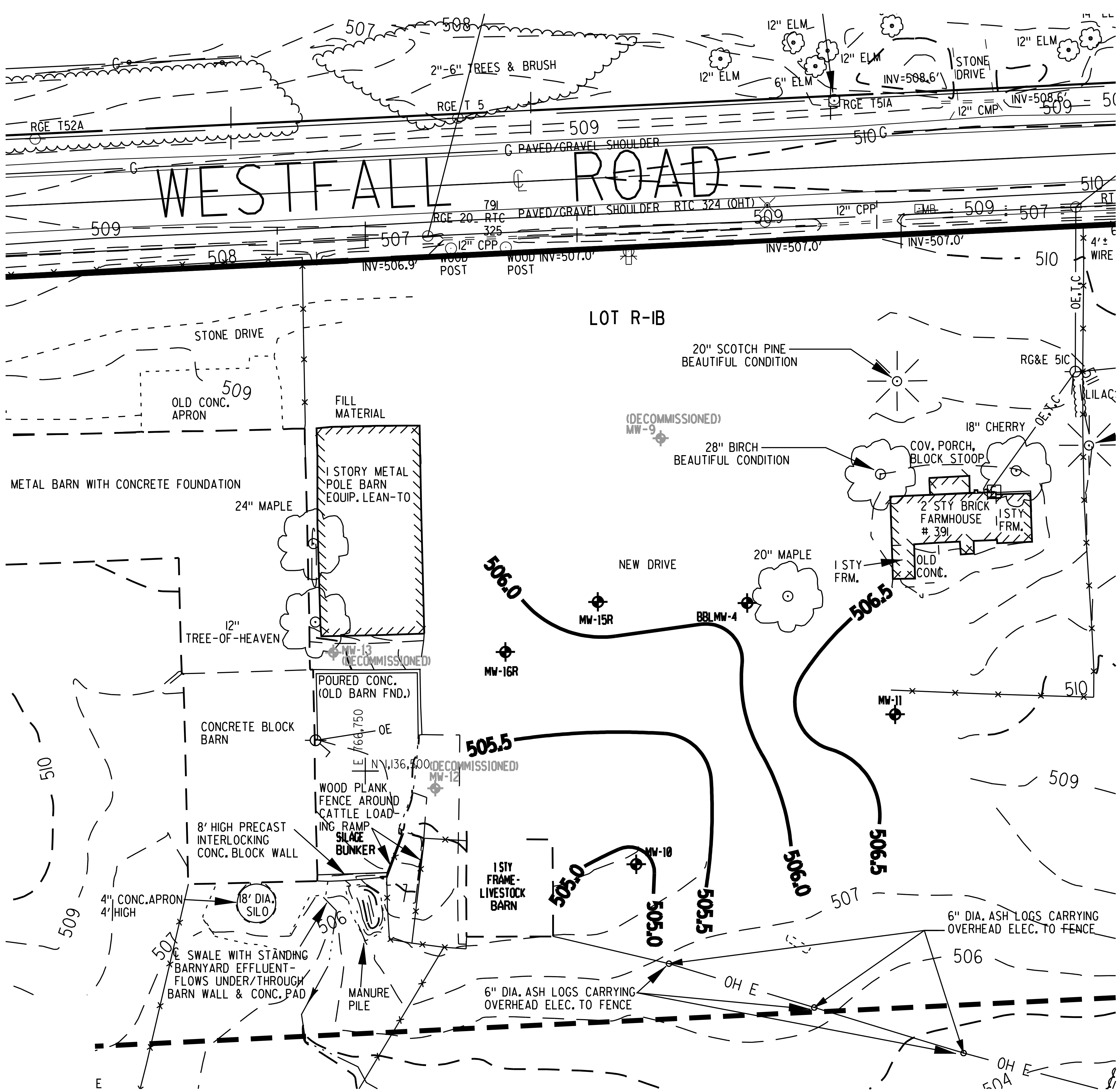

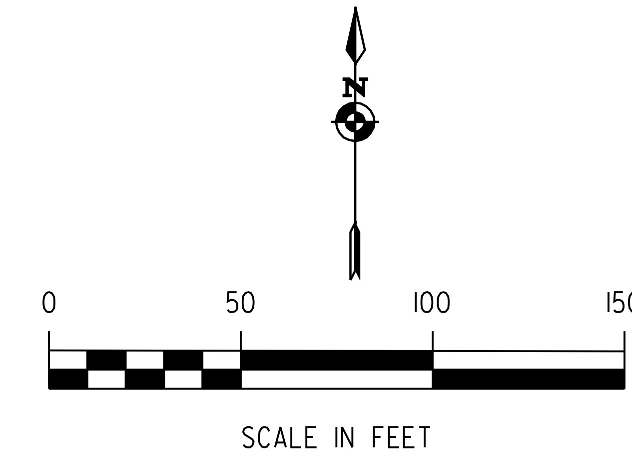

LEGEND

- ORIGINAL PROPERTY LINE
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- RIGHT-OF-WAY LINE
- CENTERLINE
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- STORM SEWER LINE, INLET & MANHOLE (St)
- CULVERT WITH END SECTIONS
- OVERHEAD ELECTRIC, TELEPHONE & CABLE T.V.
- WATERLINE WITH VALVE & HYDRANT (W)
- GAS LINE AND VALVE (G)
- BUILDING
- FENCELINE
- CONTOUR LINE & LABEL (505)
- SPOT ELEVATION (x (507.6))
- EDGE OF WATER
- CENTERLINE OF STREAM
- DECIDIOUS TREE, CONIFEROUS TREE
- EDGE OF TREES / BRUSH
- COORDINATE GRID & LABEL (E 767,250 / N 1,136,000)
- UTILITY POLE & LIGHTPOLE
- MONITORING WELL LOCATION
- APPROXIMATE MONITORING WELL LOCATION (DECOMMISSIONED)
- GROUNDWATER CONTOURS (MARCH 8, 2007) (503.5)
- FORMER BUILDING

NOTES:

1. THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, WESTERN ZONE, NAD 29, THROUGH CONTROL TIES TO THE FOLLOWING MONUMENTS:

2706 (MCGS) 1991	N = 1,136,650.43	E = 764,573.11
4-2-118 (NYSDOT)	N = 1,130,731.55	E = 767,756.28
4-2-119 (NYSDOT)	N = 1,136,895.26	E = 770,082.84

2. THE VERTICAL DATUM SHOWN HEREON IS REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 THROUGH CONTROL TIES TO THE FOLLOWING MONUMENTS:

2706 (MCGS) 1991	ELEV. 511.64 FEET
100 (NYGS) 1941	ELEV 490.884 FEET

3. TOPOGRAPHIC INFORMATION SHOWN WITHIN THE "RESERVED PARCEL" IS FROM THE NOTES OF AN INSTRUMENT SURVEY COMPLETED BY SEAR BROWN ON AUGUST 15, 2003.
4. UNDERGROUND UTILITIES SHOWN HERON WERE PLOTTED FROM FIELD LOCATIONS AND/OR UTILITY COMPANY RECORD PLANS. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOULD BE STAKED BY THE RESPECTIVE UTILITY COMPANY PRIOR TO ANY CONSTRUCTION.

REFERENCE:

1. PROPERTY LINES SHOWN HEREON ARE REFERENCED TO A MAP ENTITLED "BRIGHTON RECREATIONAL AREA - RESUBDIVISION OF LOT 1" PREPARED BY SEAR-BROWN, HAVING DRAWING NO. 1221402 SU4 AND BEING FILED IN THE MONROE COUNTY CLERKS OFFICE IN LIBER 314 OF MAPS AT PAGE 71.

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PROJECT ENGINEER/ARCHITECT M. STORONSKY
PROJECT MANAGER M.STORONSKY
DRAWN BY A. LESS
DATE DRAWN
SCALE AS NOTED
ISSUE DATE MAY, 2007

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PROJECT:
ENVIRONMENTAL REMEDIATION "RESERVED PARCEL" OF THE
GONSENHAUSER FARM SITE
1341 WESTFALL ROAD
TOWN OF BRIGHTON
MONROE COUNTY, N.Y.

TITLE OF DRAWING
GROUNDWATER CONTOUR MAP (MARCH 8, 2007)

PROJECT NO. 190500004

DRAWING NO. FIG 2

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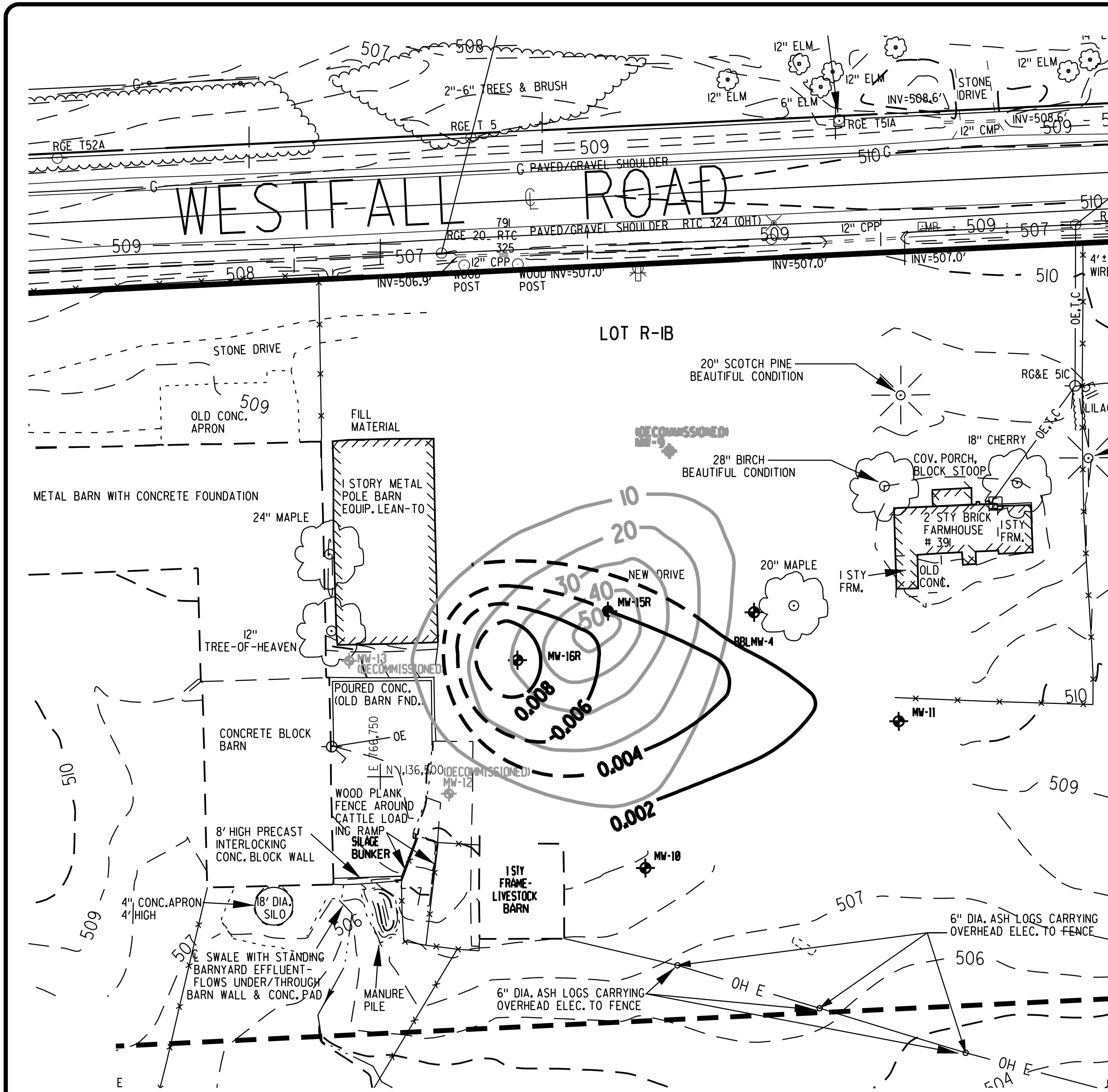

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SCALE IN FEET

LEGEND

- ORIGINAL PROPERTY LINE
- "RESERVED PARCEL" BOUNDARY LINE
- RIGHT-OF-WAY LINE
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- SANITARY SEWER LINE & MANHOLE
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- UTILITY POLE & LIGHTPOLE
- MONITORING WELL LOCATION
- APPROXIMATE MONITORING WELL LOCATION (DECOMMISSIONED)
- 0.5 TOTAL VOCs IN GROUNDWATER PLUME (MARCH 8, 2007)
- 10 TOTAL VOCs IN GROUNDWATER PLUME (OCT. 2000)
- FORMER BUILDING

NOTES:

1. THE HORIZONTAL DATUM SHOWN HEREON IS REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, TRANSVERSE MERCATOR PROJECTION, WESTERN ZONE, NAD 29, THROUGH CONTROL TIES TO THE FOLLOWING MONUMENTS:

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PROJECT ENGINEER/ARCHITECT M. STORONSKY
PROJECT MANAGER M.STORONSKY
DRAWN BY A. LESS
DATE DRAWN
SCALE AS NOTED
ISSUE DATE MAY, 2007

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1341 WESTFALL ROAD
TOWN OF BRIGHTON
MONROE COUNTY, N.Y.

TITLE OF DRAWING
TOTAL VOCs IN GROUNDWATER (mg/L) (MARCH 8, 2007)

PROJECT NO. 190500004

DRAWING NO. FIG 3

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TABLES

TABLE 1
WATER LEVEL SUMMARY
Gonsenhauser Farm Site
Brighton, New York

Well	Reference Elevation	9/3/2003		10/16/2003		11/6/2003		1/27/2004		2/12/2004		5/20/2004		8/27/2004		12/9/2004		3/10/2005	
		ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.
MW-10	508.68	7.15	501.53	8.67	500.01	5.18	503.50	2.59	506.09	1.68	507.00	3.77	504.91	4.54	504.14	NM	N/A	NM	N/A
MW-11	510.29	8.80	501.49	10.82	499.47	6.90	503.39	3.51	506.78	3.03	507.26	3.99	506.30	6.16	504.13	NM	N/A	NM	N/A
BBLMW-4	511.43	9.64	501.79	10.79	500.64	8.82	502.61	4.10	507.33	3.53	507.90	4.38	507.05	6.48	504.95	NM	N/A	NM	N/A
MW-15R	510.64	9.05	501.59	8.88	501.76	7.72	502.92	2.84	507.80	2.11	508.53	3.22	507.42	5.50	505.14	2.26	508.38	1.10	509.54
MW-16R	510.64	8.95	501.69	8.83	501.81	7.55	503.09	3.15	507.49	2.55	508.09	3.40	507.24	4.72	505.92	2.11	508.53	1.48	509.16

Well	Reference Elevation	6/6/2005		9/8/2005		12/9/2005		3/28/2006		6/28/2006		9/27/2006		3/8/2007	
		ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.	ft BTOC	Elev.
MW-10	508.68	NM	N/A	6.10	502.58	6.28	502.40	4.99	503.69	5.90	502.78	6.06	502.62	3.75	504.93
MW-11	510.29	NM	N/A	6.27	504.02	5.44	504.85	4.82	505.47	5.72	504.57	6.48	503.81	3.39	506.90
BBLMW-4	511.43	NM	N/A	7.70	503.73	6.70	504.73	5.55	505.88	7.09	504.34	7.39	504.04	5.29	506.14
MW-15R	510.64	4.02	506.62	6.36	504.28	6.52	504.12	4.71	505.93	5.92	504.72	6.70	503.94	4.45	506.19
MW-16R	510.64	4.42	506.22	7.00	503.64	6.78	503.86	5.31	505.33	6.54	504.10	6.91	503.73	4.82	505.82

Notes:
1. ft. BTOC = feet below Top of Casing.
2. Elevation datum: North American Vertical Datum of 1929.
3. NM = Not Measured.

TABLE 2
SUMMARY OF HISTORIC GROUNDWATER SAMPLING RESULTS for MW-15R (ug/L) - VOCs
Gonsenhauser Farm Site
Brighton, New York

	GROUNDWATER SAMPLES																		NYSDEC Groundwater Standards and Guidance Values [1]
	MW-1	BBLMW-1	BBLMW-1	MW-15R	MW-15R DL	MW-15R FD	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	
VOC Compounds	7/7/1997	8/19/1999	10/10/2000	9/3/2003	9/3/2003	9/3/2003	11/6/2003	2/12/2004	5/20/2004	8/27/2004	12/9/2004	3/10/2005	6/6/2005	9/8/2005	12/9/2005	3/28/2006	9/27/2006	3/8/2007	
Chloromethane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 UJ	N/A
Bromomethane	1000 U	2500 U	1300 U	200 UJ	800 UJ	800 UJ	800 U	50 U	20 UJ	10 UJ	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 UJ	5
Vinyl Chloride	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 UJ	2
Chloroethane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 UJ	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Methylene Chloride	2000 U	1200 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Acetone	2000 U	6400 U	5000 U	**120 J**	800 U	800 U	800 U	50 U	20 U	10 U	20 UJ	10 U	10 UJ	10 U	50 U	50 UJ	10 U	10 U	50 (G)
Carbon Disulfide	1000 U	2500 U	2500 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 UJ	50 U	50 U	10 U	10 U	60 (G)
1,1-Dichloroethene	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
1,1-Dichloroethane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Chloroform	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	7
1,2-Dichloroethane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	1
2-Butanone	2000 U	2500 U	2500 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 UJ	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	50 (G)
1,1,1-Trichloroethane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Carbon Tetrachloride	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Bromodichloromethane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	50 (G)
1,2-Dichloropropane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 UJ	10 UJ	10 U	50 U	50 U	10 U	10 U	1
cis-1,3-Dichloropropene	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	0.4
Trichloroethene	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Dibromochloromethane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	50 (G)
1,1,2-Trichloroethane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	1
Benzene	**3,900**	**6,800 D**	**9,900**	**10,000 E**	**11,000 D**	**10,000**	**8,500**	**190**	**29**	**9 J**	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	1
trans-1,3-Dichloropropene	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	0.4
Bromoform	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	50 (G)
4-Methyl-2-Pentanone	2000 U	2500 U	2500 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	50 (G)
2-Hexanone	2000 U	2500 U	2500 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	50 (G)
Tetrachloroethene	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Toluene	**26,000**	**31,000 D**	**28,000**	**200**	**200 DJ**	**180 J**	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
1,1,2,2-Tetrachloroethane	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Chlorobenzene	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Ethylbenzene	**3,200**	**2,300 JD**	**2,400**	**800**	**740 DJ**	**670 J**	**520 J**	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Styrene	1000 U	2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Total Xylenes	**17,500**	**11,700 D**	**14,400**	**340 J**	2400 U	2400 U	2400 U	150 U	60 U	30 U	60 U	30 U	30 UJ	30 U	150 U	150 U	30 U	30 U	5
Dichlorodifluoromethane		2500 U		200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Trichlorofluoromethane		2500 U		200 U	800 U	800 U	800 UJ	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 UJ	5
1,1,2-Trichloro-1,2,2-trifluoroethane				200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	N/A
trans-1,2-Dichloroethene		2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Methyl tert butyl ether	1000 U	2500 U		**220**	**210 DJ**	**220 J**	800 U	**120**	**40**	**29**	**22**	**19**	**15** J	***12***	**6** J	**5** J	**4** J	**4** J	10 (G)
cis-1,2-Dichloroethene		2500 U	1300 U	200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Cyclohexane				**140 J**	800 U	800 U	800 U	**71**	**19 J**	**5 J**	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	N/A
Methylcyclohexane				200 U	800 U	800 U	800 U	**14 J**	**5 J**	10 U	20 U	10 UJ	10 UJ	10 U	50 U	50 U	10 U	10 U	N/A
1,2-Dibromoethane				200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	N/A
Isopropylbenzene	1000 U	2500 U		200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
1,3-Dichlorobenzene		2500 U		200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	3
1,4-Dichlorobenzene		2500 U		200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	3
1,2-Dichlorobenzene		2500 U		200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	3
1,2-Dibromo-3-Chloropropane		2500 U		200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	0.04
1,2,4-Trichlorobenzene		2500 U		200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	5
Methyl Acetate				200 U	800 U	800 U	800 U	50 U	20 U	10 U	20 U	10 U	10 UJ	10 U	50 U	50 U	10 U	10 U	N/A
TOTAL TICS																		17	

Notes:
1. NYSDEC. October 22, 1993. Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Reissued June 1998. April 2000 Addendum.
2. ug/l = all values are expressed in micrograms per liter, which is equivalent to parts per billion (ppb).
3. **Bold-faced** values are concentrations that have been reported above the detection limits.
4. **Bold-faced and** Underlined values are reported concentrations that exceed the Class GA groundwater standards or guidance values.
5. (G) = guidance value.
6. Blank spaces indicate that this sample was not analyzed for this compound.
7. The 9/3/03, 11/6/03, 2/12/2004, 5/20/2004, 8/27/2004, 12/9/2004, 3/10/2005, and 3/8/2007 data includes DUSR qualifications and corrections.
8. FD = Field Duplicate.
9. Data qualifiers are defined on page 8 of Appendix B.

TABLE 3
SUMMARY OF HISTORIC GROUNDWATER SAMPLING RESULTS for MW-15R (ug/L) - SVOCs
Gonsenhauser Farm Site
Brighton, New York

	GROUNDWATER SAMPLES																		NYSDEC Groundwater Standards and Guidance Values [1]
	MW-1	BBLMW-1	BBLMW-1	MW-15R	MW-15R DL	MW-15R FD	MW-15R	MW-15R	MW-15R DL	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	MW-15R	
SVOC Compounds	7/7/1997	8/19/1999	10/10/2000	9/3/2003	9/3/2003	9/3/2003	12/4/2003	2/12/2004	2/12/2004	5/20/2004	8/27/2004	12/9/2004	3/10/2005	6/6/2005	9/8/2005	12/9/2005	3/28/2006	9/27/2006	3/8/2007	
Phenol	**11**		**72**	**50**	**53 D**	**80 E**	**59**	**30**	**31 DJ**	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	1
Bis(2-chloroethyl) ether	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	1
2-Chlorophenol	5 U		50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
2-Methylphenol	5 U		**210**	**3 J**	50 U	**3 J**	**1 J**	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
2,2'-Oxybis(1-Chloropropane)			50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	N/A
4-Methylphenol			**340**	**2 J**	50 U	**2 J**	**0.9 J**	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	N/A
N-Nitroso-Di-n-propylamine	5 U	**1 JN**	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
Hexachloroethane	5 U	**15 JN**	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
Nitrobenzene	5 U	**5 JN**	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	0.4
Isophorone	5 U	**2 J**	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
2-Nitrophenol	5 U		50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
2,4-Dimethylphenol	**96**		**240**	**8 J**	**6 DJ**	**9 J**	4 J	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
Bis(2-chloroethoxy) methane	5 U	**1 J**	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	N/A
2,4-Dichlorophenol	5 U		50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
Naphthalene	**190**	5 UJ	**280**	**34**	**38 DJ**	**40**	**32**	**2 J**	**2 DJ**	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	10
4-Chloroaniline	5 U	**6 JN**	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
Hexachlorobutadiene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	0.5
4-Chloro-3-methylphenol	5 U		50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
2-Methylnaphthalene	**85**	**92 EJN**	**42 J**	**1 J**	50 U	**1 J**	0.4 J	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
Hexachlorocyclopentadiene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
2,4,6-Trichlorophenol	5 U		50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	N/A
2,4,5-Trichlorophenol	5 U		50 U	25 U	120 U	25 U	24 U	24 U	120 U	24 U	25 U	24 U	24 UJ	24 UJ	24 U	25 U	24 U	24 U	24 U	1
2-Chloronaphthalene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	10
2-Nitroaniline	10 U	**12 JN**	250 U	25 U	120 U	25 U	24 U	24 U	120 U	24 U	25 U	24 U	24 UJ	24 UJ	24 U	25 U	24 U	24 U	24 U	5
Dimethyl phthalate	5 U	10 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
Acenaphthylene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	20
2,6-Dinitrotoluene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
3-Nitroaniline	10 U	25 UJ	250 U	25 U	120 U	25 U	24 U	24 U	120 U	24 U	25 U	24 U	24 UJ	24 UJ	24 U	25 U	24 U	24 U	24 U	5
Acenaphthene	5 U	5 UJ	50 U	10 UJ	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	20
2,4-Dinitrophenol	5 U		250 U	25 U	120 U	25 U	24 UJ	24 U	120 U	24 UJ	25 UJ	24 U	24 UJ	24 UJ	24 UJ	25 U	24 UJ	24 UJ	24 U	5
4-Nitrophenol	5 U		250 U	25 UJ	120 U	25 U	24 UJ	24 U	120 U	24 U	25 U	24 U	24 UJ	24 UJ	24 U	25 UJ	24 U	24 U	24 U	5
Dibenzofuran	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
2,4-Dinitrotoluene	5 U	5 UJ	50 UJ	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
Diethyl phthalate	**6**	10 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
4-Chlorophenyl phenyl ether	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	N/A
Fluorene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
4-Nitroaniline	10 U	25 UJ	250 U	25 U	120 U	25 U	24 U	24 U	120 U	24 U	25 U	24 U	24 UJ	24 UJ	24 U	25 U	24 U	24 U	24 U	5
4,6-Dinitro-2-methylphenol	10 U		250 U	25 U	120 UJ	25 U	24 U	24 U	120 U	24 U	25 U	24 U	24 UJ	24 UJ	24 U	25 U	24 U	24 U	24 U	N/A
N-nitrosodiphenylamine	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
4-Bromophenyl phenyl ether	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	N/A
Hexachlorobenzene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	0.04
Pentachlorophenol	10 U		250 U	25 U	120 U	25 U	24 U	24 U	120 U	24 UJ	25 U	24 U	24 UJ	24 UJ	24 U	25 U	24 U	24 U	24 U	1
Phenanthrene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
Anthracene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
Carbazole	10 U		50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	N/A
Di-n-butyl phthalate	5 U	10 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	17	10 U	10.0 U	10.0 U	9 U	50
Fluoranthene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
Pyrene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	**0.4** J	10 U	10 U	9 U	50
Butyl benzyl phthalate	5 U	10 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
3,3'-Dichlorobenzidine	10 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
Benzo(a)anthracene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	0.002
Chrysene	5 U	5 UJ	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	0.002
Bis(2-ethylhexyl) phthalate	**27**	**10 JN**	50 U	10 U	50 U	10 U	9 U	**16**	47 U	10 U	10 U	10 U	10 U	10 U	10 U	26 U	10 U	**2** BJ	9 U	5
Di-n-octyl phthalate	5 U	10 U	50 U	10 U	50 UJ	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
Benzo(b)fluoranthene	5 U	5 U	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	0.002
Benzo(k)fluoranthene	5 U	5 U	50 U	10 UJ	50 U	10 UJ	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	0.002
Benzo(a)pyrene	5 U	5 U	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	0.002
Indeno(1,2,3-cd)pyrene	5 U	5 U	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	0.002
Dibenzo(a,h)anthracene	5 U	5 U	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	50
Benzo(ghi)perylene	5 U	5 U	50 U	10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 UJ	5
Acetophenone				10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	N/A
Atrazine				10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	7.5
Benzaldehyde				10 U	50 U	10 U	9 U	9 U	47 U	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	N/A
Caprolactum				**110 E**	**110 D**	**200 E**	9 U	**130 E**	**140 D**	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 UJ	10 U	10 U	9 U	N/A
BiPhenyl				10 U	50 U	10 U	9 U	9 U	47 U	10 UJ	10 U	10 U	10 UJ	10 UJ	10 U	10 U	10 U	10 U	9 U	5
TOTAL TICS																**73**			**3**	

Notes:
1. NYSDEC. October 22, 1993. Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Reissued June 1998. April 2000 Addendum.
2. ug/l = all values are expressed in micrograms per liter, which is equivalent to parts per billion (ppb).
3. **Bold-faced** values are concentrations that have been reported above the detection limits.
4. **Bold-faced and** Underlined values are reported concentrations that exceed the Class GA groundwater standards or guidance values.
5. Blank spaces indicate that this sample was not analyzed for this compound.
6. The 9/3/03, 12/4/03, 2/12/2004, 5/20/2004, 12/9/2004, 3/10/2005 and 3/8/2007 data includes DUSR qualifications and corrections.
7. FD = Field Duplicate.
8. Data qualifiers are defined on page 8 of Appendix B.

TABLE 4
SUMMARY OF HISTORIC GROUNDWATER SAMPLING RESULTS for MW-16R (ug/L) - VOCs
Gonsenhauser Farm Site
Brighton, New York

	GROUNDWATER SAMPLES																			NYSDEC Groundwater
	MW-2			MW-16R	MW-16R DL	MW-16R	MW-17	MW-16R	DUPLICATE	MW-16R	MW-16R DL	MW-17R	DUPLICATE DL	MW-16R	MW-17R	MW-16R	MW-17R	MW-16R	MW-17R	Standards and Guidance Values [1]
VOC Compounds	7/7/1997	8/20/1999	10/11/2000	9/3/2003	9/3/2003	11/6/2003	11/6/2003	2/12/2004	2/12/2004	5/20/2004	5/20/2004	5/20/2004	5/20/2004	8/27/2004	8/27/2004	12/9/2004	12/9/2004	3/10/2005	3/10/2005	
Chloromethane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	N/A
Bromomethane	1000 U	2500 U	250 U	500 UJ	1000 UJ	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 UJ	50 UJ	50 UJ	20 U	20 U	10 U	10 U	5
Vinyl Chloride	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	2
Chloroethane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 UJ	10 UJ	5
Methylene Chloride	2000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Acetone	2000 U	2500 U	1000 U	500 U	1000 U	1000 UJ	100 UJ	100 U	100 U	**80 J**	200 U	**79 J**	**130 DJ**	50 U	50 U	20 UJ	20 UJ	10 U	10 U	50 (G)
Carbon Disulfide	1000 U	2500 U	500 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	60 (G)
1,1-Dichloroethene	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
1,1-Dichloroethane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Chloroform	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	7
1,2-Dichloroethane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	1
2-Butanone	2000 U	**3000 D**	**360 J**	500 U	1000 U	**450 J**	100 UJ	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 UJ	20 UJ	10 U	10 U	50 (G)
1,1,1-Trichloroethane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Carbon Tetrachloride	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Bromodichloromethane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	50 (G)
1,2-Dichloropropane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 UJ	10 UJ	1
cis-1,3-Dichloropropene	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	0.4
Trichloroethene	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Dibromochloromethane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	50 (G)
1,1,2-Trichloroethane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	1
Benzene	**9,000**	**13,000 D**	**7,400**	**16,000 E**	**16,000 D**	**13,000**	100 U	**1,400**	**1,400**	**2,200 E**	**2300 D**	**2,200 E**	**2,300 DJ**	**740**	**780**	**76**	**76**	**95**	**100**	1
trans-1,3-Dichloropropene	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	0.4
Bromoform	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	50 (G)
4-Methyl-2-Pentanone	2000 U	2500 U	500 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	50 (G)
2-Hexanone	2000 U	2500 U	500 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	50 (G)
Tetrachloroethene	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Toluene	**20,000**	**21,000 D**	**12,000 D**	**3,000**	**3,000 D**	**1,700**	**1600**	**45 J**	**46 J**	**140**	**140 DJ**	**140**	**140 DJ**	**24 J**	**25 J**	20 U	20 U	**2 J**	**2 J**	5
1,1,2,2-Tetrachloroethane	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Chlorobenzene	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Ethylbenzene	**2,100**	**1,400 JD**	**1,500**	**1,300**	**1,300 D**	**1,000**	**1100**	**210**	**200**	**280**	**280 D**	**280**	**260** DJ	**94**	**97**	**16 J**	**16 J**	**15**	**16**	5
Styrene	1000 U	2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Total Xylenes	**10,800**	**6,800 JD**	**8,000**	**3,100**	**2,900 DJ**	**2,300 J**	**2400**	300 U	300 U	100 J	600 U	100 J	200 J	150 J	150 J	60 U	60 U	30 U	30 U	5
Dichlorodifluoromethane		2500 U		500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Trichlorofluoromethane		2500 U		500 U	1000 U	1000 UJ	100 UJ	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
1,1,2-Trichloro-1,2,2-trifluoroethane				500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	N/A
trans-1,2-Dichloroethene		2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Methyl tert butyl ether	1000 U	2500 U		500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	10 (G)
cis-1,2-Dichloroethene		2500 U	250 U	500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Cyclohexane				**550**	**580 DJ**	**540 D**	**570**	**250**	**240**	**310**	**280 D**	**310**	**250 D**	**77**	**79**	**46**	**46**	**20**	**20**	N/A
Methylcyclohexane				500 U	1000 U	1000 U	**140**	**55 J**	**58 J**	**82 J**	**75 DJ**	**82 J**	**69 DJ**	**21 J**	**21 J**	**9 J**	**9 J**	**3 J**	**3 J**	N/A
1,2-Dibromoethane				500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	N/A
Isopropylbenzene	1000 U	2500 U		500 U	1000 U	1000 U	**24 J**	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
1,3-Dichlorobenzene		2500 U		500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	3
1,4-Dichlorobenzene		2500 U		500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	3
1,2-Dichlorobenzene		2500 U		500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	3
1,2-Dibromo-3-Chloropropane		2500 U		500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	0.04
1,2,4-Trichlorobenzene		2500 U		500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	5
Methyl Acetate				500 U	1000 U	1000 U	100 U	100 U	100 U	100 U	200 U	100 U	200 U	50 U	50 U	20 U	20 U	10 U	10 U	N/A
TOTAL TICS																				

Notes:
1. NYSDEC. October 22, 1993. Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Reissued June 1998. April 2000 Addendum.
2. ug/l = all values are expressed in micrograms per liter, which is equivalent to parts per billion (ppb).
3. **Bold-faced** values are concentrations that have been reported above the detection limits.
4. **Bold-faced and** Underlined values are reported concentrations that exceed the Class GA groundwater standards or guidance values.
5. (G) = guidance value.
6. Blank spaces indicate that this sample was not analyzed for this compound.
7. The 9/3/03, 11/6/03, 2/12/2004, 5/20/2004, 8/27/2004, 12/9/2004, and 3/10/2005 data includes DUSR qualifications and corrections.
8. DL = Dilution factor of 5.00 due to the high concentration of target analyte(s).
9. Samples MW-17 and MW-17R are Blind Field Duplicates of MW-16R.
10. Data qualifiers are defined on page 12 of Appendix B.

TABLE 4
SUMMARY OF HISTORIC GROUNDWATER SAMPLING RESULTS for MW-16R (ug/L) - VOCs
Gonsenhauser Farm Site
Brighton, New York

	GROUNDWATER SAMPLES												NYSDEC Groundwater
	MW-16R	MW-17R	MW-16R	MW-17	MW-16R	MW-17	MW-16R	MW-17	MW-16R	MW-17	MW-16R	MW-17	Standards and Guidance
VOC Compounds	6/6/2005	6/6/2005	9/8/2005	9/8/2005	12/9/2005	12/9/2005	3/28/2006	3/28/2006	9/27/2006	9/27/2006	3/8/2007	3/8/2007	Values [1]
Chloromethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 UJ	10 UJ	N/A
Bromomethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 UJ	10 UJ	5
Vinyl Chloride	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 UJ	10 UJ	2
Chloroethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Methylene Chloride	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Acetone	**11** J	**8** J	10 U	10 U	50 U	50 U	50 UJ	20 UJ	10 U	10 U	3 J	10 U	50 (G)
Carbon Disulfide	10 UJ	10 UJ	10 UJ	10 UJ	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	60 (G)
1,1-Dichloroethene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
1,1-Dichloroethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Chloroform	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	7
1,2-Dichloroethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	1
2-Butanone	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	50 (G)
1,1,1-Trichloroethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Carbon Tetrachloride	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Bromodichloromethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	50 (G)
1,2-Dichloropropane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	1
cis-1,3-Dichloropropene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	0.4
Trichloroethene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Dibromochloromethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	50 (G)
1,1,2-Trichloroethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	1
Benzene	***160*** J	***160*** D	***53***	***66***	***190***	***180***	***78***	***84***	***8*** J	***9*** J	***5*** J	***5*** J	1
trans-1,3-Dichloropropene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	0.4
Bromoform	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	50 (G)
4-Methyl-2-Pentanone	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	50 (G)
2-Hexanone	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	50 (G)
Tetrachloroethene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Toluene	**2** J	**2** J	10 U	10 U	50 U	**2** J	50 U	**2** J	10 U	10 U	10 U	10 U	5
1,1,2,2-Tetrachloroethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Chlorobenzene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Ethylbenzene	***20*** J	***25*** J	***6***	***7*** J	***11*** J	***10*** J	50 U	**4** J	10 U	10 U	10 U	10 U	5
Styrene	10 UJ	10 UJ	30 U	30 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Total Xylenes	30 UJ	30 UJ	10 U	10 U	150 U	150 U	150 U	60 U	30 U	30 U	30 U	30 U	5
Dichlorodifluoromethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Trichlorofluoromethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 UJ	10 UJ	5
1,1,2-Trichloro-1,2,2-trifluoroethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	N/A
trans-1,2-Dichloroethene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Methyl tert butyl ether	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	10 (G)
cis-1,2-Dichloroethene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Cyclohexane	**25** J	**30** J	**6** J	**8** J	**10** J	**9** J	50 J	**3** J	**6** J	**6** J	**3** J	**3** J	N/A
Methylcyclohexane	**7** J	**7** J	**2** J	**2** J	50 U	**2** J	50 U	20 U	**2** J	**3** J	**1** J	**1** J	N/A
1,2-Dibromoethane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	N/A
Isopropylbenzene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
1,3-Dichlorobenzene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	3
1,4-Dichlorobenzene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	3
1,2-Dichlorobenzene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	3
1,2-Dibromo-3-Chloropropane	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	0.04
1,2,4-Trichlorobenzene	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	5
Methyl Acetate	10 UJ	10 UJ	10 U	10 U	50 U	50 U	50 U	20 U	10 U	10 U	10 U	10 U	N/A
TOTAL TICS					**214**	**269**	**29**	**69**	**176**	**207**	**85**	**90**	

Notes:
1. NYSDEC. October 22, 1993. Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Reissued June 1998. April 2000 Addendum.
2. ug/l = all values are expressed in micrograms per liter, which is equivalent to parts per billion (ppb).
3. **Bold-faced** values are concentrations that have been reported above the detection limits.
4. **Bold-faced and** Underlined values are reported concentrations that exceed the Class GA groundwater standards or guidance values.
5. (G) = guidance value.
6 . Blank spaces indicate that this sample was not analyzed for this compound.
7. The 6/6/05, 9/8/05 and 3/8/2007 data includes DUSR qualifications and corrections.
8. Samples MW-17R and MW-17 are Blind Field Duplicates of MW-16R.
9. Data qualifiers are defined on page 8 of Appendix B.

TABLE 5
SUMMARY OF HISTORIC GROUNDWATER SAMPLING RESULTS for MW-16R (ug/L) - SVOCs
Gonsenhauser Farm Site
Brighton, New York

	GROUNDWATER SAMPLES																NYSDEC Groundwater Standards and Guidance Values [1]
	MW-2			MW-16R	MW-16R DL	MW-16R	MW-17	MW-16R	DUPLICATE	MW-16R	DUPLICATE	MW-16R	MW-17R	MW-16R	MW-17R	MW-16R	MW-17R	
SVOC Compounds	7/7/1997	8/20/1999	10/11/2000	9/3/2003	9/3/2003	12/4/2003	12/4/2003	2/12/2004	2/12/2004	5/20/2004	5/20/2004	8/27/2004	8/27/2004	12/9/2004	12/9/2004	3/10/2005	3/10/2005	
Phenol	5 U	**7**	**10 J**	**19**	**20 DJ**	**24 J**	**28 J**	**14 J**	**20**	**23**	**19**	**12**	**7 J**	**2 J**	**2 J**	**2 J**	**4 J**	1
Bis(2-chloroethyl) ether	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	1
2-Chlorophenol	5 U		30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
2-Methylphenol	5 U	**23 JN**	**15 J**	**16**	**16 DJ**	**12 J**	**13 J**	38 U	9 U	1 J	1 J	10 U	10 U	10 U	10 U	10 UJ	10 U	5
2,2'-Oxybis(1-Chloropropane)			30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	N/A
4-Methylphenol		**84 J**	**190**	**42**	**41 D**	**26 J**	28 J	38 U	0.4 J	0.7 J	0.7 J	10 U	10 U	10 U	10 U	10 UJ	10 U	N/A
N-Nitroso-Di-n-propylamine	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
Hexachloroethane	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
Nitrobenzene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	0.4
Isophorone	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
2-Nitrophenol	5 U		30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
2,4-Dimethylphenol	5 U	**34**	**28 J**	**10**	**9 DJ**	6 J	8 J	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
Bis(2-chloroethoxy) methane	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	N/A
2,4-Dichlorophenol	5 U		30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
Naphthalene	**140**	**75 J**	**140**	**100 E**	**120 D**	**120**	**130**	**24 J**	**25**	**24**	**30**	**13**	**11**	**3 J**	**2 J**	**1 J**	**1 J**	10
4-Chloroaniline	5 U	5 UJ	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
Hexachlorobutadiene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	0.5
4-Chloro-3-methylpheno	5 U		30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
2-Methylnaphthalene	**47**	**17**	**35**	**5 J**	**4 DJ**	4 J	4 J	38 U	1 J	1 J	1 J	0.5 J	0.4 J	10 U	10 U	10 UJ	10 U	50
Hexachlorocyclopentadiene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
2,4,6-Trichlorophenol	5 U		30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	N/A
2,4,5-Trichlorophenol	5 U		30 U	25 U	100 U	97 U	96 U	95 U	24 U	24 U	24 U	25 U	25 U	25 U	25 U	25 UJ	25 U	1
2-Chloronaphthalene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10
2-Nitroaniline	10 U	25 U	150 U	25 U	100 U	97 U	96 U	95 U	24 U	24 U	24 U	25 U	25 U	25 U	25 U	25 UJ	25 U	5
Dimethyl phthalate	5 U	10 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
Acenaphthylene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	20
2,6-Dinitrotoluene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
3-Nitroaniline	10 U	25 U	150 U	25 U	100 U	97 U	96 U	95 U	24 U	24 U	24 U	25 U	25 U	25 U	25 U	25 UJ	25 U	5
Acenaphthene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	20
2,4-Dinitrophenol	5 U		150 U	25 U	100 U	97 UJ	96 UJ	95 U	24 U	24 UJ	24 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	25 UJ	5
4-Nitrophenol	5 U		150 U	25 U	100 U	97 UJ	96 UJ	95 U	24 U	24 U	24 U	25 U	25 U	25 U	25 U	25 UJ	25 U	5
Dibenzofuran	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
2,4-Dinitrotoluene	5 U	5 U	30 UJ	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
Diethyl phthalate	5 U	10 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
4-Chlorophenyl phenyl ether	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	N/A
Fluorene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
4-Nitroaniline	10 U	25 U	150 U	25 U	100 U	97 U	96 U	95 U	24 U	24 U	24 U	25 U	25 U	25 U	25 U	25 UJ	25 U	5
4,6-Dinitro-2-methylphenol	10 U		150 U	25 U	100 U	97 U	96 U	95 U	24 U	24 U	24 U	25 U	25 U	25 U	25 U	25 UJ	25 U	N/A
N-nitrosodiphenylamine	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
4-Bromophenyl phenyl ether	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	N/A
Hexachlorobenzene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	0.04
Pentachlorophenol	10 U		150 U	25 U	100 U	97 U	96 U	95 U	24 U	24 UJ	24 UJ	25 U	25 U	25 UJ	25 UJ	25 UJ	25 UJ	1
Phenanthrene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
Anthracene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
Carbazole	10 U		30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	N/A
Di-n-butyl phthalate	5 U	10 U	30 U	10 U	40 U	39 U	38 U	38 U	0.9 J	0.5 U	0.5 J	10 U	10 J	10 U	10 U	10 UJ	10 U	50
Fluoranthene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
Pyrene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
Butyl benzyl phthalate	5 U	10 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
3,3'-Dichlorobenzidine	10 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
Benzo(a)anthracene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	0.002
Chrysene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	0.002
Bis(2-ethylhexyl) phthalate	5 U	10 U	30 U	10 U	40 U	39 U	38 U	38 U	**10**	10 U	9 U	10 U	10 U	10 U	10 U	10 U	10 U	5
Di-n-octyl phthalate	5 U	10 U	30 U	**0.3 J**	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
Benzo(b)fluoranthene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	0.002
Benzo(k)fluoranthene	5 U	5 U	30 U	10 UJ	40 UJ	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	0.002
Benzo(a)pyrene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	0.002
Indeno(1,2,3-cd)pyrene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	0.002
Dibenzo(a,h)anthracene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	50
Benzo(ghi)perylene	5 U	5 U	30 U	10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
Acetophenone				10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	N/A
Atrazine				10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	7.5
Benzaldehyde				10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	N/A
Caprolactum				10 U	40 U	39 U	38 U	38 U	9 U	10 UJ	9 UJ	10 U	10 UJ	10 U	10 U	10 UJ	10 U	N/A
BiPhenyl				10 U	40 U	39 U	38 U	38 U	9 U	10 U	9 U	10 U	10 U	10 U	10 U	10 UJ	10 U	5
TOTAL TICS																		

Notes:
1. NYSDEC. October 22, 1993. Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Reissued June 1998. April 2000 Addendum.
2. ug/l = all values are expressed in micrograms per liter, which is equivalent to parts per billion (ppb).
3. **Bold-faced** values are concentrations that have been reported above the detection limits.
4. **Bold-faced and** Underlined values are reported concentrations that exceed the Class GA groundwater standards or guidance values.
5. Blank spaces indicate that this sample was not analyzed for this compound.
6. The 9/3/03, 12/4/03, 2/12/2004, 5/20/2004, 8/27/2004, 12/9/2004, and 3/10/2005 data includes DUSR qualifications and corrections.
7. Samples MW-17, MW-17R, and DUPLICATE are blind field duplicates of MW-16R.
8. Data qualifiers are defined on page 12 of Appendix B.

TABLE 5
SUMMARY OF HISTORIC GROUNDWATER SAMPLING RESULTS for MW-16R (ug/L) - SVOCs
Gonsenhauser Farm Site
Brighton, New York

	GROUNDWATER SAMPLES												NYSDEC Groundwater Standards and Guidance Values [1]
SVOC Compounds	MW-16R 6/6/2005	MW-17R 6/6/2005	MW-16R 9/8/2005	MW-17 9/8/2005	MW-16R 12/9/2005	MW-17 12/9/2005	MW-16R 3/28/2006	MW-17 3/28/2006	MW-16R 9/27/2006	MW-17 9/27/2006	MW-16R 3/8/2007	MW-17 3/8/2007	
Phenol	**4** J	**4** J	**1** J	10 U	**5** J	**6** J	**5** J	**5** J	10 U	10 U	9 U	9 U	1
Bis(2-chloroethyl) ether	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	1
2-Chlorophenol	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
2-Methylphenol	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
2,2'-Oxybis(1-Chloropropane)	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
4-Methylphenol	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
N-Nitroso-Di-n-propylamine	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
Hexachloroethane	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
Nitrobenzene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	0.4
Isophorone	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
2-Nitrophenol	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
2,4-Dimethylphenol	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
Bis(2-chloroethoxy) methane	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
2,4-Dichlorophenol	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
Naphthalene	**0.8** J	**0.7** J	10 U	10 U	**0.5** J	**0.6** J	10 U	10 U	10 U	10 U	9 U	9 U	10
4-Chloroaniline	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
Hexachlorobutadiene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	0.5
4-Chloro-3-methylpheno	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
2-Methylnaphthalene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
Hexachlorocyclopentadiene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
2,4,6-Trichlorophenol	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
2,4,5-Trichlorophenol	25 UJ	25 UJ	25 U	25 U	25 U	24 U	24 U	24 U	24 U	24 U	24 U	24 U	1
2-Chloronaphthalene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	10
2-Nitroaniline	25 UJ	25 UJ	25 U	25 U	25 U	24 U	24 U	24 U	24 U	24 U	24 U	24 U	5
Dimethyl phthalate	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
Acenaphthylene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	20
2,6-Dinitrotoluene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
3-Nitroaniline	25 UJ	25 UJ	25 U	25 U	25 U	24 U	24 U	24 U	24 U	24 U	24 U	24 U	5
Acenaphthene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	20
2,4-Dinitrophenol	25 UJ	25 UJ	25 UJ	25 UJ	25 U	24 U	24 UJ	24 UJ	24 UJ	24 UJ	24 U	24 U	5
4-Nitrophenol	25 UJ	25 UJ	25 U	25 U	25 UJ	24 UJ	24 U	24 U	24 U	24 U	24 U	24 U	5
Dibenzofuran	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
2,4-Dinitrotoluene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
Diethyl phthalate	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	**0.5** J	10 U	**0.5** J	9 U	9 U	50
4-Chlorophenyl phenyl ether	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
Fluorene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
4-Nitroaniline	25 UJ	25 UJ	25 U	25 U	25 U	24 U	24 U	24 U	24 U	24 U	24 U	24 U	5
4,6-Dinitro-2-methylphenol	25 UJ	25 UJ	25 U	25 U	25 U	24 U	24 U	24 U	24 U	24 U	24 U	24 U	N/A
N-nitrosodiphenylamine	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
4-Bromophenyl phenyl ether	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
Hexachlorobenzene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	0.04
Pentachlorophenol	25 UJ	25 UJ	25 U	25 U	25 U	24 U	24 U	24 U	24 U	24 U	24 U	24 U	1
Phenanthrene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
Anthracene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
Carbazole	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
Di-n-butyl phthalate	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10.0 U	10 U	10 U	10 U	9 U	9 U	50
Fluoranthene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
Pyrene	10 UJ	**0.7** J	10 U	10 U	10 U	10 U	10 U	**0.4** J	10 U	10 U	9 U	9 U	50
Butyl benzyl phthalate	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
3,3'-Dichlorobenzidine	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
Benzo(a)anthracene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	0.002
Chrysene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	0.002
Bis(2-ethylhexyl) phthalate	11 U	10 U	10 U	10 U	26 U	10 U	10 U	39 U	**3** BJ	**2** BJ	9 U	9 U	5
Di-n-octyl phthalate	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	9 U	9 U	50
Benzo(b)fluoranthene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	0.002
Benzo(k)fluoranthene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	0.002
Benzo(a)pyrene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	0.002
Indeno(1,2,3-cd)pyrene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	0.002
Dibenzo(a,h)anthracene	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	50
Benzo(ghi)perylene	10 UJ	**0.4** J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 UJ	9 UJ	5
Acetophenone	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
Atrazine	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	7.5
Benzaldehyde	10 UJ	**1** J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
Caprolactum	10 UJ	10 UJ	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U	9 U	9 U	N/A
BiPhenyl	10 UJ	10 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	9 U	9 U	5
TOTAL TICS						4	7	5		4	**5**	**2**	

Notes:
1. NYSDEC. October 22, 1993. Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series (TOGS 1.1.1); Reissued June 1998. April 2000 Addendum.
2. ug/l = all values are expressed in micrograms per liter, which is equivalent to parts per billion (ppb).
3. **Bold-faced** values are concentrations that have been reported above the detection limits.
4. **Bold-faced and** Underlined values are reported concentrations that exceed the Class GA groundwater standards or guidance values.
5. Blank spaces indicate that this sample was not analyzed for this compound.
6. The 6/6/2005 and 3/8/2007 data includes DUSR qualifications and corrections.
7. Sample MW-17R and MW-17 are blind field duplicates of MW-16R.
8. Data qualifiers are defined on page 8 of Appendix B.

APPENDIX A

GROUNDWATER SAMPLING FORM

Stantec

Job Name:	Gonsenhauser Semi-Annual Sampling	Job No:	190500004
Well ID:	MW-15R	Date/Time:	3/8/2007
Samplers:	EM		

Well Depth (ft):	19.70 btoc	Min. Purge Vol. (Gal):	2.4
Water Level (ft): (-)	4.45 btoc	(See Calculations)	
Water Col.(ft):	15.25	Volume Purged:	7.2
		Purge Method:	Disposable bailer

Purge Monitoring							
Vol. Purged/ Time	2.4/1315	2.4/1325	2.4/1335				
Temp(C)	7.3	8.1	7.8				
pH	6.74	6.88	6.97				
Spec. Cond(umhos)	1520	1400	1410				
Turbidity (NTU)	78.7	63.1	100.7				
Dissolved Oxygen mg/l	6.89	6.01	6.85				
ORP (eV)	-54	-78	-82				
Color/odor	slightly cloudy, no petroleum odor	slightly cloudy, no petroleum odor	slightly cloudy, no petroleum odor				

Container	Parameter	Preservative	Filtered (Y/N)
(3-40 mL) x 2	VOCs	HCL	N
(2-1 L) x2	SVOCs	--	N

Physical Appearance/Odor:	see volume #3		
Sample ID:	MW15R-3/07	Sample Time:	1335
Sample ID (matrix spike):	MW15R-3/07-MS	Sample Time:	1335
Sample ID (matrix spike duplicate):	MW15R-3/07-MSD	Sample Time:	1335

Sampling Method: Disposable bailer

Field Parameters @ Sampling	see volume #3					
	Temp	pH	Spec. Conductivity	Turbidity	DO	ORP

Meter ID: Horiba water quality meter, Heron Water Level Meter 3/8"
Lamotte turbidity meter

C of C Number	323911
Sample Containers Labeled	Yes
Sample Delivery Via	courier
Analytical Laboratory	Severn-Trent

Well Vol. Calcs.
15.25 x 0.16 = 2.4

Note: 1" dia. well 1'=0.04 gal; 1.5" dia. well 1'=0.09 gal.
Note: 2" dia. well 1'=0.16 gal; 4" dia. well 1'=0.65' gal.

Weather: 20s, sunny
Comments:

Checked By: PS Date: 5/16/2007

U:\1221406\data\GW Data\Semi-Ann 3-07\190500004_GWSAMP_3.8.07.XLS

GROUNDWATER SAMPLING FORM

Job Name:	Gonsenhauser Semi-Annual Sampling	Job No:	190500004
Well ID:	MW-16R	Date/Time:	3/8/2007
Samplers:	EM		

Well Depth (ft):	19.10 btoc	Min. Purge Vol. (Gal):	2.3
Water Level (ft): (-)	4.82 btoc	(See Calculations)	
Water Col.(ft):	14.28	Volume Purged:	6.9
		Purge Method:	Disposable bailer

Purge Monitoring							
Vol. Purged/ Time	2.3/1625	2.3/1635	2.3/1645				
Temp(C)	7.1	8.6	8.3				
pH	7.35	7.08	7.03				
Spec. Cond(umhos)	1320	1410	1370				
Turbidity (NTU)	2000+	2000+	2000+				
Dissolved Oxygen mg/l	7.39	4.35	6.26				
ORP (eV)	-168	-127	-116				
Color/odor	cloudy, no petroleum odor	cloudy, no petroleum odor	cloudy, no petroleum odor				

Container	Parameter	Preservative	Filtered (Y/N)
(3-40 mL) x 2	VOCs	HCL	N
(2-1 L) x2	SVOCs	--	N

Physical Appearance/Odor:	see volume #3		
Sample ID:	MW16R-3/07	Sample Time:	1645
Sample ID (duplicate):	MW17-3/07	Sample Time:	1655

Sampling Method: Disposable bailer

Field Parameters @ Sampling	see volume #3					
	Temp	pH	Spec. Conductivity	Turbidity	DO	ORP

Meter ID: Horiba water quality meter, Heron Water Level Meter 3/8"
Lamotte turbidity meter

C of C Number	323911
Sample Containers Labeled	Yes
Sample Delivery Via	courier
Analytical Laboratory	Severn-Trent

Well Vol. Calcs.
14.28 x 0.16 = 2.3

Note: 1" dia. well 1'=0.04 gal; 1.5" dia. well 1'=0.09 gal.
Note: 2" dia. well 1'=0.16 gal; 4" dia. well 1'=0.65' gal.

Weather: 20s, sunny
Comments:

Checked By: PS Date: 5/16/2007

U:\1221406\data\GW Data\Semi-Ann 3-07\190500004_GWSAMP_3.8.07.XLS

APPENDIX B

SEVERN TRENT STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A07-2204,A07-2219

STL Project#: NY1A8845.1
SDG#: 2204
Site Name: Stantec Consulting Group, Inc.
Task: Gonsenhauser Farm Brownfields Site

Mr. Peter Smith
Stantec Consulting Group, Inc.
2250 Brighton-Henrietta TL Rd.
Rochester, NY 14623

CC: Ms. Andrea Schuessler

STL Buffalo

Ryan T. VanDette
Project Manager

03/19/2007

STL Buffalo
Current Certifications

As of 9/28/2006

STATE	Program	Cert # / Lab ID
AFCEE	AFCEE	
Arkansas	SDWA, CWA, RCRA, SOIL	88-0686
California	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA,NELAP CWA, RCRA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA,ASP	10026
Oklahoma	CWA, RCRA	9421
Pennsylvania	NELAP CWA,RCRA	68-00281
South Carolina	RCRA	91013
Tennessee	SDWA	02970
USDA	FOREIGN SOIL PERMIT	S-41579
USDOE	Department of Energy	DOECAP-STB
Virginia	SDWA	278
Washington	CWA,RCRA	C1677
West Virginia	CWA,RCRA	252
Wisconsin	CWA, RCRA	998310390

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7221901	MW15R-3/07	WATER	03/08/2007	13:35	03/09/2007	08:25
A7221901MS	MW15R-3/07	WATER	03/08/2007	13:35	03/09/2007	08:25
A7221901SD	MW15R-3/07	WATER	03/08/2007	13:35	03/09/2007	08:25
A7221902	MW16R-3/07	WATER	03/08/2007	16:45	03/09/2007	08:25
A7221903	MW17-3/07	WATER	03/08/2007	16:55	03/09/2007	08:25
A7220401	PURGE-3/07	WATER	03/08/2007	17:00	03/09/2007	08:25
A7221904	TRIP BLANK	WATER	02/26/2007		03/09/2007	08:25

METHODS SUMMARY

Job#: A07-2204,A07-2219

STL Project#: NY1A8845.1
SDG#: 2204
Site Name: Stantec Consulting Group, Inc.

PARAMETER	ANALYTICAL METHOD
EPA OLM04.2 - VOLATILES	OLM04 EPA VOA
STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE	CFR136 602
EPA OLM04.2 - SEMIVOLATILES	OLM04 EPA SVOA

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

OLM04 "Statement of Work for Organics Analysis", OLM04.2, USEPA Contract Laboratory Program, Multi-media, Multi-concentration.

NON-CONFORMANCE SUMMARY

Job#: A07-2204,A07-2219

STL Project#: NY1A8845.1
SDG#: 2204
Site Name: Stantec Consulting Group, Inc.

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-2204
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.
A07-2219
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
Strict internal chain of custody required.

GC/MS Volatile Data

The spike recovery of the analyte Trichloroethene in the Matrix Spike Duplicate of sample MW15R-3/07 exceeded quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

All samples were preserved to a pH less than 2.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC/MS Semivolatile Data

The spike recovery for 4-Nitrophenol was above the method defined quality control limits in the Matrix Spike Blank A7B0339201 and the Matrix Spike Duplicate of sample MW15R-3/07. Since the results were biased high and the analyte was not detected in the samples, no corrective action was performed.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Ryan T. VanDette
Project Manager

3/20/07
Date

STL

DATA QUALIFIER PAGE

These definitions are provided in the event the data in this report requires the use of one or more of the qualifiers. Not all qualifiers defined below are necessarily used in the accompanying data package.

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for CLP methodology only. For Pesticide/Aroclor target analytes, when a difference for detected concentrations between the two GC columns is greater than 25%, the lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
1	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected. Report with the detection limit value.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates the spike or duplicate analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9082.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9082.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	4	J
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9082.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	2.06	6	J
2.	UNKNOWN	3.05	5	J
3.	UNKNOWN	4.14	6	J

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9085.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	5	J
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9085.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	3	J
108-87-2	Methylcyclohexane	1	J
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9085.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.51	11	J
2.	UNKNOWN	1.64	19	J
3.	UNKNOWN	2.06	24	J
4.	UNKNOWN	2.28	9	J
5.	UNKNOWN	3.05	10	J
6.	UNKNOWN	4.03	6	J
7. 496-11-7	INDANE	10.18	6	JN

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9086.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	5	J
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9086.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	3	J
108-87-2	Methylcyclohexane	1	J
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9086.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 7

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.51	11	J
2.	UNKNOWN	1.63	21	J
3.	UNKNOWN	2.06	26	J
4.	UNKNOWN	2.29	9	J
5.	UNKNOWN	3.05	11	J
6.	UNKNOWN	4.03	6	J
7. 496-11-7	INDANE	10.18	6	JN

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221904

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9071.RR

Level: (low/med) LOW Date Samp/Recv: 02/26/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221904

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9071.RR

Level: (low/med) LOW Date Samp/Recv: 02/26/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221904

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9071.RR

Level: (low/med) LOW Date Samp/Recv: 02/26/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
ANALYSIS DATA SHEET

Client No.

PURGE-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7220401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A36126.TX0

Level: (low/med) Low Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/12/2007

GC Column: ZB-624 Dia: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	1.4	
108-90-7	Chlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
100-41-4	Ethylbenzene	0.26	J
108-88-3	Toluene	0.59	J
1634-04-4	Methyl-t-Butyl Ether (MTBE)	0.39	J
108-38-3	m-Xylene	0.67	1J
95-47-6	o-Xylene	1.0	U
106-42-3	p-Xylene	0.67	1J

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	2	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	U
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	57-11-4	OCTADECANOIC ACID	14.15	3	JN

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	U
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 57-10-3	N-HEXADECANOIC ACID	13.37	2	JN
2.	UNKNOWN ACID	14.15	3	J

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	2	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	U
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 57-11-4	OCTADECANOIC ACID	14.15	2	JN

EPA OLM04.2 - VOLATILES
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 2204

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	MSB58	A7B0331901	96		100		101							0
2	MSB59	A7B0333501	96		102		102							0
3	MW15R-3/07	A7221901	98		102		102							0
4	MW15R-3/07	A7221901MS	96		104		100							0
5	MW15R-3/07	A7221901SD	95		104		100							0
6	MW16R-3/07	A7221902	99		103		101							0
7	MW17-3/07	A7221903	100		103		102							0
8	TRIP BLANK	A7221904	98		101		102							0
9	VBLK58	A7B0331902	97		101		102							0
10	VBLK59	A7B0333502	95		105		101							0

			QC LIMITS
BFB	=	p-Bromofluorobenzene	(86-115)
DCE	=	1,2-Dichloroethane-D4	(76-114)
TOL	=	Toluene-D8	(88-110)

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

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

GC Column(1): ZB-624 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	TFT %REC #								TOT OUT
1	MSB	A7B0338102	99								0
2	MSBD	A7B0338103	99								0
3	PURGE-3/07	A7220401	96								0
4	VBLK	A7B0338101	100								0

QC LIMITS

(TFT) = a,a,a-Trifluorotoluene (59-131)

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

EPA OLM04.2 - SEMIVOLATILES
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

	Client Sample ID	Lab Sample ID	2CP %REC	#	2FP %REC	#	DCB %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#	TOT OUT
1	Matrix Spike Blank	A7B0339201	68		64		68		72		68		65		78		75		0
2	MW15R-3/07	A7221901	57		51		55		62		58		56		67		28	*	1
3	MW15R-3/07	A7221901MS	48		44		49		53		51		46		59		22	*	1
4	MW15R-3/07	A7221901SD	66		59		63		69		67		63		73		27	*	1
5	MW16R-3/07	A7221902	61		54		58		65		62		56		71		22	*	1
6	MW17-3/07	A7221903	59		54		58		65		62		57		71		22	*	1
7	SBLK48	A7B0339202	59		55		56		60		59		56		64		69		0

			QC LIMITS
2CP	=	2-Chlorophenol-d4	(33-110)
2FP	=	2-Fluorophenol	(21-110)
DCB	=	1,2-Dichlorobenzene-d4	(16-110)
FBP	=	2-Fluorobiphenyl	(43-116)
NBZ	=	Nitrobenzene-D5	(35-114)
PHL	=	Phenol-D5	(10-110)
TBP	=	2,4,6-Tribromophenol	(10-123)
TPH	=	p-Terphenyl-d14	(33-141)

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

EPA OLM04.2 - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0331902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: VBLK58

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	56.0	112	61 - 145
Trichloroethene	50.0	53.1	106	71 - 120
Benzene	50.0	53.3	107	76 - 127
Toluene	50.0	53.2	106	76 - 125
Chlorobenzene	50.0	52.6	105	75 - 130

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

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

EPA OLM04.2 - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0333502

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: VBLK59

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	56.6	113	61 - 145
Trichloroethene	50.0	52.7	106	71 - 120
Benzene	50.0	52.8	106	76 - 127
Toluene	50.0	54.1	108	76 - 125
Chlorobenzene	50.0	53.3	107	75 - 130

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

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

EPA OLM04.2 - VOLATILES
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7221901

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: MW15R-3/07

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	65.5	131	61 - 145
Trichloroethene	50.0	0	60.0	120	71 - 120
Benzene	50.0	0	58.4	117	76 - 127
Toluene	50.0	0	58.3	117	76 - 125
Chlorobenzene	50.0	0	56.9	114	75 - 130

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50.0	65.8	132	0	14	61 - 145
Trichloroethene	50.0	61.2	122 *	2	14	71 - 120
Benzene	50.0	59.6	119	2	11	76 - 127
Toluene	50.0	59.1	118	0	13	76 - 125
Chlorobenzene	50.0	57.7	115	0	13	75 - 130

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

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike recovery: 1 out of 10 outside limits

Comments: _____

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0338101

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: VBLK

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Chlorobenzene	4.00	4.18	104	55 - 135	
Benzene	4.00	3.91	98	39 - 150	
1,2-Dichlorobenzene	4.00	4.39	110	55 - 135	
1,3-Dichlorobenzene	4.00	4.21	105	50 - 141	
1,4-Dichlorobenzene	4.00	4.24	106	42 - 143	
Toluene	4.00	4.09	102	46 - 148	
Ethylbenzene	4.00	4.18	104	32 - 160	
m-Xylene	8.00	8.39	105	32 - 160	
o-Xylene	4.00	4.18	105	32 - 160	
Methyl-t-Butyl Ether (1)	4.00	4.13	103	39 - 150	

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
Chlorobenzene	4.00	3.98	100	4	30	55 - 135	
Benzene	4.00	3.64	91	7	30	39 - 150	
1,2-Dichlorobenzene	4.00	4.15	104	6	30	55 - 135	
1,3-Dichlorobenzene	4.00	4.04	101	4	30	50 - 141	
1,4-Dichlorobenzene	4.00	4.08	102	4	30	42 - 143	
Toluene	4.00	3.86	97	5	30	46 - 148	
Ethylbenzene	4.00	3.92	98	6	30	32 - 160	
m-Xylene	8.00	7.92	99	6	30	32 - 160	
o-Xylene	4.00	3.98	100	5	30	32 - 160	
Methyl-t-Butyl Ether (MT	4.00	3.84	96	7	30	39 - 150	

(1) Methyl-t-Butyl Ether (MTBE)

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

* Values outside of QC limits

RPD: 0 out of 10 outside limits
Spike recovery: 0 out of 20 outside limits

Comments: _____

EPA OLMO4.2 - SEMIVOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0339202

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: SBLK48

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
Phenol	75.0	49.0	65		12 - 110
2-Chlorophenol	75.0	55.8	74		27 - 123
N-Nitroso-Di-n-propyl(1)	50.0	39.2	78		41 - 116
4-Chloro-3-methylphenol	75.0	58.5	78		23 - 97
Acenaphthene	50.0	40.2	80		46 - 118
4-Nitrophenol	75.0	68.7	92	*	10 - 80
2,4-Dinitrotoluene	50.0	42.0	84		24 - 96
Pentachlorophenol	75.0	75.7	101		9 - 103
Pyrene	50.0	43.1	86		26 - 127

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

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

* Values outside of QC limits

Spike recovery: 1 out of 9 outside limits

Comments: _____

EPA OLM04.2 - SEMIVOLATILES
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7221901

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: MW15R-3/07

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
Phenol	70.7	0	33.5	47	12 - 110
2-Chlorophenol	70.7	0	38.4	54	27 - 123
N-Nitroso-Di-n-propyl(1)	47.1	0	27.4	58	41 - 116
4-Chloro-3-methylphenol	70.7	0	43.2	61	23 - 97
Acenaphthene	47.1	0	29.2	62	46 - 118
4-Nitrophenol	70.7	0	46.1	65	10 - 80
2,4-Dinitrotoluene	47.1	0	28.4	60	24 - 96
Pentachlorophenol	70.7	0	56.0	79	9 - 103
Pyrene	47.1	0	27.9	59	26 - 127

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	70.7	44.9	63	29	42	12 - 110
2-Chlorophenol	70.7	51.2	72	28	40	27 - 123
N-Nitroso-Di-n-propyl(1)	47.1	35.4	75	26	38	41 - 116
4-Chloro-3-methylphenol	70.7	55.2	78	24	42	23 - 97
Acenaphthene	47.1	37.1	79	24	31	46 - 118
4-Nitrophenol	70.7	59.2	84 *	26	50	10 - 80
2,4-Dinitrotoluene	47.1	36.3	77	25	38	24 - 96
Pentachlorophenol	70.7	70.5	100	23	50	9 - 103
Pyrene	47.1	31.4	67	13	31	26 - 127

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

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

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 1 out of 18 outside limits

Comments: _____

EPA OLMO4.2 - VOLATILES
METHOD BLANK SUMMARY

Client No.: VBLK58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: Q9070.RR Lab Sample ID: A7B0331902

Date Analyzed: 03/09/2007 Time Analyzed: 23:01

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

Instrument ID: HP5973Q

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB58	A7B0331901	Q9069.RR	22:32
2	MW15R-3/07	A7221901	Q9082.RR	04:53
3	MW16R-3/07	A7221902	Q9085.RR	06:18
4	MW17-3/07	A7221903	Q9086.RR	06:47
5	TRIP BLANK	A7221904	Q9071.RR	23:40

Comments: _____

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0331902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9070.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0331902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9070.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0331902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9070.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA OLM04.2 - VOLATILES
METHOD BLANK SUMMARY

Client No.: VBLK59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: Q9095.RR Lab Sample ID: A7B0333502

Date Analyzed: 03/10/2007 Time Analyzed: 12:28

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

Instrument ID: HP5973Q

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB59	A7B0333501	Q9094.RR	12:00
2	MW15R-3/07	A7221901MS	Q9096.RR	15:08
3	MW15R-3/07	A7221901SD	Q9097.RR	15:37

Comments: _____

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0333502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9095.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0333502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9095.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0333502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9095.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
METHOD BLANK SUMMARY

Client No.: VBLK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab Sample ID: A7B0338101 Lab File ID: 0A36123.TX0

Matrix: (soil/water) WATER

Date Analyzed (1): 03/12/2007 Date Analyzed (2): _____

Time Analyzed (1): 12:03 Time Analyzed (2): _____

Instrument ID (1): HP5890-0 Instrument ID (2): _____

GC Column (1): ZB-624 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	MSB	A7B0338102	03/12/2007	
2	MSBD	A7B0338103	03/12/2007	
3	PURGE-3/07	A7220401	03/12/2007	

Comments: _____

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
ANALYSIS DATA SHEET

Client No.: VBLK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0338101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A36123.TX0

Level: (low/med) Low Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 03/12/2007

GC Column: ZB-624 Dia: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	1.0	U
108-90-7	Chlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
108-38-3	m-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
106-42-3	p-Xylene	2.0	U

EPA OLM04.2 - SEMIVOLATILES
METHOD BLANK SUMMARY

Client No.

SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: V19719.RR Lab Sample ID: A7B0339202

Instrument ID: HP5973V Date Extracted: 03/13/2007

Matrix: (soil/water) WATER Date Analyzed: 03/15/2007

Level: (low/med) LOW Time Analyzed: 09:26

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	Matrix Spike Blank	A7B0339201	V19718.RR	03/15/2007
2	MW15R-3/07	A7221901	V19720.RR	03/15/2007
3	MW15R-3/07	A7221901MS	V19721.RR	03/15/2007
4	MW15R-3/07	A7221901SD	V19722.RR	03/15/2007
5	MW16R-3/07	A7221902	V19723.RR	03/15/2007
6	MW17-3/07	A7221903	V19724.RR	03/15/2007

Comments: _____

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339202

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19719.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339202

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19719.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	3	J
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(ghi)perylene	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339202

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19719.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	10	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339202

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19719.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

EPA OLM04.2 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0000607

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 2204

Lab File ID (Standard): Q9068.RR Date Analyzed: 03/09/2007

Instrument ID: HP5973Q Time Analyzed: 21:57

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (BCM) AREA	#	RT	#	IS2 (CBZ) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		185152		4.38		1129848		7.76		1132103		5.20	
	UPPER LIMIT		370304		4.88		2259696		8.26		2264206		5.70	
	LOWER LIMIT		92576		3.88		564924		7.26		566052		4.70	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB58	A7B0331901	184046		4.38		1088132		7.76		1113670		5.20	
2	MW15R-3/07	A7221901	174286		4.39		1011109		7.76		1049091		5.20	
3	MW16R-3/07	A7221902	173808		4.38		1010905		7.76		1039006		5.20	
4	MW17-3/07	A7221903	174894		4.38		1002846		7.77		1043687		5.20	
5	TRIP BLANK	A7221904	178904		4.39		1028207		7.76		1061936		5.20	
6	VBLK58	A7B0331902	179513		4.38		1032059		7.76		1076045		5.20	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (BCM) = Bromochloromethane	(50-200)	-0.50 / +0.50 min
IS2 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

EPA OLM04.2 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0000610

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID (Standard): Q9093.RR Date Analyzed: 03/10/2007

Instrument ID: HP5973Q Time Analyzed: 11:21

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (BCM) AREA	#	RT	#	IS2 (CBZ) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	190066		4.39		1142666		7.76		1141004		5.20	
	UPPER LIMIT	380132		4.89		2285332		8.26		2282008		5.70	
	LOWER LIMIT	95033		3.89		571333		7.26		570502		4.70	
	CLIENT SAMPLE	Lab Sample ID											
1	MSB59	A7B0333501		186121		4.39		1089986		7.76		1133989		5.20	
2	MW15R-3/07	A7221901MS		181101		4.38		1074425		7.76		1091770		5.20	
3	MW15R-3/07	A7221901SD		181056		4.38		1071021		7.76		1093049		5.20	
4	VBLK59	A7B0333502		178874		4.39		1034562		7.76		1072798		5.20	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (BCM) = Bromochloromethane	(50-200)	-0.50 / +0.50 min
IS2 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

EPA OLM04.2 - SEMIVOLATILES
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0000652

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 2204

Lab File ID (Standard): V19717.RR Date Analyzed: 03/15/2007

Instrument ID: HP5973V Time Analyzed: 08:35

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		197366		10.69		296869		15.33		80681		6.12	
	UPPER LIMIT		394732		11.19		593738		15.83		161362		6.62	
	LOWER LIMIT		98683		10.19		148435		14.83		40341		5.62	
	CLIENT SAMPLE	Lab Sample ID												
1	Matrix Spike Blank	A7B0339201	198492		10.69		317989		15.33		80594		6.12	
2	MW15R-3/07	A7221901	206498		10.69		320819		15.33		84055		6.12	
3	MW15R-3/07	A7221901MS	204283		10.69		308284		15.33		81853		6.12	
4	MW15R-3/07	A7221901SD	198438		10.69		306507		15.33		81388		6.12	
5	MW16R-3/07	A7221902	193285		10.69		294354		15.33		81352		6.12	
6	MW17-3/07	A7221903	199929		10.69		307458		15.33		83917		6.12	
7	SBLK48	A7B0339202	211322		10.69		336324		15.33		86314		6.12	

		AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) =	Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) =	Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) =	1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

EPA OLM04.2 - SEMIVOLATILES
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0000652

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 2204

Lab File ID (Standard): V19717.RR Date Analyzed: 03/15/2007

Instrument ID: HP5973V Time Analyzed: 08:35

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		316639		8.06		348790		12.71		266616		16.60	
	UPPER LIMIT		633278		8.56		697580		13.21		533232		17.10	
	LOWER LIMIT		158320		7.56		174395		12.21		133308		16.10	
	CLIENT SAMPLE	Lab Sample ID												
1	Matrix Spike Blank	A7B0339201	328725		8.06		353543		12.71		275091		16.60	
2	MW15R-3/07	A7221901	335928		8.06		354027		12.71		351664		16.60	
3	MW15R-3/07	A7221901MS	332940		8.06		346402		12.71		325705		16.60	
4	MW15R-3/07	A7221901SD	325836		8.06		344195		12.71		339511		16.60	
5	MW16R-3/07	A7221902	319375		8.06		324608		12.71		342870		16.60	
6	MW17-3/07	A7221903	330576		8.06		335483		12.71		366909		16.60	
7	SBLK48	A7B0339202	340611		8.06		367334		12.71		289996		16.60	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7221901	MW15R-3/07	WATER	03/08/2007	13:35	03/09/2007	08:25
A7221901MS	MW15R-3/07	WATER	03/08/2007	13:35	03/09/2007	08:25
A7221901SD	MW15R-3/07	WATER	03/08/2007	13:35	03/09/2007	08:25
A7221902	MW16R-3/07	WATER	03/08/2007	16:45	03/09/2007	08:25
A7221903	MW17-3/07	WATER	03/08/2007	16:55	03/09/2007	08:25
A7220401	PURGE-3/07	WATER	03/08/2007	17:00	03/09/2007	08:25
A7221904	TRIP BLANK	WATER	02/26/2007		03/09/2007	08:25

METHODS SUMMARY

Job#: A07-2204,A07-2219

STL Project#: NY1A8845.1
SDG#: 2204
Site Name: Stantec Consulting Group, Inc.

PARAMETER	ANALYTICAL METHOD
EPA OLM04.2 - VOLATILES	OLM04 EPA VOA
STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE	CFR136 602
EPA OLM04.2 - SEMIVOLATILES	OLM04 EPA SVOA

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

OLM04 "Statement of Work for Organics Analysis", OLM04.2, USEPA Contract Laboratory Program, Multi-media, Multi-concentration.

NON-CONFORMANCE SUMMARY

Job#: A07-2204,A07-2219

STL Project#: NY1A8845.1
SDG#: 2204
Site Name: Stantec Consulting Group, Inc.

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-2204
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.
A07-2219
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
Strict internal chain of custody required.

GC/MS Volatile Data

The spike recovery of the analyte Trichloroethene in the Matrix Spike Duplicate of sample MW15R-3/07 exceeded quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

All samples were preserved to a pH less than 2.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

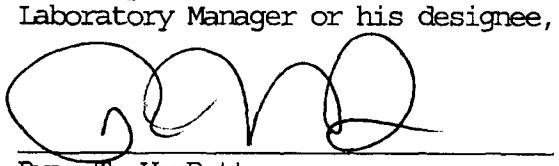
GC/MS Semivolatile Data

The spike recovery for 4-Nitrophenol was above the method defined quality control limits in the Matrix Spike Blank A7B0339201 and the Matrix Spike Duplicate of sample MW15R-3/07. Since the results were biased high and the analyte was not detected in the samples, no corrective action was performed.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Ryan T. VanDette
Project Manager

3/20/07
Date

Chain Of Custody Documentation

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Stantec	Project Manager: Mike Staronsky	Date: 3/9/07	Chain of Custody Number: 323910
Address: 2250 Brighton Henrietta TL Rd	Telephone Number (Area Code)/Fax Number: (585) 475-1440 / (585) 424-5951	Lab Number:	Page 1 of 1
City: Rochester; State: NY; Zip Code: 14623	Site Contact: E. McCormick	Lab Contact: R. VanDette	
Project Name and Location (State): Gonsenhauser Farms, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1905000004			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): X. VOCs by 8021, purgeable aromatics	Special Instructions/ Conditions of Receipt
Purge -3/07	3/8/07	1700		X						X			X	

Possible Hazard Identification: ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By: Erin M Tennant	3/9/07	0825	1. Received By: STL	03-09-07	08:25
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 2.0°C

69/412

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Chain of Custody Record

SEVERN TRENT STL
Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Stantec	Project Manager: Mike Storonsky	Date: 3/9/07	Chain of Custody Number: 323911
Address: 2250 Brighton Henrietta TL Rd.	Telephone Number (Area Code)/Fax Number: (585) 475-1440 / (585) 424-5951	Lab Number:	Page 1 of 1
City: Rochester / State: NY / Zip Code: 14623	Site Contact: E. McCormick	Lab Contact: R. VanDette	
Project Name and Location (State): Gonsenhauser Farm, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 1905000004			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	TCL VOCs by CLP 4.2		TCL SVOCs by CLP 4.2		Special Instructions/ Conditions of Receipt
MW 15R - 3/07	3/8/07	1335		X			X			X			X		X		send copy of data
MW 15R - 3/07 - MS	3/8/07	1335		X			X			X			X		X		Andrea Schussler
MW 15R - 3/07 - MSD	3/8/07	1335		X			X			X			X		X		@ Chemworld
MW 16R - 3/07	3/8/07	1645		X			X			X			X		X		for validation
MW 17 - 3/07	3/8/07	1655		X			X			X			X		X		
Trip blank	2/26/07	—		X						X			X				
Trip blank	2/26/07	—		X						X			X				

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Eric McCormick	3/9/07	0825	1. Received By: STL	03-09-07	08:25
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 20°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

70/412

Job No: A07-2204
Client: Stantec Consulting Services
Project: NY1A8845.1
SDG:
Case:
SMO No:
No. Samps: 1

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
03/08/2007 17:00	03/09/2007 08:25	PURGE-3/07	A7220401	Good	2-40mlV	EPA VOAS	RECNY	0103	<2

Sample Custodian: DC 3/9/2007

Analytical Services Coordinator: _____ / /20

71/412

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

Job No: A07-2219
Client: Stantec Consulting Services
Project: NY1A8845.1
SDG:
Case:
SMO No:
No. Samps: 3

Radiation Check: YES
Custody Seal: NO
Chain of Custody: YES
Sample Tags: NO
Sample Tag Numbers: NO
SMO Forms: NO
CLSIS: NO

Cooler Temperature: 2.0°C

Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres log Code	Pres log PH
03/08/2007 13:35	03/09/2007 08:25	MW15R-3/07	A7221901	Good	3-40mlV	EPA VOAS	RECNY	0103	<2
					2-1lGA	EPA SVOAS	RECNY	0100	
03/08/2007 13:35	03/09/2007 08:25	MW15R-3/07	A7221901MS	Good	3-40mlV	EPA VOAS	RECNY	0103	<2
					2-1lGA	EPA SVOAS	RECNY	0100	
03/08/2007 13:35	03/09/2007 08:25	MW15R-3/07	A7221901SD	Good	3-40mlV	EPA VOAS	RECNY	0103	<2
					2-1lGA	EPA SVOAS	RECNY	0100	
03/08/2007 16:45	03/09/2007 08:25	MW16R-3/07	A7221902	Good	3-40mlV	EPA VOAS	RECNY	0103	<2
					2-1lGA	EPA SVOAS	RECNY	0100	
03/08/2007 16:55	03/09/2007 08:25	MW17-3/07	A7221903	Good	3-40mlV	EPA VOAS	RECNY	0103	<2
					2-1lGA	EPA SVOAS	RECNY	0100	
02/26/2007	03/09/2007 08:25	TRIP BLANK	A7221904	Good	2-40mlV	EPA VOAS	RECNY	0103	<2

Sample Custodian: UB 3/9/2007

Analytical Services Coordinator: _____ /____/20

72/412

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled

Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

OLM04.2 CLP Volatiles

QC Summary

EPA OLM04.2 - VOLATILES
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

	Client Sample ID	Lab Sample ID	BFB %REC	#	DCE %REC	#	TOL %REC	#						TOT OUT
1	MSB58	A7B0331901	96		100		101							0
2	MSB59	A7B0333501	96		102		102							0
3	MW15R-3/07	A7221901	98		102		102							0
4	MW15R-3/07	A7221901MS	96		104		100							0
5	MW15R-3/07	A7221901SD	95		104		100							0
6	MW16R-3/07	A7221902	99		103		101							0
7	MW17-3/07	A7221903	100		103		102							0
8	TRIP BLANK	A7221904	98		101		102							0
9	VBLK58	A7B0331902	97		101		102							0
10	VBLK59	A7B0333502	95		105		101							0

QC LIMITS

BFB = p-Bromofluorobenzene (86-115)
DCE = 1,2-Dichloroethane-D4 (76-114)
TOL = Toluene-D8 (88-110)

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

EPA OLM04.2 - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0331902

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: VBLK58

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	56.0	112	61 - 145
Trichloroethene	50.0	53.1	106	71 - 120
Benzene	50.0	53.3	107	76 - 127
Toluene	50.0	53.2	106	76 - 125
Chlorobenzene	50.0	52.6	105	75 - 130

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

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

EPA OLM04.2 - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0333502

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: VBLK59

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	56.6	113	61 - 145
Trichloroethene	50.0	52.7	106	71 - 120
Benzene	50.0	52.8	106	76 - 127
Toluene	50.0	54.1	108	76 - 125
Chlorobenzene	50.0	53.3	107	75 - 130

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

* Values outside of QC limits

Spike recovery: 0 out of 5 outside limits

Comments: _____

EPA OLM04.2 - VOLATILES
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7221901

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: MW15R-3/07

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
1,1-Dichloroethene	50.0	0	65.5	131	61 - 145
Trichloroethene	50.0	0	60.0	120	71 - 120
Benzene	50.0	0	58.4	117	76 - 127
Toluene	50.0	0	58.3	117	76 - 125
Chlorobenzene	50.0	0	56.9	114	75 - 130

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	50.0	65.8	132	0	14	61 - 145
Trichloroethene	50.0	61.2	122 *	2	14	71 - 120
Benzene	50.0	59.6	119	2	11	76 - 127
Toluene	50.0	59.1	118	0	13	76 - 125
Chlorobenzene	50.0	57.7	115	0	13	75 - 130

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

* Values outside of QC limits

RPD: 0 out of 5 outside limits
Spike recovery: 1 out of 10 outside limits

Comments: _____

EPA OLMO4.2 - VOLATILES
METHOD BLANK SUMMARY

Client No.: VBLK58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: Q9070.RR Lab Sample ID: A7B0331902

Date Analyzed: 03/09/2007 Time Analyzed: 23:01

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

Instrument ID: HP5973Q

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB58	A7B0331901	Q9069.RR	22:32
2	MW15R-3/07	A7221901	Q9082.RR	04:53
3	MW16R-3/07	A7221902	Q9085.RR	06:18
4	MW17-3/07	A7221903	Q9086.RR	06:47
5	TRIP BLANK	A7221904	Q9071.RR	23:40

Comments: _____

EPA OLM04.2 - VOLATILES
METHOD BLANK SUMMARY

Client No.: VBLK59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: Q9095.RR Lab Sample ID: A7B0333502

Date Analyzed: 03/10/2007 Time Analyzed: 12:28

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

Instrument ID: HP5973Q

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	MSB59	A7B0333501	Q9094.RR	12:00
2	MW15R-3/07	A7221901MS	Q9096.RR	15:08
3	MW15R-3/07	A7221901SD	Q9097.RR	15:37

Comments: _____

STANTEC CONSULTING SERVICES
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: _____ Tune ID: A7T0002903

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: Q8978 BFB Injection Date: 03/05/2007

Instrument ID: HP5973Q BFB Injection Time: 07:47

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	8.0 - 40.0% of mass 95	25.7		
75	30.0 - 66.0% of mass 95	57.3		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.4		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50.0 - 120.0% of mass 95	90.4		
175	4.0 - 9.0% of mass 174	7.1	(7.9)	1
176	93.0 - 101.0% of mass 174	88.4	(97.8)	1
177	5.0 - 9.0% of mass 176	6.0	(6.8)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD200	A7I0000174-1	Q8987.RR	03/05/2007	12:48
2	VSTD100	A7I0000174-1	Q8988.RR	03/05/2007	13:16
3	VSTD050	A7I0000174-1	Q8989.RR	03/05/2007	13:44
4	VSTD020	A7I0000174-1	Q8990.RR	03/05/2007	14:13
5	VSTD010	A7I0000174-1	Q8991.RR	03/05/2007	14:41

STANTEC CONSULTING SERVICES
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: _____ Tune ID: A7T0002959

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: Q9067 BFB Injection Date: 03/09/2007

Instrument ID: HP5973Q BFB Injection Time: 21:32

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	8.0 - 40.0% of mass 95	30.2		
75	30.0 - 66.0% of mass 95	65.6		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	5.9		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50.0 - 120.0% of mass 95	93.5		
175	4.0 - 9.0% of mass 174	7.0	(7.5)	1
176	93.0 - 101.0% of mass 174	93.8	(100.3)	1
177	5.0 - 9.0% of mass 176	6.6	(7.0)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A7C0000607-1	Q9068.RR	03/09/2007	21:57
2	MSB58	A7B0331901	Q9069.RR	03/09/2007	22:32
3	VBLK58	A7B0331902	Q9070.RR	03/09/2007	23:01
4	TRIP BLANK	A7221904	Q9071.RR	03/09/2007	23:40
5	MW15R-3/07	A7221901	Q9082.RR	03/10/2007	04:53
6	MW16R-3/07	A7221902	Q9085.RR	03/10/2007	06:18
7	MW17-3/07	A7221903	Q9086.RR	03/10/2007	06:47

STANTEC CONSULTING SERVICES
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: _____ Tune ID: A7T0002962

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: Q9092 BFB Injection Date: 03/10/2007

Instrument ID: HP5973Q BFB Injection Time: 10:58

GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N): ~~Y~~ N 3/16/2007

m/e	ION Abundance Criteria	% Relative Abundance		
50	8.0 - 40.0% of mass 95	29.5		
75	30.0 - 66.0% of mass 95	64.8		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.3		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50.0 - 120.0% of mass 95	95.3		
175	4.0 - 9.0% of mass 174	7.1	(7.4)	1
176	93.0 - 101.0% of mass 174	92.9	(97.5)	1
177	5.0 - 9.0% of mass 176	6.9	(7.4)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD050	A7C0000610-1	Q9093.RR	03/10/2007	11:21
2	MSB59	A7B0333501	Q9094.RR	03/10/2007	12:00
3	VBLK59	A7B0333502	Q9095.RR	03/10/2007	12:28
4	MW15R-3/07	A7221901MS	Q9096.RR	03/10/2007	15:08
5	MW15R-3/07	A7221901SD	Q9097.RR	03/10/2007	15:37

EPA OLM04.2 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0000607

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID (Standard): Q9068.RR Date Analyzed: 03/09/2007

Instrument ID: HP5973Q Time Analyzed: 21:57

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

			IS1 (BCM) AREA	#	RT	#	IS2 (CBZ) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD		185152		4.38		1129848		7.76		1132103		5.20	
	UPPER LIMIT		370304		4.88		2259696		8.26		2264206		5.70	
	LOWER LIMIT		92576		3.88		564924		7.26		566052		4.70	
	CLIENT SAMPLE	Lab Sample ID												
1	MSB58	A7B0331901	184046		4.38		1088132		7.76		1113670		5.20	
2	MW15R-3/07	A7221901	174286		4.39		1011109		7.76		1049091		5.20	
3	MW16R-3/07	A7221902	173808		4.38		1010905		7.76		1039006		5.20	
4	MW17-3/07	A7221903	174894		4.38		1002846		7.77		1043687		5.20	
5	TRIP BLANK	A7221904	178904		4.39		1028207		7.76		1061936		5.20	
6	VBLK58	A7B0331902	179513		4.38		1032059		7.76		1076045		5.20	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (BCM) = Bromochloromethane	(50-200)	-0.50 / +0.50 min
IS2 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

EPA OLM04.2 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0000610

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID (Standard): Q9093.RR Date Analyzed: 03/10/2007

Instrument ID: HP5973Q Time Analyzed: 11:21

GC Column(1): ZB-624 ID: 0.250(mm) Heated Purge: (Y/N) N

		IS1 (BCM) AREA	#	RT	#	IS2 (CBZ) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	190066		4.39		1142666		7.76		1141004		5.20	
	UPPER LIMIT	380132		4.89		2285332		8.26		2282008		5.70	
	LOWER LIMIT	95033		3.89		571333		7.26		570502		4.70	
	CLIENT SAMPLE	Lab Sample ID											
1	MSB59	A7B0333501		186121	4.39	1089986		7.76		1133989		5.20	
2	MW15R-3/07	A7221901MS		181101	4.38	1074425		7.76		1091770		5.20	
3	MW15R-3/07	A7221901SD		181056	4.38	1071021		7.76		1093049		5.20	
4	VBLK59	A7B0333502		178874	4.39	1034562		7.76		1072798		5.20	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (BCM) = Bromochloromethane	(50-200)	-0.50 / +0.50 min
IS2 (CBZ) = Chlorobenzene-D5	(50-200)	-0.50 / +0.50 min
IS3 (DFB) = 1,4-Difluorobenzene	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Sample Data

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9082.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

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Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9082.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	4	J
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9082.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	2.06	6	J
2.	UNKNOWN	3.05	5	J
3.	UNKNOWN	4.14	6	J

Quantitation Report

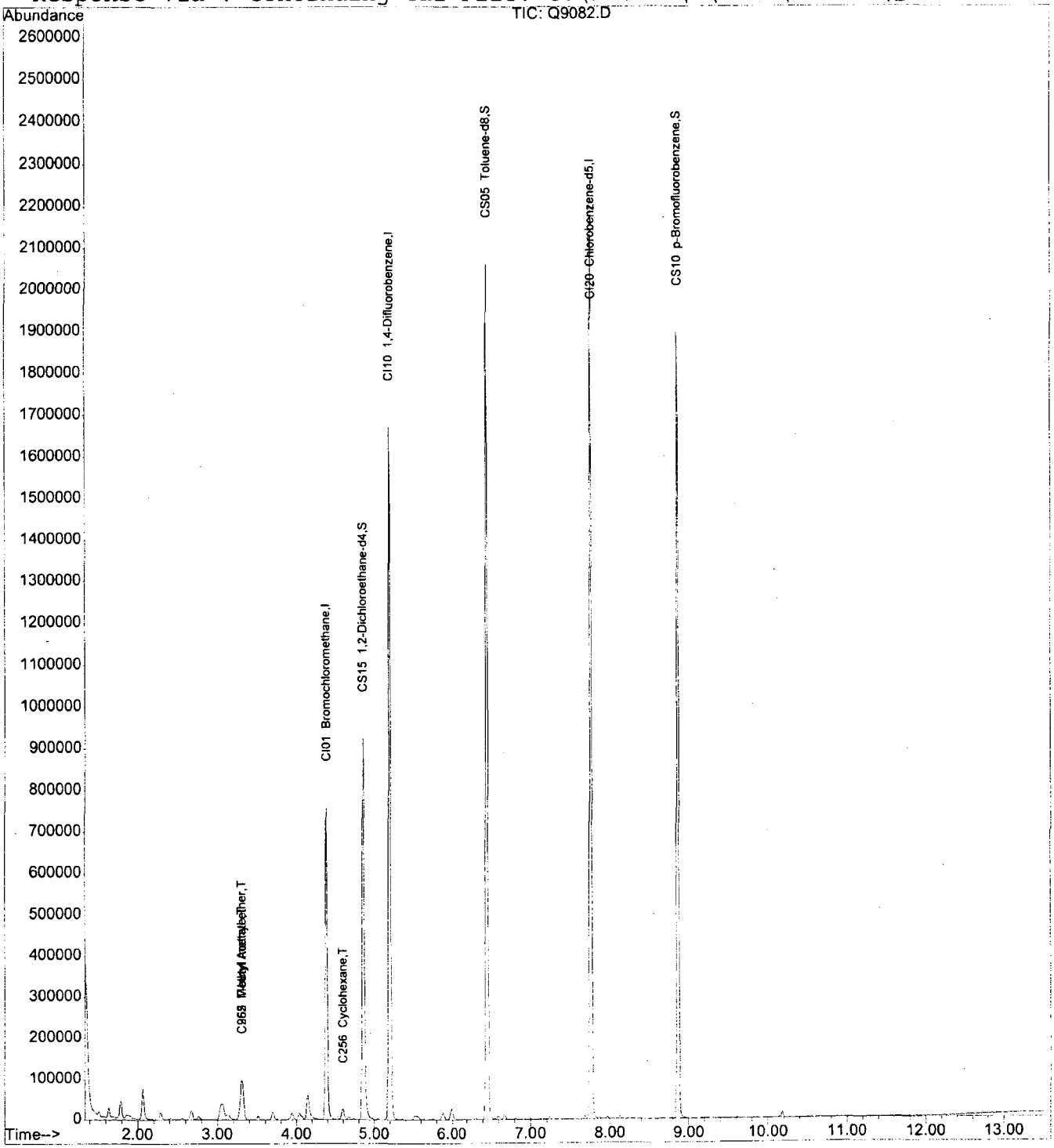
90/412 + TK

Data File : C:\HPCHEM\1\DATA\030907\Q9082.D
Acq On : 10 Mar 2007 4:53
Sample : A7221901
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 10 5:41 2007

Vial: 39
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030907\Q9068.D



Data File : C:\HPCHEM\1\DATA\030907\Q9082.D Vial: 39
Acq On : 10 Mar 2007 4:53 Operator: JLG
Sample : A7221901 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 5:41 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030907\Q9068.D (9 Mar 2007 21:57)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.39	128	174286	250.00	ng	0.00 94.13%
22) CI10	1,4-Difluorobenzene	5.20	114	1049091	250.00	ng	0.00 92.67%
36) CI20	Chlorobenzene-d5	7.76	117	1011109	250.00	ng	0.00 89.49%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	712604	255.55	ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery	=	102.22%	
42) CS05	Toluene-d8	6.45	98	1194888	255.89	ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery	=	102.36%	
48) CS10	p-Bromofluorobenzene	8.86	95	523790	246.01	ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery	=	98.40%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	1.64	50	581	N.D.		
4) C015	Bromomethane	1.93	94	150	N.D.		
5) C020	Vinyl Chloride	1.79	62	1617	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C030	Methylene Chloride	3.13	84	2977	N.D.		
8) C035	Acetone	2.77	43	11925	N.D.		
9) C040	Carbon Disulfide	2.87	76	178	N.D.		
10) C275	Trichlorofluorometha	0.00	101	0	N.D.		
11) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
12) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
13) C962	T-butyl methyl ether	3.31	73	96172	18.51	ng #	88
14) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
~~15) C255~~	~~Methyl Acetate~~	~~3.30~~	~~43~~	~~37848~~	~~24.48~~	~~ng~~	~~91~~
16) C057	trans-1,2-dichloroet	0.00	96	0	N.D.		
17) C056	cis-1,2-Dichloroethe	4.38	96	532	N.D.		
18) C060	Chloroform	4.37	83	1390	N.D.		
20) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
21) C110	2-Butanone	4.20	43	1359	N.D.		
~~23) C256~~	~~Cyclohexane~~	~~4.60~~	~~56~~	~~11558~~	~~6.59~~	~~ng #~~	~~35~~
24) C012	Methylcyclohexane	5.54	83	2666	N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
26) C120	Carbon Tetrachloride	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration

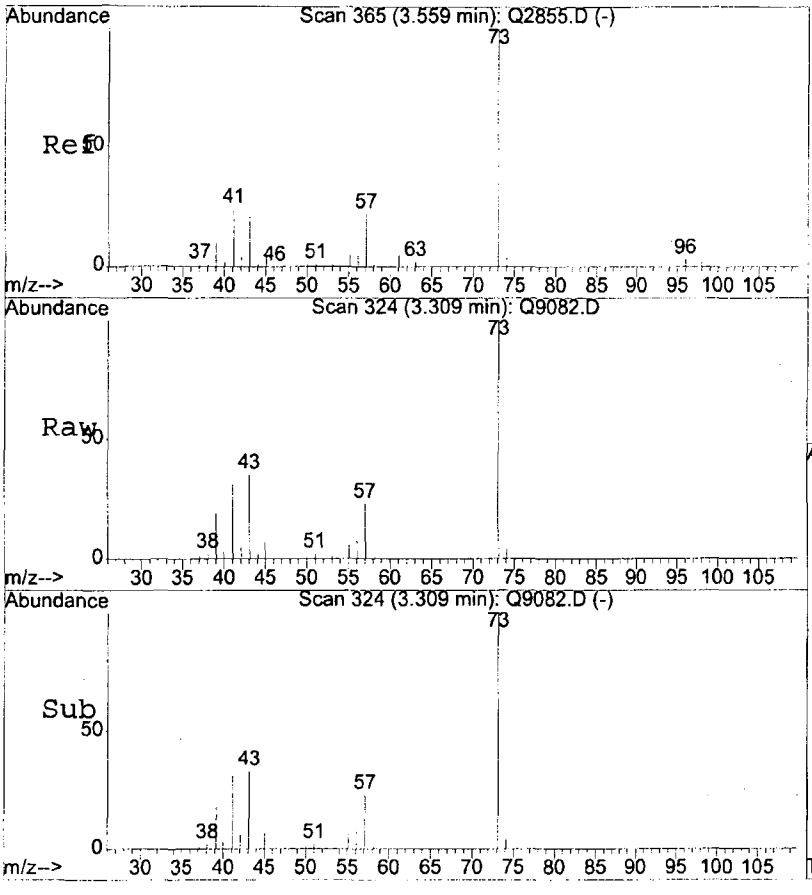
Data File : C:\HPCHEM\1\DATA\030907\Q9082.D Vial: 39
Acq On : 10 Mar 2007 4:53 Operator: JLG
Sample : A7221901 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 5:41 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit	Qvalue
27)	C130	Bromodichloromethane	5.54	83	2666	N.D.		
28)	C140	1,2-Dichloropropane	0.00	63	0	N.D.		
29)	C145	cis-1,3-Dichloroprop	6.47	75	151	N.D.		
30)	C150	Trichloroethene	0.00	130	0	N.D.		
31)	C165	Benzene	4.88	78	2303	N.D.		
32)	C155	Dibromochloromethane	6.98	129	1112	N.D.		
33)	C170	trans-1,3-Dichloropr	6.47	75	151	N.D.		
34)	C160	1,1,2-Trichloroethan	0.00	97	0	N.D.		
35)	C180	Bromoform	0.00	173	0	N.D.		
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
38)	C210	4-Methyl-2-Pentanone	6.45	43	9054	N.D.		
39)	C215	2-Hexanone	6.67	43	947	N.D.		
40)	C220	Tetrachloroethene	6.98	164	1163	N.D.		
41)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
43)	C230	Toluene	6.51	91	145	N.D.		
44)	C235	Chlorobenzene	7.79	112	158	N.D.		
45)	C240	Ethylbenzene	7.87	106	1102	N.D.		
46)	C246	m,p-Xylene	7.97	106	1256	N.D.		
47)	C247	o-Xylene	7.97	106	1256	N.D.		
49)	C245	Styrene	8.87	104	2642	N.D.		
50)	C966	Isopropylbenzene	8.69	105	1258	N.D.		
51)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.		
52)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.		
53)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.		
54)	C286	1,2-Dibromo-3-chloro	0.00	75	0	N.D.		
55)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.		

3/16/07

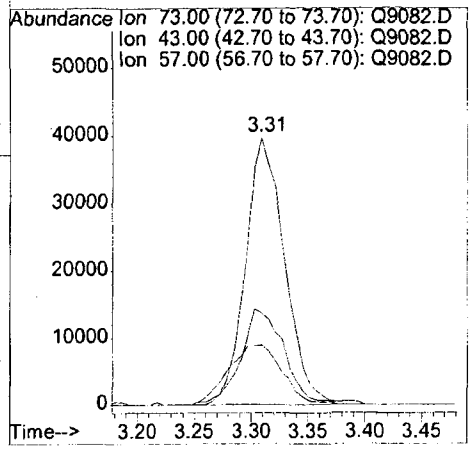
(#) = qualifier out of range (m) = manual integration

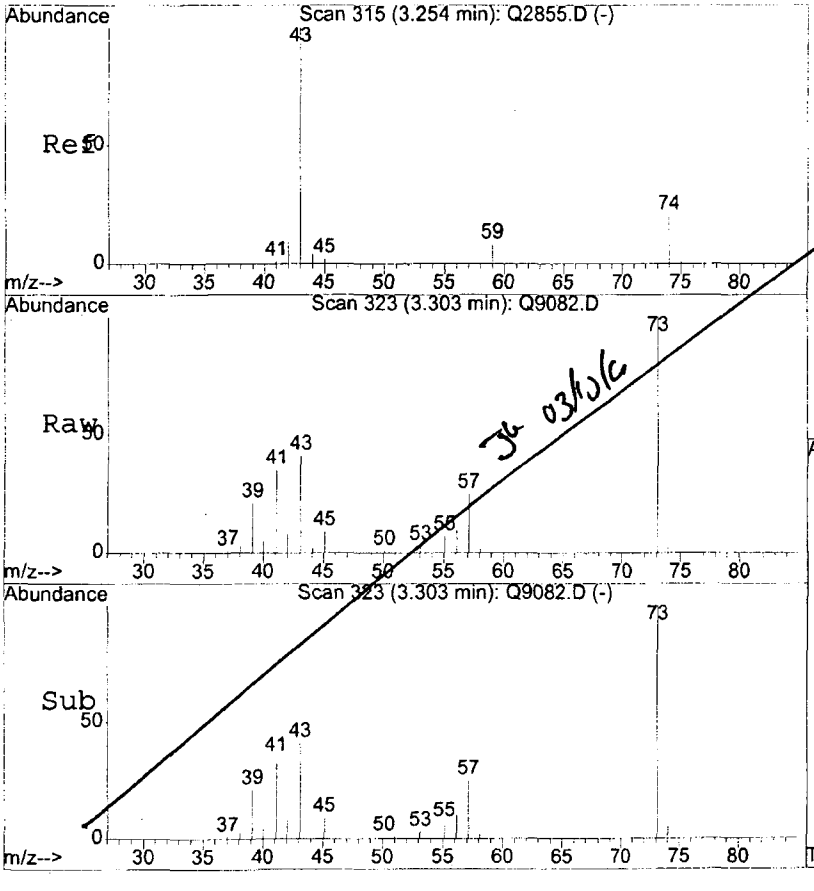


#13
C962 T-butyl methyl ether
Concen: 18.51 ng
RT: 3.31 min Scan# 324
Delta R.T. 0.00 min
Lab File: Q9082.D
Acq: 10 Mar 2007 4:53

Tgt Ion: 73 Resp: 96172

Ion	Ratio	Lower	Upper
73	100		
43	39.4	23.5	35.3#
57	30.6	22.2	33.2

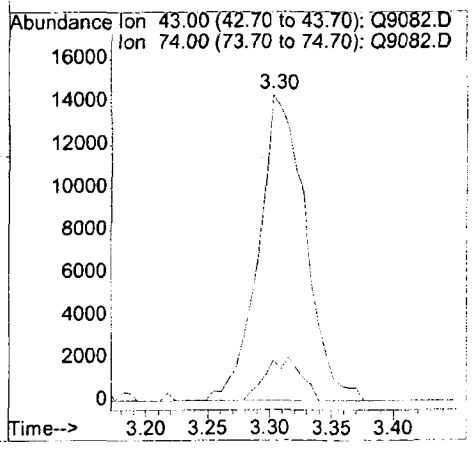




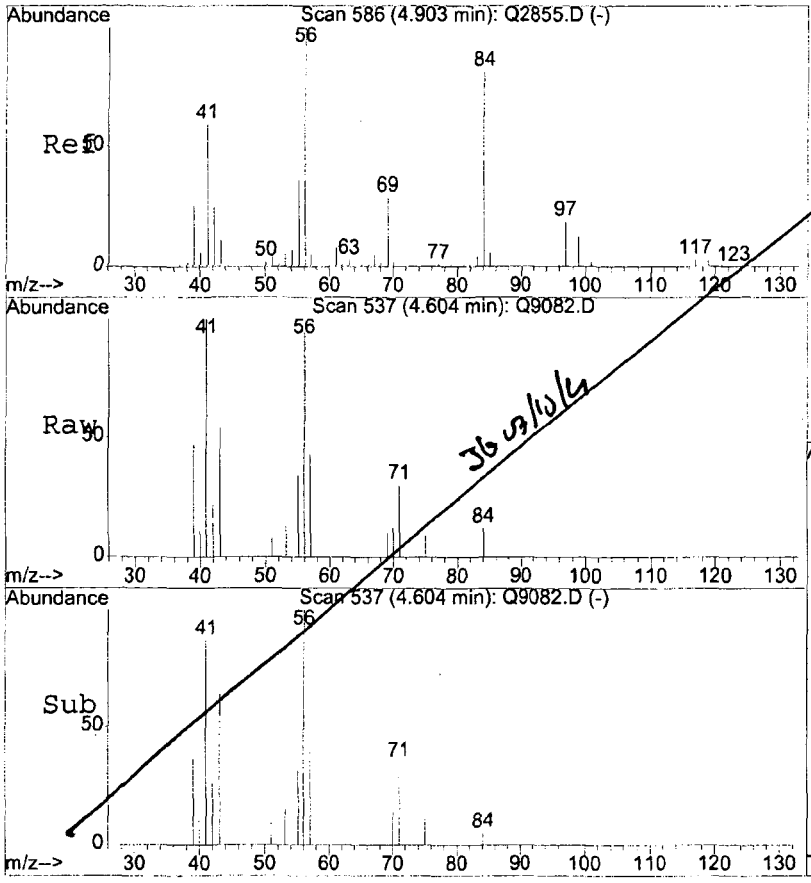
#15
C255 Methyl Acetate
Concen: 24.48 ng
RT: 3.30 min Scan# 323
Delta R.T. 0.29 min
Lab File: Q9082.D
Acq: 10 Mar 2007 4:53

Tgt Ion: 43 Resp: 37848

Ion	Ratio	Lower	Upper
43	100		
74	10.7	0.0	34.4



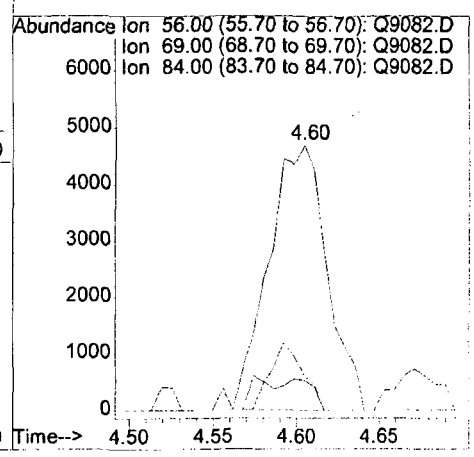
JL 03/3/16



#23
C256 Cyclohexane
Concen: 6.59 ng
RT: 4.60 min Scan# 537
Delta R.T. 0.02 min
Lab File: Q9082.D
Acq: 10 Mar 2007 4:53

Tgt Ion: 56 Resp: 11558

Ion	Ratio	Lower	Upper
56	100		
69	8.8	22.4	33.6#
84	15.9	66.5	99.7#



Data File : C:\HPCHEM\1\DATA\030907\Q9082.D Vial: 39
Acq On : 10 Mar 2007 4:53 Operator: JLG
Sample : A7221901 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

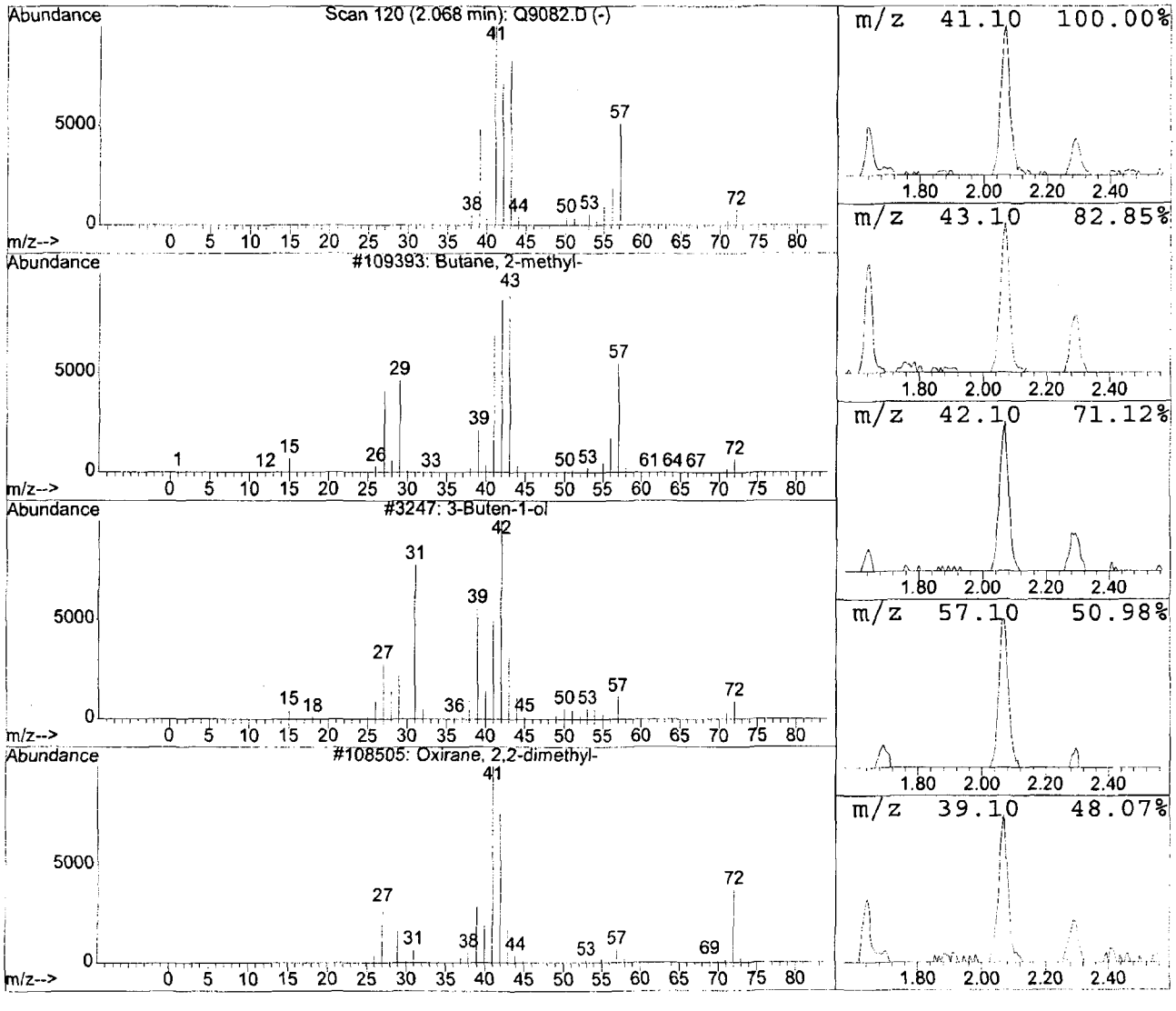
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 1 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.07	29.13 ng	158612	CI01 Bromochloro	1361350	4.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	49
2	3-Buten-1-ol	72	C4H8O	000627-27-0	28
3	Oxirane, 2,2-dimethyl-	72	C4H8O	000558-30-5	12
4	Pentane	72	C5H12	000109-66-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9082.D
Acq On : 10 Mar 2007 4:53
Sample : A7221901
Misc :
MS Integration Params: LSCINT.P

Vial: 39
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

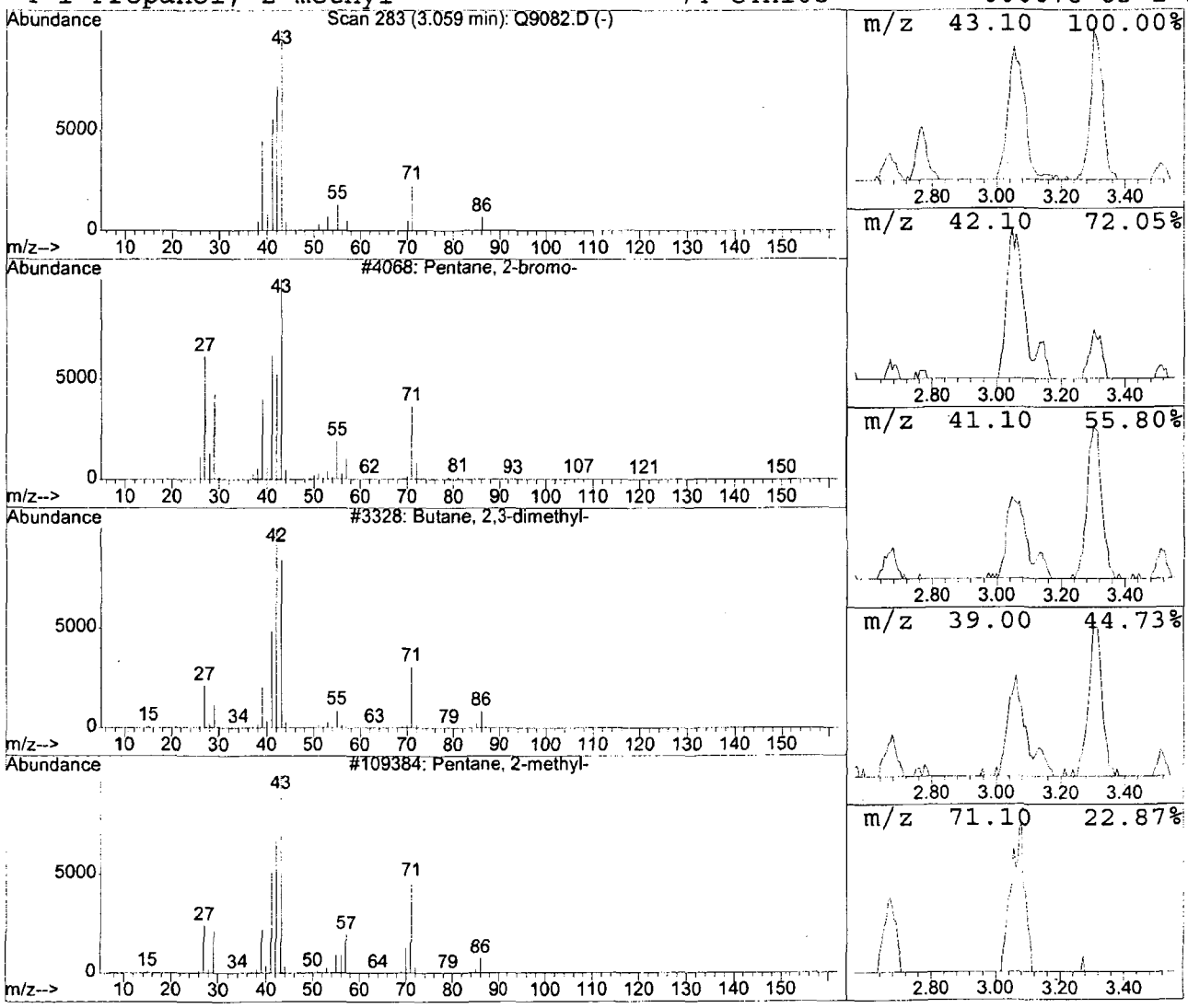
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 2 Pentane, 2-bromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
3.06	26.71 ng	145432	CI01 Bromochloro	1361350	4.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	38
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38
3	Pentane, 2-methyl-	86	C6H14	000107-83-5	38
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	17



Data File : C:\HPCHEM\1\DATA\030907\Q9082.D Vial: 39
Acq On : 10 Mar 2007 4:53 Operator: JLG
Sample : A7221901 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

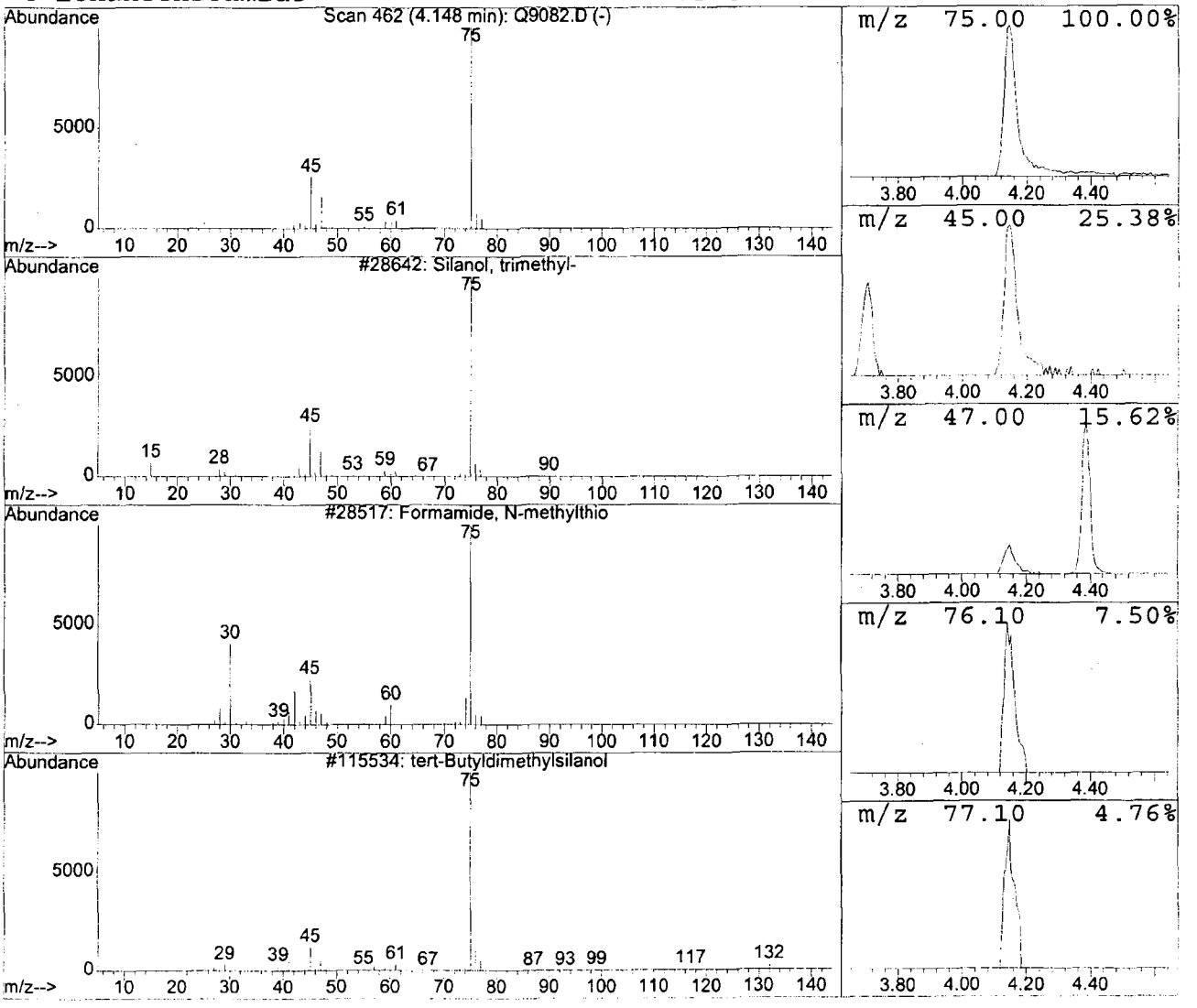
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 3 Silanol, trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.15	28.28 ng	154008	CI01 Bromochloro	1361350	4.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2	Formamide, N-methylthio	75	C2H5NS	1000196-87-7	43
3	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	9
4	Ethanethioamide	75	C2H5NS	000062-55-5	5



Tentatively Identified Compound (LSC) summary

Operator ID: JLG Date Acquired: 10 Mar 2007 4:53
Data File: C:\HPCHEM\1\DATA\030907\Q9082.D
Name: A7221901
Misc:
Method: C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title: CLPOLM04.2 WATERS
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Butane, 2-methyl-	2.07	29.1	ng	158612	ISTD01	4.39	1361350	250.0
Pentane, 2-bromo-	3.06	26.7	ng	145432	ISTD01	4.39	1361350	250.0
Silanol, trimethyl-	4.15	28.3	ng	154008	ISTD01	4.39	1361350	250.0

Q9082.D A7I00174.M Sat Mar 10 13:28:03 2007 HP5973-Q

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9085.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	5	J
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9085.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	3	J
108-87-2	Methylcyclohexane	1	J
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9085.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

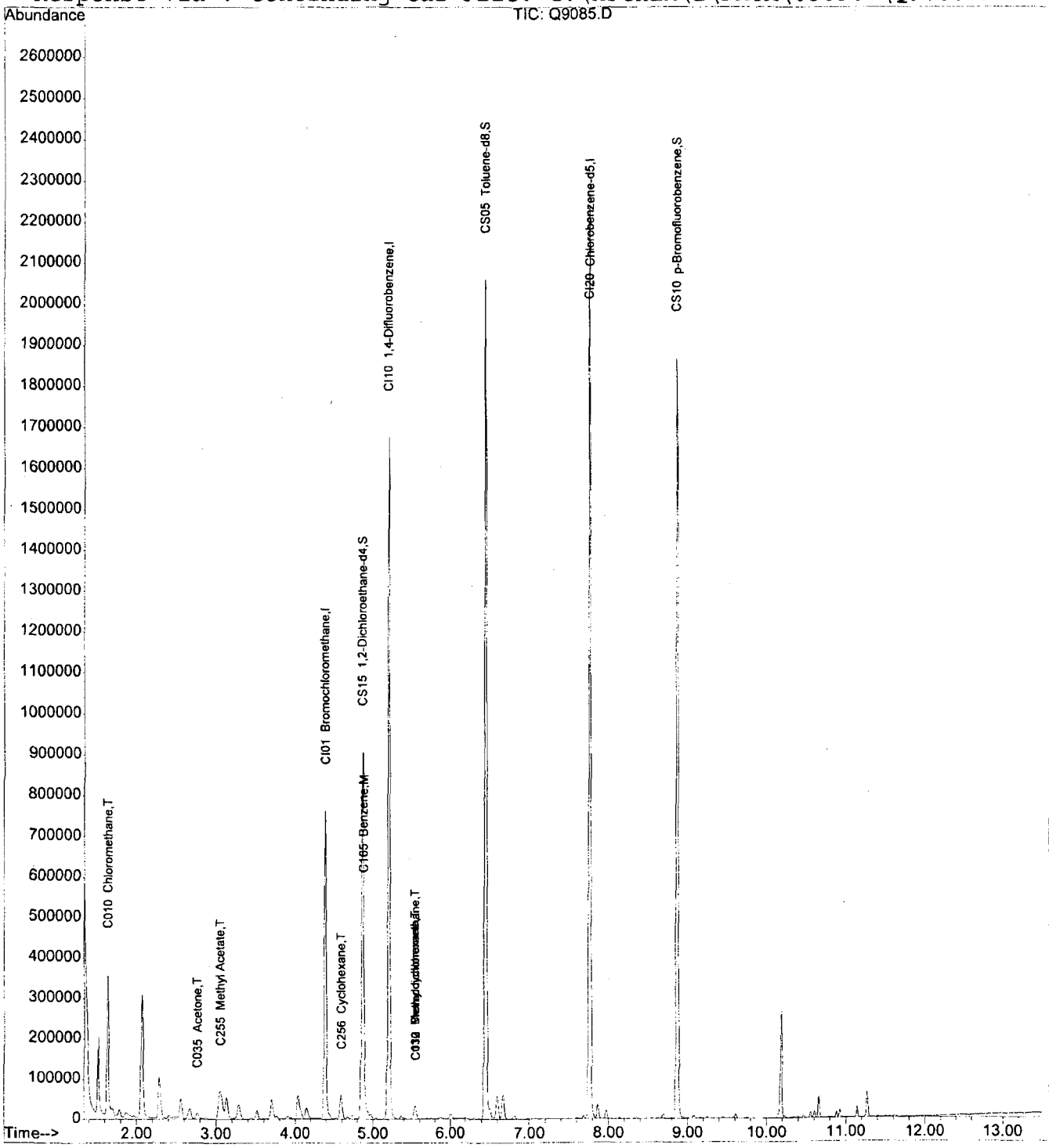
Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.51	11	J
2.	UNKNOWN	1.64	19	J
3.	UNKNOWN	2.06	24	J
4.	UNKNOWN	2.28	9	J
5.	UNKNOWN	3.05	10	J
6.	UNKNOWN	4.03	6	J
7. 496-11-7	INDANE	10.18	6	JN

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030907\Q9085.D Vial: 42
Acq On : 10 Mar 2007 6:18 Operator: JLG
Sample : A7221902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 7:41 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030907\Q9068.D



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030907\Q9085.D Vial: 42
Acq On : 10 Mar 2007 6:18 Operator: JLG
Sample : A7221902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 7:41 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030907\Q9068.D (9 Mar 2007 21:57)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.38	128	173808	250.00	ng	0.00 93.87%
22) CI10	1,4-Difluorobenzene	5.20	114	1039006	250.00	ng	0.00 91.78%
36) CI20	Chlorobenzene-d5	7.76	117	1010905	250.00	ng	0.00 89.47%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	717673	258.08	ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery	=	103.23%	
42) CS05	Toluene-d8	6.45	98	1176626	252.03	ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery	=	100.81%	
48) CS10	p-Bromofluorobenzene	8.86	95	525194	246.72	ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery	=	98.69%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	1.64	50	7774	9.61	ng	86
4) C015	Bromomethane	1.96	94	130	N.D.		
5) C020	Vinyl Chloride	1.79	62	160	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C030	Methylene Chloride	3.13	84	3813	N.D.		
8) C035	Acetone	2.77	43	23798	16.58	ng	82
9) C040	Carbon Disulfide	2.87	76	3796	N.D.		
10) C275	Trichlorofluorometha	0.00	101	0	N.D.		
11) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
12) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
13) C962	T-butyl methyl ether	3.31	73	2063	N.D.		
14) C050	1,1-Dichloroethane	4.04	63	153	N.D.		
15) C255	Methyl Acetate	3.06	43	76433	49.56	ng #	65
16) C057	trans-1,2-dichloroet	0.00	96	0	N.D.		
17) C056	cis-1,2-Dichloroethe	4.38	96	702	N.D.		
18) C060	Chloroform	4.37	83	1297	N.D.		
20) C065	1,2-Dichloroethane	4.88	62	2145	N.D.		
21) C110	2-Butanone	4.20	43	2358	N.D.		
23) C256	Cyclohexane	4.59	56	24422	14.06	ng	89
24) C012	Methylcyclohexane	5.54	83	11504	6.95	ng	90
25) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
26) C120	Carbon Tetrachloride	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration

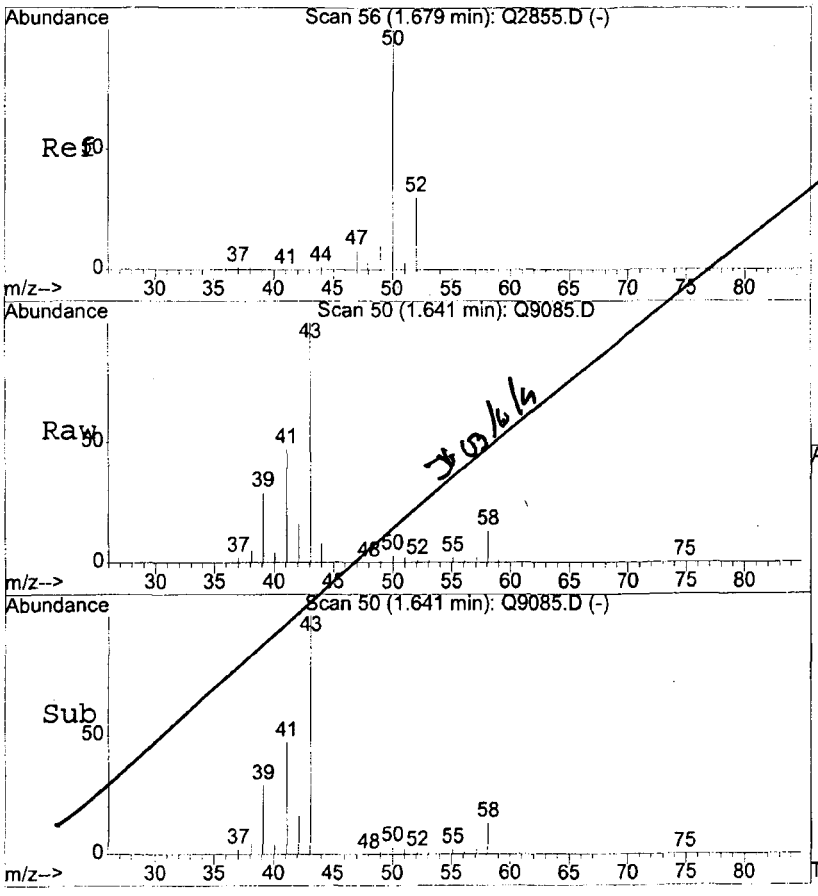
Data File : C:\HPCHEM\1\DATA\030907\Q9085.D Vial: 42
Acq On : 10 Mar 2007 6:18 Operator: JLG
Sample : A7221902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 7:41 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
~~27)~~	~~C130~~	~~Bromodichloromethane~~	~~5.54~~	~~83~~	~~11504~~	~~5.56 ng~~	~~# 20~~
28)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
29)	C145	cis-1,3-Dichloroprop	6.45	75	152	N.D.	
30)	C150	Trichloroethene	5.41	130	143	N.D.	
31)	C165	Benzene	4.88	78	108764	25.33 ng	91
32)	C155	Dibromochloromethane	6.98	129	141	N.D.	
33)	C170	trans-1,3-Dichloropr	6.45	75	152	N.D.	
34)	C160	1,1,2-Trichloroethan	6.80	97	660	N.D.	
35)	C180	Bromoform	0.00	173	0	N.D.	
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
38)	C210	4-Methyl-2-Pentanone	6.45	43	9125	N.D.	
39)	C215	2-Hexanone	7.35	43	860	N.D.	
40)	C220	Tetrachloroethene	6.99	164	288	N.D.	
41)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
43)	C230	Toluene	6.51	91	13046	N.D.	
44)	C235	Chlorobenzene	7.79	112	1214	N.D.	
45)	C240	Ethylbenzene	7.86	106	6990	N.D.	
46)	C246	m,p-Xylene	7.97	106	4898	N.D.	
47)	C247	o-Xylene	8.35	106	1223	N.D.	
49)	C245	Styrene	8.86	104	2487	N.D.	
50)	C966	Isopropylbenzene	8.69	105	7390	N.D.	
51)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.	
52)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.	
53)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
54)	C286	1,2-Dibromo-3-chloro	10.65	75	497	N.D.	
55)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	

3/16/2007

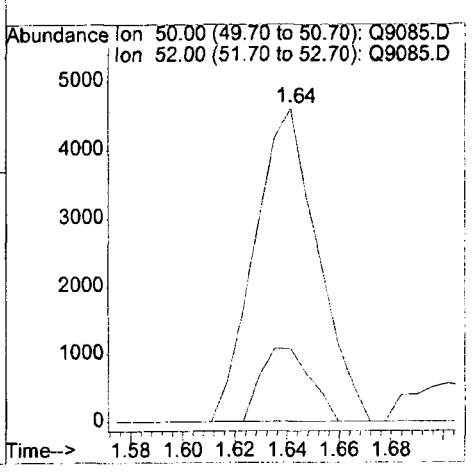
(#) = qualifier out of range (m) = manual integration

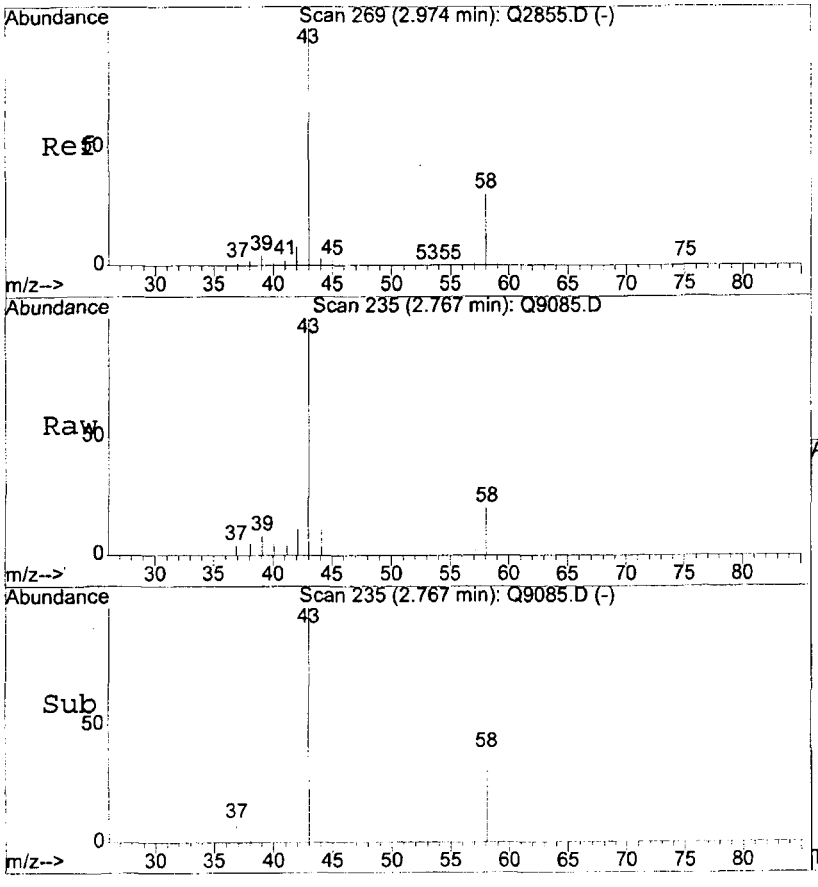


#3
C010 Chloromethane
Concen: 9.61 ng
RT: 1.64 min Scan# 50
Delta R.T. 0.03 min
Lab File: Q9085.D
Acq: 10 Mar 2007 6:18

Tgt Ion: 50 Resp: 7774

Ion	Ratio	Lower	Upper
50	100		
52	23.4	11.2	51.2

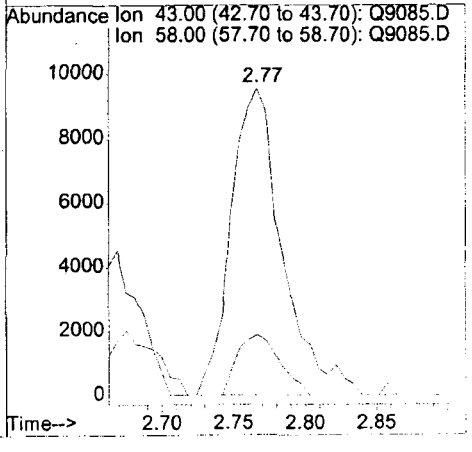


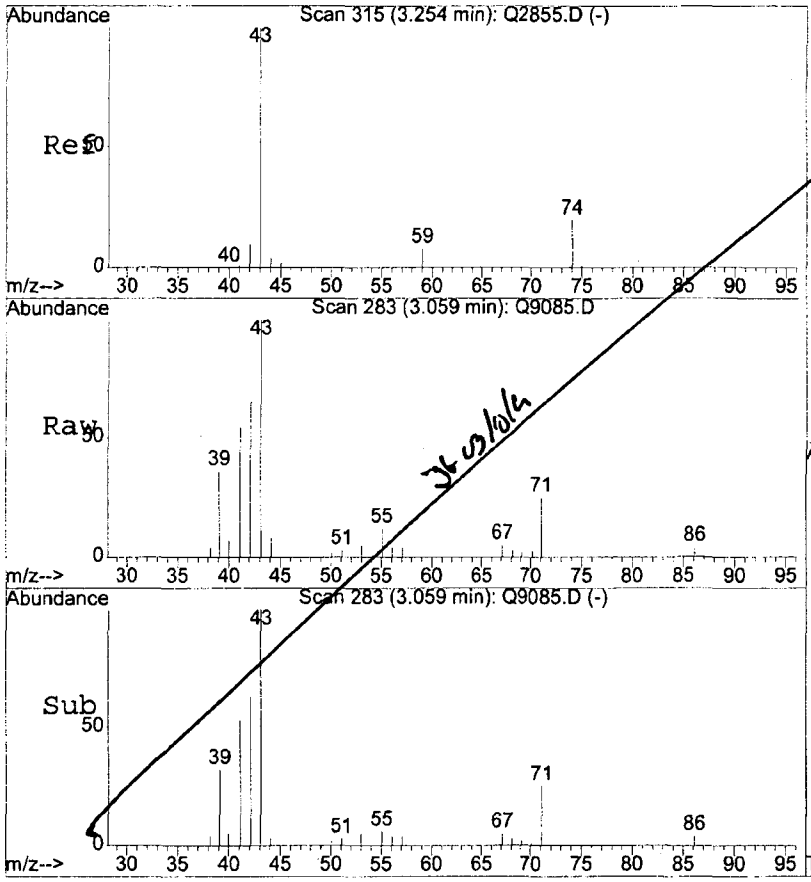


#8
C035 Acetone
Concen: 16.58 ng
RT: 2.77 min Scan# 235
Delta R.T. 0.01 min
Lab File: Q9085.D
Acq: 10 Mar 2007 6:18

Tgt Ion: 43 Resp: 23798

Ion	Ratio	Lower	Upper
43	100		
58	19.7	9.3	49.3

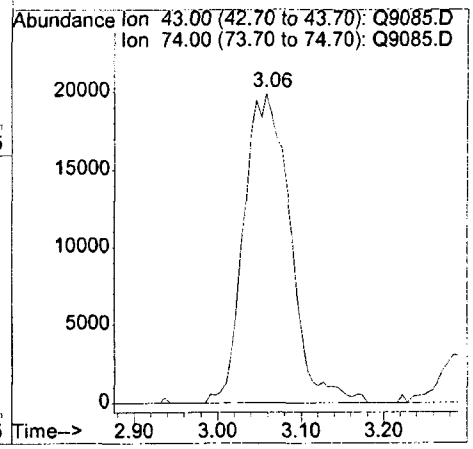


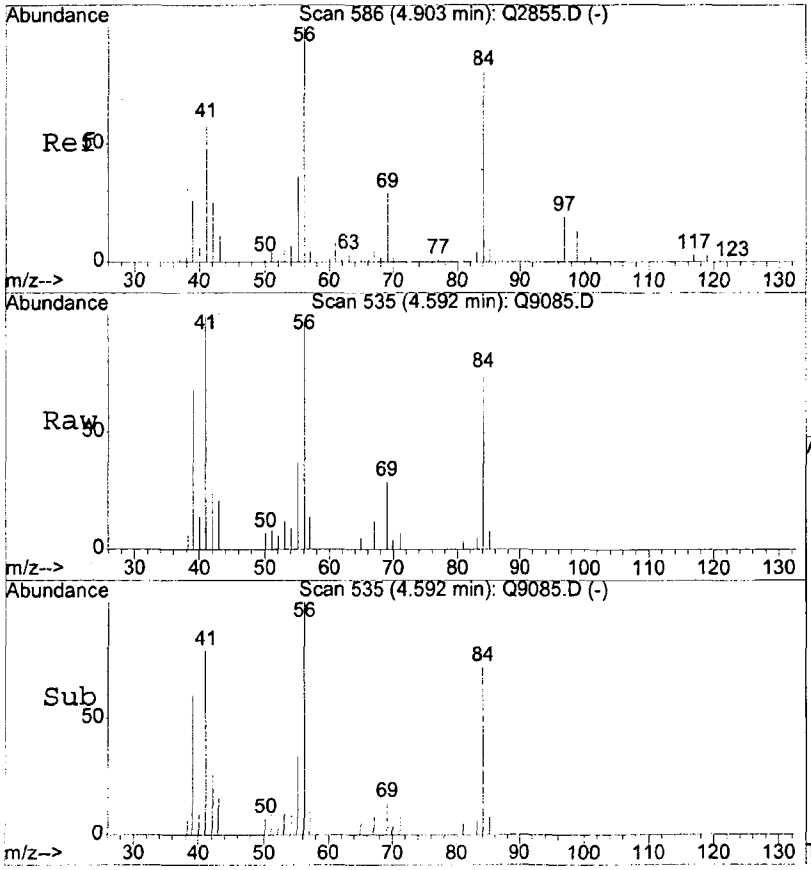


#15
C255 Methyl Acetate
Concen: 49.56 ng
RT: 3.06 min Scan# 283
Delta R.T. 0.04 min
Lab File: Q9085.D
Acq: 10 Mar 2007 6:18

Tgt Ion: 43 Resp: 76433

Ion	Ratio	Lower	Upper
43	100		
74	0.0	0.0	34.4

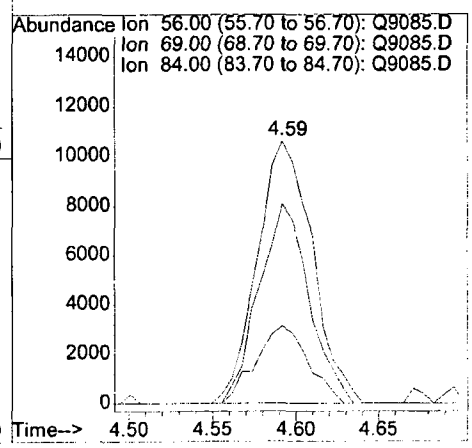


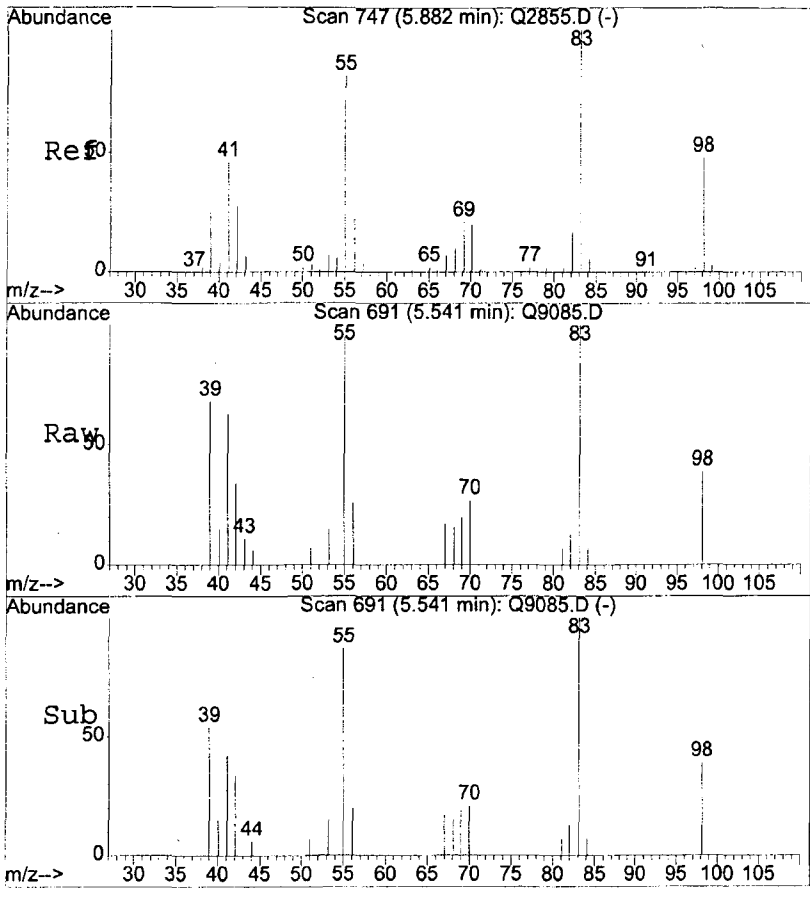


#23
C256 Cyclohexane
Concen: 14.06 ng
RT: 4.59 min Scan# 535
Delta R.T. 0.01 min
Lab File: Q9085.D
Acq: 10 Mar 2007 6:18

Tgt Ion: 56 Resp: 24422

Ion	Ratio	Lower	Upper
56	100		
69	28.1	22.4	33.6
84	69.5	66.5	99.7

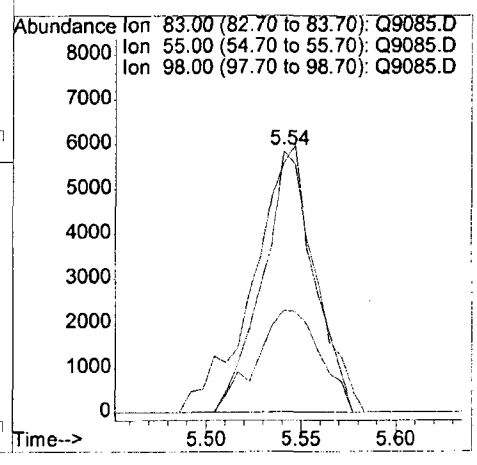


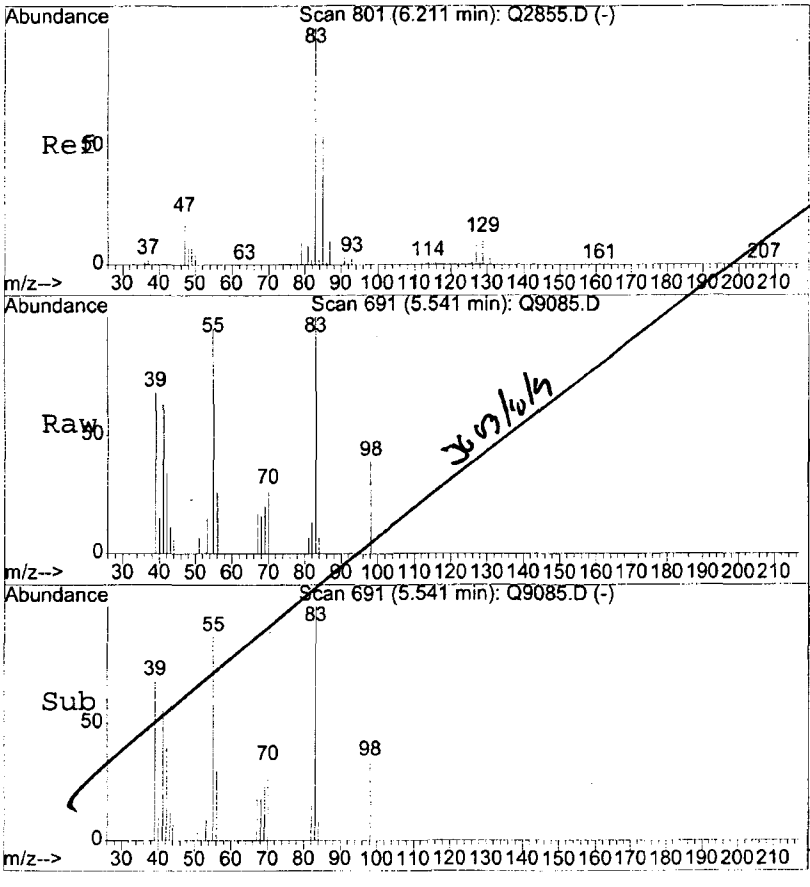


#24
C012 Methylcyclohexane
Concen: 6.95 ng
RT: 5.54 min Scan# 691
Delta R.T. 0.00 min
Lab File: Q9085.D
Acq: 10 Mar 2007 6:18

Tgt Ion: 83 Resp: 11504

Ion	Ratio	Lower	Upper
83	100		
55	115.4	81.0	121.6
98	46.5	38.9	58.3

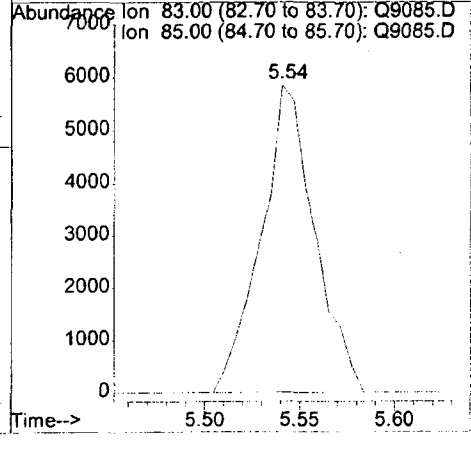


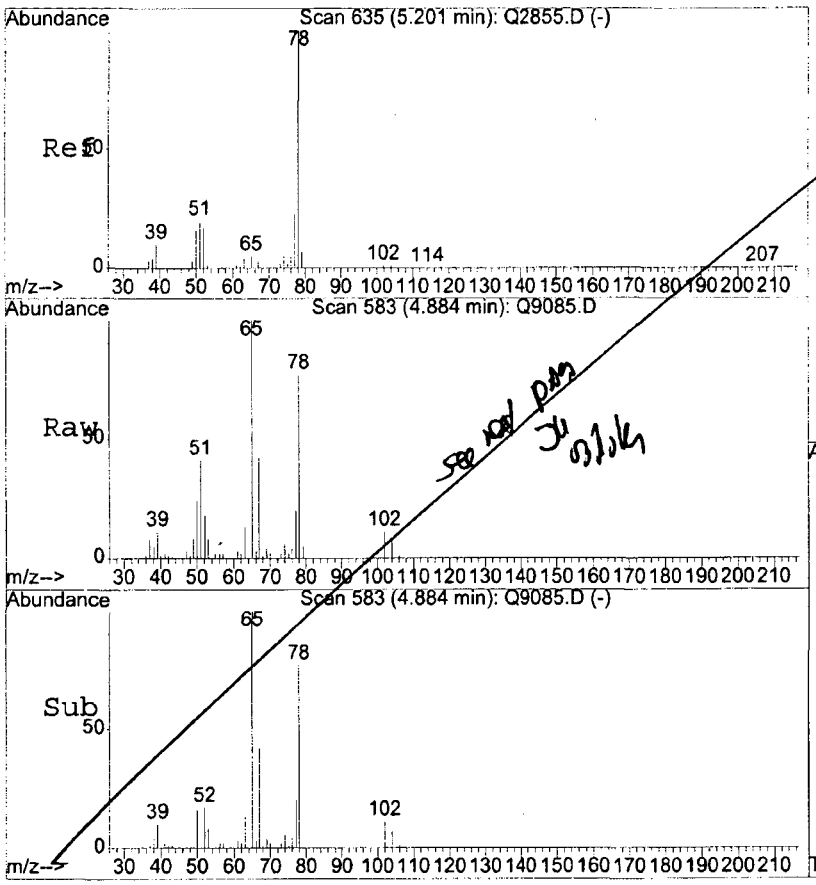


#27
C130 Bromodichloromethane
Concen: 5.56 ng
RT: 5.54 min Scan# 691
Delta R.T. -0.33 min
Lab File: Q9085.D
Acq: 10 Mar 2007 6:18

Tgt Ion: 83 Resp: 11504

Ion	Ratio	Lower	Upper
83	100		
85	0.0	41.8	81.8#

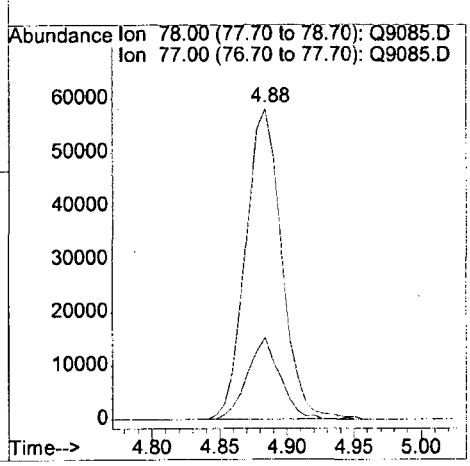




#31
C165 Benzene
Concen: 25.33 ng
RT: 4.88 min Scan# 583
Delta R.T. 0.01 min
Lab File: Q9085.D
Acq: 10 Mar 2007 6:18

Tgt Ion: 78 Resp: 108764

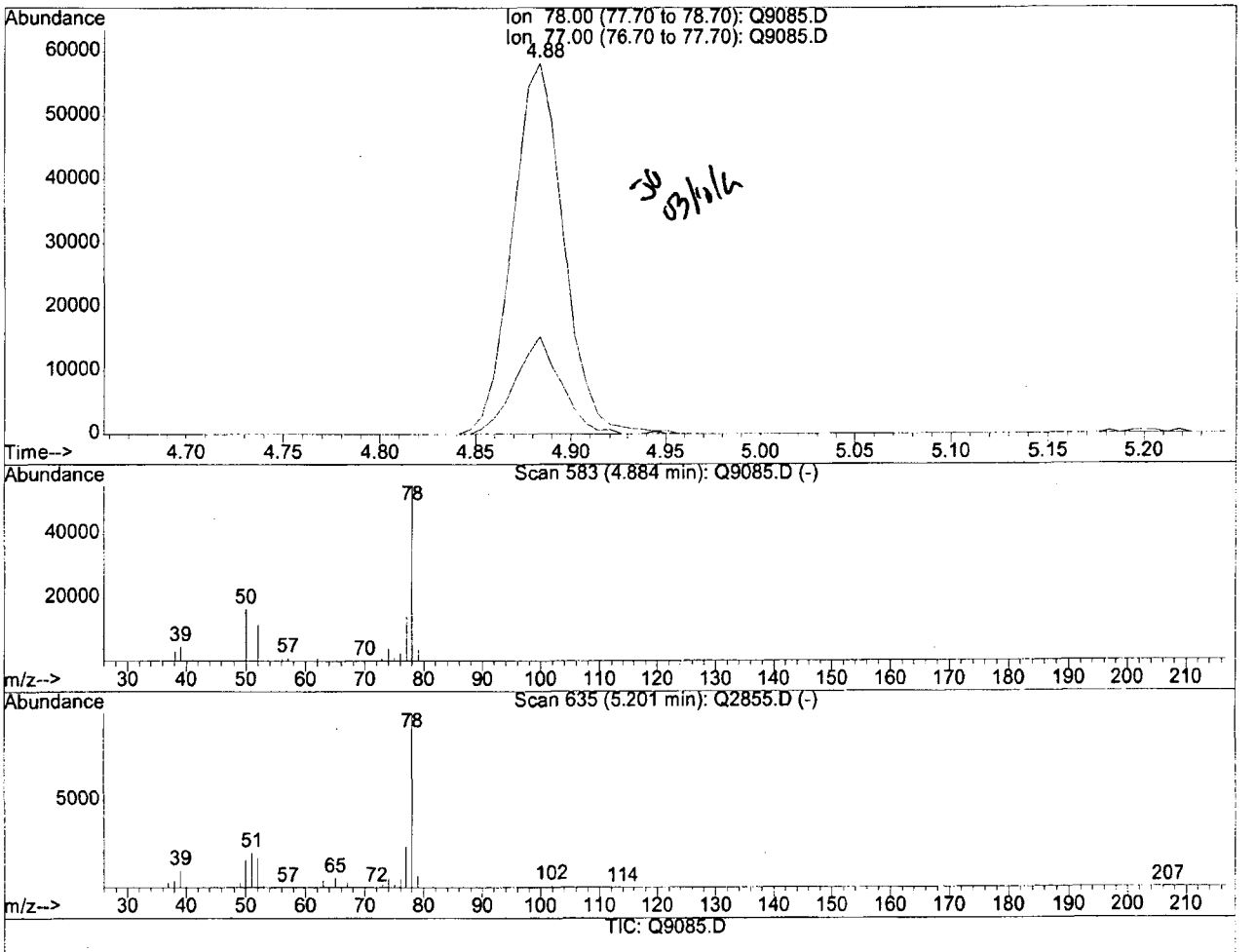
Ion	Ratio	Lower	Upper
78	100		
77	26.3	15.4	28.6



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030907\Q9085.D Vial: 42
Acq On : 10 Mar 2007 6:18 Operator: JLG
Sample : A7221902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 13:13 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single Level Calibration



(31) C165 Benzene (M)

4.88min 25.33ng

response 108764

Ion	Exp%	Act%
78.00	100	100
77.00	22.00	26.32
0.00	0.00	0.00
0.00	0.00	0.00

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9085.D
Acq On : 10 Mar 2007 6:18
Sample : A7221902
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

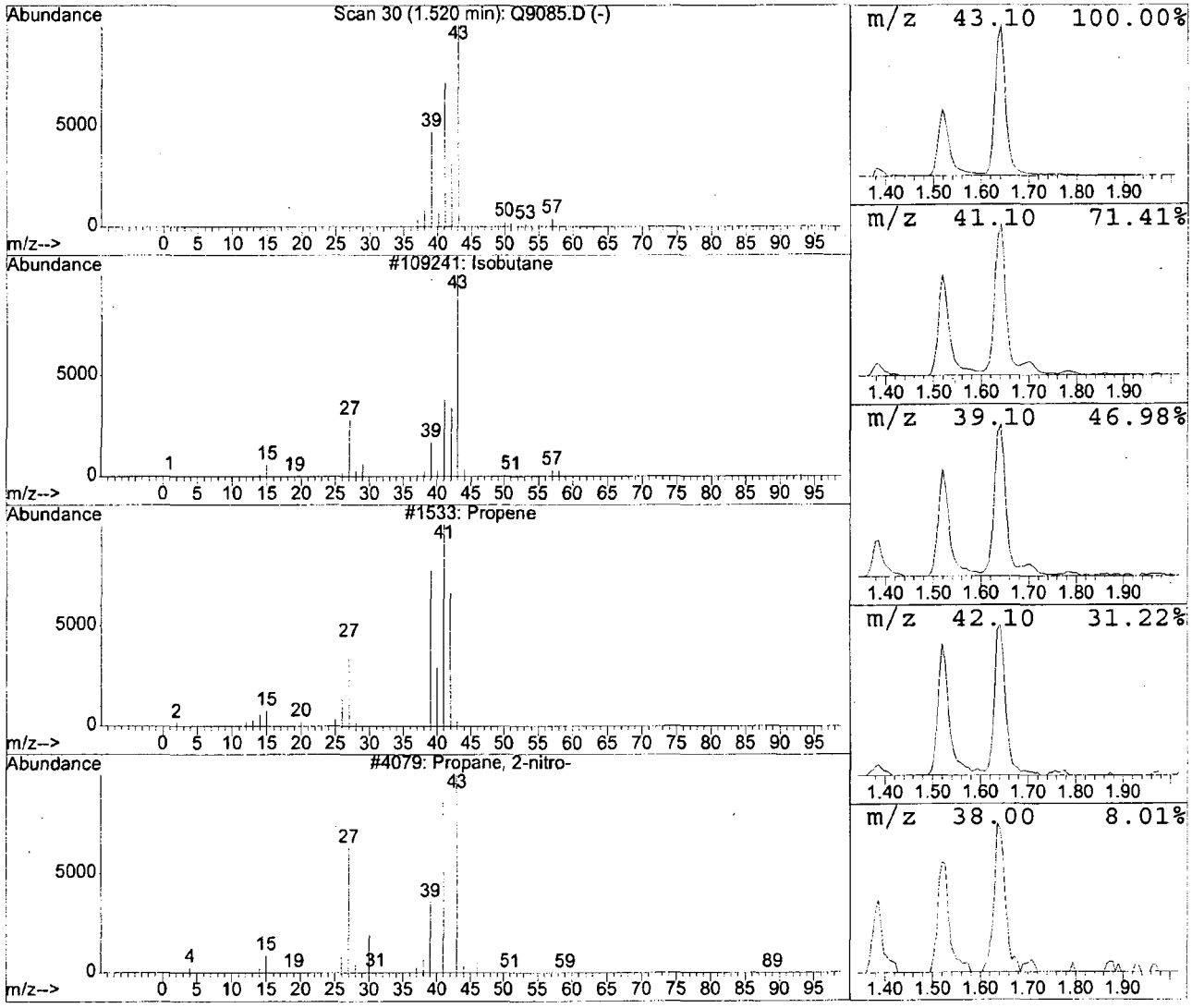
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 1 Isobutane — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.52	56.16 ng	307700	CI01 Bromochloro	1369770	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	9
2	Propene	42	C3H6	000115-07-1	4
3	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	2
4	1-Butanol	74	C4H10O	000071-36-3	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9085.D
Acq On : 10 Mar 2007 6:18
Sample : A7221902
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

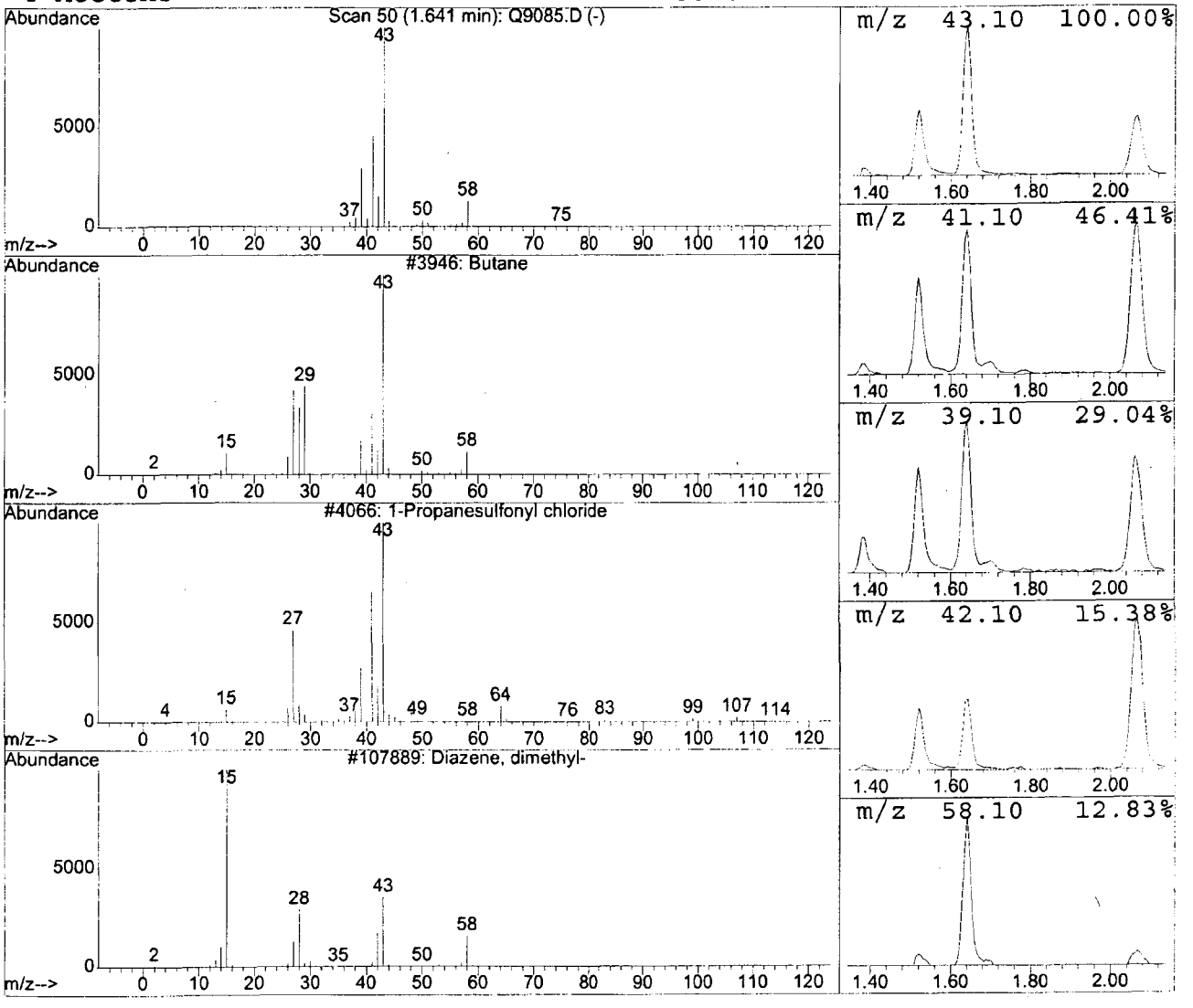
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 2 Butane — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.64	97.42 ng	533751	CI01 Bromochloro	1369770	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	59
2	1-Propanesulfonyl chloride	142	C3H7ClO2S	010147-36-1	45
3	Diazene, dimethyl-	58	C2H6N2	000503-28-6	5
4	Acetone	58	C3H6O	000067-64-1	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9085.D Vial: 42
Acq On : 10 Mar 2007 6:18 Operator: JLG
Sample : A7221902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

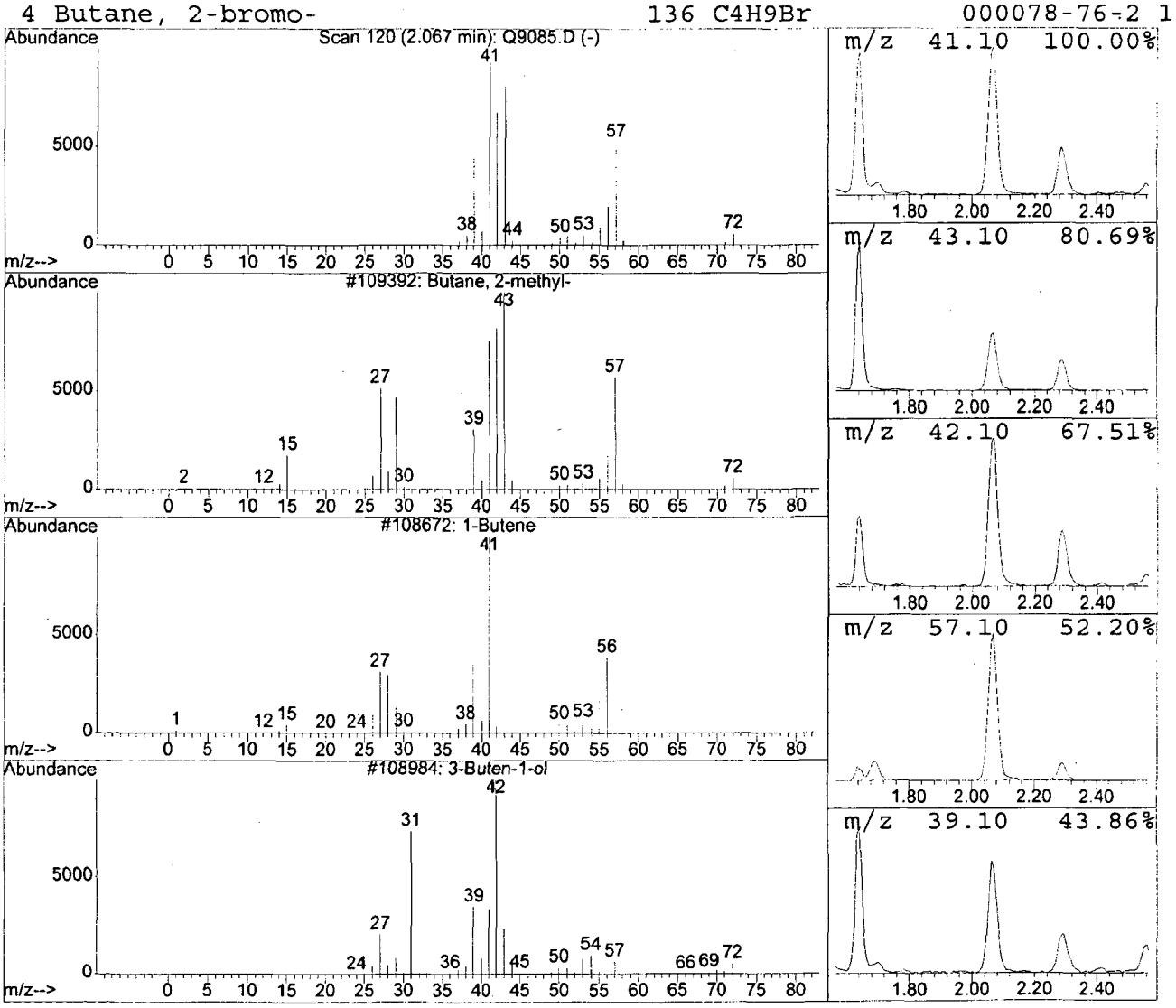
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 3 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.07	118.62 ng	649932	CI01 Bromochloro	1369770	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	47
2	1-Butene	56	C4H8	000106-98-9	10
3	3-Buten-1-ol	72	C4H8O	000627-27-0	10
4	Butane, 2-bromo-	136	C4H9Br	000078-76-2	10



Data File : C:\HPCHEM\1\DATA\030907\Q9085.D Vial: 42
Acq On : 10 Mar 2007 6:18 Operator: JLG
Sample : A7221902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

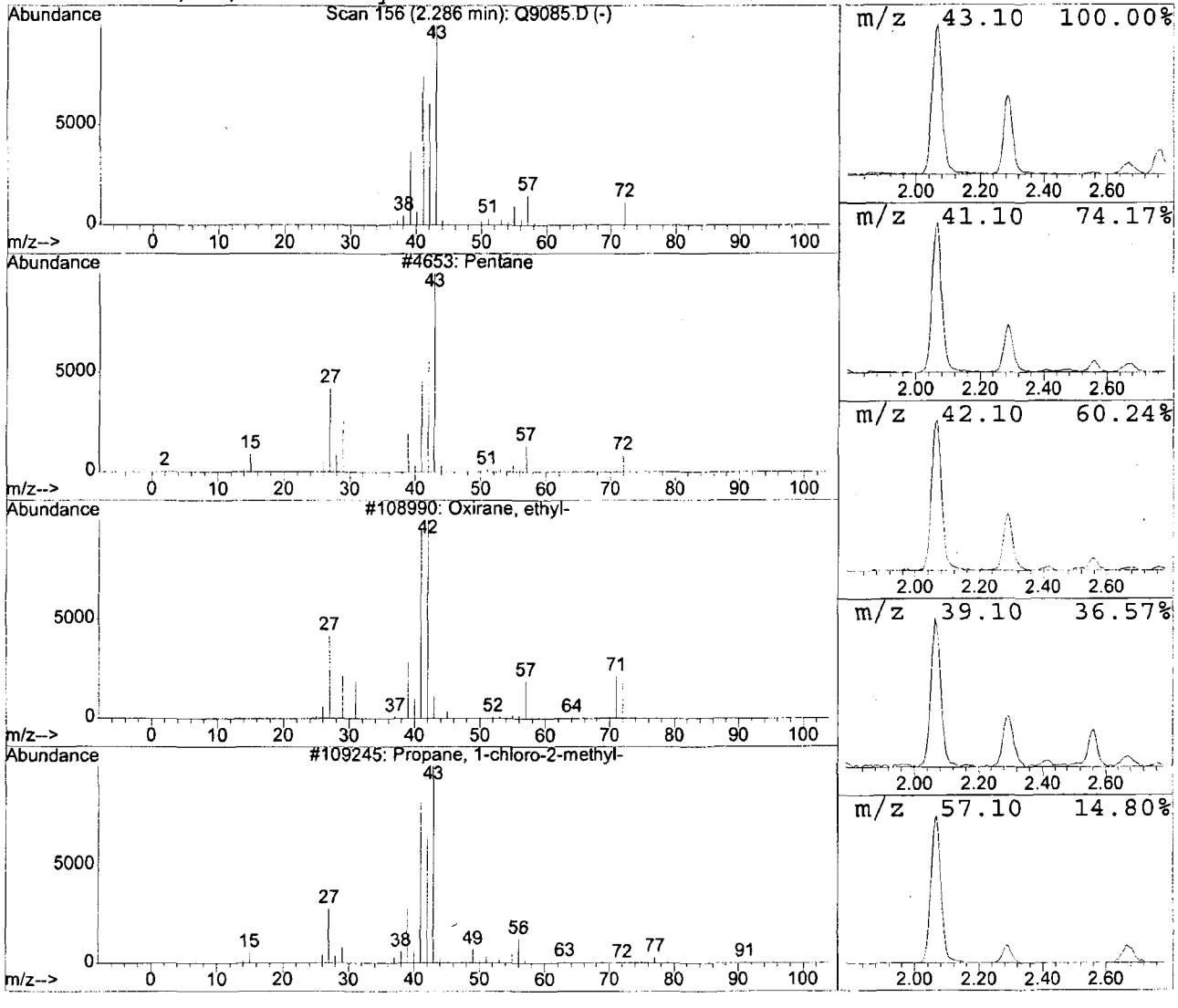
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 4 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.29	43.11 ng	236228	CI01 Bromochloro	1369770	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	72
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	53
3	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	39
4	Oxirane, 2,2-dimethyl-	72	C4H8O	000558-30-5	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9085.D Vial: 42
Acq On : 10 Mar 2007 6:18 Operator: JLG
Sample : A7221902 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

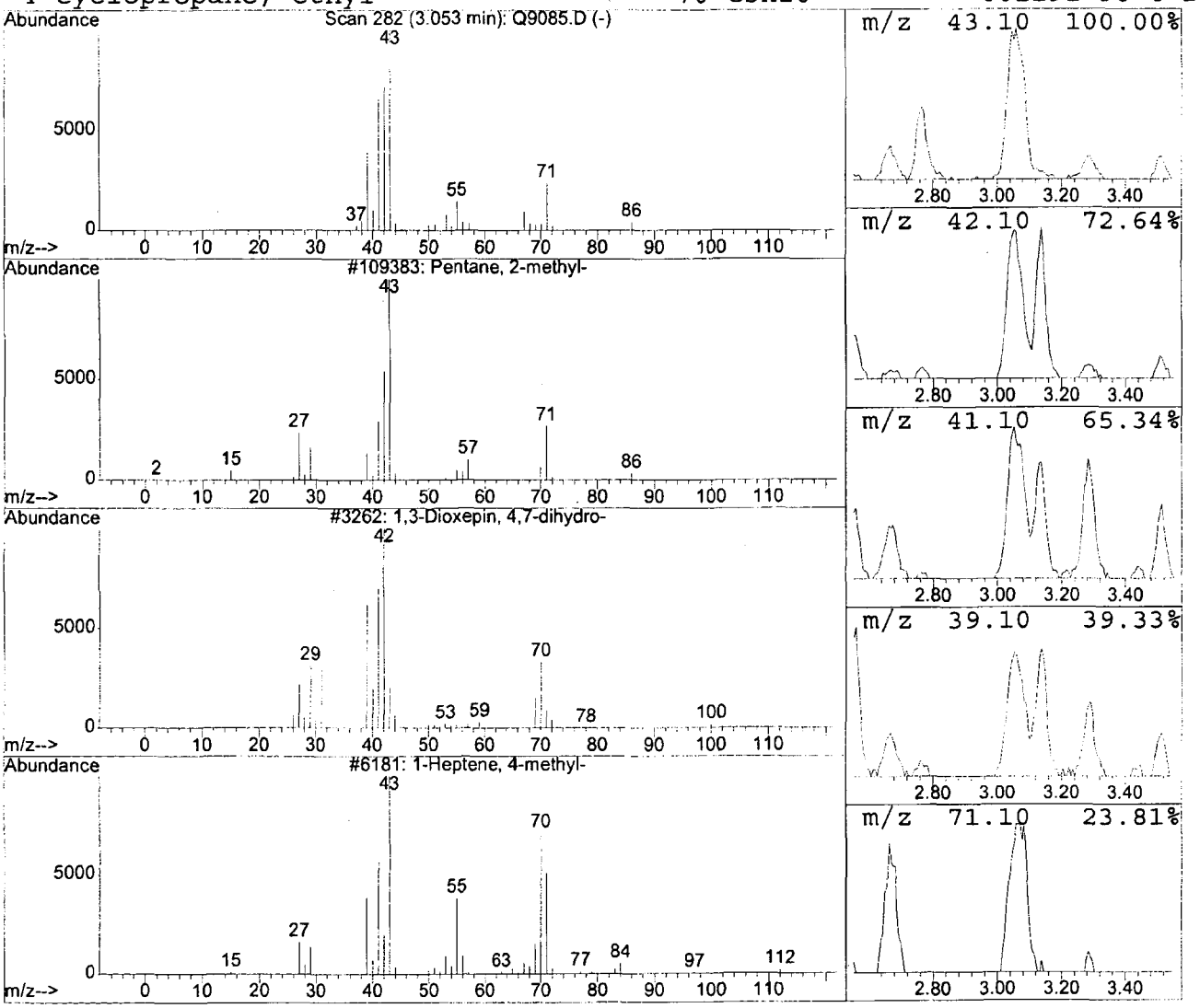
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 5 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
3.05	48.18 ng	263969	CI01 Bromochloro	1369770	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	37
2	1,3-Dioxepin, 4,7-dihydro-	100	C5H8O2	005417-32-3	25
3	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	25
4	Cyclopropane, ethyl-	70	C5H10	001191-96-4	25



Data File : C:\HPCHEM\1\DATA\030907\Q9085.D
Acq On : 10 Mar 2007 6:18
Sample : A7221902
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

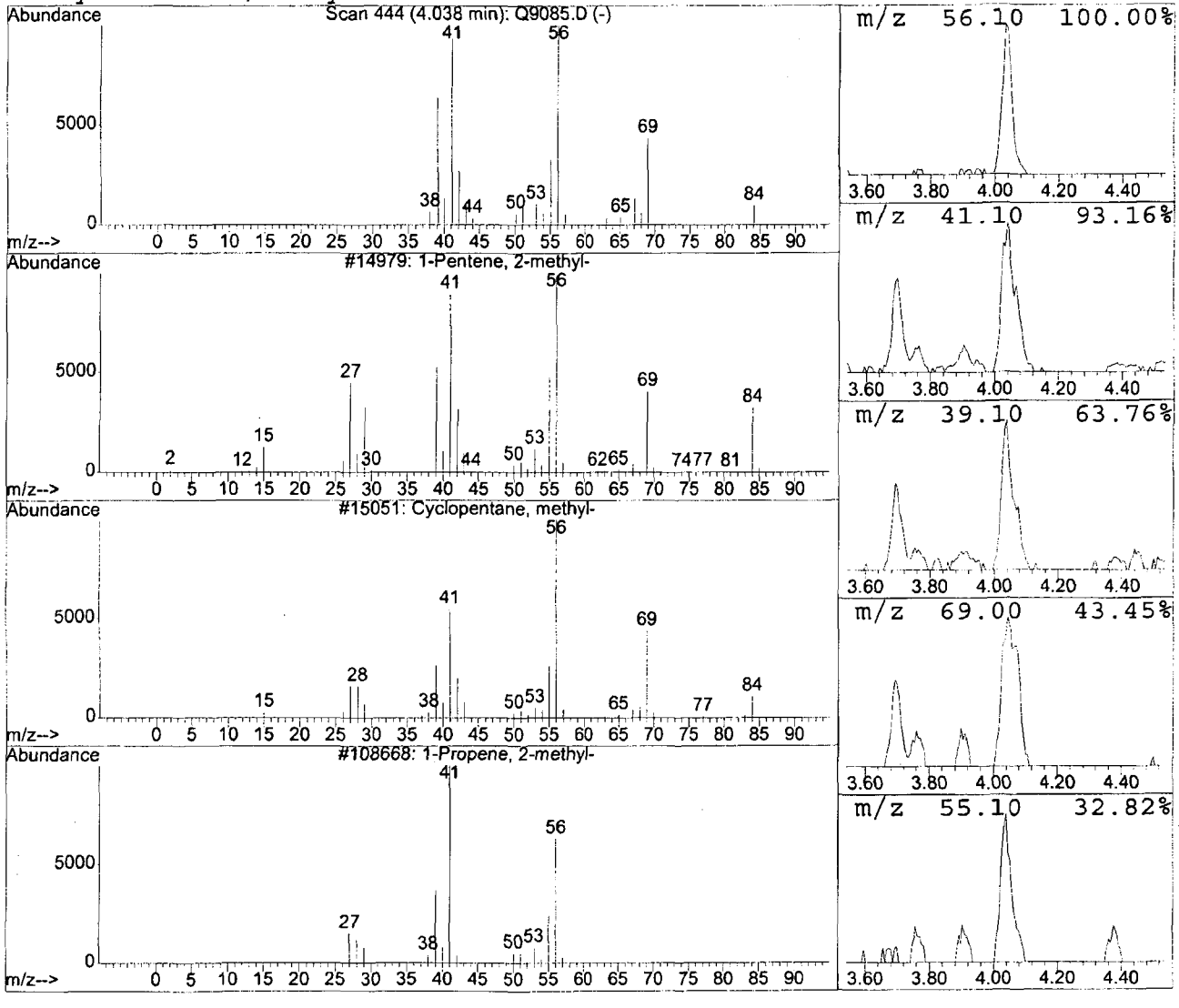
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 6 1-Pentene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.04	30.38 ng	166447	CI01 Bromochloro	1369770	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	52
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	47
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9085.D
Acq On : 10 Mar 2007 6:18
Sample : A7221902
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

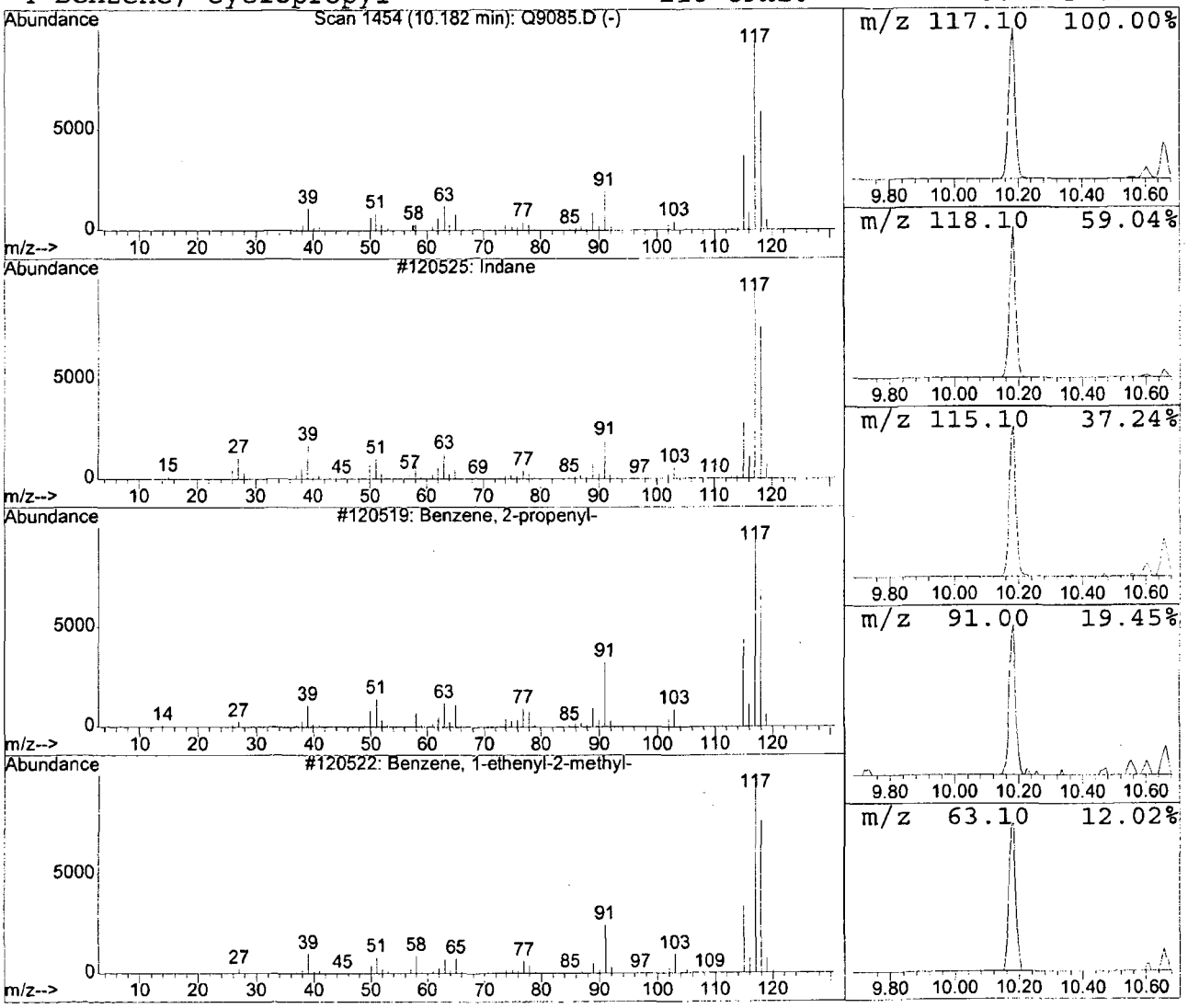
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 7 Indane — Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
10.18	27.78 ng	396808	CI20 Chlorobenze	3571490	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64



Tentatively Identified Compound (LSC) summary

Operator ID: JLG Date Acquired: 10 Mar 2007 6:18
Data File: C:\HPCHEM\1\DATA\030907\Q9085.D
Name: A7221902
Misc:
Method: C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title: CLPOLM04.2 WATERS
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Isobutane	1.52	56.2	ng	307700	ISTD01	4.38	1369770	250.0
Butane	1.64	97.4	ng	533751	ISTD01	4.38	1369770	250.0
Butane, 2-methyl-	2.07	118.6	ng	649932	ISTD01	4.38	1369770	250.0
Pentane	2.29	43.1	ng	236228	ISTD01	4.38	1369770	250.0
Pentane, 2-methyl-	3.05	48.2	ng	263969	ISTD01	4.38	1369770	250.0
1-Pentene, 2-methyl-	4.04	30.4	ng	166447	ISTD01	4.38	1369770	250.0
Indane	10.18	27.8	ng	396808	ISTD03	7.76	3571490	250.0

Q9085.D A7I00174.M Sat Mar 10 13:28:16 2007 HP5973-Q

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9086.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	5	J
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9086.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	3	J
108-87-2	Methylcyclohexane	1	J
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.: MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9086.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

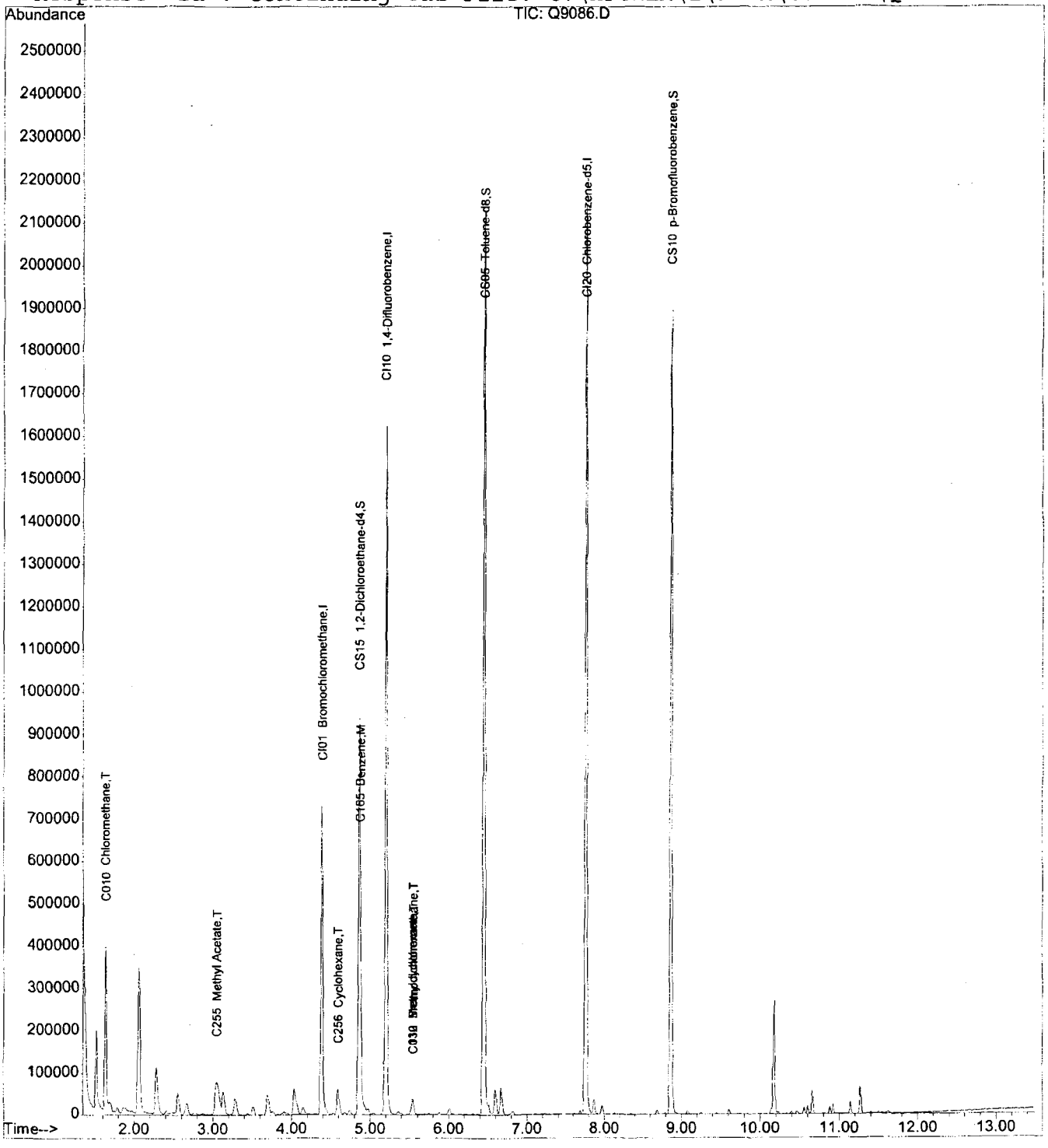
	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.		UNKNOWN	1.51	11	J
2.		UNKNOWN	1.63	21	J
3.		UNKNOWN	2.06	26	J
4.		UNKNOWN	2.29	9	J
5.		UNKNOWN	3.05	11	J
6.		UNKNOWN	4.03	6	J
7.	496-11-7	INDANE	10.18	6	JN

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030907\Q9086.D
Acq On : 10 Mar 2007 6:47
Sample : A7221903
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 10 7:41 2007

Vial: 43
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00
Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030907\Q9068.D



Quantitation Report STL Buffalo 122/412 +TIC

Data File : C:\HPCHEM\1\DATA\030907\Q9086.D Vial: 43
Acq On : 10 Mar 2007 6:47 Operator: JLG
Sample : A7221903 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 7:41 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030907\Q9068.D (9 Mar 2007 21:57)

SLE 3/10/07

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.38	128	174894	250.00	ng	0.00 94.46%
22) CI10	1,4-Difluorobenzene	5.20	114	1043687	250.00	ng	0.00 92.19%
36) CI20	Chlorobenzene-d5	7.77	117	1002846	250.00	ng	0.00 88.76%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	718212	256.67	ng	0.00
Spiked Amount	250.000	Range	76 - 114		Recovery =		102.67%
42) CS05	Toluene-d8	6.45	98	1183705	255.58	ng	0.00
Spiked Amount	250.000	Range	88 - 110		Recovery =		102.23%
48) CS10	p-Bromofluorobenzene	8.87	95	527378	249.74	ng	0.00
Spiked Amount	250.000	Range	86 - 115		Recovery =		99.90%
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
~~3) C010~~	~~Chloromethane~~	~~1.64~~	~~50~~	~~8357~~	~~10.27~~	~~ng~~	~~71~~
4) C015	Bromomethane	0.00	94	0	N.D.		
5) C020	Vinyl Chloride	2.07	62	151	N.D.		
6) C025	Chloroethane	2.03	64	1582	N.D.		
7) C030	Methylene Chloride	3.13	84	2751	N.D.		
8) C035	Acetone	2.76	43	10651	N.D.		
9) C040	Carbon Disulfide	2.88	76	3304	N.D.		
10) C275	Trichlorofluorometha	0.00	101	0	N.D.		
11) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
12) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
13) C962	T-butyl methyl ether	3.31	73	2269	N.D.		
14) C050	1,1-Dichloroethane	4.04	63	153	N.D.		
~~15) C255~~	~~Methyl Acetate~~	~~3.06~~	~~43~~	~~86700~~	~~55.87~~	~~ng #~~	~~65~~
16) C057	trans-1,2-dichloroet	0.00	96	0	N.D.		
17) C056	cis-1,2-Dichloroethe	4.38	96	652	N.D.		
18) C060	Chloroform	4.37	83	1225	N.D.		
20) C065	1,2-Dichloroethane	4.88	62	1977	N.D.		
21) C110	2-Butanone	4.21	43	1834	N.D.		
~~23) C256~~	Cyclohexane	4.59	56	25906	14.85	ng	91
~~24) C012~~	Methylcyclohexane	5.54	83	12192	7.33	ng	94
25) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
26) C120	Carbon Tetrachloride	0.00	117	0	N.D.		

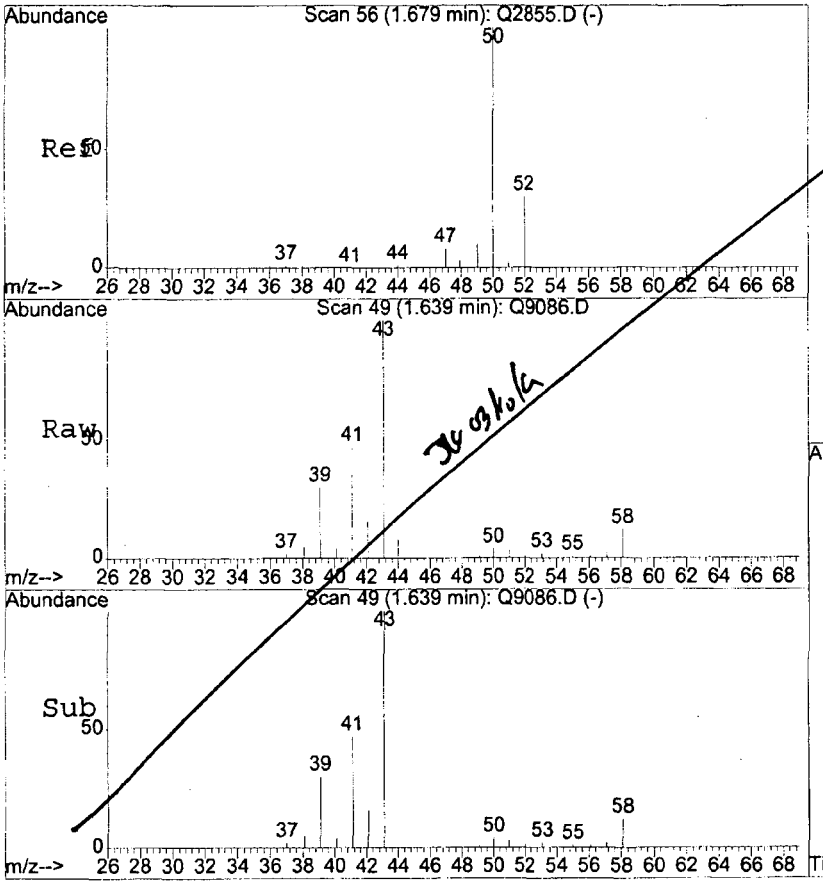
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\030907\Q9086.D Vial: 43
Acq On : 10 Mar 2007 6:47 Operator: JLG
Sample : A7221903 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 7:41 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
~~27)~~	~~C130~~	~~Bromodichloromethane~~	~~5.54~~	~~83~~	~~12192~~	~~5.86~~	~~ng~~	~~#~~	~~20~~
28)	C140	1,2-Dichloropropane	0.00	63	0	N.D.			
29)	C145	cis-1,3-Dichloroprop	6.46	75	129	N.D.			
30)	C150	Trichloroethene	0.00	130	0	N.D.			
31)	C165	Benzene	4.88	78	108306	25.11	ng	•	96
32)	C155	Dibromochloromethane	0.00	129	0	N.D.			
33)	C170	trans-1,3-Dichloropr	6.46	75	129	N.D.			
34)	C160	1,1,2-Trichloroethan	6.80	97	1001	N.D.			
35)	C180	Bromoform	0.00	173	0	N.D.			
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.			
38)	C210	4-Methyl-2-Pentanone	6.59	43	5995	N.D.			
39)	C215	2-Hexanone	7.25	43	295	N.D.			
40)	C220	Tetrachloroethene	7.00	164	612	N.D.			
41)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.			
43)	C230	Toluene	6.51	91	11847	N.D.			
44)	C235	Chlorobenzene	7.78	112	284	N.D.			
45)	C240	Ethylbenzene	7.87	106	6908	N.D.			
46)	C246	m,p-Xylene	7.97	106	4685	N.D.			
47)	C247	o-Xylene	8.35	106	1334	N.D.			
49)	C245	Styrene	8.87	104	2572	N.D.			
50)	C966	Isopropylbenzene	8.69	105	8459	N.D.			
51)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.			
52)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.			
53)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.			
54)	C286	1,2-Dibromo-3-chloro	10.65	75	161	N.D.			
55)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.			

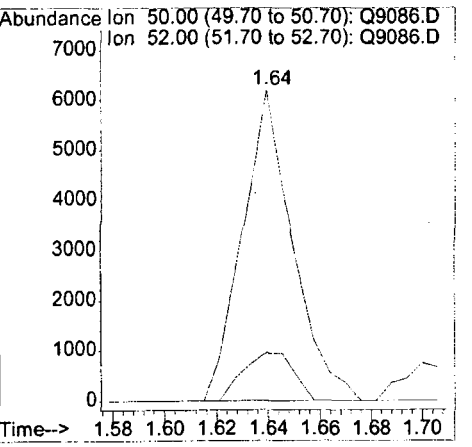
(#) = qualifier out of range (m) = manual integration

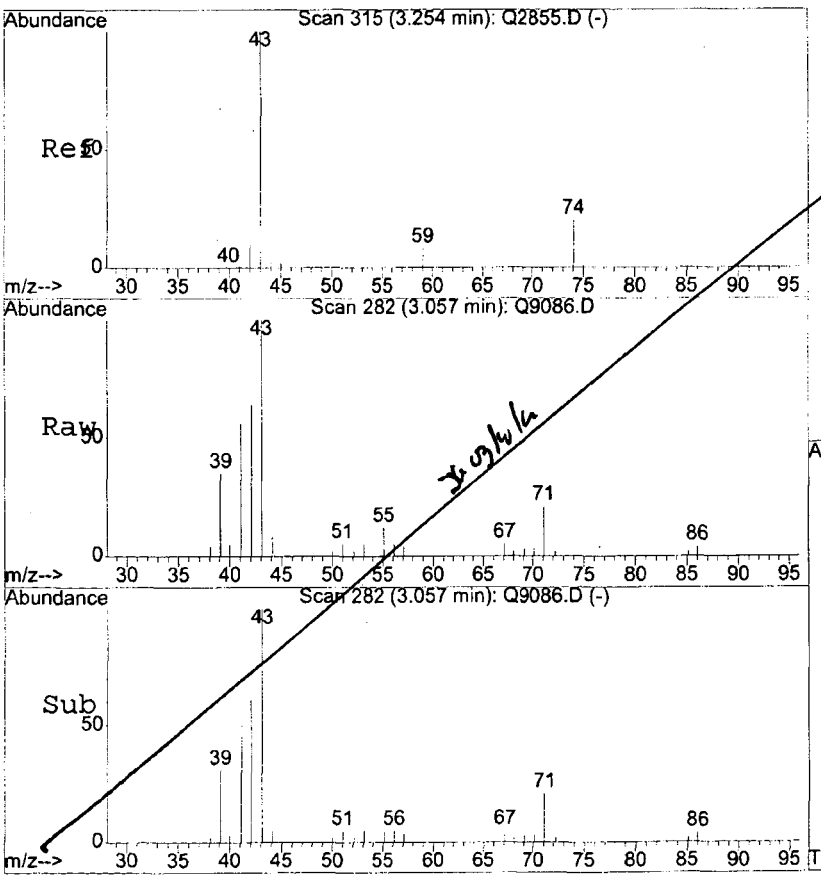


#3
C010 Chloromethane
Concen: 10.27 ng
RT: 1.64 min Scan# 49
Delta R.T. 0.03 min
Lab File: Q9086.D
Acq: 10 Mar 2007 6:47

Tgt Ion: 50 Resp: 8357

Ion	Ratio	Lower	Upper
50	100		
52	15.4	11.2	51.2

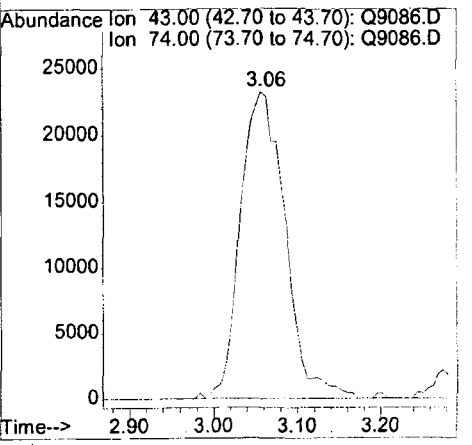


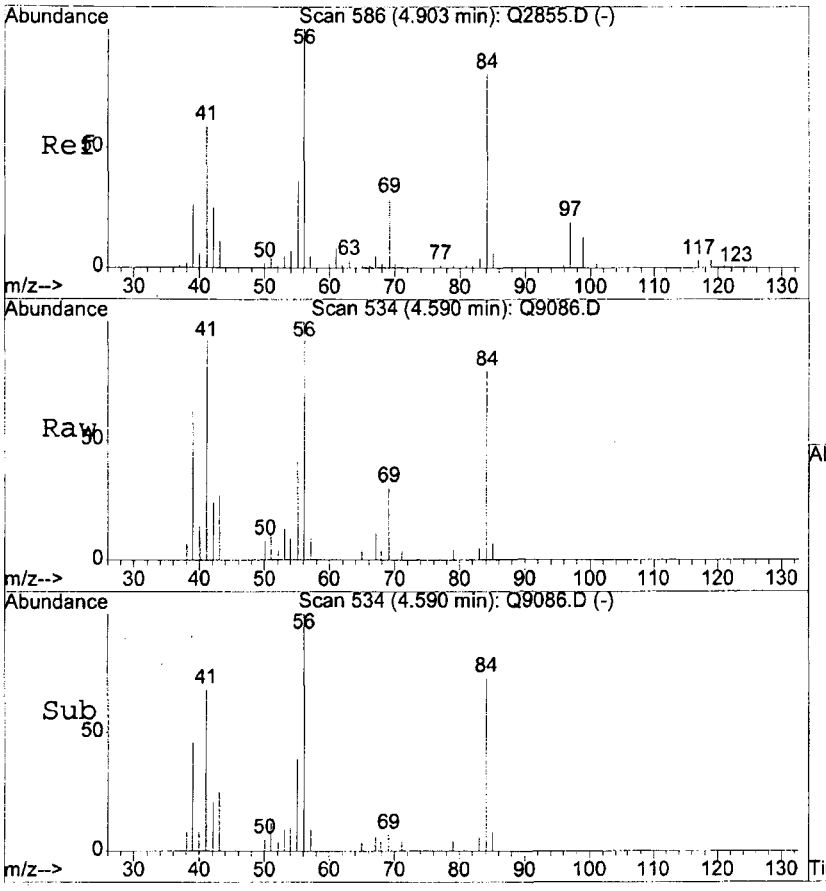


#15
C255 Methyl Acetate
Concen: 55.87 ng
RT: 3.06 min Scan# 282
Delta R.T. 0.04 min
Lab File: Q9086.D
Acq: 10 Mar 2007 6:47

Tgt Ion: 43 Resp: 86700

Ion	Ratio	Lower	Upper
43	100		
74	0.0	0.0	34.4

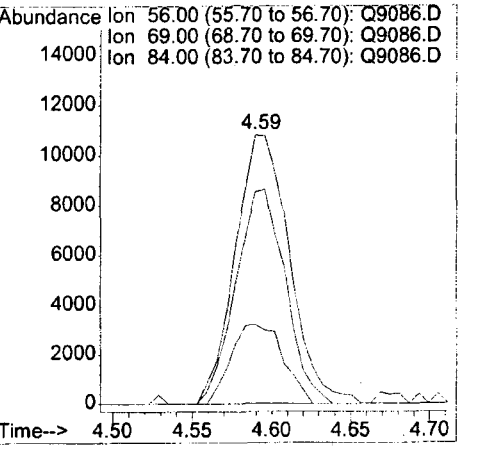


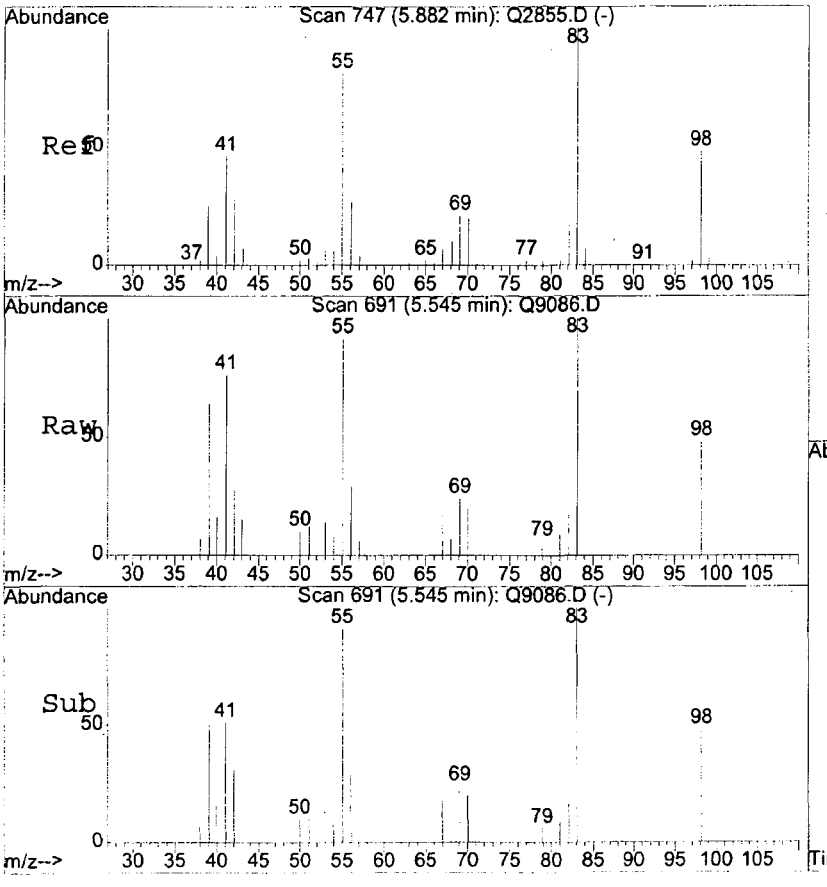


#23
C256 Cyclohexane
Concen: 14.85 ng
RT: 4.59 min Scan# 534
Delta R.T. 0.00 min
Lab File: Q9086.D
Acq: 10 Mar 2007 6:47

Tgt Ion: 56 Resp: 25906

Ion	Ratio	Lower	Upper
56	100		
69	28.3	22.4	33.6
84	73.0	66.5	99.7

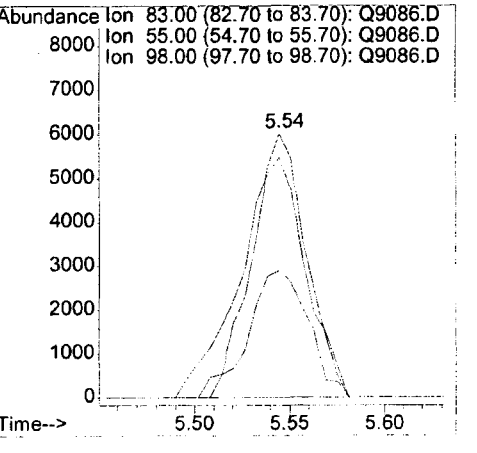


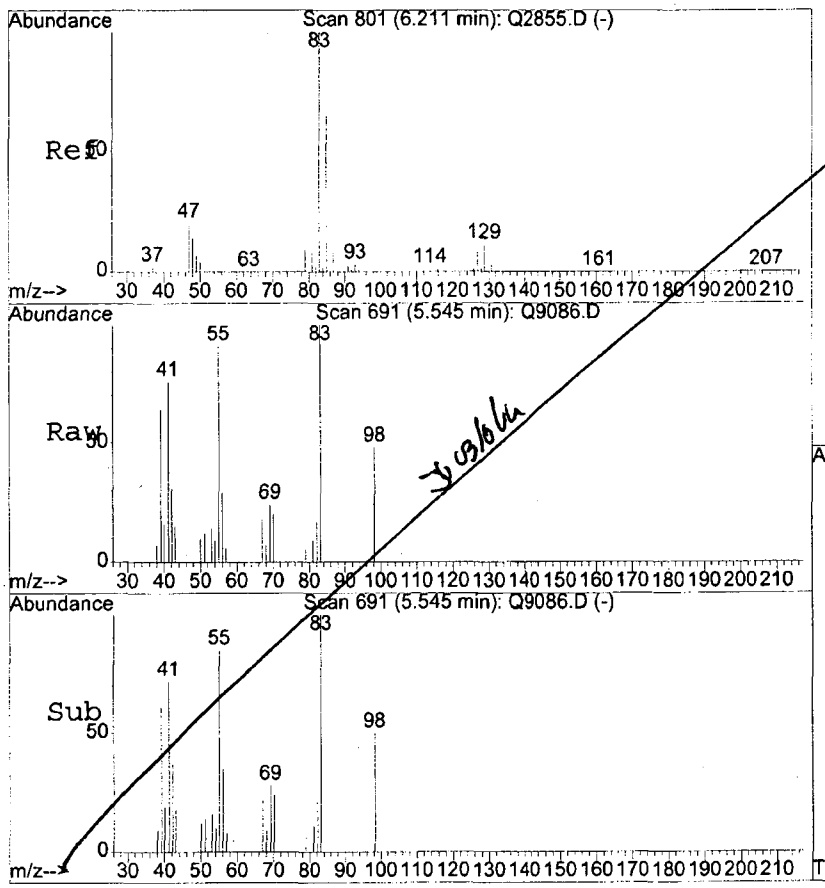


#24
C012 Methylcyclohexane
Concen: 7.33 ng
RT: 5.54 min Scan# 691
Delta R.T. 0.00 min
Lab File: Q9086.D
Acq: 10 Mar 2007 6:47

Tgt Ion: 83 Resp: 12192

Ion	Ratio	Lower	Upper
83	100		
55	108.5	81.0	121.6
98	51.0	38.9	58.3

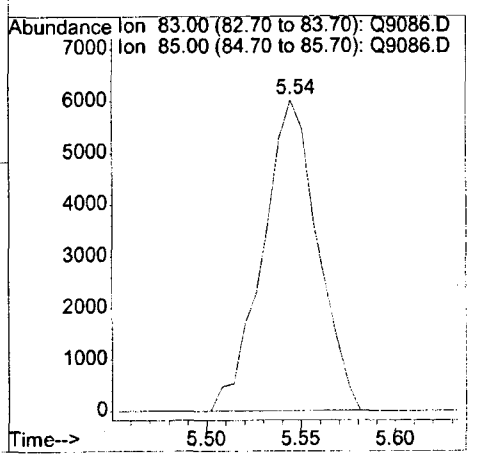


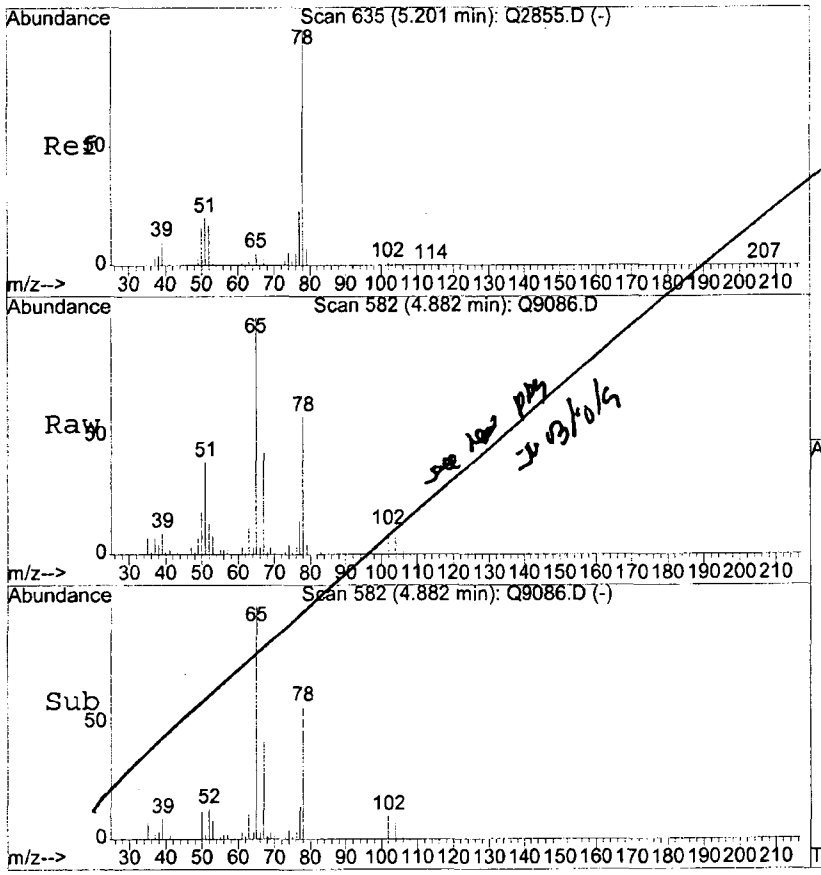


#27
C130 Bromodichloromethane
Concen: 5.86 ng
RT: 5.54 min Scan# 691
Delta R.T. -0.32 min
Lab File: Q9086.D
Acq: 10 Mar 2007 6:47

Tgt Ion: 83 Resp: 12192

Ion	Ratio	Lower	Upper
83	100		
85	0.0	41.8	81.8#

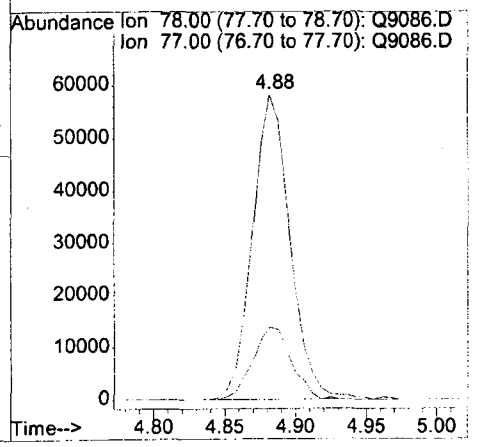




#31
C165 Benzene
Concen: 25.11 ng
RT: 4.88 min Scan# 582
Delta R.T. 0.00 min
Lab File: Q9086.D
Acq: 10 Mar 2007 6:47

Tgt Ion: 78 Resp: 108306

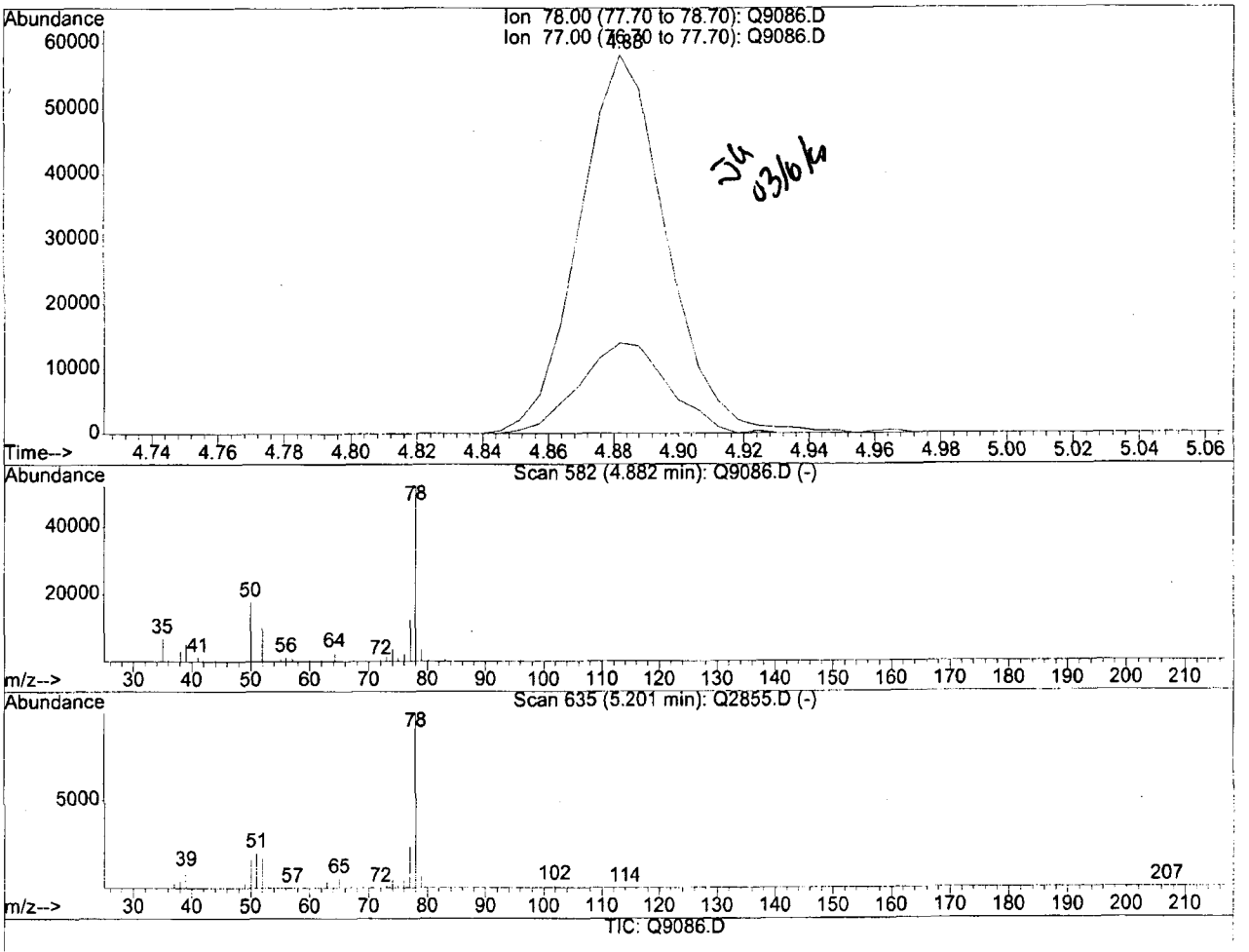
Ion	Ratio	Lower	Upper
78	100		
77	23.9	15.4	28.6



Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030907\Q9086.D Vial: 43
Acq On : 10 Mar 2007 6:47 Operator: JLG
Sample : A7221903 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 13:15 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single Level Calibration



(31) C165 Benzene (M)

4.88min 25.11ng

response 108306

Ion	Exp%	Act%
78.00	100	100
77.00	22.00	23.91
0.00	0.00	0.00
0.00	0.00	0.00

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9086.D
Acq On : 10 Mar 2007 6:47
Sample : A7221903
Misc :
MS Integration Params: LSCINT.P

Vial: 43
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

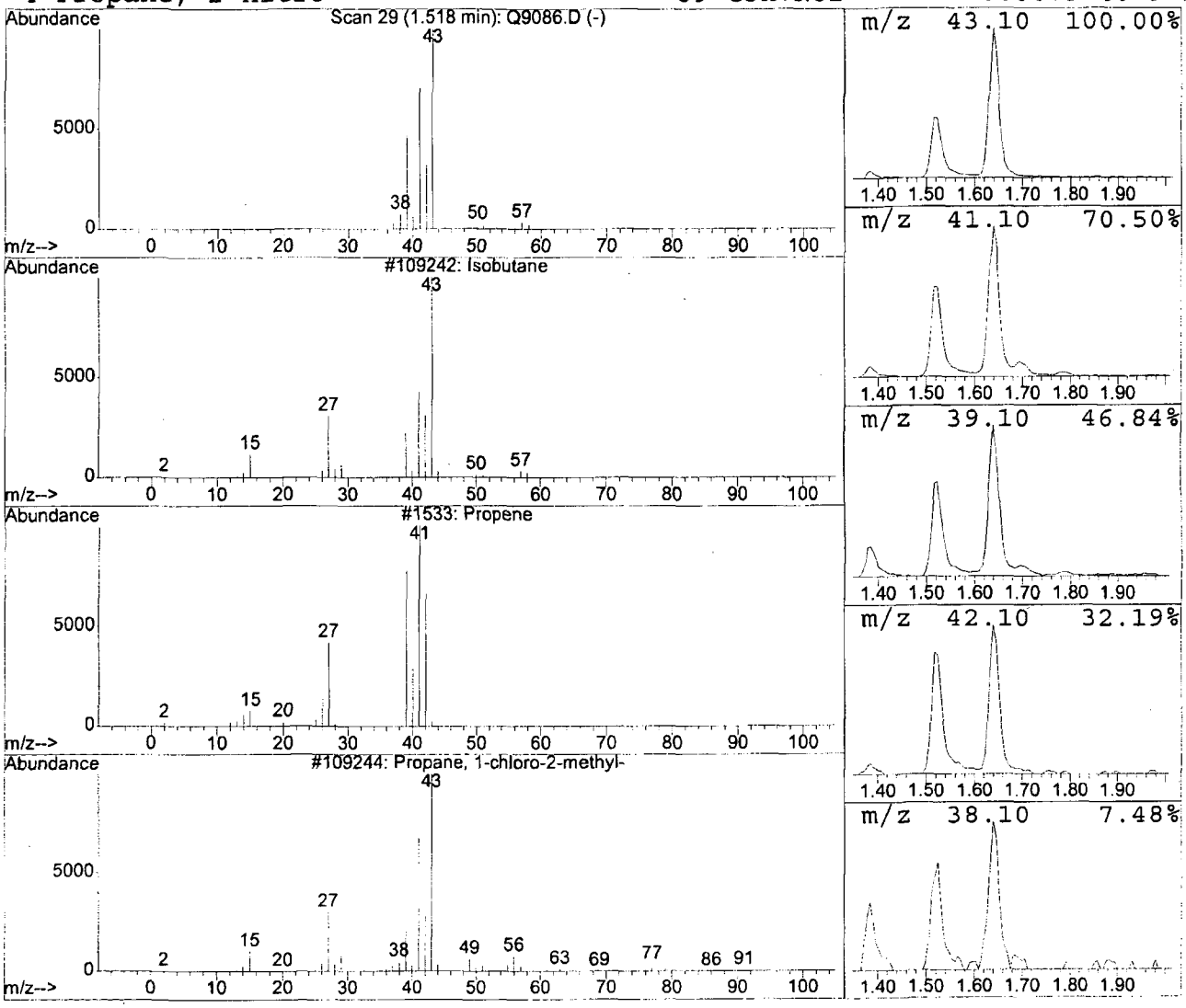
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 1 Isobutane — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.52	55.55 ng	302108	CI01 Bromochloro	1359650	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	32
2	Propene	42	C3H6	000115-07-1	7
3	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	4
4	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	2



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9086.D
Acq On : 10 Mar 2007 6:47
Sample : A7221903
Misc :
MS Integration Params: LSCINT.P

Vial: 43
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

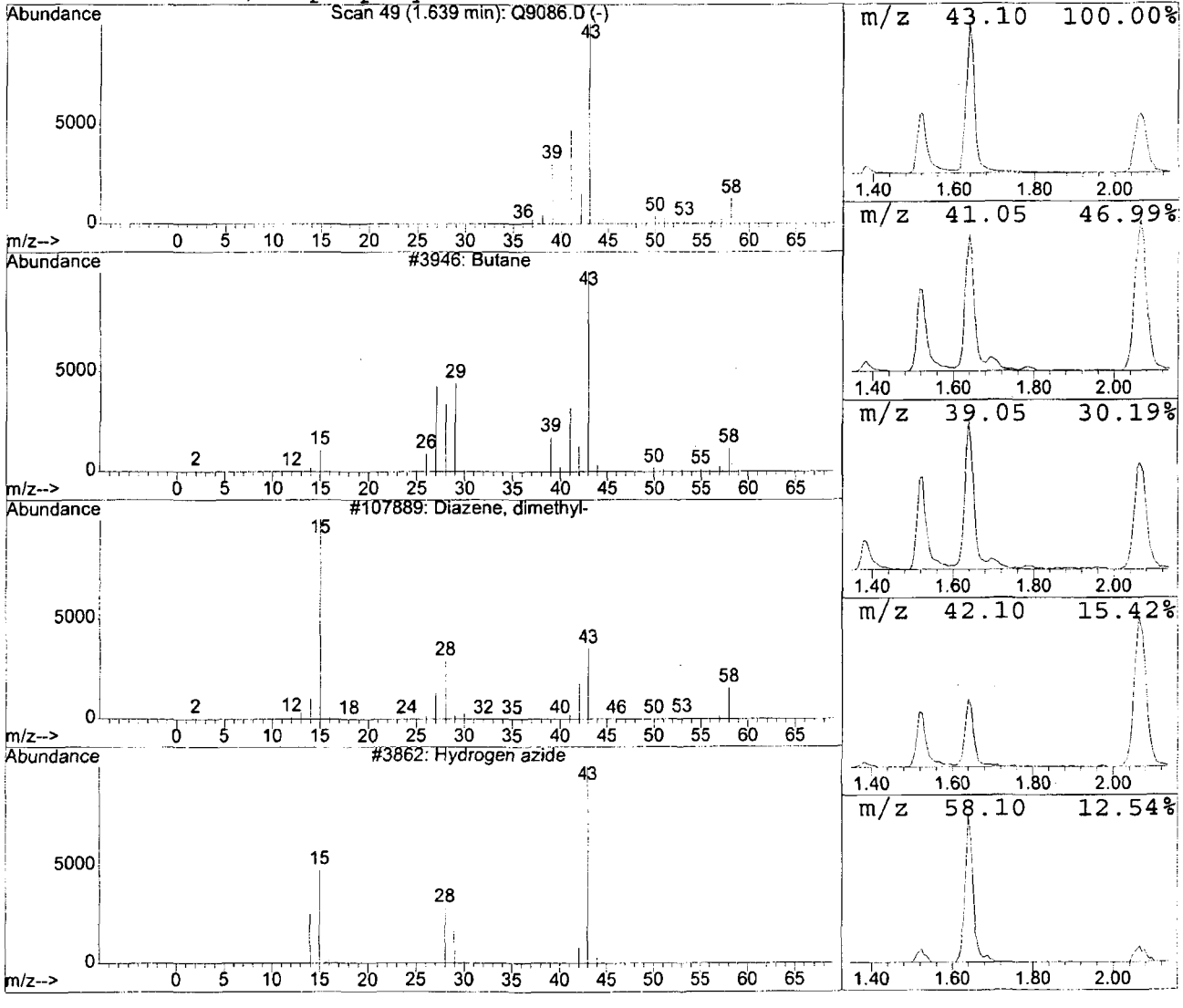
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 2 Butane — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.64	104.18 ng	566585	CI01 Bromochloro	1359650	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane	58	C4H10	000106-97-8	53
2	Diazene, dimethyl-	58	C2H6N2	000503-28-6	5
3	Hydrogen azide	43	HN3	007782-79-8	4
4	Acetic acid, 2-propenyl ester	100	C5H8O2	000591-87-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9086.D
Acq On : 10 Mar 2007 6:47
Sample : A7221903
Misc :
MS Integration Params: LSCINT.P

Vial: 43
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

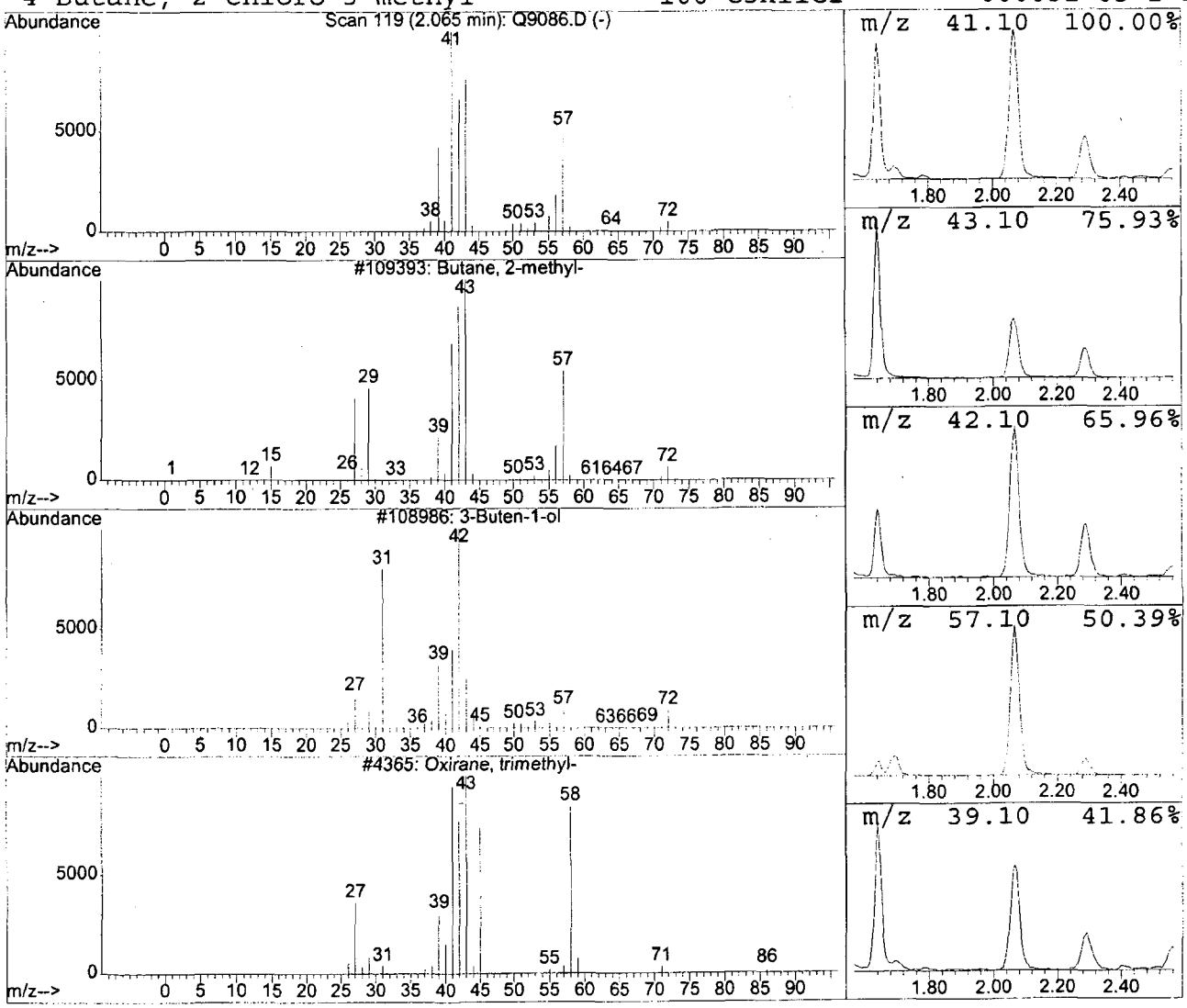
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 3 Butane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.07	131.22 ng	713679	CI01 Bromochloro	1359650	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	52
2	3-Buten-1-ol	72	C4H8O	000627-27-0	27
3	Oxirane, trimethyl-	86	C5H10O	005076-19-7	17
4	Butane, 2-chloro-3-methyl-	106	C5H11Cl	000631-65-2	10



Data File : C:\HPCHEM\1\DATA\030907\Q9086.D Vial: 43
Acq On : 10 Mar 2007 6:47 Operator: JLG
Sample : A7221903 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

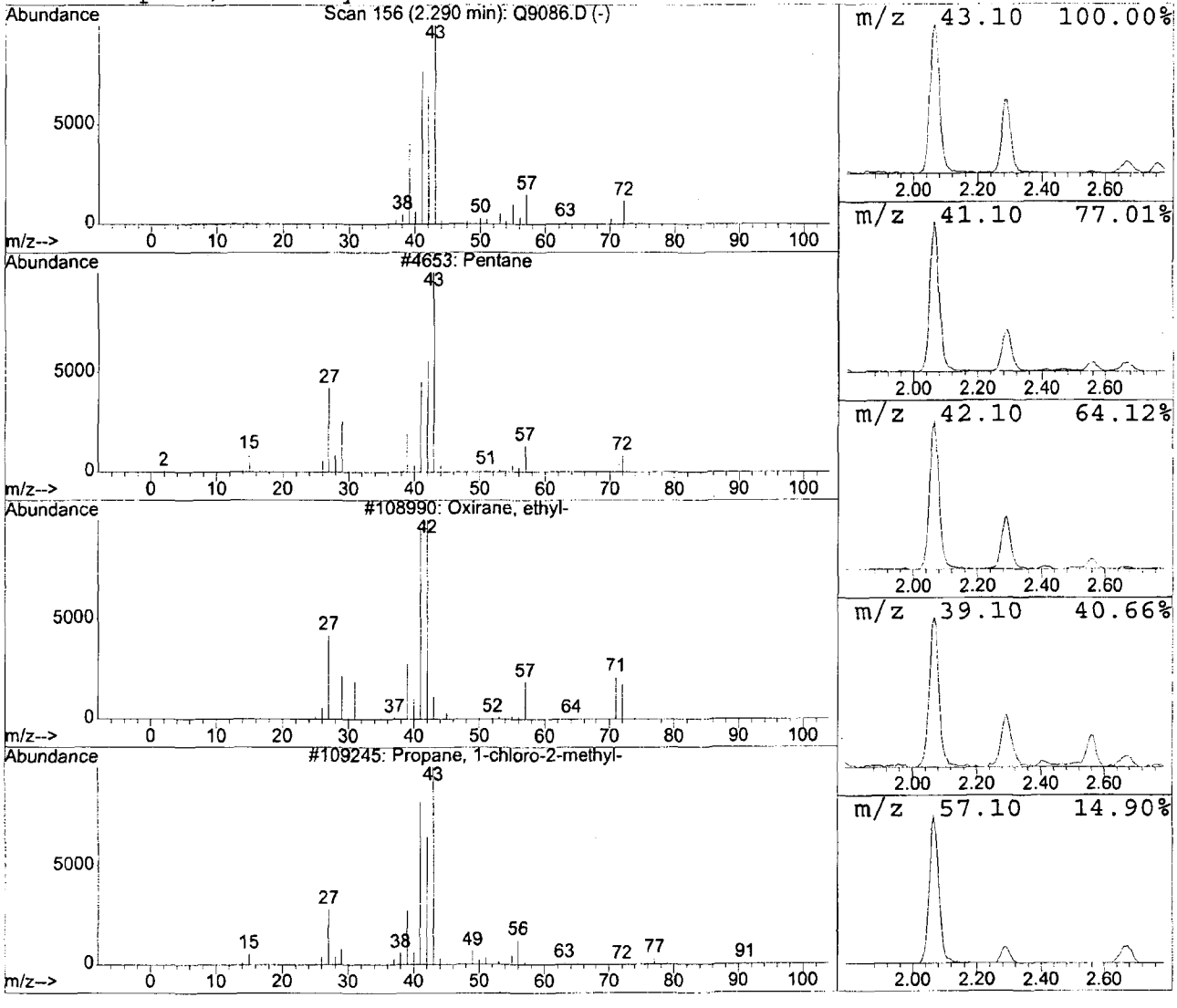
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 4 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
2.29	46.91 ng	255121	CI01 Bromochloro	1359650	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	47
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	38
3	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	23
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9086.D Vial: 43
Acq On : 10 Mar 2007 6:47 Operator: JLG
Sample : A7221903 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

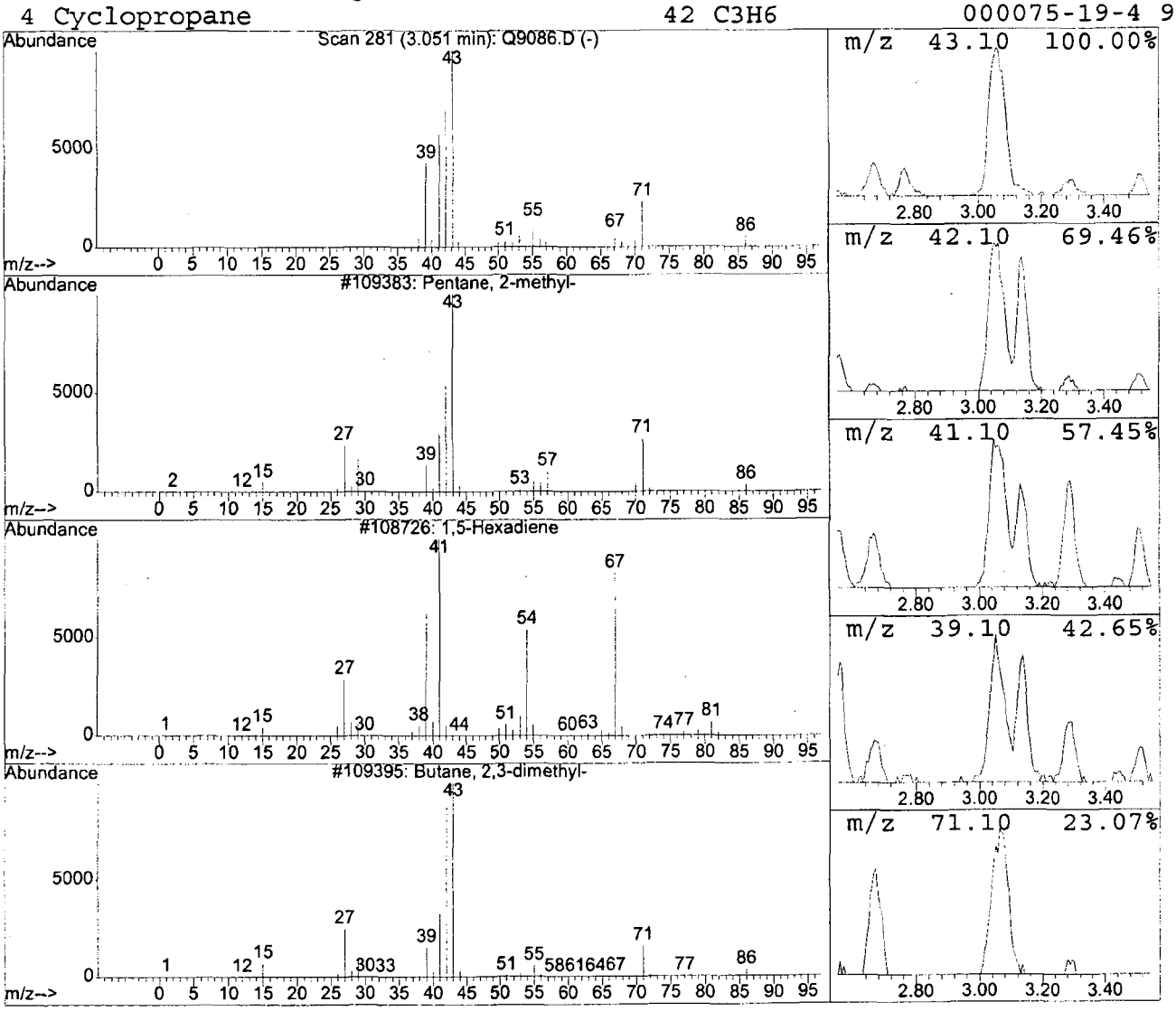
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 5 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
3.05	53.91 ng	293221	CI01 Bromochloro	1359650	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	47
2	1,5-Hexadiene	82	C6H10	000592-42-7	16
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	9
4	Cyclopropane	42	C3H6	000075-19-4	9



Data File : C:\HPCHEM\1\DATA\030907\Q9086.D Vial: 43
Acq On : 10 Mar 2007 6:47 Operator: JLG
Sample : A7221903 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

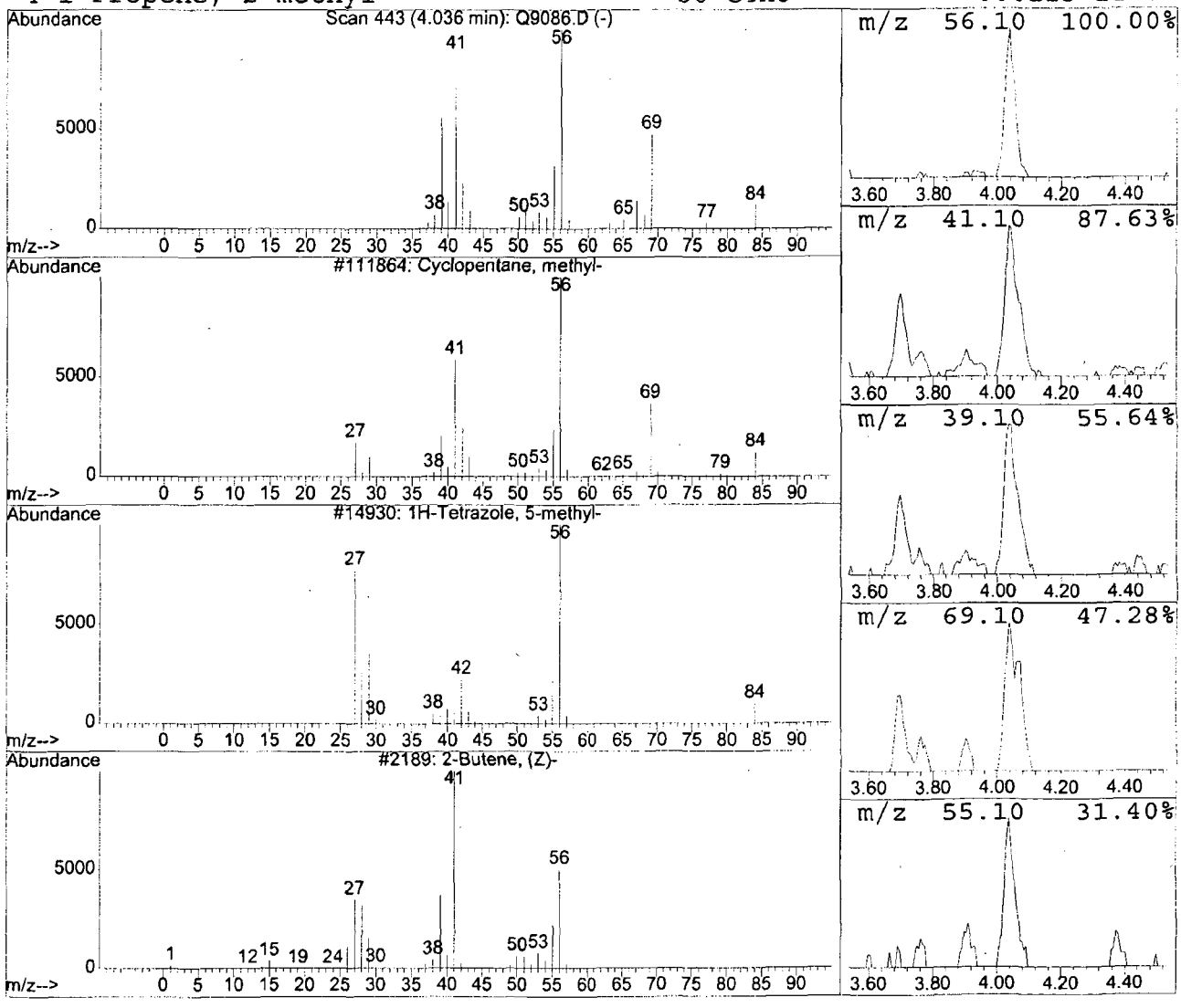
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 6 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.04	32.58 ng	177174	CI01 Bromochloro	1359650	4.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	58
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	49
3	2-Butene, (Z)-	56	C4H8	000590-18-1	47
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\030907\Q9086.D
Acq On : 10 Mar 2007 6:47
Sample : A7221903
Misc :
MS Integration Params: LSCINT.P

Vial: 43
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

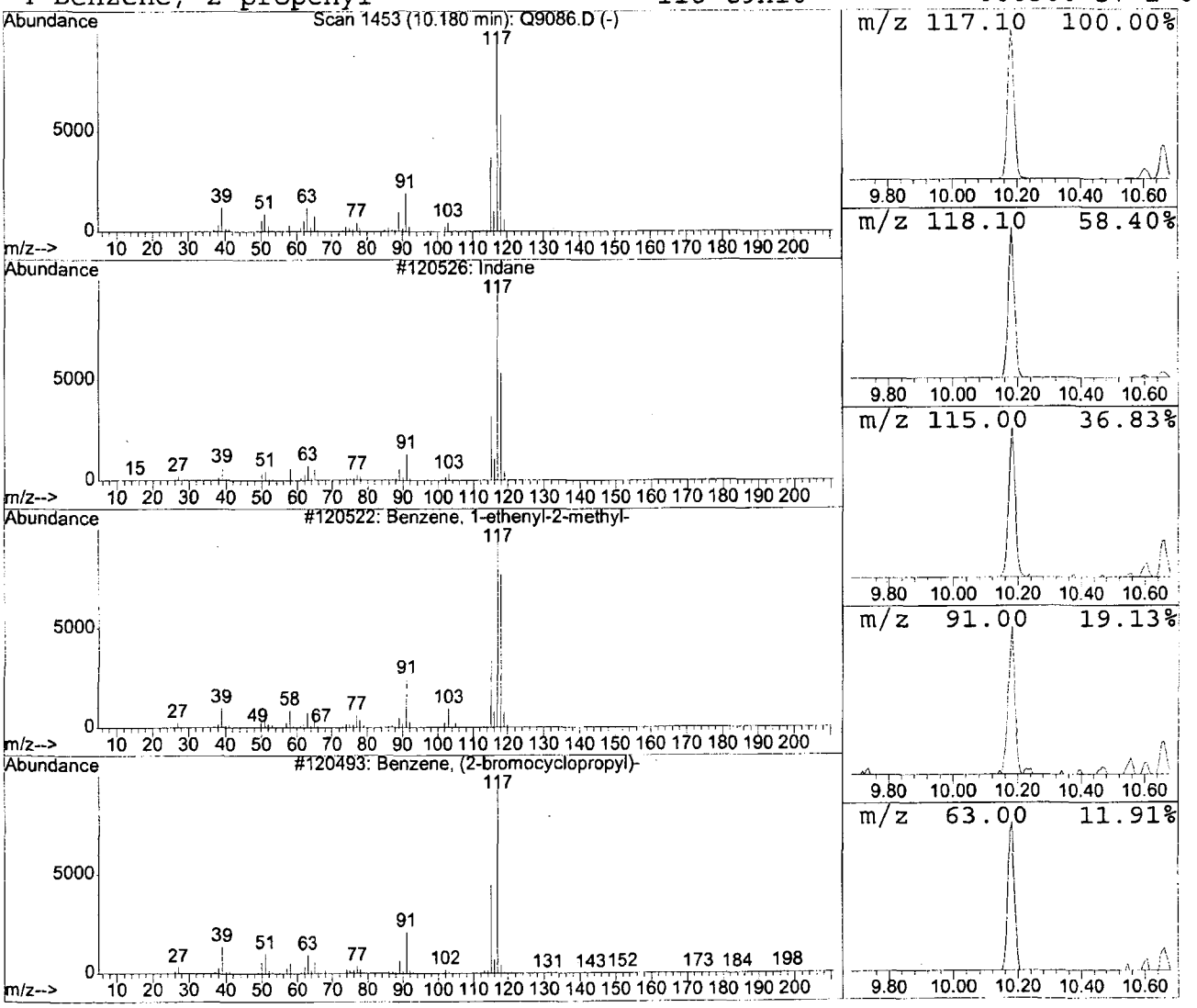
Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Library : C:\DATABASE\NIST98.L

****

Peak Number 7 Indane — Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
10.18	28.93 ng	412495	CI20 Chlorobenze	3564040	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64



Tentatively Identified Compound (LSC) summary

Operator ID: JLG Date Acquired: 10 Mar 2007 6:47
Data File: C:\HPCHEM\1\DATA\030907\Q9086.D
Name: A7221903
Misc:
Method: C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title: CLPOLM04.2 WATERS
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Isobutane	1.52	55.5	ng	302108	ISTD01	4.38	1359650	250.0
Butane	1.64	104.2	ng	566585	ISTD01	4.38	1359650	250.0
Butane, 2-methyl-	2.07	131.2	ng	713679	ISTD01	4.38	1359650	250.0
Pentane	2.29	46.9	ng	255121	ISTD01	4.38	1359650	250.0
Pentane, 2-methyl-	3.05	53.9	ng	293221	ISTD01	4.38	1359650	250.0
Cyclopentane, methyl	4.04	32.6	ng	177174	ISTD01	4.38	1359650	250.0
Indane	10.18	28.9	ng	412495	ISTD03	7.77	3564040	250.0

Q9086.D A7I00174.M Sat Mar 10 13:28:23 2007 HP5973-Q

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221904

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9071.RR

Level: (low/med) LOW Date Samp/Recv: 02/26/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221904

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9071.RR

Level: (low/med) LOW Date Samp/Recv: 02/26/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221904

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9071.RR

Level: (low/med) LOW Date Samp/Recv: 02/26/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

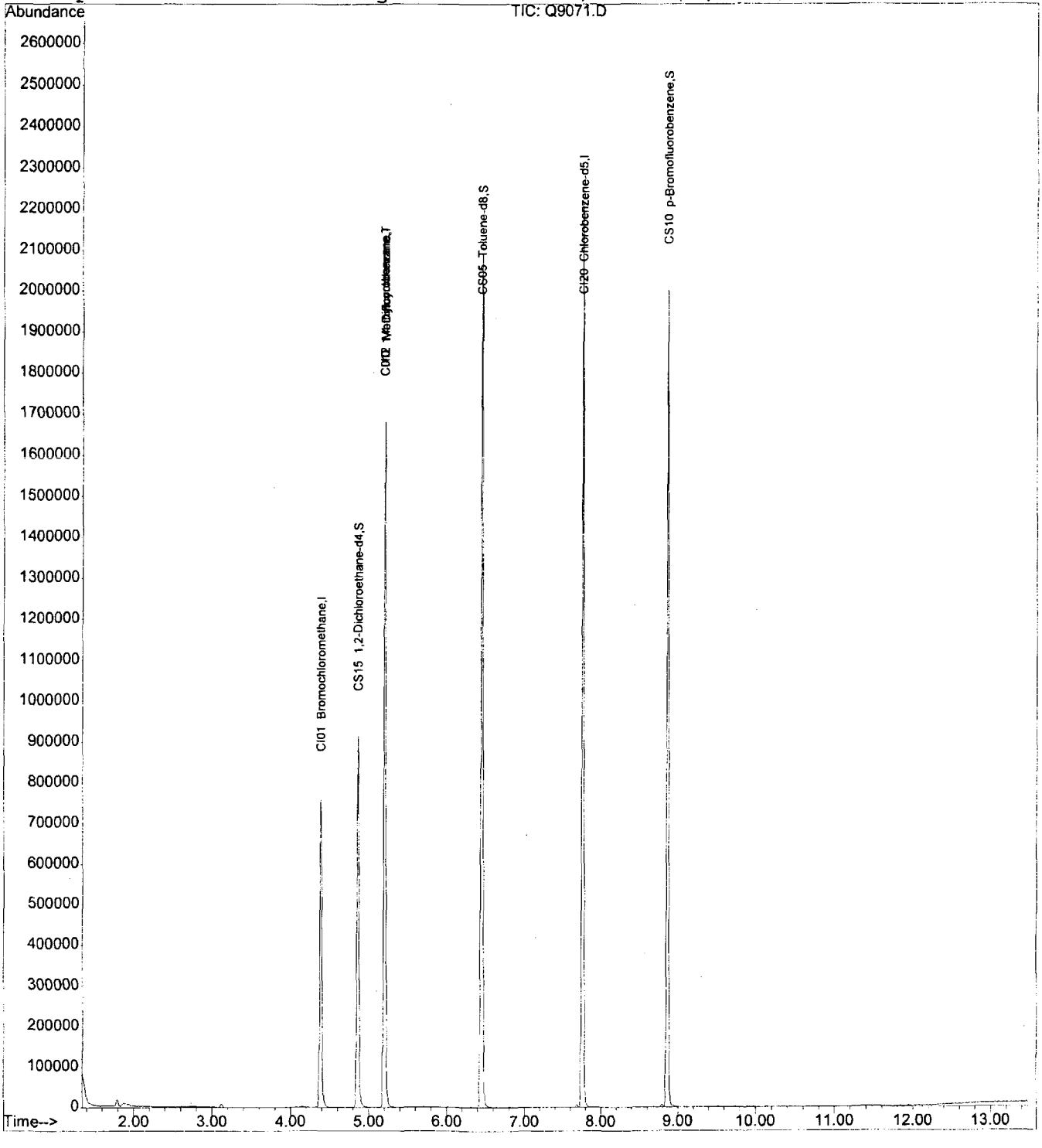
Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030907\Q9071.D Vial: 28
Acq On : 9 Mar 2007 23:40 Operator: JLG
Sample : A7221904 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 5:40 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030907\Q9068.D



Quantitation Report STL Buffalo 140/412 (NO TK

Data File : C:\HPCHEM\1\DATA\030907\Q9071.D Vial: 28
Acq On : 9 Mar 2007 23:40 Operator: JLG
Sample : A7221904 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 5:40 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030907\Q9068.D (9 Mar 2007 21:57)

HE = 3/10/07

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.39	128	178904	250.00	ng	0.00 96.63%
22) CI10	1,4-Difluorobenzene	5.20	114	1061936	250.00	ng	0.00 93.80%
36) CI20	Chlorobenzene-d5	7.76	117	1028207	250.00	ng	0.00 91.00%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	724088	252.97	ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery =	101.19%		
42) CS05	Toluene-d8	6.45	98	1211486	255.13	ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery =	102.05%		
48) CS10	p-Bromofluorobenzene	8.86	95	530987	245.25	ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery =	98.10%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	1.56	50	153	N.D.		
4) C015	Bromomethane	1.94	94	644	N.D.		
5) C020	Vinyl Chloride	1.80	62	167	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C030	Methylene Chloride	3.12	84	2639	N.D.		
8) C035	Acetone	2.76	43	2714	N.D.		
9) C040	Carbon Disulfide	2.87	76	277	N.D.		
10) C275	Trichlorofluorometha	0.00	101	0	N.D.		
11) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
12) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
13) C962	T-butyl methyl ether	0.00	73	0	N.D.		
14) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
15) C255	Methyl Acetate	3.04	43	154	N.D.		
16) C057	trans-1,2-dichloroet	0.00	96	0	N.D.		
17) C056	cis-1,2-Dichloroethe	4.39	96	334	N.D.		
18) C060	Chloroform	4.45	83	139	N.D.		
20) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
21) C110	2-Butanone	4.20	43	132	N.D.		
23) C256	Cyclohexane	0.00	56	0	N.D.		
24) C012	Methylcyclohexane	5.20	83	17602	10.40	ng	# 30
25) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
26) C120	Carbon Tetrachloride	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration

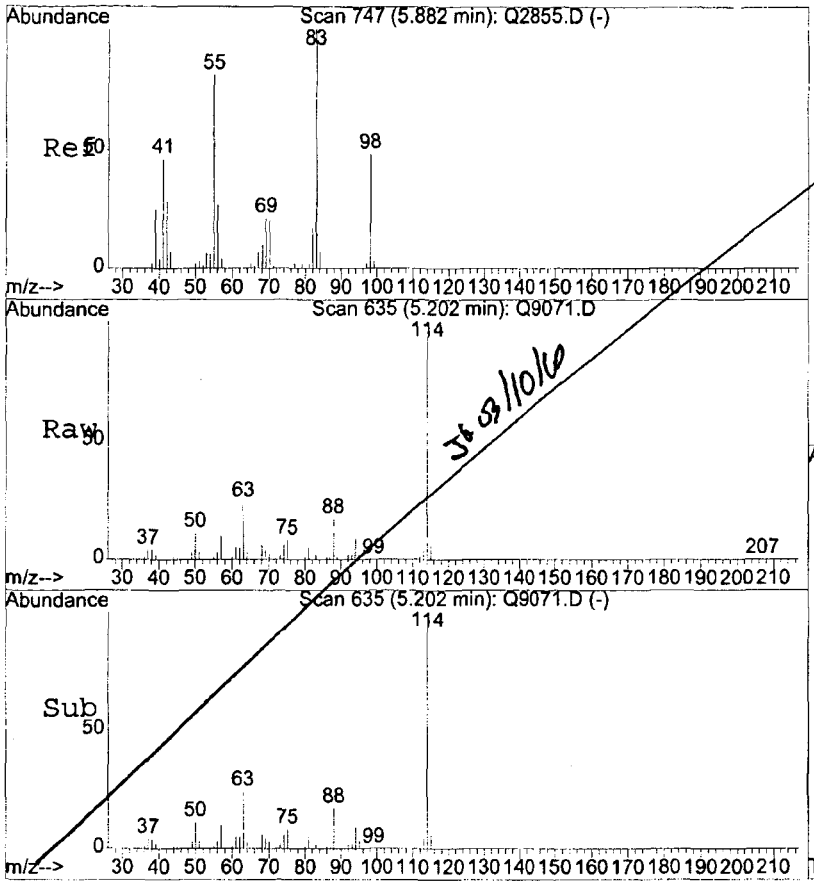
Data File : C:\HPCHEM\1\DATA\030907\Q9071.D Vial: 28
Acq On : 9 Mar 2007 23:40 Operator: JLG
Sample : A7221904 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 5:40 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
27)	C130	Bromodichloromethane	6.46	83	1415	N.D.	
28)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
29)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
30)	C150	Trichloroethene	0.00	130	0	N.D.	
31)	C165	Benzene	4.89	78	128	N.D.	
32)	C155	Dibromochloromethane	6.98	129	130	N.D.	
33)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	97	0	N.D.	
35)	C180	Bromoform	0.00	173	0	N.D.	
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
38)	C210	4-Methyl-2-Pentanone	6.45	43	9044	N.D.	
39)	C215	2-Hexanone	7.77	43	1568	N.D.	
40)	C220	Tetrachloroethene	6.99	164	179	N.D.	
41)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
43)	C230	Toluene	6.50	91	682	N.D.	
44)	C235	Chlorobenzene	7.78	112	151	N.D.	
45)	C240	Ethylbenzene	0.00	106	0	N.D.	
46)	C246	m,p-Xylene	0.00	106	0	N.D.	
47)	C247	o-Xylene	8.86	106	2700	N.D.	
49)	C245	Styrene	8.86	104	2494	N.D.	
50)	C966	Isopropylbenzene	8.69	105	142	N.D.	
51)	C260	1,3-Dichlorobenzene	9.97	146	130	N.D.	
52)	C267	1,4-Dichlorobenzene	9.97	146	130	N.D.	
53)	C249	1,2-Dichlorobenzene	9.97	146	130	N.D.	
54)	C286	1,2-Dibromo-3-chloro	0.00	75	0	N.D.	
55)	C313	1,2,4-Trichlorobenze	11.58	180	561	N.D.	

3/16

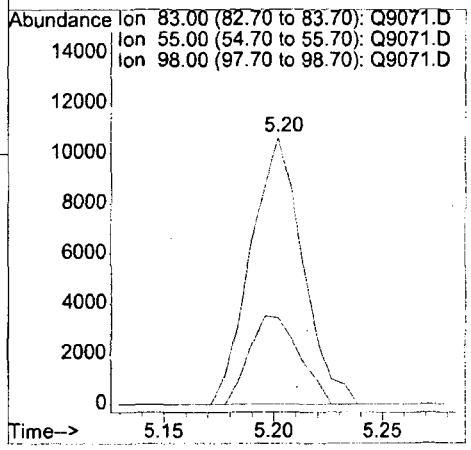
(#) = qualifier out of range (m) = manual integration



#24
C012 Methylcyclohexane
Concen: 10.40 ng
RT: 5.20 min Scan# 635
Delta R.T. -0.34 min
Lab File: Q9071.D
Acq: 9 Mar 2007 23:40

Tgt Ion: 83 Resp: 17602

Ion	Ratio	Lower	Upper
83	100		
55	31.7	81.0	121.6#
98	0.0	38.9	58.3#



Tentatively Identified Compound (LSC) summary

Operator ID: JLG Date Acquired: 9 Mar 2007 23:40
Data File: C:\HPCHEM\1\DATA\030907\Q9071.D
Name: A7221904
Misc:
Method: C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title: CLPOLM04.2 WATERS
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Q9071.D A7I00174.M Sat Mar 10 13:27:42 2007 HP5973-Q

Standards

VOLATILE 3/90, CLP OLM3.2, ASP '91
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A7I0000174-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Intrument ID: HP5973Q Calibration Dates(s): 03/05/2007 03/05/2007

Heated Purge (Y/N): N Calibration Times: 12:48 14:41

GC Column: DBS-624 ID: 0.18(mm)

Lab File ID: RRF10 = Q8991.RR RRF20 = Q8990.RR
RRF50 = Q8989.RR RRF100 = Q8988.RR RRF200 = Q8987.RR

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	AVG RRF	% RSD
Chloromethane		1.815	1.794	1.718	1.720	1.699	1.7490	3.000
Bromomethane	*	0.974	1.035	0.935	0.637	0.482	0.8130	29.600*
Vinyl chloride	*	1.560	1.627	1.452	1.524	1.484	1.5300	4.400*
Chloroethane		1.115	1.207	1.218	1.307	0.745	1.1180	19.600
Methylene chloride		1.750	1.799	1.729	1.743	1.749	1.7540	1.500
Acetone		1.489	1.639	1.720	1.811	1.870	1.7060	8.800
Carbon Disulfide		4.390	4.631	4.477	4.720	4.773	4.5980	3.500
1,1-Dichloroethene	*	1.433	1.509	1.402	1.528	1.581	1.4910	4.900*
1,1-Dichloroethane		3.174	3.382	3.371	3.400	3.445	3.3540	3.100
cis-1,2-Dichloroethene		1.675	1.766	1.804	1.818	1.878	1.7880	4.200
trans-1,2-Dichloroethene		1.556	1.639	1.605	1.678	1.779	1.6510	5.100
Chloroform	*	3.545	3.761	3.707	3.710	3.697	3.6840	2.200*
1,2-Dichloroethane	*	3.964	4.193	4.184	4.147	4.118	4.1210	2.200*
2-Butanone		1.414	1.568	1.690	1.783	1.858	1.6630	10.600
1,1,1-Trichloroethane	*	0.593	0.627	0.594	0.628	0.625	0.6140	3.000*
Carbon Tetrachloride	*	0.487	0.520	0.495	0.541	0.543	0.5170	5.000*
Bromodichloromethane	*	0.433	0.464	0.482	0.497	0.504	0.4760	6.000*
1,2-Dichloropropane		0.254	0.275	0.277	0.285	0.296	0.2770	5.600
cis-1,3-Dichloropropene	*	0.490	0.530	0.544	0.562	0.576	0.5400	6.200*
1,2-Dibromo-3-chloropropane		0.089	0.097	0.110	0.116	0.110	0.1050	10.600
Trichloroethene	*	0.321	0.336	0.333	0.348	0.356	0.3390	4.000*
Dibromochloromethane	*	0.340	0.379	0.395	0.413	0.422	0.3900	8.400*
1,1,2-Trichloroethane	*	0.268	0.286	0.294	0.302	0.311	0.2920	5.700*
Benzene	*	1.037	1.106	1.106	1.158	1.183	1.1180	5.000*
trans-1,3-Dichloropropene	*	0.518	0.571	0.591	0.612	0.622	0.5830	7.100*
Bromoform	*	0.247	0.286	0.312	0.335	0.347	0.3060	13.100*
4-Methyl-2-pentanone		0.442	0.495	0.516	0.525	0.535	0.5020	7.400
2-Hexanone		0.376	0.435	0.472	0.488	0.494	0.4530	10.800
Tetrachloroethene	*	0.322	0.342	0.325	0.343	0.352	0.3370	3.800*
Toluene	*	1.274	1.345	1.338	1.375	1.338	1.3340	2.800*
1,1,2,2-Tetrachloroethane	*	0.357	0.397	0.408	0.416	0.418	0.3990	6.200*
Chlorobenzene	*	0.912	0.957	0.961	0.988	0.982	0.9600	3.100*
Ethylbenzene	*	0.454	0.488	0.487	0.507	0.527	0.4930	5.500*
Styrene	*	0.924	1.006	1.029	1.070	1.081	1.0220	6.100*
Total Xylenes	*	0.557	0.596	0.604	0.633	0.659	0.6100	6.400*
1,2-Dichlorobenzene		0.763	0.788	0.792	0.822	0.811	0.7950	2.900
1,3-Dichlorobenzene		0.798	0.817	0.825	0.855	0.843	0.8270	2.700

VOLATILE 3/90, CLP OLM3.2, ASP '91
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A7I0000174-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Intrument ID: HP5973Q Calibration Dates(s): 03/05/2007 03/05/2007

Heated Purge (Y/N): N Calibration Times: 12:48 14:41

GC Column: DBS-624 ID: 0.18(mm)

Lab File ID: RRF10 = Q8991.RR RRF20 = Q8990.RR
RRF50 = Q8989.RR RRF100 = Q8988.RR RRF200 = Q8987.RR

COMPOUND		RRF10	RRF20	RRF50	RRF100	RRF200	AVG RRF	% RSD
1,4-Dichlorobenzene		0.812	0.827	0.846	0.880	0.863	0.8450	3.200
1,2-Dibromoethane		0.340	0.350	0.361	0.364	0.372	0.3570	3.400
Dichlorodifluoromethane		1.473	1.582	1.412	1.632	1.625	1.5450	6.300
Trichlorofluoromethane		2.984	3.215	2.859	3.059	2.880	2.9990	4.800
Methyl acetate		2.121	2.140	2.194	2.209	2.244	2.1810	2.300
Cyclohexane		0.401	0.438	0.404	0.475	0.498	0.4430	9.700
Methyl-t-Butyl Ether (MTBE)		6.725	6.900	7.004	7.101	7.116	6.9690	2.300
1,1,2-Trichloro-1,2,2-trifl		1.530	1.659	1.503	1.662	1.694	1.6100	5.400
Isopropylbenzene		1.576	1.620	1.602	1.668	1.539	1.6010	3.000
1,2,4-Trichlorobenzene	*	0.391	0.446	0.494	0.514	0.495	0.4680	10.600*
Methylcyclohexane		0.377	0.407	0.373	0.437	0.441	0.4070	7.900
1,2-Dichloroethane-D4		3.345	3.430	3.157	3.168	3.185	3.2570	3.800
Toluene-D8		1.189	1.214	1.224	1.225	1.216	1.2140	1.200
p-Bromofluorobenzene	*	0.505	0.507	0.494	0.505	0.522	0.5070	2.000*

Comments:

ıte: 03/05/2007 ICC Profile Page: 1
ime: 16:13:12 Rept: AN0287R

:C Profile Code: A00066 VOA CLP 3/90, OLM3.2 ASP91 CALIBRATION DATA
Fraction: NV

› of Points: 5 Default Min. RRF: 0.0100 QC Approver: CAS
CCC Conc: 250.00 QC Date: 07/26/2005

ɔmments:

			ng On Column				
eg		Parameter	Point 1	Point 2	Point 3	Point 4	Point 5
10	74-87-3	Chloromethane	50.0000	100.0000	250.0000	500.0000	1000.0000
20	74-83-9	Bromomethane	50.0000	100.0000	250.0000	500.0000	1000.0000
30	75-01-4	Vinyl chloride	50.0000	100.0000	250.0000	500.0000	1000.0000
40	75-00-3	Chloroethane	50.0000	100.0000	250.0000	500.0000	1000.0000
50	75-09-2	Methylene chloride	50.0000	100.0000	250.0000	500.0000	1000.0000
60	67-64-1	Acetone	50.0000	100.0000	250.0000	500.0000	1000.0000
70	75-15-0	Carbon Disulfide	50.0000	100.0000	250.0000	500.0000	1000.0000
80	75-35-4	1,1-Dichloroethene	50.0000	100.0000	250.0000	500.0000	1000.0000
85	98-06-6	tert-Butylbenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
90	75-34-3	1,1-Dichloroethane	50.0000	100.0000	250.0000	500.0000	1000.0000
92	91-20-3	Naphthalene	50.0000	100.0000	250.0000	500.0000	1000.0000
98	156-59-2	cis-1,2-Dichloroethene	50.0000	100.0000	250.0000	500.0000	1000.0000
99	156-60-5	trans-1,2-Dichloroethene	50.0000	100.0000	250.0000	500.0000	1000.0000
00	540-59-0	1,2-Dichloroethene (Total)	100.0000	200.0000	500.0000	1000.0000	2000.0000
10	67-66-3	Chloroform	50.0000	100.0000	250.0000	500.0000	1000.0000
12	135-98-8	sec-Butylbenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
13	104-51-8	n-Butylbenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
14	108-67-8	1,3,5-Trimethylbenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
15	99-87-6	p-Cymene	50.0000	100.0000	250.0000	500.0000	1000.0000
16	95-63-6	1,2,4-Trimethylbenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
20	107-06-2	1,2-Dichloroethane	50.0000	100.0000	250.0000	500.0000	1000.0000
30	78-93-3	2-Butanone	50.0000	100.0000	250.0000	500.0000	1000.0000
40	71-55-6	1,1,1-Trichloroethane	50.0000	100.0000	250.0000	500.0000	1000.0000
50	56-23-5	Carbon Tetrachloride	50.0000	100.0000	250.0000	500.0000	1000.0000
50	75-27-4	Bromodichloromethane	50.0000	100.0000	250.0000	500.0000	1000.0000
70	78-87-5	1,2-Dichloropropane	50.0000	100.0000	250.0000	500.0000	1000.0000
80	10061-01-5	cis-1,3-Dichloropropene	50.0000	100.0000	250.0000	500.0000	1000.0000
85	96-12-8	1,2-Dibromo-3-chloropropane	50.0000	100.0000	250.0000	500.0000	1000.0000
90	79-01-6	Trichloroethene	50.0000	100.0000	250.0000	500.0000	1000.0000
00	124-48-1	Dibromochloromethane	50.0000	100.0000	250.0000	500.0000	1000.0000
10	79-00-5	1,1,2-Trichloroethane	50.0000	100.0000	250.0000	500.0000	1000.0000
20	71-43-2	Benzene	50.0000	100.0000	250.0000	500.0000	1000.0000
50	10061-02-6	trans-1,3-Dichloropropene	50.0000	100.0000	250.0000	500.0000	1000.0000
60	75-25-2	Bromoform	50.0000	100.0000	250.0000	500.0000	1000.0000
60	108-10-1	4-Methyl-2-pentanone	50.0000	100.0000	250.0000	500.0000	1000.0000
50	591-78-6	2-Hexanone	50.0000	100.0000	250.0000	500.0000	1000.0000
70	127-18-4	Tetrachloroethene	50.0000	100.0000	250.0000	500.0000	1000.0000
80	108-88-3	Toluene	50.0000	100.0000	250.0000	500.0000	1000.0000
90	79-34-5	1,1,2,2-Tetrachloroethane	50.0000	100.0000	250.0000	500.0000	1000.0000
00	108-90-7	Chlorobenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
10	100-41-4	Ethylbenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
20	100-42-5	Styrene	50.0000	100.0000	250.0000	500.0000	1000.0000
28	M/P XYLENE	m/p-Xylenes	100.0000	200.0000	500.0000	1000.0000	2000.0000
29	95-47-6	o-Xylene	50.0000	100.0000	250.0000	500.0000	1000.0000
30	1330-20-7	Total Xylenes	150.0000	300.0000	750.0000	1500.0000	3000.0000
40	SU107-06-2	1,2-Dichloroethane-D4	50.0000	100.0000	250.0000	500.0000	1000.0000
50	2037-26-5	Toluene-D8	50.0000	100.0000	250.0000	500.0000	1000.0000

:C Profile Code: A00066 VOA CLP 3/90, OLM3.2 ASP91 CALIBRATION DATA (continued)

ıg	Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
60	460-00-4 p-Bromofluorobenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
70	74-97-5 Bromochloromethane	0.0000	0.0000	0.0000	0.0000	0.0000
70	74-97-5R Bromochloromethane	250.0000	250.0000	250.0000	250.0000	250.0000
50	540-36-3 1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
90	3114-55-4 Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
00	95-50-1 1,2-Dichlorobenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
10	541-73-1 1,3-Dichlorobenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
20	106-46-7 1,4-Dichlorobenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
21	12/14DCLB 1,2-& 1,4-Dichlorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
60	110-75-8 2-Chloroethylvinyl ether	50.0000	100.0000	250.0000	500.0000	1000.0000
00	108-05-4 Vinyl acetate	250.0000	500.0000	1250.0000	2500.0000	5000.0000
10	542-88-1 Bis(Chloromethyl) Ether (TIC)	50.0000	100.0000	250.0000	500.0000	1000.0000
20	109-99-9 Tetrahydrofuran	250.0000	500.0000	1250.0000	2500.0000	5000.0000
50	74-95-3 Dibromomethane	50.0000	100.0000	250.0000	500.0000	1000.0000
60	106-93-4 1,2-Dibromoethane	50.0000	100.0000	250.0000	500.0000	1000.0000
60	107-05-1 3-Chloropropene (Allyl Chlor.)	50.0000	100.0000	250.0000	500.0000	1000.0000
65	75-71-8 Dichlorodifluoromethane	50.0000	100.0000	250.0000	500.0000	1000.0000
60	630-20-6 1,1,1,2-Tetrachloroethane	50.0000	100.0000	250.0000	500.0000	1000.0000
65	75-69-4 Trichlorofluoromethane	50.0000	100.0000	250.0000	500.0000	1000.0000
75	96-18-4 1,2,3-Trichloropropane	50.0000	100.0000	250.0000	500.0000	1000.0000
80	74-88-4 Iodomethane	50.0000	100.0000	250.0000	500.0000	1000.0000
85	126-99-8 2-Chloro-1,3-butadiene	50.0000	100.0000	250.0000	500.0000	1000.0000
90	110-57-6 trans-1,4-Dichloro-2-butene	50.0000	100.0000	250.0000	500.0000	1000.0000
95	97-63-2 Ethyl methacrylate	50.0000	100.0000	250.0000	500.0000	1000.0000
00	76-01-7 Pentachloroethane	50.0000	100.0000	250.0000	500.0000	1000.0000
05	71-36-3 n-Butyl alcohol	0.0000	0.0000	0.0000	0.0000	0.0000
10	107-12-0 Propionitrile	0.0000	0.0000	0.0000	0.0000	0.0000
15	126-98-7 Methacrylonitrile	50.0000	100.0000	250.0000	500.0000	1000.0000
20	80-62-6 Methyl methacrylate	50.0000	100.0000	250.0000	500.0000	1000.0000
25	78-83-1 Isobutanol	0.0000	0.0000	0.0000	0.0000	0.0000
50	107-02-8 Acrolein	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
55	107-13-1 Acrylonitrile	1000.0000	2000.0000	5000.0000	10000.0000	20000.0000
00	123-91-1 1,4-Dioxane	0.0000	0.0000	0.0000	0.0000	0.0000
05	109-06-8 2-Picoline	0.0000	0.0000	0.0000	0.0000	0.0000
10	110-86-1 Pyridine	0.0000	0.0000	0.0000	0.0000	0.0000
65	60-29-7 Ethyl ether	50.0000	100.0000	250.0000	500.0000	1000.0000
60	75-56-9 Propylene Oxide	0.0000	0.0000	0.0000	0.0000	0.0000
65	75-05-8 Acetonitrile	500.0000	1000.0000	2500.0000	5000.0000	10000.0000
70	79-20-9 Methyl acetate	50.0000	100.0000	250.0000	500.0000	1000.0000
75	110-54-3 Hexane	50.0000	100.0000	250.0000	500.0000	1000.0000
80	108-20-3 Isopropyl Ether (DIPE)	50.0000	100.0000	250.0000	500.0000	1000.0000
85	534-15-6 1,1-Dimethoxyethane	0.0000	0.0000	0.0000	0.0000	0.0000
90	141-78-6 Ethyl acetate	50.0000	100.0000	250.0000	500.0000	1000.0000
00	110-82-7 Cyclohexane	50.0000	100.0000	250.0000	500.0000	1000.0000
10	142-82-5 Heptane	50.0000	100.0000	250.0000	500.0000	1000.0000
15	79-46-9 2-Nitropropane	250.0000	500.0000	1250.0000	2500.0000	5000.0000
20	106-89-8 Epichlorohydrin	0.0000	0.0000	0.0000	0.0000	0.0000
25	123-86-4 n-Butyl acetate	50.0000	100.0000	250.0000	500.0000	1000.0000
60	75-43-4 Dichlorofluoromethane	50.0000	100.0000	250.0000	500.0000	1000.0000
61	88-16-4 o-Monochlorobenzotrifluoride	50.0000	100.0000	250.0000	500.0000	1000.0000
62	98-15-7 m-Monochlorobenzotrifluoride	50.0000	100.0000	250.0000	500.0000	1000.0000
63	98-56-6 p-Monochlorobenzotrifluoride	50.0000	100.0000	250.0000	500.0000	1000.0000

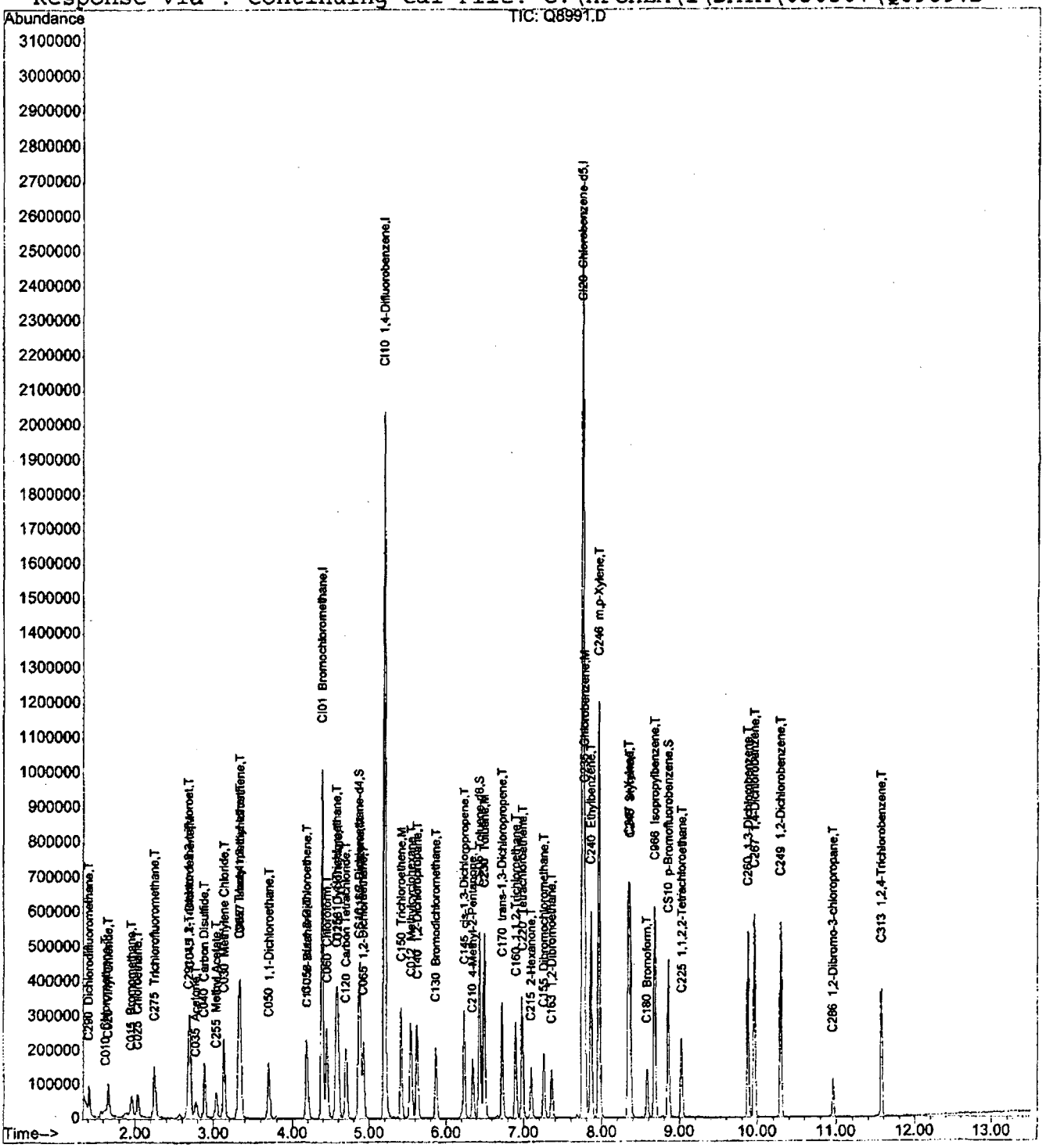
ICC Profile Code: A00066 VOA CLP 3/90, OLM3.2 ASP91 CALIBRATION DATA (continued)

eg		Parameter	ng On Column Point 1	Point 2	Point 3	Point 4	Point 5
54	95-49-8	o-Chlorotoluene	50.0000	100.0000	250.0000	500.0000	1000.0000
55	108-41-8	m-Chlorotoluene	50.0000	100.0000	250.0000	500.0000	1000.0000
56	106-43-4	p-Chlorotoluene	50.0000	100.0000	250.0000	500.0000	1000.0000
38	1634-04-4	Methyl-t-Butyl Ether (MTBE)	50.0000	100.0000	250.0000	500.0000	1000.0000
38	SU106-46-7	1,4-Dichlorobenzene-D4	50.0000	100.0000	250.0000	500.0000	1000.0000
38			50.0000	100.0000	250.0000	500.0000	1000.0000
18	76-13-1	1,1,2-Trichloro-1,2,2-trifluor	50.0000	100.0000	250.0000	500.0000	1000.0000
38	98-82-8	Isopropylbenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
38	120-82-1	1,2,4-Trichlorobenzene	50.0000	100.0000	250.0000	500.0000	1000.0000
38	108-87-2	Methylcyclohexane	50.0000	100.0000	250.0000	500.0000	1000.0000
58	75-45-6	Chlorodifluoromethane	50.0000	100.0000	250.0000	500.0000	1000.0000
78	108-94-1	Cyclohexanone	250.0000	500.0000	1250.0000	2500.0000	5000.0000
38	75-65-0	tert-Butyl Alcohol (TBA)	2000.0000	4000.0000	10000.0000	20000.0000	40000.0000
78	103-65-1	n-Propylbenzene	50.0000	100.0000	250.0000	500.0000	1000.0000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030507\Q8991.D Vial: 9
Acq On : 5 Mar 2007 14:41 Operator: JMB
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:47 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:48:07 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030507\Q8989.D



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8991.D Vial: 9
Acq On : 5 Mar 2007 14:41 Operator: JMB
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:47 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030507\Q8989.D (5 Mar 2007 13:44)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.39	128	243474	250.00	ng	0.00 95.07%
22) CI10	1,4-Difluorobenzene	5.20	114	1441564	250.00	ng	0.00 94.40%
36) CI20	Chlorobenzene-d5	7.75	117	1347038	250.00	ng	0.00 94.58%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	162897	52.98	ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery =	21.19%#		
42) CS05	Toluene-d8	6.44	98	320356	48.57	ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery =	19.43%#		
48) CS10	p-Bromofluorobenzene	8.86	95	136123	51.14	ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery =	20.46%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.42	85	71740	52.17	ng	98
3) C010	Chloromethane	1.62	50	88395m	70.93	ng	96
4) C015	Bromomethane	1.95	94	47423m	58.33	ng	99
5) C020	Vinyl Chloride	1.66	62	75962	53.70	ng	98
6) C025	Chloroethane	2.04	64	54277	45.74	ng	96
7) C030	Methylene Chloride	3.13	84	85213	50.60	ng	91
8) C035	Acetone	2.77	43	72511	43.28	ng	83
9) C040	Carbon Disulfide	2.89	76	213783	49.03	ng	100
10) C275	Trichlorofluorometha	2.25	101	145315	52.19	ng	100
11) C045	1,1-Dichloroethene	2.70	96	69778	51.10	ng	# 81
12) C291	1,1,2-Trichloro-1,2,	2.68	101	74506	50.89	ng	# 82
13) C962	T-butyl methyl ether	3.32	73	327460	48.01	ng	# 92
14) C050	1,1-Dichloroethane	3.70	63	154540	47.07	ng	96
15) C255	Methyl Acetate	3.03	43	103279	48.35	ng	91
16) C057	trans-1,2-dichloroet	3.34	96	75777	48.47	ng	# 87
17) C056	cis-1,2-Dichloroethe	4.18	96	81585	46.45	ng	96
18) C060	Chloroform	4.45	83	172599	47.81	ng	95
20) C065	1,2-Dichloroethane	4.92	62	193039	47.37	ng	98
21) C110	2-Butanone	4.20	43	68863	41.84	ng	98
23) C256	Cyclohexane	4.59	56	115518	49.65	ng	97
24) C012	Methylcyclohexane	5.54	83	108718	50.60	ng	91
25) C115	1,1,1-Trichloroethan	4.57	97	171036	49.91	ng	96
26) C120	Carbon Tetrachloride	4.70	117	140514	49.26	ng	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8991.D Vial: 9
Acq On : 5 Mar 2007 14:41 Operator: JMB
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:47 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA

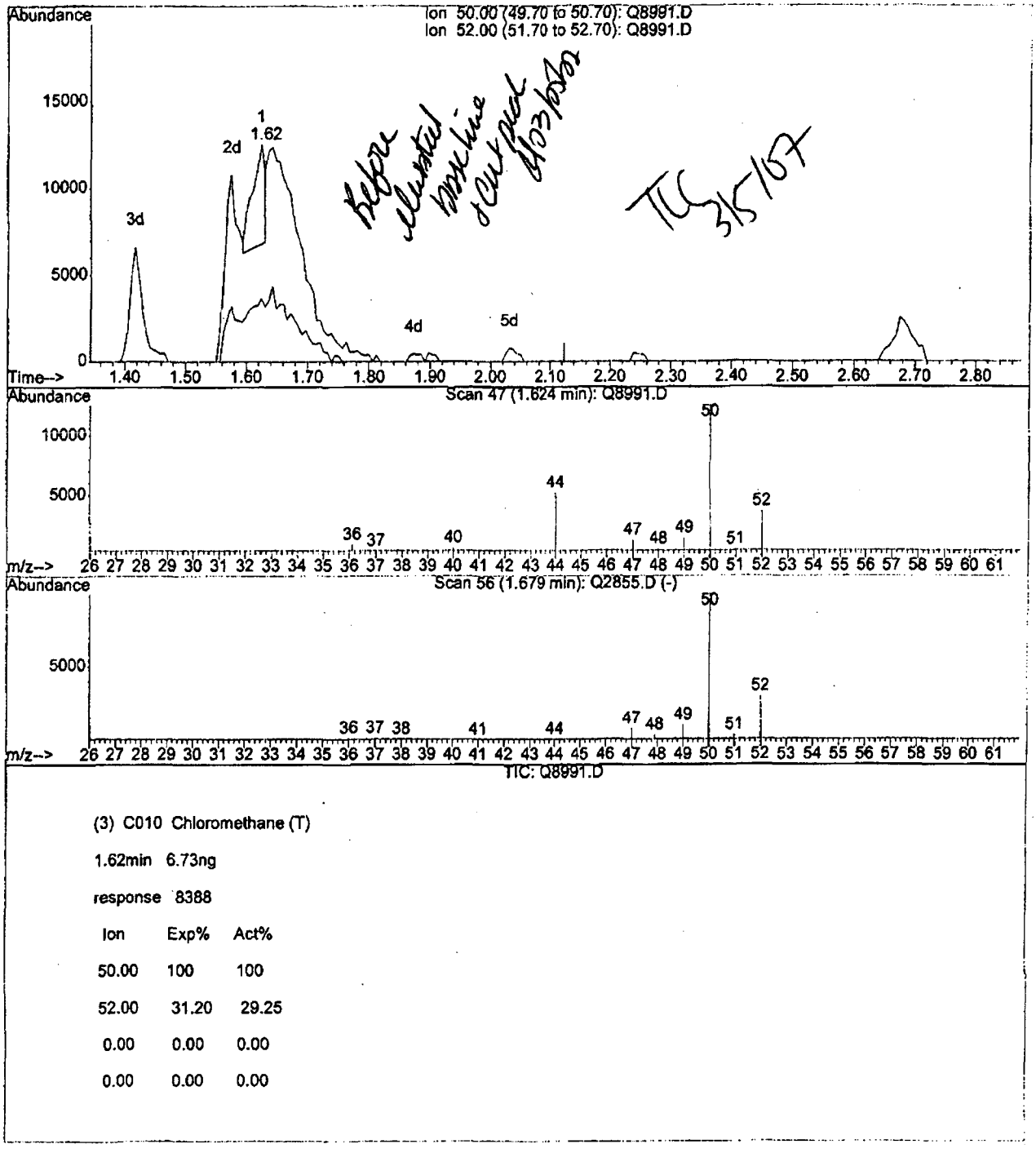
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
27)	C130	Bromodichloromethane	5.86	83	124793	44.93	ng		96
28)	C140	1,2-Dichloropropane	5.62	63	73157	45.85	ng		98
29)	C145	cis-1,3-Dichloroprop	6.23	75	141205	45.04	ng		98
30)	C150	Trichloroethene	5.41	130	92466	48.11	ng		98
31)	C165	Benzene	4.88	78	299034	46.88	ng		94
32)	C155	Dibromochloromethane	7.26	129	97938	43.01	ng		99
33)	C170	trans-1,3-Dichloropr	6.73	75	149338	43.83	ng		98
34)	C160	1,1,2-Trichloroethan	6.90	97	77276	45.58	ng		95
35)	C180	Bromoform	8.58	173	71306	39.60	ng		98
37)	C163	1,2-Dibromoethane	7.35	107	91712	47.21	ng		98
38)	C210	4-Methyl-2-Pentanone	6.35	43	118985	42.81	ng		99
39)	C215	2-Hexanone	7.09	43	101211	39.81	ng		95
40)	C220	Tetrachloroethene	6.98	164	86698	49.54	ng	#	95
41)	C225	1,1,2,2-Tetrachloroe	9.02	83	96246	43.76	ng		94
43)	C230	Toluene	6.50	91	343203	47.62	ng		95
44)	C235	Chlorobenzene	7.78	112	245767	47.48	ng		97
45)	C240	Ethylbenzene	7.86	106	122296	46.57	ng		97
46)	C246	m,p-Xylene	7.96	106	313626	92.48	ng		97
47)	C247	o-Xylene	8.34	106	149970	46.11	ng		97
49)	C245	Styrene	8.36	104	249019	44.93	ng		98
50)	C966	Isopropylbenzene	8.68	105	424448	49.16	ng		96
51)	C260	1,3-Dichlorobenzene	9.88	146	214931	48.35	ng		97
52)	C267	1,4-Dichlorobenzene	9.96	146	218680	47.96	ng		96
53)	C249	1,2-Dichlorobenzene	10.29	146	205588	48.20	ng		94
54)	C286	1,2-Dibromo-3-chloro	10.96	75	24071	40.51	ng		93
55)	C313	1,2,4-Trichlorobenze	11.58	180	105372	39.57	ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8991.D Vial: 9
Acq On : 5 Mar 2007 14:41 Operator: JMB
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:44 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



(3) C010 Chloromethane (T)

1.62min 6.73ng

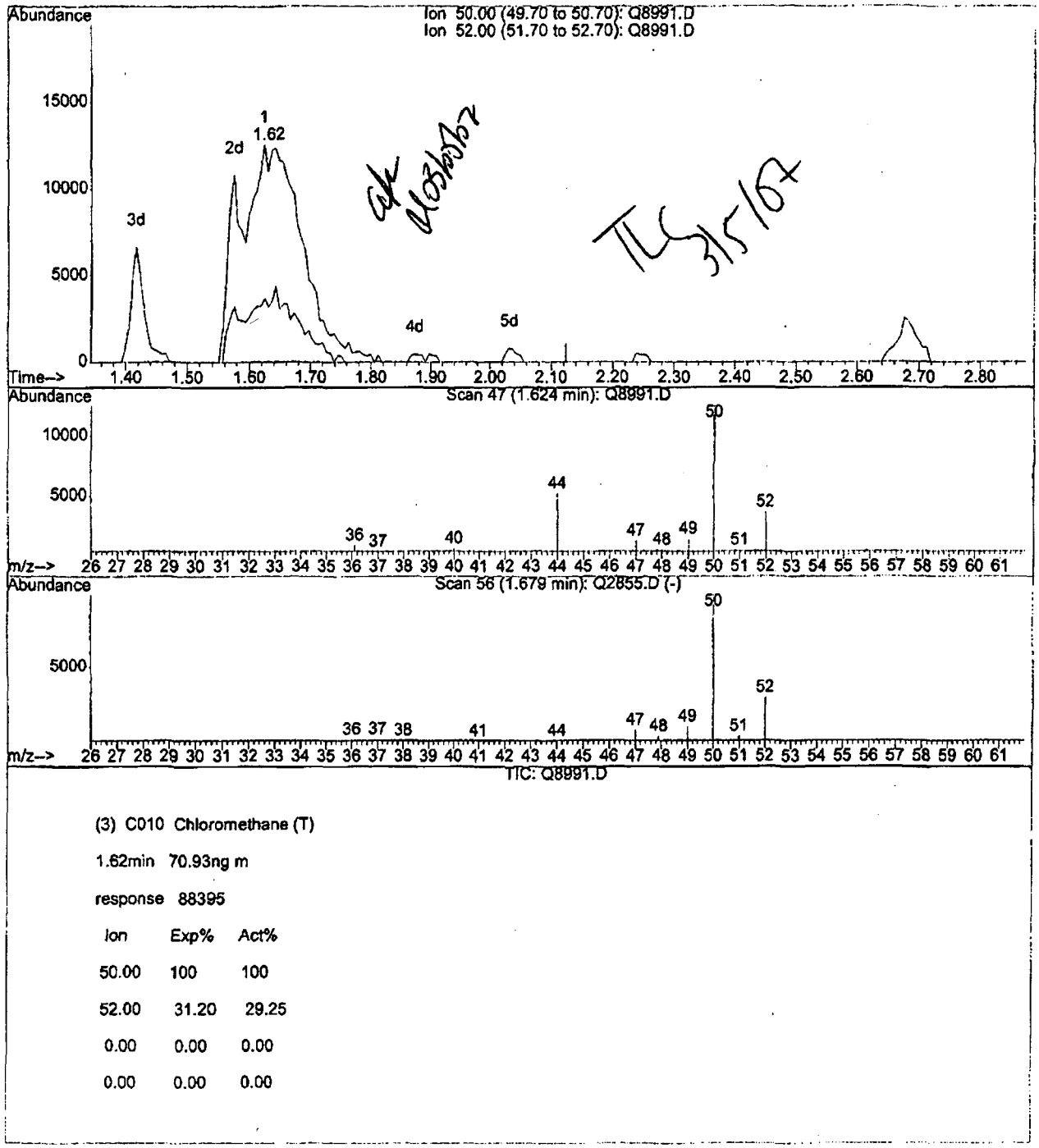
response 8388

Ion	Exp%	Act%
50.00	100	100
52.00	31.20	29.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8991.D Vial: 9
Acq On : 5 Mar 2007 14:41 Operator: JMB
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



(3) C010 Chloromethane (T)

1.62min 70.93ng m

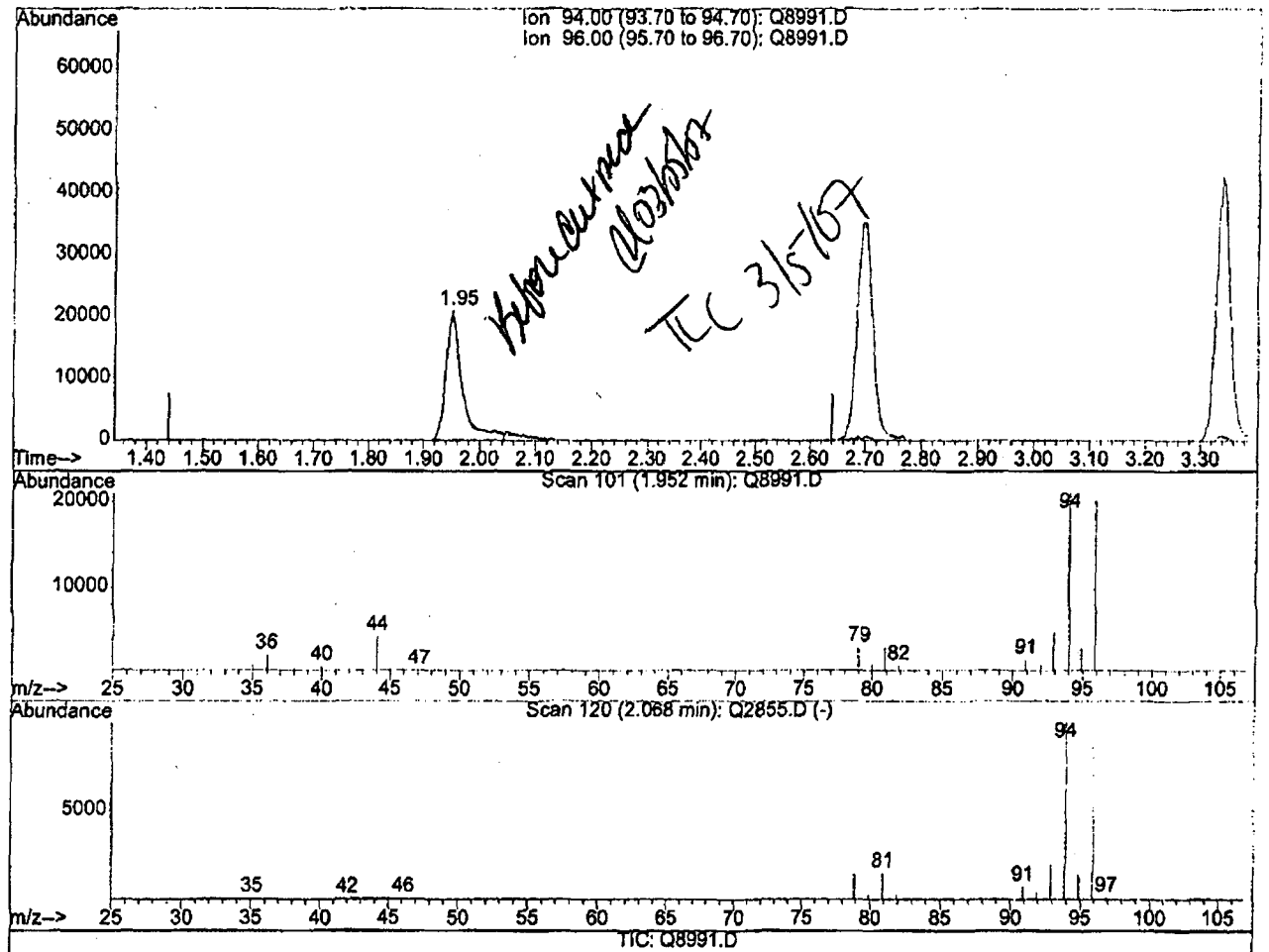
response 88395

Ion	Exp%	Act%
50.00	100	100
52.00	31.20	29.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8991.D Vial: 9
Acq On : 5 Mar 2007 14:41 Operator: JMB
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



(4) C015 Bromomethane (T)

1.95min 54.21ng

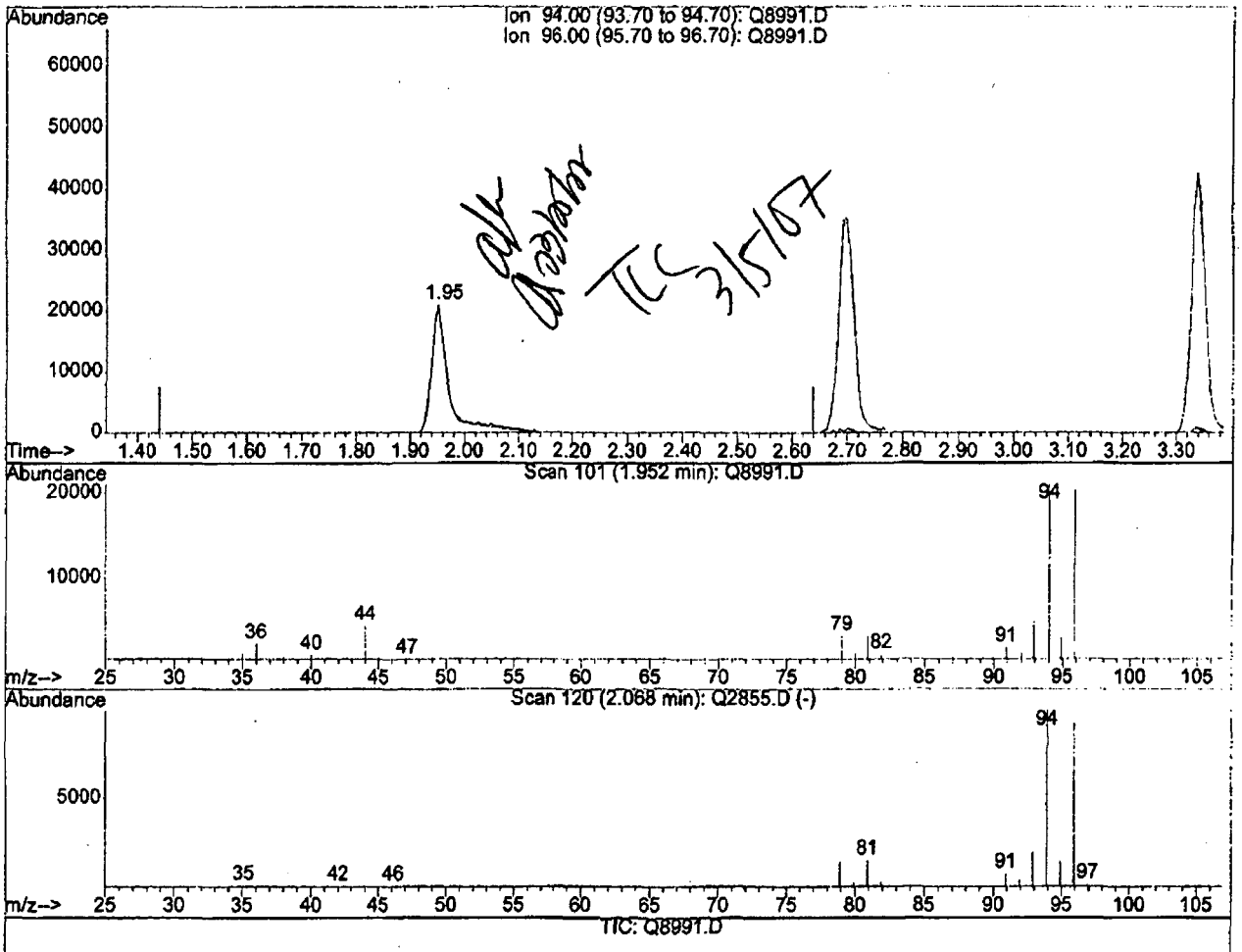
response 44074

Ion	Exp%	Act%
94.00	100	100
96.00	98.10	96.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8991.D Vial: 9
Acq On : 5 Mar 2007 14:41 Operator: JMB
Sample : VSTD010 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:47 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



(4) C015 Bromomethane (T)

1.95min 58.33ng m

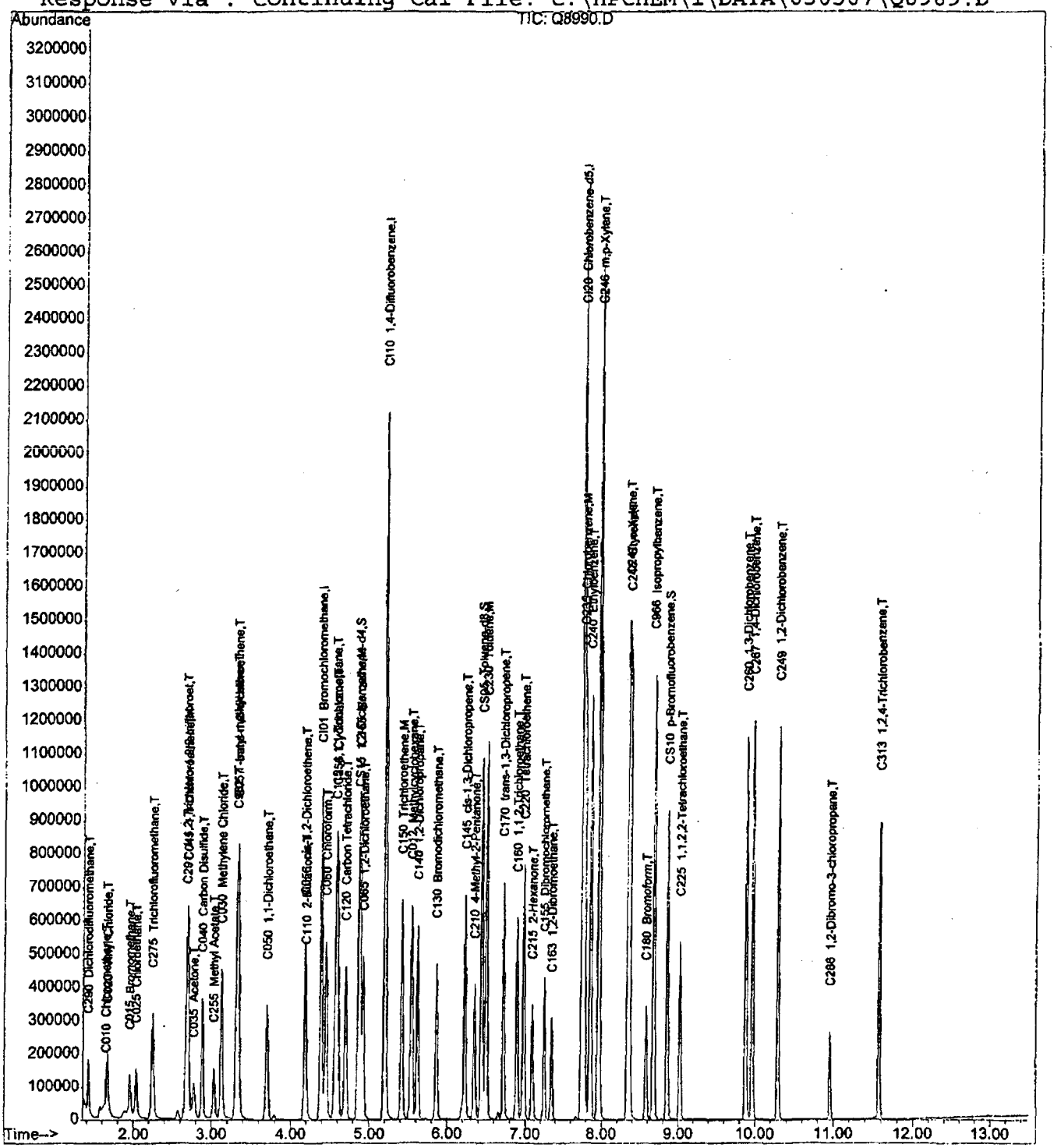
response 47423

Ion	Exp%	Act%
94.00	100	100
96.00	98.10	96.66
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030507\Q8990.D Vial: 8
Acq On : 5 Mar 2007 14:13 Operator: JMB
Sample : VSTD020 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:48:07 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030507\Q8989.D



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8990.D Vial: 8
Acq On : 5 Mar 2007 14:13 Operator: JMB
Sample : VSTD020 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030507\Q8989.D (5 Mar 2007 13:44)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.39	128	248582	250.00	ng	0.00 97.07%
22) CI10	1,4-Difluorobenzene	5.20	114	1483423	250.00	ng	0.00 97.14%
36) CI20	Chlorobenzene-d5	7.75	117	1375291	250.00	ng	0.00 96.56%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	341007	108.63	ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery =	43.45%#		
42) CS05	Toluene-d8	6.44	98	667749	99.17	ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery =	39.67%#		
48) CS10	p-Bromofluorobenzene	8.86	95	278904	102.63	ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery =	41.05%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.42	85	157276	112.01	ng	99
3) C010	Chloromethane	1.64	50	178359m	140.17	ng	92
4) C015	Bromomethane	1.95	94	102954m	124.03	ng	94
5) C020	Vinyl Chloride	1.66	62	161803	112.04	ng	98
6) C025	Chloroethane	2.03	64	119987	99.04	ng	95
7) C030	Methylene Chloride	3.13	84	178848	104.02	ng	91
8) C035	Acetone	2.77	43	162940	95.25	ng	81
9) C040	Carbon Disulfide	2.88	76	460468	103.44	ng	100
10) C275	Trichlorofluorometha	2.24	101	319713	112.47	ng	99
11) C045	1,1-Dichloroethene	2.69	96	150036	107.62	ng	# 79
12) C291	1,1,2-Trichloro-1,2,	2.68	101	164960	110.35	ng	84
13) C962	T-butyl methyl ether	3.32	73	686088	98.52	ng	# 93
14) C050	1,1-Dichloroethane	3.70	63	336268	100.31	ng	95
15) C255	Methyl Acetate	3.03	43	212791	97.57	ng	91
16) C057	trans-1,2-dichloroet	3.33	96	162963	102.11	ng	# 88
17) C056	cis-1,2-Dichloroethe	4.18	96	175602	97.92	ng	90
18) C060	Chloroform	4.45	83	374005	101.48	ng	94
20) C065	1,2-Dichloroethane	4.92	62	416956	100.22	ng	99
21) C110	2-Butanone	4.20	43	155892	92.78	ng	99
23) C256	Cyclohexane	4.59	56	259876	108.55	ng	96
24) C012	Methylcyclohexane	5.54	83	241265	109.13	ng	92
25) C115	1,1,1-Trichloroethan	4.57	97	371925	105.47	ng	98
26) C120	Carbon Tetrachloride	4.70	117	308325	105.04	ng	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8990.D Vial: 8
Acq On : 5 Mar 2007 14:13 Operator: JMB
Sample : VSTD020 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA

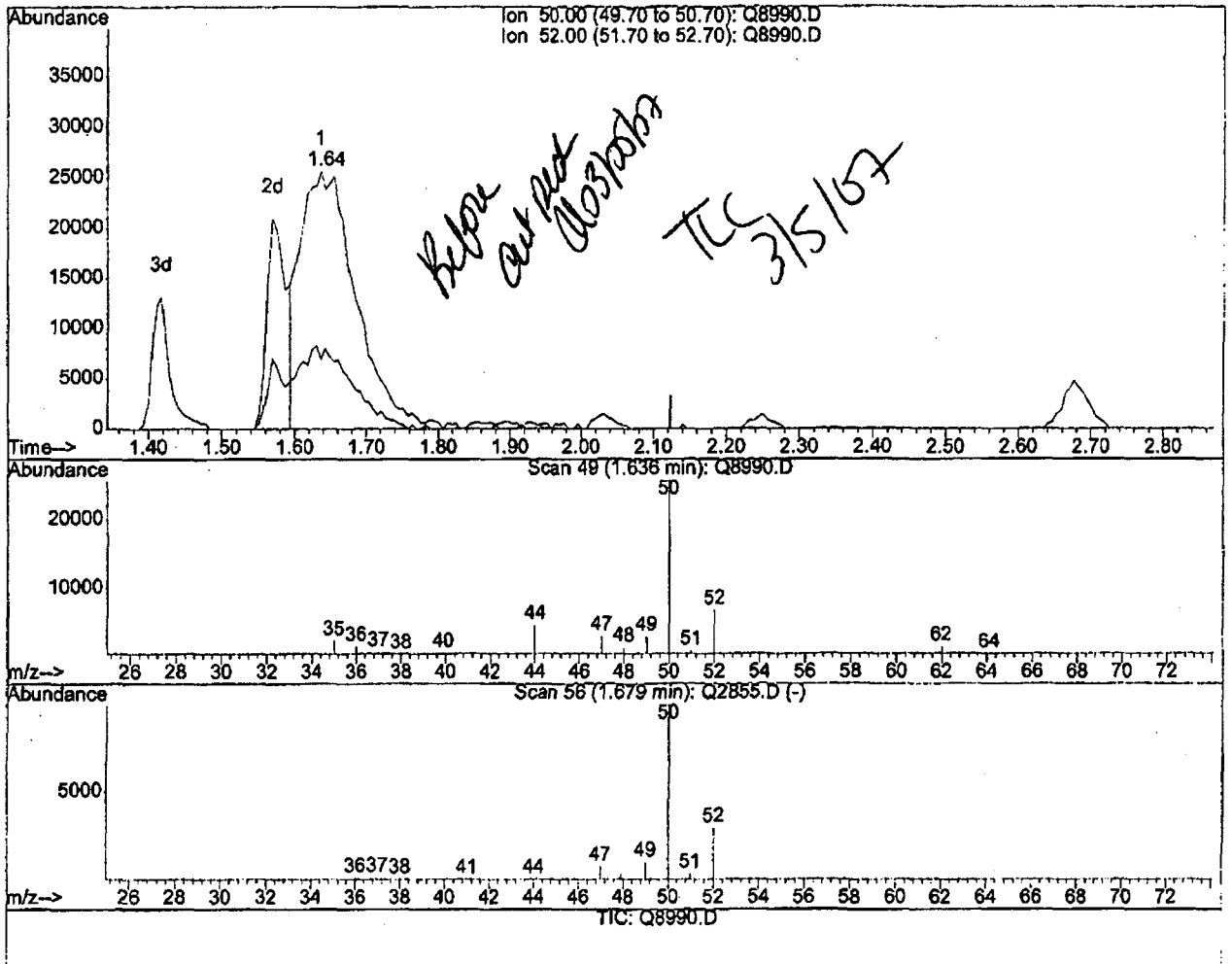
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
27)	C130	Bromodichloromethane	5.86	83	275274	96.31	ng		93
28)	C140	1,2-Dichloropropane	5.61	63	163206	99.41	ng		99
29)	C145	cis-1,3-Dichloroprop	6.24	75	314270	97.42	ng		97
30)	C150	Trichloroethene	5.41	130	199104	100.67	ng		94
31)	C165	Benzene	4.88	78	656344	99.98	ng		96
32)	C155	Dibromochloromethane	7.25	129	224632	95.87	ng		98
33)	C170	trans-1,3-Dichloropr	6.73	75	338582	96.56	ng		100
34)	C160	1,1,2-Trichloroethan	6.89	97	169522	97.17	ng		99
35)	C180	Bromoform	8.58	173	169931	91.70	ng		98
37)	C163	1,2-Dibromoethane	7.35	107	192777	97.20	ng		99
38)	C210	4-Methyl-2-Pentanone	6.35	43	272150	95.91	ng		99
39)	C215	2-Hexanone	7.09	43	239105	92.12	ng		94
40)	C220	Tetrachloroethene	6.98	164	187957	105.18	ng	#	92
41)	C225	1,1,2,2-Tetrachloroe	9.02	83	218384	97.26	ng		97
43)	C230	Toluene	6.50	91	739686	100.53	ng		94
44)	C235	Chlorobenzene	7.78	112	526196	99.56	ng		98
45)	C240	Ethylbenzene	7.86	106	268472	100.13	ng		99
46)	C246	m,p-Xylene	7.96	106	676015	195.24	ng		94
47)	C247	o-Xylene	8.34	106	327625	98.66	ng		98
49)	C245	Styrene	8.36	104	553144	97.76	ng		96
50)	C966	Isopropylbenzene	8.67	105	891349	101.13	ng		96
51)	C260	1,3-Dichlorobenzene	9.88	146	449246	98.99	ng		98
52)	C267	1,4-Dichlorobenzene	9.96	146	454676	97.67	ng		95
53)	C249	1,2-Dichlorobenzene	10.29	146	433214	99.49	ng		95
54)	C286	1,2-Dibromo-3-chloro	10.96	75	53403	88.02	ng		85
55)	C313	1,2,4-Trichlorobenze	11.57	180	245491	90.30	ng		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8990.D Vial: 8
Acq On : 5 Mar 2007 14:13 Operator: JMB
Sample : VSTD020 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:44 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



(3) C010 Chloromethane (T)

1.64min 108.42ng

response 137949

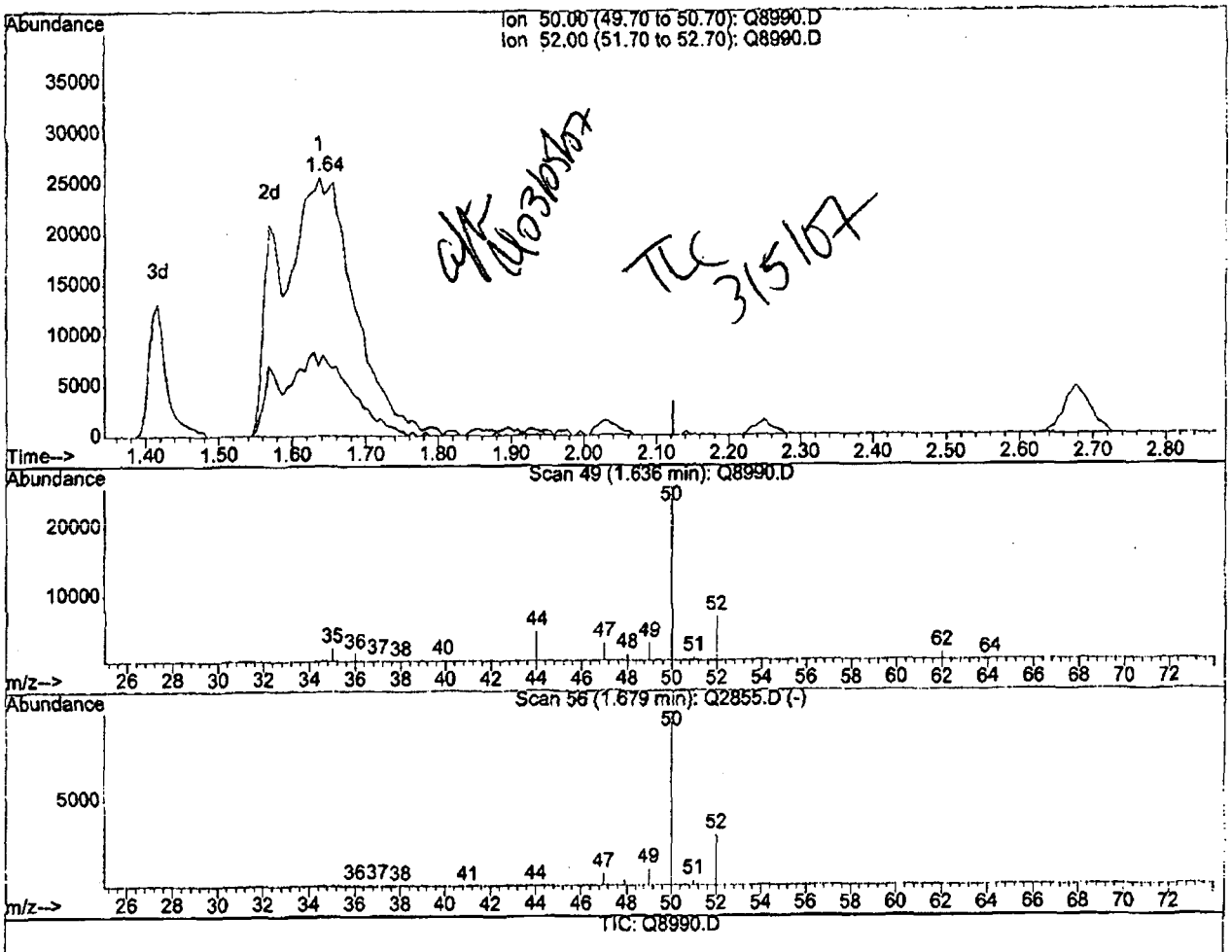
Ion	Exp%	Act%
50.00	100	100
52.00	31.20	26.79
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8990.D
Acq On : 5 Mar 2007 14:13
Sample : VSTD020
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007

Vial: 8
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



TIC: Q8990.D

(3) C010 Chloromethane (T)

1.64min 140.17ng m

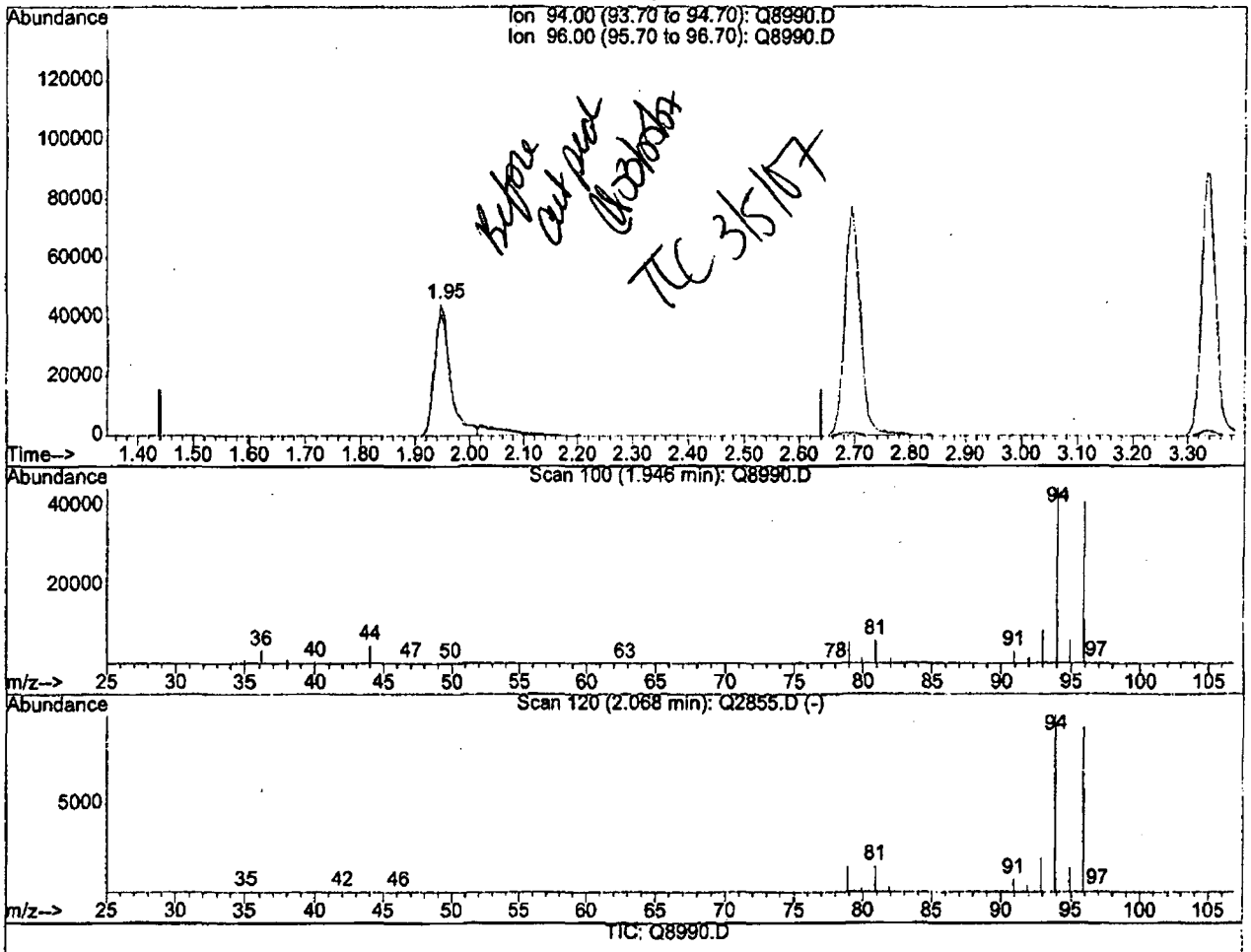
response 178359

Ion	Exp%	Act%
50.00	100	100
52.00	31.20	26.79
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8990.D Vial: 8
Acq On : 5 Mar 2007 14:13 Operator: JMB
Sample : VSTD020 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



TIC: Q8990.D

(4) C015 Bromomethane (T)

1.95min 109.37ng

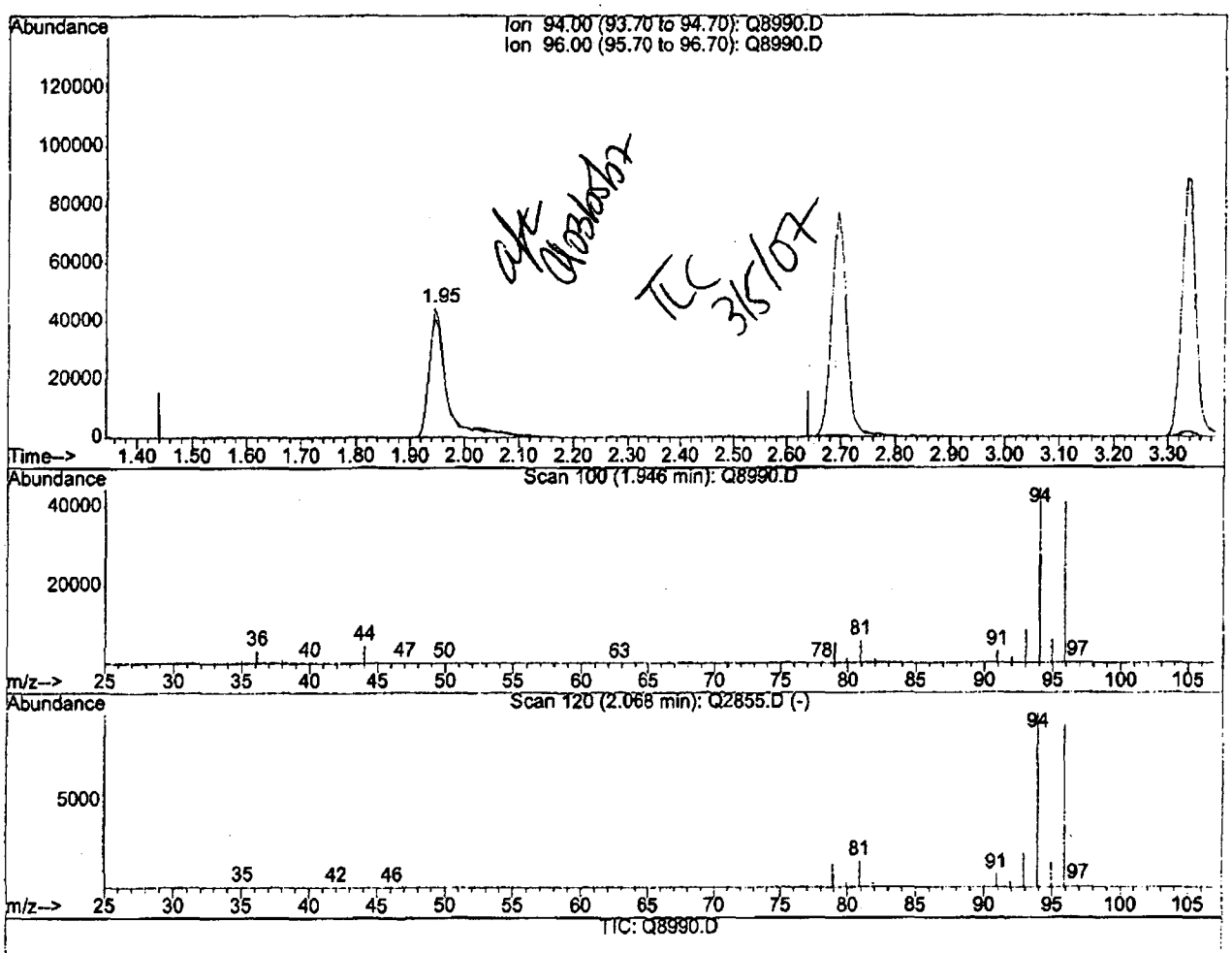
response 90791

Ion	Exp%	Act%
94.00	100	100
96.00	98.10	92.12
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8990.D Vial: 8
Acq On : 5 Mar 2007 14:13 Operator: JMB
Sample : VSTD020 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



TIC: Q8990.D

(4) C015 Bromomethane (T)

1.95min 124.03ng m

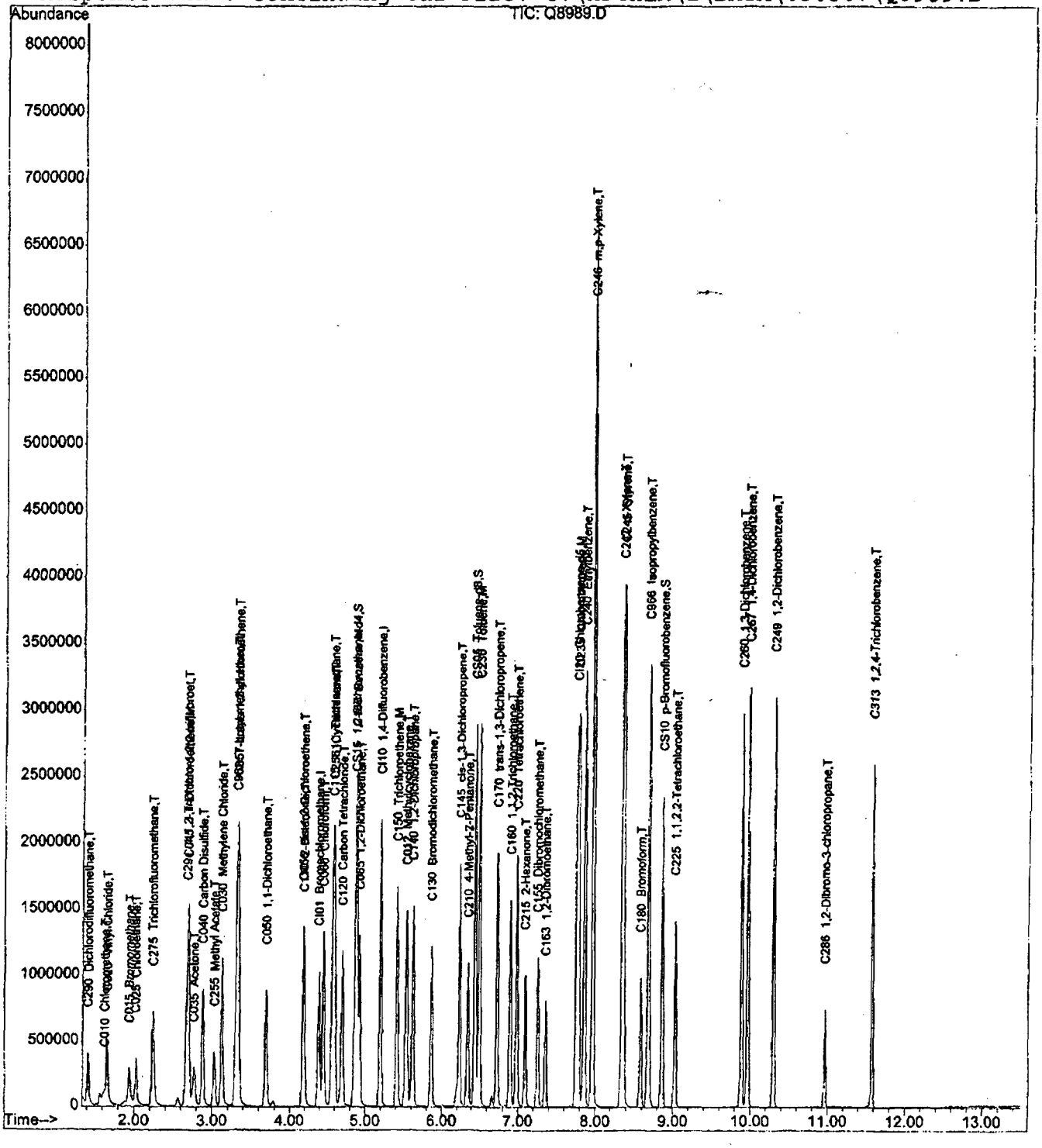
response 102954

Ion	Exp%	Act%
94.00	100	100
96.00	98.10	92.12
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030507\Q8989.D Vial: 7
Acq On : 5 Mar 2007 13:44 Operator: JMB
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:48:07 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030507\Q8989.D



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8989.D Vial: 7
Acq On : 5 Mar 2007 13:44 Operator: JMB
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030507\Q8989.D (5 Mar 2007 13:44)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.39	128	256095	250.00	ng		0.00 100.00%
22) CI10	1,4-Difluorobenzene	5.19	114	1527035	250.00	ng		0.00 100.00%
36) CI20	Chlorobenzene-d5	7.75	117	1424298	250.00	ng		0.00 100.00%
System Monitoring Compounds								
19) CS15	1,2-Dichloroethane-d	4.86	65	808517	250.00	ng		0.00
Spiked Amount	250.000	Range	76 - 114		Recovery =	100.00%		
42) CS05	Toluene-d8	6.44	98	1743370	250.00	ng		0.00
Spiked Amount	250.000	Range	88 - 110		Recovery =	100.00%		
48) CS10	p-Bromofluorobenzene	8.86	95	703598	250.00	ng		0.00
Spiked Amount	250.000	Range	86 - 115		Recovery =	100.00%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.42	85	361633	250.00	ng		100
3) C010	Chloromethane	1.62	50	439836m	335.53	ng		98
4) C015	Bromomethane	1.94	94	239554m	280.12	ng		91
5) C020	Vinyl Chloride	1.66	62	371945	250.00	ng		99
6) C025	Chloroethane	2.03	64	312036	250.00	ng		95
7) C030	Methylene Chloride	3.13	84	442842	250.00	ng		90
8) C035	Acetone	2.77	43	440593	250.00	ng		82
9) C040	Carbon Disulfide	2.88	76	1146572	250.00	ng		100
10) C275	Trichlorofluorometha	2.24	101	732147	250.00	ng		99
11) C045	1,1-Dichloroethene	2.69	96	359071	250.00	ng	#	78
12) C291	1,1,2-Trichloro-1,2,	2.68	101	385017	250.00	ng		85
13) C962	T-butyl methyl ether	3.31	73	1793617	250.00	ng	#	93
14) C050	1,1-Dichloroethane	3.69	63	863405	250.00	ng		97
15) C255	Methyl Acetate	3.03	43	561733	250.00	ng		92
16) C057	trans-1,2-dichloroet	3.33	96	411063	250.00	ng	#	89
17) C056	cis-1,2-Dichloroethe	4.18	96	461891	250.00	ng		95
18) C060	Chloroform	4.45	83	949228	250.00	ng		96
20) C065	1,2-Dichloroethane	4.92	62	1071572	250.00	ng		99
21) C110	2-Butanone	4.19	43	432777	250.00	ng		100
23) C256	Cyclohexane	4.59	56	616127	250.00	ng		96
24) C012	Methylcyclohexane	5.54	83	568955	250.00	ng		91
25) C115	1,1,1-Trichloroethan	4.57	97	907548	250.00	ng		99
26) C120	Carbon Tetrachloride	4.70	117	755370	250.00	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8989.D Vial: 7
Acq On : 5 Mar 2007 13:44 Operator: JMB
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA

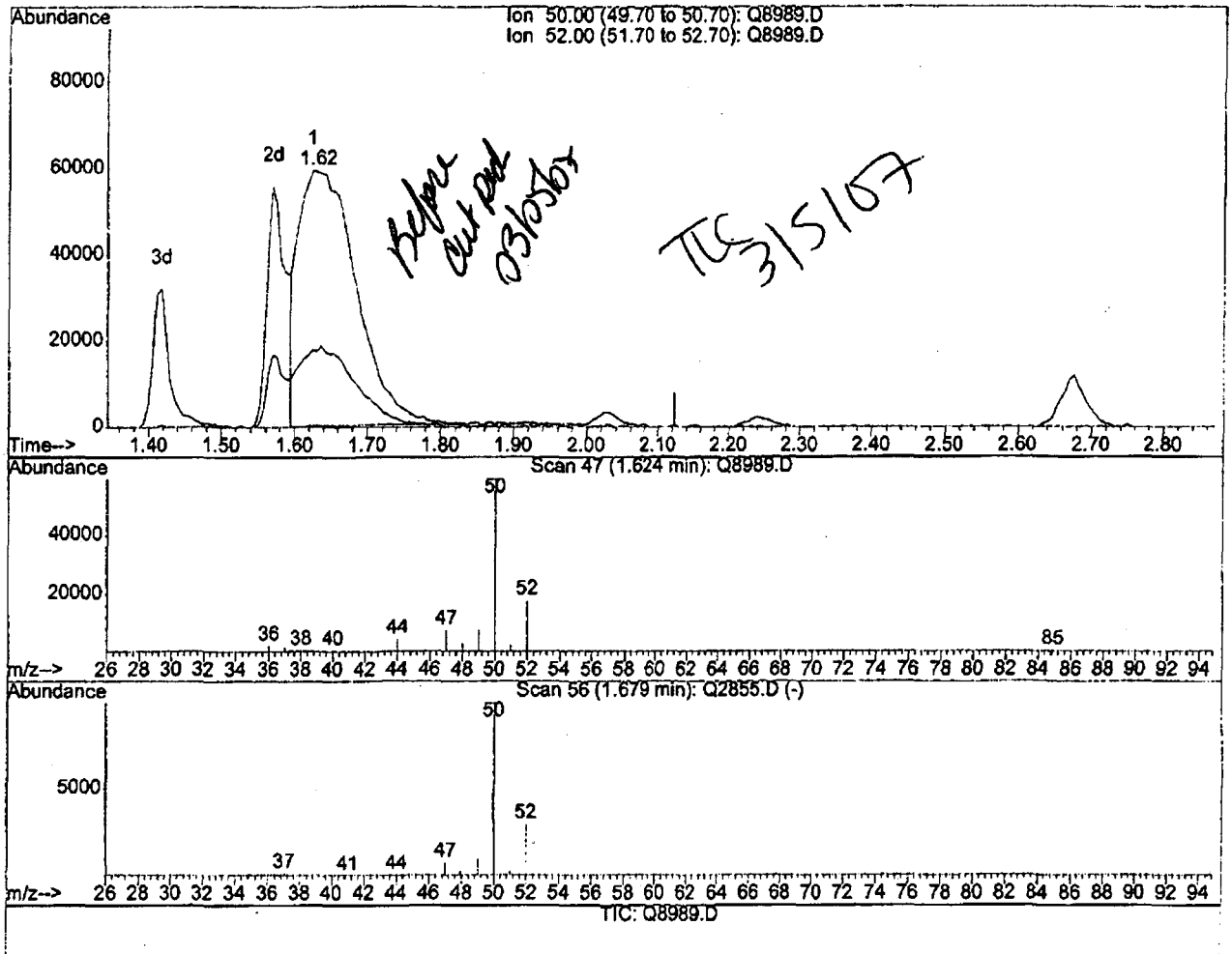
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
27)	C130	Bromodichloromethane	5.86	83	735575	250.00	ng		95
28)	C140	1,2-Dichloropropane	5.61	63	422521	250.00	ng		100
29)	C145	cis-1,3-Dichloroprop	6.24	75	830187	250.00	ng		98
30)	C150	Trichloroethene	5.41	130	509001	250.00	ng		96
31)	C165	Benzene	4.88	78	1689355	250.00	ng		95
32)	C155	Dibromochloromethane	7.26	129	602967	250.00	ng		98
33)	C170	trans-1,3-Dichloropr	6.73	75	902341	250.00	ng		99
34)	C160	1,1,2-Trichloroethan	6.90	97	448949	250.00	ng		98
35)	C180	Bromoform	8.58	173	476900	250.00	ng		100
37)	C163	1,2-Dibromoethane	7.35	107	513479	250.00	ng		98
38)	C210	4-Methyl-2-Pentanone	6.35	43	734651	250.00	ng		98
39)	C215	2-Hexanone	7.09	43	671996	250.00	ng		96
40)	C220	Tetrachloroethene	6.98	164	462653	250.00	ng	#	92
41)	C225	1,1,2,2-Tetrachloroe	9.02	83	581357	250.00	ng		97
43)	C230	Toluene	6.50	91	1904985	250.00	ng		95
44)	C235	Chlorobenzene	7.78	112	1368418	250.00	ng		99
45)	C240	Ethylbenzene	7.86	106	694199	250.00	ng		100
46)	C246	m,p-Xylene	7.96	106	1792896	500.00	ng		100
47)	C247	o-Xylene	8.34	106	859763	250.00	ng		100
49)	C245	Styrene	8.36	104	1464910	250.00	ng		100
50)	C966	Isopropylbenzene	8.67	105	2282077	250.00	ng		97
51)	C260	1,3-Dichlorobenzene	9.89	146	1175061	250.00	ng		97
52)	C267	1,4-Dichlorobenzene	9.96	146	1205235	250.00	ng		96
53)	C249	1,2-Dichlorobenzene	10.29	146	1127373	250.00	ng		96
54)	C286	1,2-Dibromo-3-chloro	10.96	75	157089	250.00	ng		88
55)	C313	1,2,4-Trichlorobenze	11.57	180	703905	250.00	ng		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8989.D Vial: 7
Acq On : 5 Mar 2007 13:44 Operator: JMB
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:44 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



Before cut pad 030507

TIC 315157

(3) C010 Chloromethane (T)

1.62min 250.00ng

response 327715

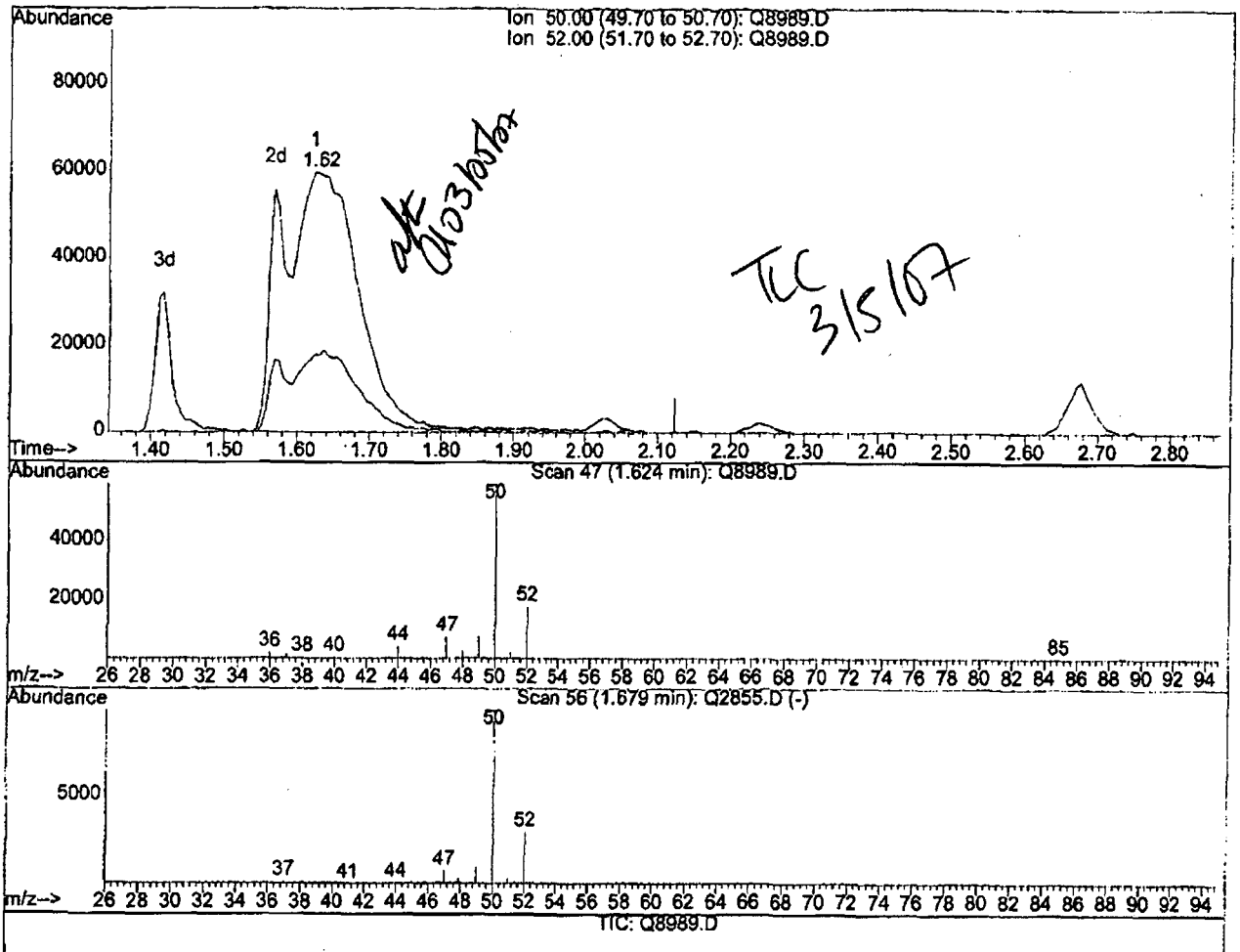
Ion	Exp%	Act%
50.00	100	100
52.00	31.20	30.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8989.D
Acq On : 5 Mar 2007 13:44
Sample : VSTD050
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007

Vial: 7
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



TLC 3/5/07

(3) C010 Chloromethane (T)

1.62min 335.53ng m

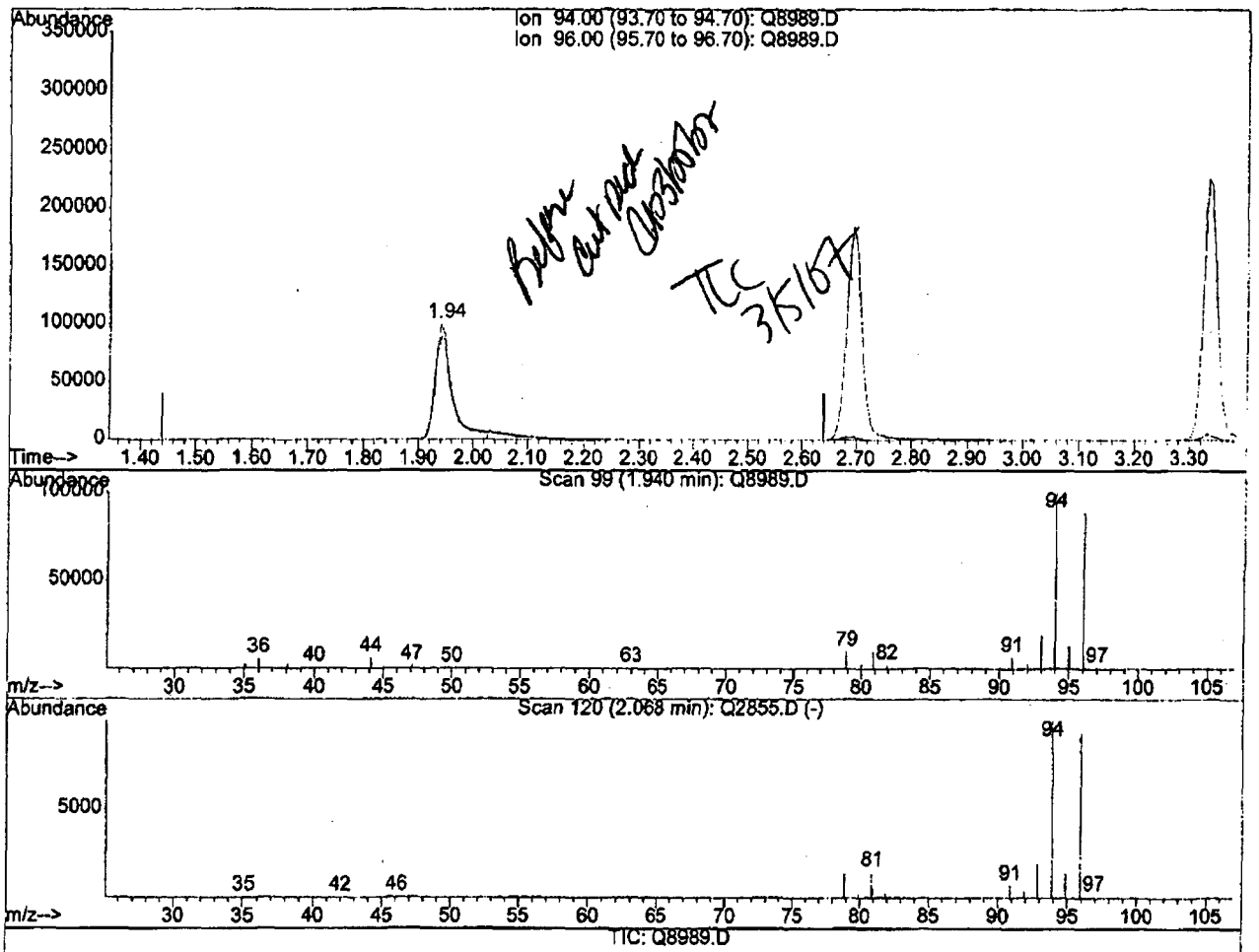
response 439836

Ion	Exp%	Act%
50.00	100	100
52.00	31.20	30.03
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8989.D Vial: 7
Acq On : 5 Mar 2007 13:44 Operator: JMB
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



(4) C015 Bromomethane (T)

1.94min 250.00ng

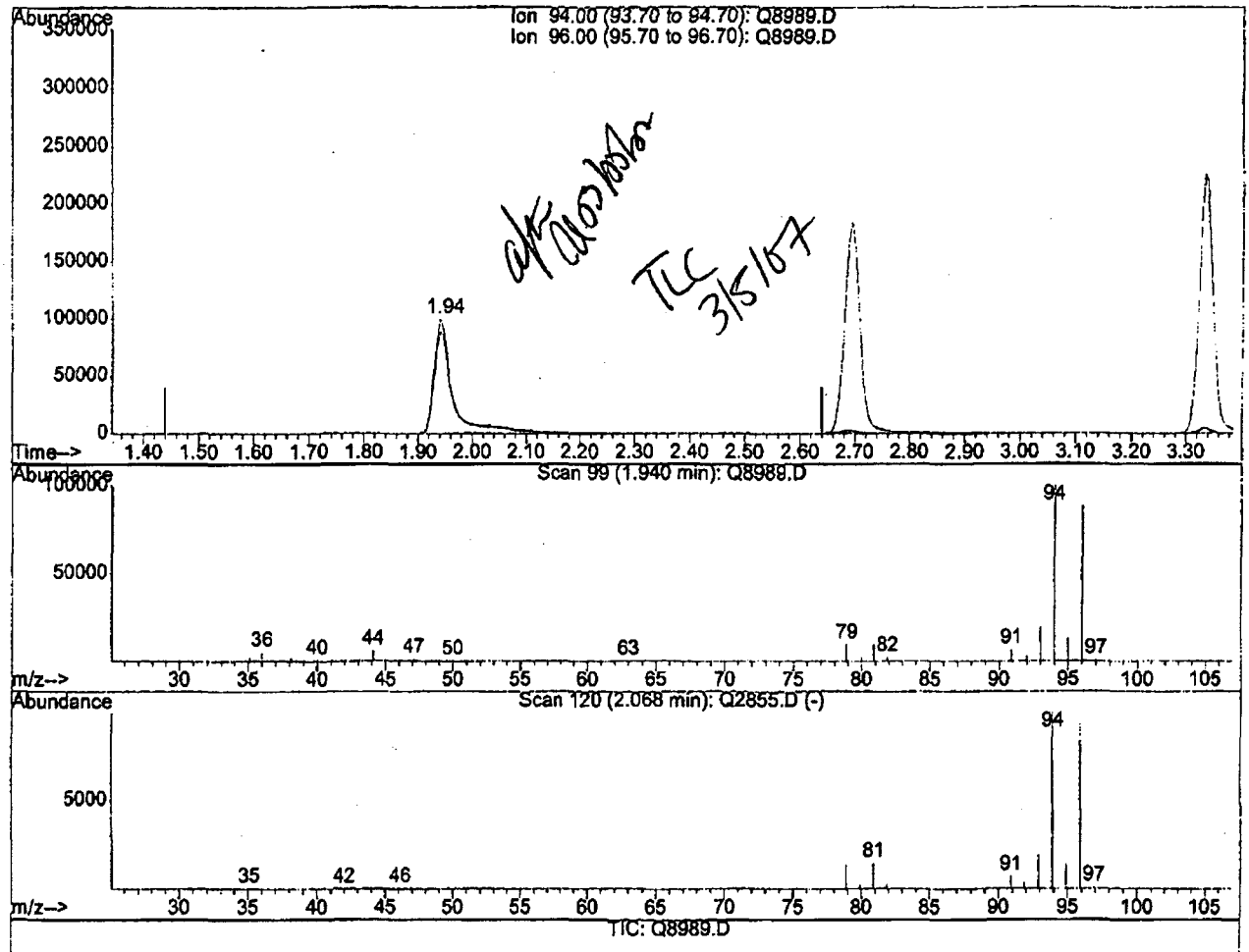
response 213798

Ion	Exp%	Act%
94.00	100	100
96.00	98.10	88.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8989.D Vial: 7
Acq On : 5 Mar 2007 13:44 Operator: JMB
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



(4) C015 Bromomethane (T)

1.94min 280.12ng m

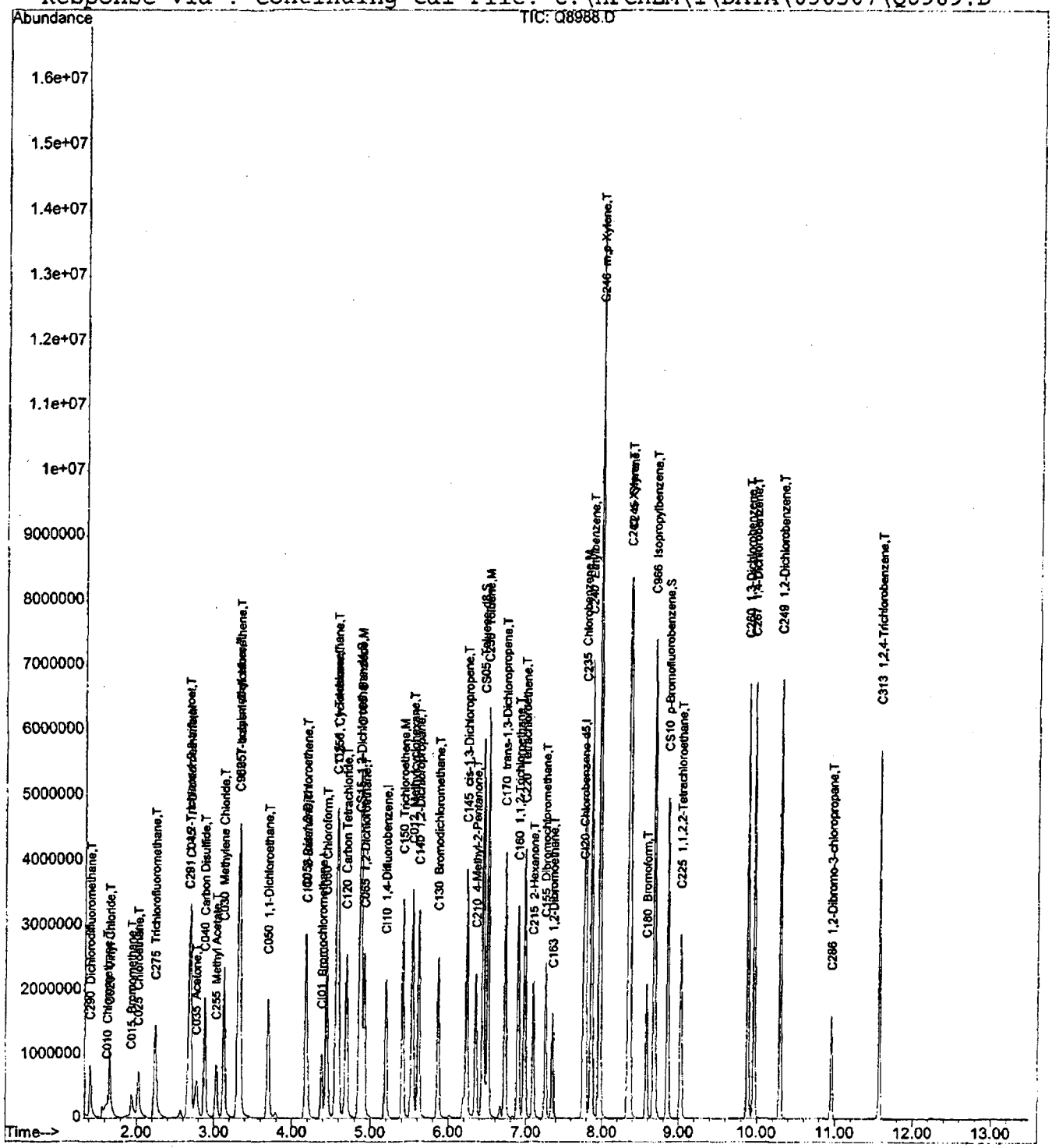
response 239554

Ion	Exp%	Act%
94.00	100	100
96.00	98.10	88.78
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030507\Q8988.D Vial: 6
Acq On : 5 Mar 2007 13:16 Operator: JMB
Sample : VSTD100 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:48:07 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030507\Q8989.D



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8988.D Vial: 6
Acq On : 5 Mar 2007 13:16 Operator: JMB
Sample : VSTD100 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030507\Q8989.D (5 Mar 2007 13:44)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.39	128	261552	250.00	ng		0.00 102.13%
22) CI10	1,4-Difluorobenzene	5.20	114	1541717	250.00	ng		0.00 100.96%
36) CI20	Chlorobenzene-d5	7.75	117	1459989	250.00	ng		0.00 102.51%
System Monitoring Compounds								
19) CS15	1,2-Dichloroethane-d	4.86	65	1657122	501.70	ng		0.00
Spiked Amount	250.000	Range	76 - 114	Recovery =	200.68%#			
42) CS05	Toluene-d8	6.44	98	3578236	500.58	ng		0.00
Spiked Amount	250.000	Range	88 - 110	Recovery =	200.23%#			
48) CS10	p-Bromofluorobenzene	8.85	95	1475199	511.35	ng		0.00
Spiked Amount	250.000	Range	86 - 115	Recovery =	204.54%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.42	85	853612	577.80	ng		100
3) C010	Chloromethane	1.63	50	899550m	671.91	ng		99
4) C015	Bromomethane	1.94	94	333431	381.76	ng		96
5) C020	Vinyl Chloride	1.66	62	797275	524.70	ng		98
6) C025	Chloroethane	2.02	64	683722	536.36	ng		96
7) C030	Methylene Chloride	3.13	84	911617	503.90	ng		91
8) C035	Acetone	2.77	43	947545	526.44	ng		82
9) C040	Carbon Disulfide	2.88	76	2468800	527.07	ng		100
10) C275	Trichlorofluorometha	2.24	101	1600155	534.99	ng		98
11) C045	1,1-Dichloroethene	2.69	96	799124	544.77	ng	#	82
12) C291	1,1,2-Trichloro-1,2,	2.67	101	869605	552.87	ng		83
13) C962	T-butyl methyl ether	3.32	73	3714437	506.93	ng	#	92
14) C050	1,1-Dichloroethane	3.69	63	1778707	504.28	ng		97
15) C255	Methyl Acetate	3.03	43	1155319	503.45	ng		91
16) C057	trans-1,2-dichloroet	3.34	96	877894	522.78	ng	#	86
17) C056	cis-1,2-Dichloroethe	4.18	96	950777	503.87	ng		96
18) C060	Chloroform	4.45	83	1940651	500.45	ng		96
20) C065	1,2-Dichloroethane	4.92	62	2169177	495.51	ng		99
21) C110	2-Butanone	4.19	43	932812	527.61	ng		99
23) C256	Cyclohexane	4.59	56	1464544	588.59	ng		96
24) C012	Methylcyclohexane	5.54	83	1346488	586.02	ng		92
25) C115	1,1,1-Trichloroethan	4.57	97	1937162	528.54	ng		98
26) C120	Carbon Tetrachloride	4.70	117	1669316	547.22	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8988.D Vial: 6
Acq On : 5 Mar 2007 13:16 Operator: JMB
Sample : VSTD100 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA

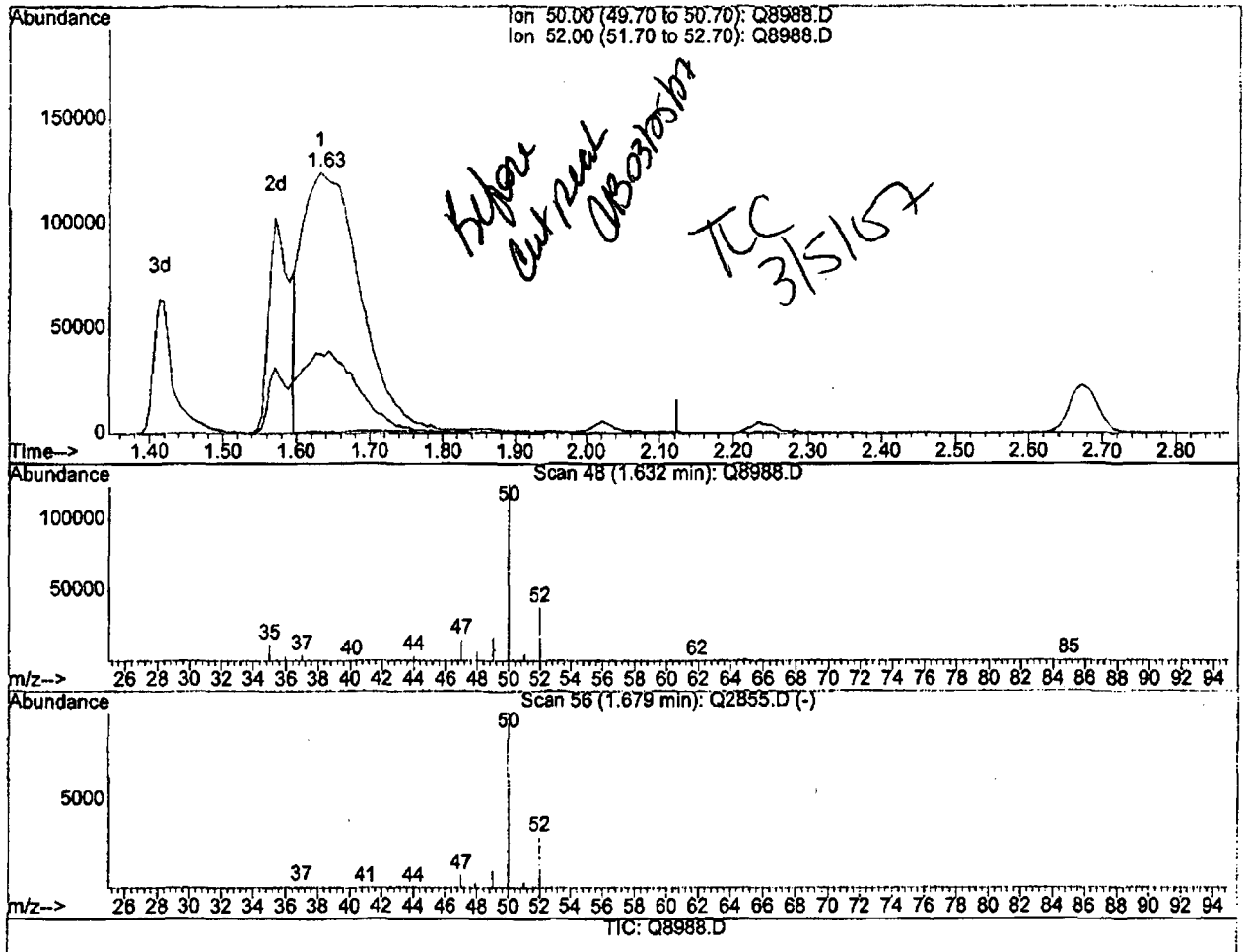
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
27)	C130	Bromodichloromethane	5.87	83	1530831	515.33	ng		95
28)	C140	1,2-Dichloropropane	5.62	63	877426	514.22	ng		99
29)	C145	cis-1,3-Dichloroprop	6.23	75	1732374	516.71	ng		98
30)	C150	Trichloroethene	5.42	130	1072199	521.60	ng		95
31)	C165	Benzene	4.88	78	3570521	523.35	ng		97
32)	C155	Dibromochloromethane	7.25	129	1274829	523.53	ng		99
33)	C170	trans-1,3-Dichloropr	6.72	75	1887909	518.08	ng		99
34)	C160	1,1,2-Trichloroethan	6.89	97	931669	513.86	ng		100
35)	C180	Bromoform	8.58	173	1031952	535.82	ng		97
37)	C163	1,2-Dibromoethane	7.36	107	1061437	504.15	ng		98
38)	C210	4-Methyl-2-Pentanone	6.35	43	1531816	508.53	ng		99
39)	C215	2-Hexanone	7.09	43	1425095	517.21	ng		94
40)	C220	Tetrachloroethene	6.98	164	1001882	528.14	ng	#	94
41)	C225	1,1,2,2-Tetrachloroe	9.02	83	1213333	509.01	ng		96
43)	C230	Toluene	6.50	91	4014001	513.90	ng		95
44)	C235	Chlorobenzene	7.78	112	2883799	513.97	ng		98
45)	C240	Ethylbenzene	7.86	106	1480113	520.00	ng		99
46)	C246	m,p-Xylene	7.96	106	3859602	1050.05	ng	#	88
47)	C247	o-Xylene	8.34	106	1847488	524.08	ng		95
49)	C245	Styrene	8.36	104	3124515	520.19	ng		98
50)	C966	Isopropylbenzene	8.68	105	4869195	520.38	ng		97
51)	C260	1,3-Dichlorobenzene	9.88	146	2496427	518.14	ng		98
52)	C267	1,4-Dichlorobenzene	9.97	146	2569250	519.91	ng		96
53)	C249	1,2-Dichlorobenzene	10.29	146	2400985	519.41	ng		96
54)	C286	1,2-Dibromo-3-chloro	10.96	75	339491	527.08	ng		87
55)	C313	1,2,4-Trichlorobenze	11.57	180	1499586	519.58	ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8988.D Vial: 6
Acq On : 5 Mar 2007 13:16 Operator: JMB
Sample : VSTD100 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:44 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



TIC: Q8988.D

(3) C010 Chloromethane (T)

1.63min 508.23ng

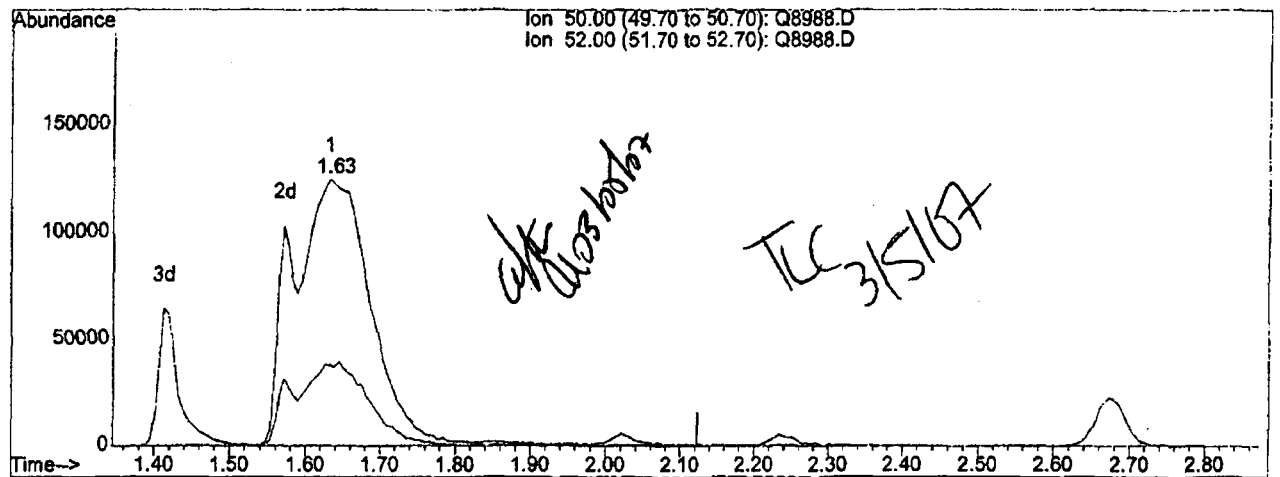
response 680420

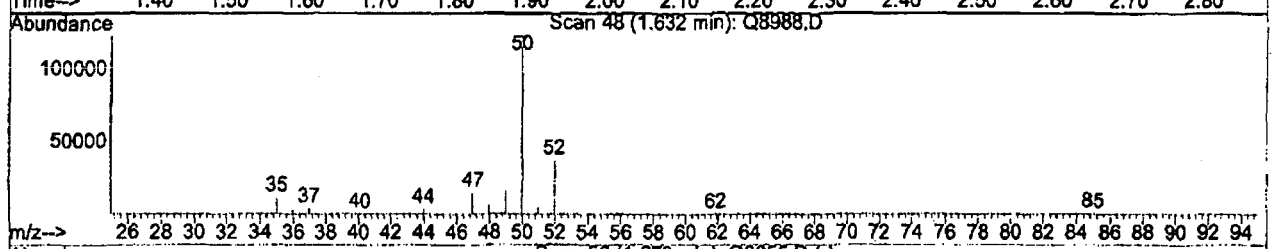
Ion	Exp%	Act%
50.00	100	100
52.00	31.20	30.45
0.00	0.00	0.00
0.00	0.00	0.00

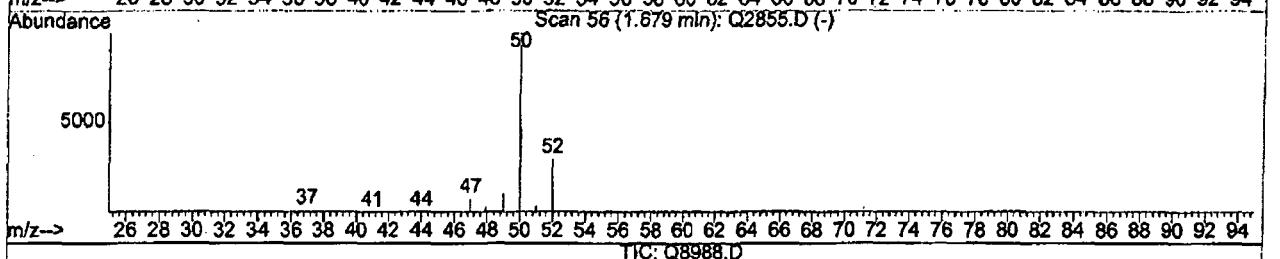
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8988.D Vial: 6
Acq On : 5 Mar 2007 13:16 Operator: JMB
Sample : VSTD100 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:46 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration







(3) C010 Chloromethane (T)

1.63min 671.91ng m

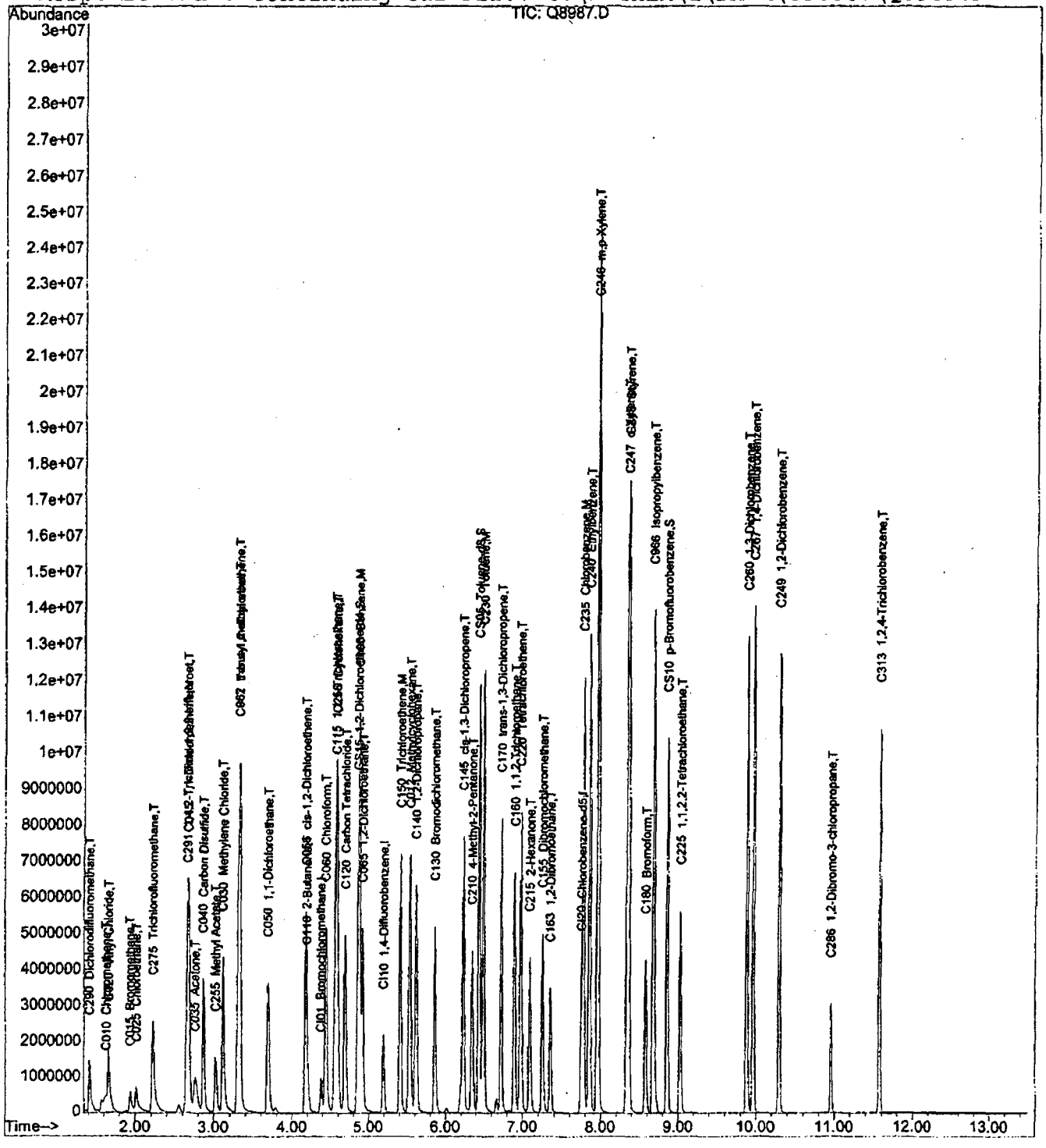
response 899550

Ion	Exp%	Act%
50.00	100	100
52.00	31.20	30.45
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030507\Q8987.D Vial: 5
Acq On : 5 Mar 2007 12:48 Operator: JMB
Sample : VSTD200 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:45 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:48:07 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030507\Q8989.D



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8987.D Vial: 5
Acq On : 5 Mar 2007 12:48 Operator: JMB
Sample : VSTD200 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:45 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030507\Q8989.D (5 Mar 2007 13:44)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.39	128	261831	250.00	ng		0.00 102.24%
22) CI10	1,4-Difluorobenzene	5.19	114	1549277	250.00	ng		0.00 101.46%
36) CI20	Chlorobenzene-d5	7.75	117	1469996	250.00	ng		0.00 103.21%
System Monitoring Compounds								
19) CS15	1,2-Dichloroethane-d	4.85	65	3335823	1008.87	ng		0.00
Spiked Amount	250.000	Range	76 - 114		Recovery =		403.55%#	
42) CS05	Toluene-d8	6.44	98	7148740	993.26	ng		0.00
Spiked Amount	250.000	Range	88 - 110		Recovery =		397.30%#	
48) CS10	p-Bromofluorobenzene	8.86	95	3070192	1056.98	ng		0.00
Spiked Amount	250.000	Range	86 - 115		Recovery =		422.79%#	
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.42	85	1701756	1150.67	ng		100
3) C010	Chloromethane	1.63	50	1779122m	1327.48	ng		99
4) C015	Bromomethane	1.93	94	504817	577.36	ng		93
5) C020	Vinyl Chloride	1.66	62	1554533	1021.98	ng		98
6) C025	Chloroethane	2.01	64	780452m	611.59	ng		95
7) C030	Methylene Chloride	3.12	84	1831947	1011.54	ng		90
8) C035	Acetone	2.77	43	1958507	1086.95	ng		82
9) C040	Carbon Disulfide	2.87	76	4998815	1066.07	ng		100
10) C275	Trichlorofluorometha	2.23	101	3015757	1007.21	ng		99
11) C045	1,1-Dichloroethene	2.68	96	1656238	1127.88	ng	#	85
12) C291	1,1,2-Trichloro-1,2,	2.66	101	1774358	1126.89	ng	#	83
13) C962	T-butyl methyl ether	3.31	73	7452543	1016.00	ng	#	93
14) C050	1,1-Dichloroethane	3.69	63	3607707	1021.73	ng		96
15) C255	Methyl Acetate	3.03	43	2350567	1023.21	ng		92
16) C057	trans-1,2-dichloroet	3.33	96	1862776	1108.08	ng	#	84
17) C056	cis-1,2-Dichloroethe	4.18	96	1966711	1041.17	ng		98
18) C060	Chloroform	4.44	83	3872390	997.54	ng		97
20) C065	1,2-Dichloroethane	4.92	62	4313162	984.23	ng		96
21) C110	2-Butanone	4.20	43	1946189	1099.62	ng		98
23) C256	Cyclohexane	4.59	56	3086893	1234.56	ng		97
24) C012	Methylcyclohexane	5.54	83	2734235	1184.18	ng		92
25) C115	1,1,1-Trichloroethan	4.56	97	3875882	1052.35	ng		100
26) C120	Carbon Tetrachloride	4.69	117	3367069	1098.38	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030507\Q8987.D Vial: 5
Acq On : 5 Mar 2007 12:48 Operator: JMB
Sample : VSTD200 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:45 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:43:44 2007
Response via : Single (C:\HPCHEM\1\DATA\030507\Q8989.D 5 Mar 2007 13:44)
DataAcq Meth : VOA

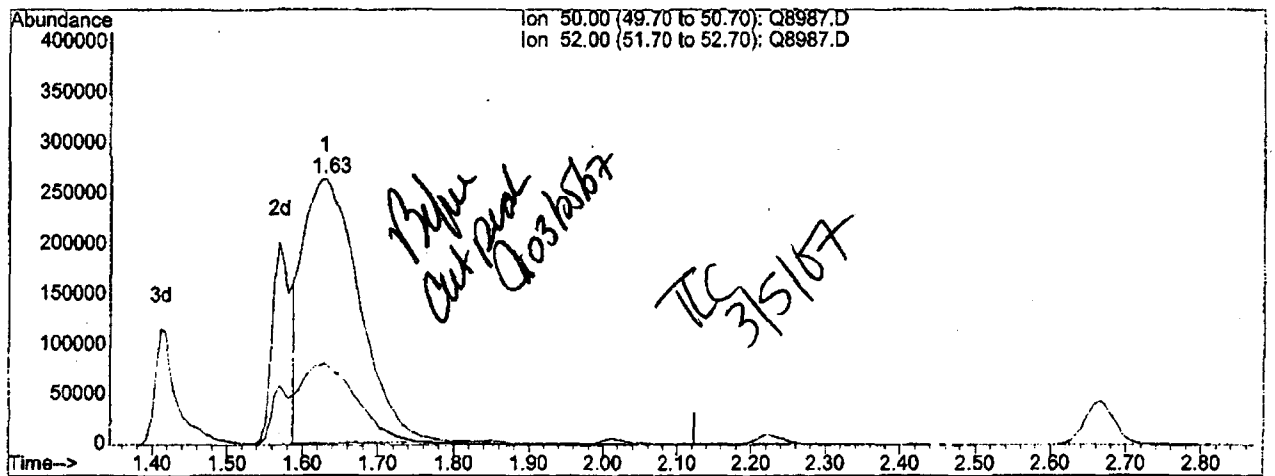
	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
27)	C130	Bromodichloromethane	5.86	83	3121344	1045.62	ng		95
28)	C140	1,2-Dichloropropane	5.61	63	1834761	1070.02	ng		99
29)	C145	cis-1,3-Dichloroprop	6.23	75	3572081	1060.24	ng		96
30)	C150	Trichloroethene	5.41	130	2208318	1069.06	ng		95
31)	C165	Benzene	4.88	78	7328022	1068.87	ng		93
32)	C155	Dibromochloromethane	7.26	129	2614611	1068.50	ng		99
33)	C170	trans-1,3-Dichloropr	6.73	75	3852560	1052.06	ng		98
34)	C160	1,1,2-Trichloroethan	6.90	97	1930015	1059.31	ng		99
35)	C180	Bromoform	8.58	173	2151061	1111.44	ng		99
37)	C163	1,2-Dibromoethane	7.35	107	2185685	1031.07	ng		99
38)	C210	4-Methyl-2-Pentanone	6.35	43	3144286	1036.73	ng		98
39)	C215	2-Hexanone	7.09	43	2905776	1047.42	ng		97
40)	C220	Tetrachloroethene	6.98	164	2068849	1083.17	ng	#	95
41)	C225	1,1,2,2-Tetrachloroe	9.03	83	2456861	1023.68	ng		96
43)	C230	Toluene	6.50	91	7867673	1000.41	ng		95
44)	C235	Chlorobenzene	7.78	112	5774634	1022.19	ng		97
45)	C240	Ethylbenzene	7.86	106	3099803	1081.62	ng	#	69
46)	C246	m,p-Xylene	7.96	106	7654104	2068.21	ng	#	66
47)	C247	o-Xylene	8.34	106	3875433	1091.86	ng	#	83
49)	C245	Styrene	8.36	104	6356733	1051.11	ng		97
50)	C966	Isopropylbenzene	8.68	105	9046234	960.20	ng		96
51)	C260	1,3-Dichlorobenzene	9.88	146	4955391	1021.51	ng		96
52)	C267	1,4-Dichlorobenzene	9.96	146	5071194	1019.21	ng		95
53)	C249	1,2-Dichlorobenzene	10.30	146	4765684	1023.96	ng		95
54)	C286	1,2-Dibromo-3-chloro	10.96	75	648353	999.75	ng		85
55)	C313	1,2,4-Trichlorobenze	11.58	180	2910751	1001.65	ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8987.D Vial: 5
Acq On : 5 Mar 2007 12:48 Operator: JMB
Sample : VSTD200 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:43 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



TIC: Q8987.D

(3) C010 Chloromethane (T)

1.63min 1034.54ng

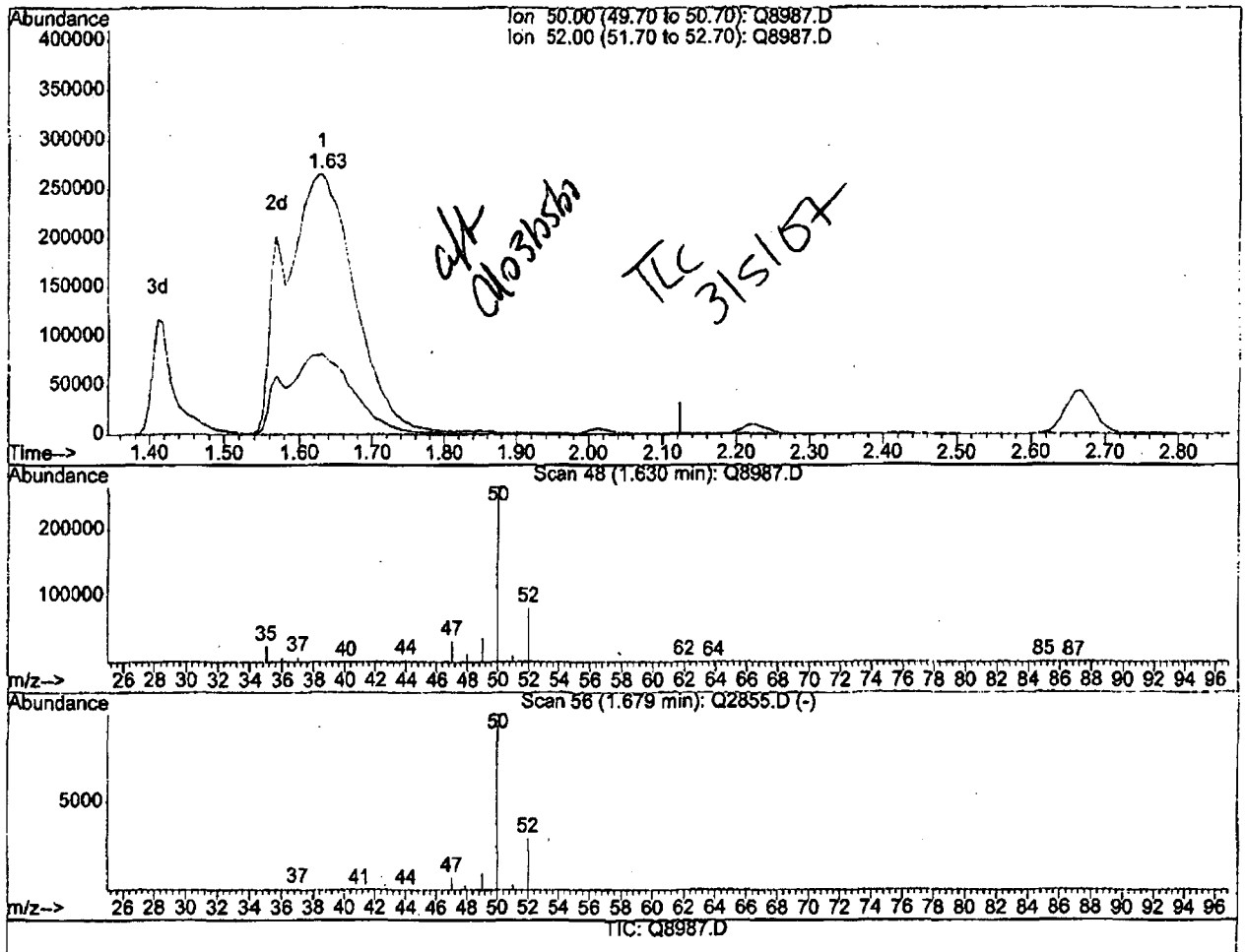
response 1386515

Ion	Exp%	Act%
50.00	100	100
52.00	31.20	30.84
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8987.D Vial: 5
Acq On : 5 Mar 2007 12:48 Operator: JMB
Sample : VSTD200 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:45 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



TIC: Q8987.D

(3) C010 Chloromethane (T)

1.63min 1327.48ng m

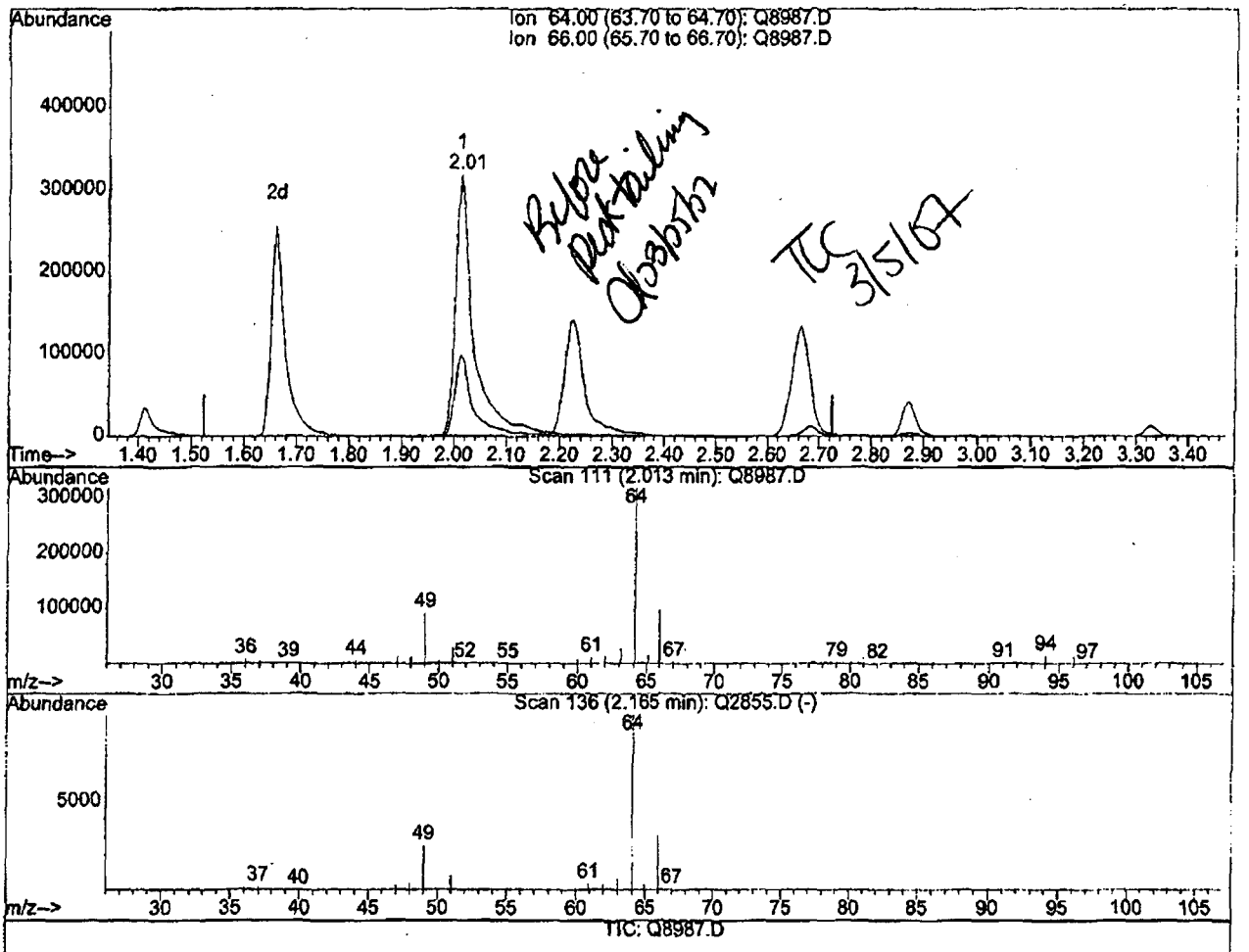
response 1779122

Ion	Exp%	Act%
50.00	100	100
52.00	31.20	30.84
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8987.D Vial: 5
Acq On : 5 Mar 2007 12:48 Operator: JMB
Sample : VSTD200 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:45 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



(6) C025 Chloroethane (T)

2.01min 623.14ng

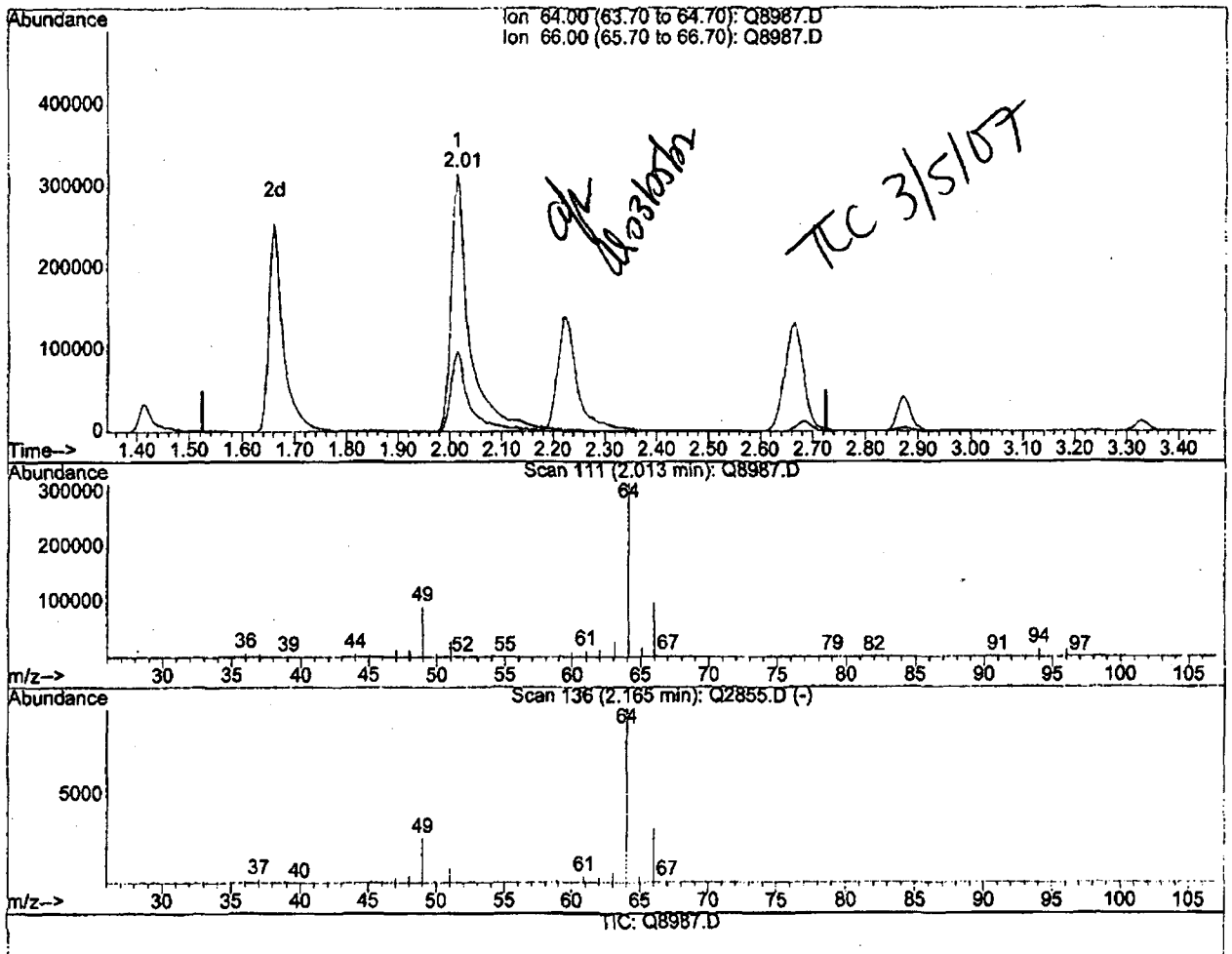
response 795187

Ion	Exp%	Act%
64.00	100	100
66.00	34.10	31.07
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\030507\Q8987.D Vial: 5
Acq On : 5 Mar 2007 12:48 Operator: JMB
Sample : VSTD200 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 5 15:45 2007 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Mon Mar 05 15:45:04 2007
Response via : Single Level Calibration



(6) C025 Chloroethane (T)

2.01min 611.59ng m

response 780452

Ion	Exp%	Act%
64.00	100	100
66.00	34.10	31.07
0.00	0.00	0.00
0.00	0.00	0.00

VOLATILE 3/90, CLP OLM3.2, ASP '91
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7C0000607-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Lab File Id: Q9068.RR Calibration Date: 03/09/2007 Time: 21:57

Intrument ID: HP5973Q Init. Calib. Date(s): 03/05/2007 03/05/2007

Heated Purge (Y/N): N Init. Calib. Times: 12:48 14:41

GC Column: DBS-624 ID: 0.18 (mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Chloromethane	1.7490	1.1636	0.0100	33.500	100.00
Bromomethane	0.8130	0.5626	0.1000	30.800	25.00
Vinyl chloride	1.5300	1.1045	0.1000	27.800	25.00
Chloroethane	1.1180	0.9815	0.0100	12.200	100.00
Methylene chloride	1.7540	1.7338	0.0100	1.200	100.00
Acetone	1.7060	2.0643	0.0100	-21.000	100.00
Carbon Disulfide	4.5980	3.8576	0.0100	16.100	100.00
1,1-Dichloroethene	1.4910	1.5081	0.1000	-1.100	25.00
1,1-Dichloroethane	3.3540	3.3796	0.2000	-0.800	25.00
cis-1,2-Dichloroethene	1.7880	1.7123	0.0100	4.200	100.00
trans-1,2-Dichloroethene	1.6510	1.5687	0.0100	5.000	100.00
Chloroform	3.6840	4.0672	0.2000	-10.400	25.00
1,2-Dichloroethane	4.1210	4.9735	0.1000	-20.700	25.00
2-Butanone	1.6630	1.6946	0.0100	-1.900	100.00
1,1,1-Trichloroethane	0.6140	0.6989	0.1000	-13.800	25.00
Carbon Tetrachloride	0.5170	0.5771	0.1000	-11.600	25.00
Bromodichloromethane	0.4760	0.4979	0.2000	-4.600	25.00
1,2-Dichloropropane	0.2770	0.2509	0.0100	9.400	100.00
cis-1,3-Dichloropropene	0.5400	0.5139	0.2000	4.800	25.00
1,2-Dibromo-3-chloropropane	0.1050	0.1018	0.0100	3.000	100.00
Trichloroethene	0.3390	0.3291	0.3000	2.900	25.00
Dibromochloromethane	0.3900	0.3928	0.1000	-0.700	25.00
1,1,2-Trichloroethane	0.2920	0.2844	0.1000	2.600	25.00
Benzene	1.1180	1.0331	0.5000	7.600	25.00
trans-1,3-Dichloropropene	0.5830	0.5923	0.1000	-1.600	25.00
Bromoform	0.3060	0.3034	0.1000	0.900	25.00
4-Methyl-2-pentanone	0.5020	0.4570	0.0100	9.000	100.00
2-Hexanone	0.4530	0.4349	0.0100	4.000	100.00
Tetrachloroethene	0.3370	0.3294	0.2000	2.200	25.00
Toluene	1.3340	1.2194	0.4000	8.600	25.00
1,1,2,2-Tetrachloroethane	0.3990	0.3650	0.3000	8.500	25.00
Chlorobenzene	0.9600	0.8983	0.5000	6.400	25.00
Ethylbenzene	0.4930	0.4579	0.1000	7.100	25.00
Styrene	1.0220	0.9501	0.3000	7.000	25.00
Total Xylenes	0.6100	0.5694	0.3000	6.600	25.00
1,2-Dichlorobenzene	0.7950	0.7950	0.4000	0.000	25.00
1,3-Dichlorobenzene	0.8270	0.8207	0.6000	0.800	25.00
1,4-Dichlorobenzene	0.8450	0.8207	0.5000	2.900	25.00
1,2-Dibromoethane	0.3570	0.3320	0.0100	7.000	100.00

VOLATILE 3/90, CLP OLM3.2, ASP '91
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7C0000607-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Lab File Id: Q9068.RR Calibration Date: 03/09/2007 Time: 21:57

Intrument ID: HP5973Q Init. Calib. Date(s): 03/05/2007 03/05/2007

Heated Purge (Y/N): N Init. Calib. Times: 12:48 14:41

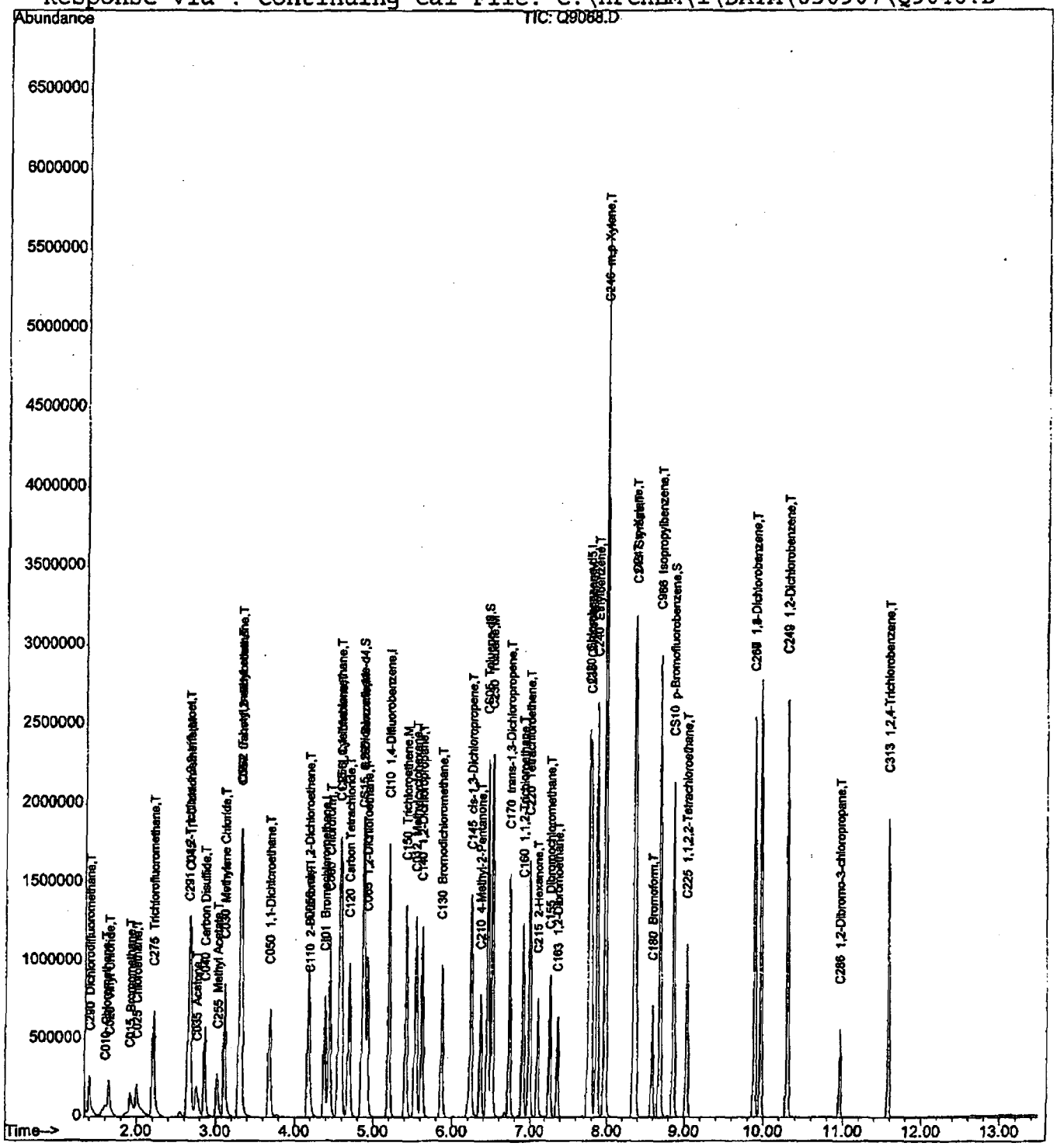
GC Column: DBS-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Dichlorodifluoromethane	1.5450	1.4417	0.0100	6.700	100.00
Trichlorofluoromethane	2.9990	3.8852	0.0100	-29.500	100.00
Methyl acetate	2.1810	2.2181	0.0100	-1.700	100.00
Cyclohexane	0.4430	0.4178	0.0100	5.700	100.00
Methyl-t-Butyl Ether (MTBE)	6.9690	7.4535	0.0100	-7.000	100.00
1,1,2-Trichloro-1,2,2-trifluoro	1.6100	1.9558	0.0100	-21.500	100.00
Isopropylbenzene	1.6010	1.6577	0.0100	-3.500	100.00
1,2,4-Trichlorobenzene	0.4680	0.4219	0.2000	9.800	25.00
Methylcyclohexane	0.4070	0.3986	0.0100	2.100	100.00
1,2-Dichloroethane-D4	3.2570	3.9999	0.0100	-22.800	100.00
Toluene-D8	1.2140	1.1546	0.0100	4.900	100.00
p-Bromofluorobenzene	0.5070	0.5264	0.2000	-3.800	25.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030907\Q9068.D Vial: 25
Acq On : 9 Mar 2007 21:57 Operator: JLG
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 9 22:15 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 14:10:35 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030907\Q9046.D



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030907\Q9068.D Vial: 25
Acq On : 9 Mar 2007 21:57 Operator: JLG
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 9 22:15 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 14:10:35 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9046.D 9 Mar 2007 9:24)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030907\Q9046.D (9 Mar 2007 9:24)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.38	128	185152	250.00	ng		0.00 85.97%
22) CI10	1,4-Difluorobenzene	5.20	114	1132103	250.00	ng		0.00 87.07%
36) CI20	Chlorobenzene-d5	7.76	117	1129848	250.00	ng		0.00 87.05%
System Monitoring Compounds								
19) CS15	1,2-Dichloroethane-d	4.86	65	740582	275.31	ng		0.00
Spiked Amount	250.000	Range	76 - 114		Recovery =	110.12%		
42) CS05	Toluene-d8	6.45	98	1304475	247.91	ng		0.00
Spiked Amount	250.000	Range	88 - 110		Recovery =	99.16%		
48) CS10	p-Bromofluorobenzene	8.86	95	594789	259.48	ng		0.00
Spiked Amount	250.000	Range	86 - 115		Recovery =	103.79%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.40	85	266925	267.78	ng		100
3) C010	Chloromethane	1.61	50	215441	228.90	ng		95
4) C015	Bromomethane	1.92	94	104175	166.87	ng		93
5) C020	Vinyl Chloride	1.65	62	204507	226.79	ng		99
6) C025	Chloroethane	2.00	64	181730	218.69	ng		92
7) C030	Methylene Chloride	3.11	84	321014	266.87	ng		93
8) C035	Acetone	2.76	43	382208	290.33	ng		79
9) C040	Carbon Disulfide	2.86	76	714251	258.82	ng		100
10) C275	Trichlorofluorometha	2.21	101	719349	278.73	ng		99
11) C045	1,1-Dichloroethene	2.68	96	279224	275.63	ng	#	72
12) C291	1,1,2-Trichloro-1,2,	2.65	101	362123	278.27	ng	#	81
13) C962	T-butyl methyl ether	3.31	73	1380038	260.78	ng	#	89
14) C050	1,1-Dichloroethane	3.68	63	625748	190.78	ng		97
15) C255	Methyl Acetate	3.02	43	410684	265.03	ng		93
16) C057	trans-1,2-dichloroet	3.33	96	290447	257.34	ng	#	87
17) C056	cis-1,2-Dichloroethe	4.18	96	317027	254.23	ng	#	86
18) C060	Chloroform	4.45	83	753051	266.22	ng		97
20) C065	1,2-Dichloroethane	4.92	62	920852	276.03	ng		99
21) C110	2-Butanone	4.20	43	313760	256.65	ng		98
23) C256	Cyclohexane	4.59	56	473038	244.55	ng		92
24) C012	Methylcyclohexane	5.54	83	451214	246.85	ng		93
25) C115	1,1,1-Trichloroethan	4.57	97	791252	269.05	ng		98
26) C120	Carbon Tetrachloride	4.69	117	653296	257.44	ng		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030907\Q9068.D Vial: 25
Acq On : 9 Mar 2007 21:57 Operator: JLG
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 9 22:15 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 14:10:35 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9046.D 9 Mar 2007 9:24)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
27)	C130	Bromodichloromethane	5.87	83	563730	249.13	ng		95
28)	C140	1,2-Dichloropropane	5.62	63	284066	175.56	ng		100
29)	C145	cis-1,3-Dichloroprop	6.24	75	581783	238.84	ng		95
30)	C150	Trichloroethene	5.42	130	372568	259.70	ng		96
31)	C165	Benzene	4.88	78	1169618	250.50	ng		97
32)	C155	Dibromochloromethane	7.26	129	444719	242.22	ng		99
33)	C170	trans-1,3-Dichloropr	6.73	75	670599	236.34	ng		99
34)	C160	1,1,2-Trichloroethan	6.90	97	321961	253.08	ng		99
35)	C180	Bromoform	8.59	173	343480	237.49	ng		99
37)	C163	1,2-Dibromoethane	7.36	107	375113	247.32	ng		96
38)	C210	4-Methyl-2-Pentanone	6.36	43	516386	239.26	ng		95
39)	C215	2-Hexanone	7.10	43	491366	230.73	ng		91
40)	C220	Tetrachloroethene	6.99	164	372184	264.76	ng	#	91
41)	C225	1,1,2,2-Tetrachloroe	9.03	83	412404	251.71	ng		97
43)	C230	Toluene	6.51	91	1377753	252.75	ng		92
44)	C235	Chlorobenzene	7.79	112	1014918	254.03	ng		99
45)	C240	Ethylbenzene	7.86	106	517396	254.70	ng	#	90
46)	C246	m,p-Xylene	7.97	106	1356484	518.73	ng		95
47)	C247	o-Xylene	8.34	106	643390	258.92	ng		94
49)	C245	Styrene	8.37	104	1073485	257.16	ng		93
50)	C966	Isopropylbenzene	8.69	105	1872938	261.05	ng		95
51)	C260	1,3-Dichlorobenzene	9.89	146	927280	255.72	ng		93
52)	C267	1,4-Dichlorobenzene	9.89	146	927280	255.72	ng	#	90
53)	C249	1,2-Dichlorobenzene	10.30	146	898258	259.15	ng	#	92
54)	C286	1,2-Dibromo-3-chloro	10.96	75	114989	239.13	ng		99
55)	C313	1,2,4-Trichlorobenze	11.58	180	476664	253.08	ng		98

(#) = qualifier out of range (m) = manual integration

VOLATILE 3/90, CLP OLM3.2, ASP '91
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7C0000610-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Lab File Id: Q9093.RR Calibration Date: 03/10/2007 Time: 11:21

Intrument ID: HP5973Q Init. Calib. Date(s): 03/05/2007 03/05/2007

Heated Purge (Y/N): Y N.F. 3/16/2007 Init. Calib. Times: 12:48 14:41

GC Column: DBS-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Chloromethane	1.7490	0.9866	0.0100	43.600	100.00
Bromomethane	0.8130	0.4956	0.1000	39.000	25.00
Vinyl chloride	1.5300	0.9892	0.1000	35.300	25.00
Chloroethane	1.1180	0.8101	0.0100	27.500	100.00
Methylene chloride	1.7540	1.6500	0.0100	5.900	100.00
Acetone	1.7060	2.6135	0.0100	-53.200	100.00
Carbon Disulfide	4.5980	3.5726	0.0100	22.300	100.00
1,1-Dichloroethene	1.4910	1.3848	0.1000	7.100	25.00
1,1-Dichloroethane	3.3540	3.1973	0.2000	4.700	25.00
cis-1,2-Dichloroethene	1.7880	1.6135	0.0100	9.800	100.00
trans-1,2-Dichloroethene	1.6510	1.4710	0.0100	10.900	100.00
Chloroform	3.6840	3.8235	0.2000	-3.800	25.00
1,2-Dichloroethane	4.1210	4.7105	0.1000	-14.300	25.00
2-Butanone	1.6630	1.8933	0.0100	-13.800	100.00
1,1,1-Trichloroethane	0.6140	0.6501	0.1000	-5.900	25.00
Carbon Tetrachloride	0.5170	0.5201	0.1000	-0.600	25.00
Bromodichloromethane	0.4760	0.4613	0.2000	3.100	25.00
1,2-Dichloropropane	0.2770	0.2421	0.0100	12.600	100.00
cis-1,3-Dichloropropene	0.5400	0.4893	0.2000	9.400	25.00
1,2-Dibromo-3-chloropropane	0.1050	0.0902	0.0100	14.100	100.00
Trichloroethene	0.3390	0.3120	0.3000	8.000	25.00
Dibromochloromethane	0.3900	0.3535	0.1000	9.400	25.00
1,1,2-Trichloroethane	0.2920	0.2728	0.1000	6.600	25.00
Benzene	1.1180	0.9889	0.5000	11.500	25.00
trans-1,3-Dichloropropene	0.5830	0.5593	0.1000	4.100	25.00
Bromoform	0.3060	0.2615	0.1000	14.500	25.00
4-Methyl-2-pentanone	0.5020	0.4362	0.0100	13.100	100.00
2-Hexanone	0.4530	0.4233	0.0100	6.600	100.00
Tetrachloroethene	0.3370	0.3104	0.2000	7.900	25.00
Toluene	1.3340	1.1625	0.4000	12.800	25.00
1,1,2,2-Tetrachloroethane	0.3990	0.3447	0.3000	13.600	25.00
Chlorobenzene	0.9600	0.8531	0.5000	11.100	25.00
Ethylbenzene	0.4930	0.4357	0.1000	11.600	25.00
Styrene	1.0220	0.9114	0.3000	10.800	25.00
Total Xylenes	0.6100	0.5435	0.3000	10.900	25.00
1,2-Dichlorobenzene	0.7950	0.7661	0.4000	3.600	25.00
1,3-Dichlorobenzene	0.8270	0.7898	0.6000	4.500	25.00
1,4-Dichlorobenzene	0.8450	0.7898	0.5000	6.500	25.00
1,2-Dibromoethane	0.3570	0.3285	0.0100	8.000	100.00

VOLATILE 3/90, CLP 0LM3.2, ASP '91
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7C0000610-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Lab File Id: Q9093.RR Calibration Date: 03/10/2007 Time: 11:21

Intrument ID: HP5973Q Init. Calib. Date(s): 03/05/2007 03/05/2007

Heated Purge (Y/N): Y N MT 3/16/2007 Init. Calib. Times: 12:48 14:41

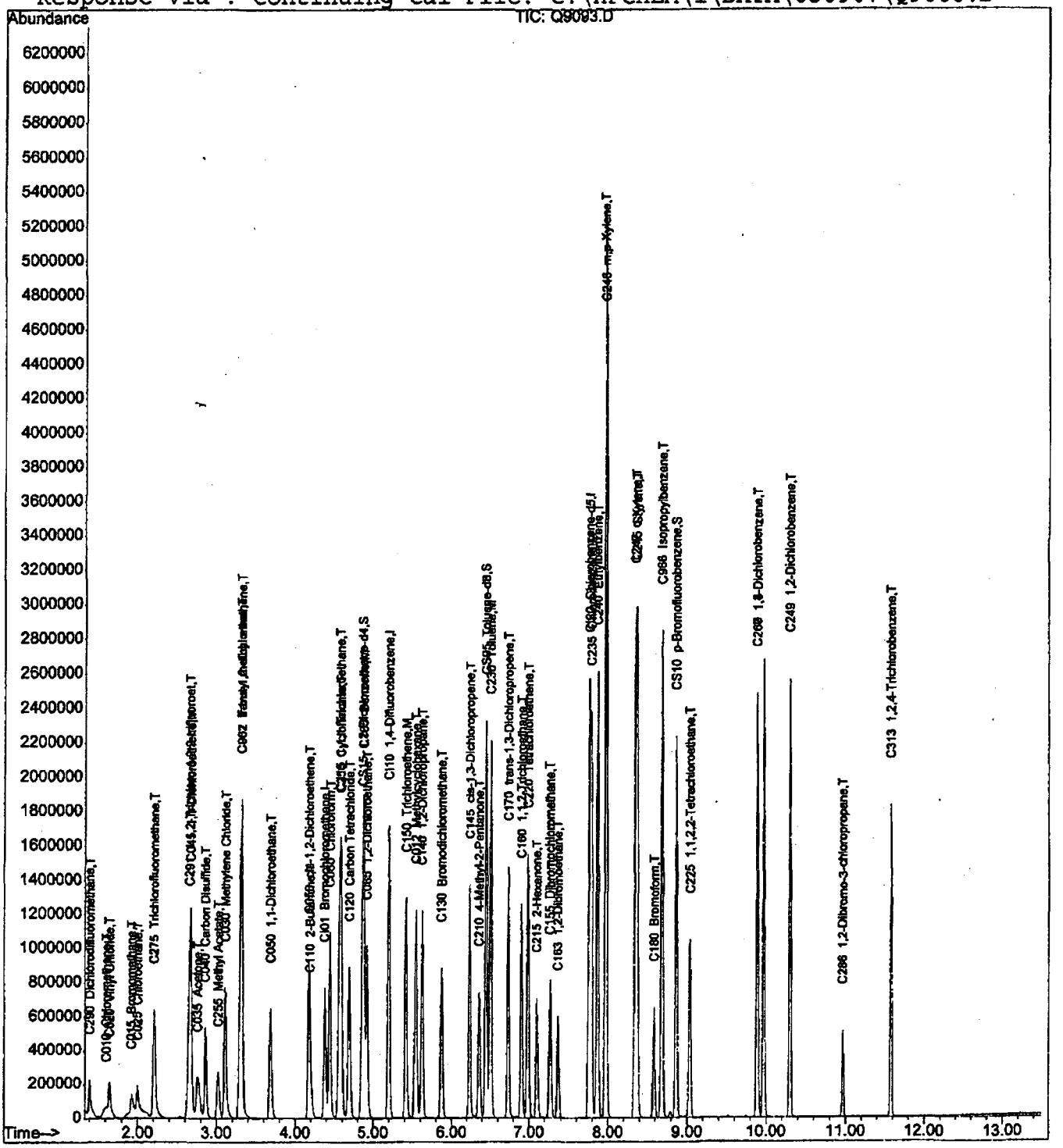
GC Column: DBS-624 ID: 0.18 (mm)

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Dichlorodifluoromethane	1.5450	1.2529	0.0100	18.900	100.00
Trichlorofluoromethane	2.9990	3.4889	0.0100	-16.300	100.00
Methyl acetate	2.1810	2.1640	0.0100	0.800	100.00
Cyclohexane	0.4430	0.3993	0.0100	9.900	100.00
Methyl-t-Butyl Ether (MTBE)	6.9690	7.1540	0.0100	-2.600	100.00
1,1,2-Trichloro-1,2,2-trifluoro	1.6100	1.8163	0.0100	-12.800	100.00
Isopropylbenzene	1.6010	1.6095	0.0100	-0.500	100.00
1,2,4-Trichlorobenzene	0.4680	0.3944	0.2000	15.700	25.00
Methylcyclohexane	0.4070	0.3762	0.0100	7.600	100.00
1,2-Dichloroethane-D4	3.2570	3.9211	0.0100	-20.400	100.00
Toluene-D8	1.2140	1.1625	0.0100	4.200	100.00
p-Bromofluorobenzene	0.5070	0.5364	0.2000	-5.800	25.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\031007\Q9093.D Vial: 55
Acq On : 10 Mar 2007 11:21 Operator: JLG
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 11:41 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030907\Q9068.D



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\031007\Q9093.D Vial: 55
Acq On : 10 Mar 2007 11:21 Operator: JLG
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 11:41 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030907\Q9068.D (9 Mar 2007 21:57)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.39	128	190066	250.00	ng		0.00 102.65%
22) CI10	1,4-Difluorobenzene	5.20	114	1141004	250.00	ng		0.00 100.79%
36) CI20	Chlorobenzene-d5	7.76	117	1142666	250.00	ng		0.00 101.13%
System Monitoring Compounds								
19) CS15	1,2-Dichloroethane-d	4.86	65	745269	245.08	ng		0.00
Spiked Amount	250.000	Range	76 - 114		Recovery =		98.03%	
42) CS05	Toluene-d8	6.45	98	1328346	251.72	ng		0.00
Spiked Amount	250.000	Range	88 - 110		Recovery =		100.69%	
48) CS10	p-Bromofluorobenzene	8.86	95	612966	254.75	ng		0.00
Spiked Amount	250.000	Range	86 - 115		Recovery =		101.90%	
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.40	85	238131	217.27	ng		100
3) C010	Chloromethane	1.61	50	187520	211.97	ng		98
4) C015	Bromomethane	1.92	94	94203	220.22	ng		98
5) C020	Vinyl Chloride	1.65	62	188020	223.90	ng		98
6) C025	Chloroethane	2.00	64	153970	206.34	ng		98
7) C030	Methylene Chloride	3.11	84	313605	237.92	ng		95
8) C035	Acetone	2.76	43	496741	316.51	ng		78
9) C040	Carbon Disulfide	2.86	76	679024	231.53	ng		100
10) C275	Trichlorofluorometha	2.21	101	663113	224.50	ng		99
11) C045	1,1-Dichloroethene	2.67	96	263203	229.56	ng	#	70
12) C291	1,1,2-Trichloro-1,2,	2.65	101	345212	232.16	ng	#	82
13) C962	T-butyl methyl ether	3.31	73	1359737	239.95	ng	#	89
14) C050	1,1-Dichloroethane	3.69	63	607700	236.51	ng		98
15) C255	Methyl Acetate	3.02	43	411307	243.91	ng		92
16) C057	trans-1,2-dichloroet	3.32	96	279589	234.43	ng		95
17) C056	cis-1,2-Dichloroethe	4.18	96	306668	235.58	ng		91
18) C060	Chloroform	4.45	83	726720	235.02	ng		97
20) C065	1,2-Dichloroethane	4.92	62	895314	236.78	ng		99
21) C110	2-Butanone	4.20	43	359853	279.31	ng		99
23) C256	Cyclohexane	4.59	56	455631	238.92	ng		94
24) C012	Methylcyclohexane	5.54	83	429249	235.97	ng		93
25) C115	1,1,1-Trichloroethan	4.57	97	741737	232.53	ng		99
26) C120	Carbon Tetrachloride	4.70	117	593403	225.31	ng		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\031007\Q9093.D Vial: 55
Acq On : 10 Mar 2007 11:21 Operator: JLG
Sample : VSTD050 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 11:41 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
27)	C130	Bromodichloromethane	5.87	83	526398	231.62	ng		95
28)	C140	1,2-Dichloropropane	5.62	63	276237	241.21	ng		99
29)	C145	cis-1,3-Dichloroprop	6.24	75	558261	238.02	ng		98
30)	C150	Trichloroethene	5.42	130	355965	237.00	ng		97
31)	C165	Benzene	4.88	78	1128371	239.30	ng		97
32)	C155	Dibromochloromethane	7.26	129	403315	224.96	ng		100
33)	C170	trans-1,3-Dichloropr	6.73	75	638184	236.06	ng		98
34)	C160	1,1,2-Trichloroethan	6.90	97	311210	239.77	ng		100
35)	C180	Bromoform	8.59	173	298320	215.44	ng		97
37)	C163	1,2-Dibromoethane	7.36	107	375378	247.37	ng		98
38)	C210	4-Methyl-2-Pentanone	6.36	43	498427	238.60	ng		95
39)	C215	2-Hexanone	7.10	43	483735	243.36	ng		89
40)	C220	Tetrachloroethene	6.99	164	354627	235.53	ng	#	93
41)	C225	1,1,2,2-Tetrachloroe	9.03	83	393878	236.09	ng		97
43)	C230	Toluene	6.51	91	1328335	238.33	ng		93
44)	C235	Chlorobenzene	7.79	112	974769	237.42	ng		99
45)	C240	Ethylbenzene	7.87	106	497885	237.87	ng		91
46)	C246	m,p-Xylene	7.97	106	1311642	478.05	ng		93
47)	C247	o-Xylene	8.35	106	620988	238.59	ng		94
49)	C245	Styrene	8.37	104	1041463	239.82	ng		92
50)	C966	Isopropylbenzene	8.69	105	1839098	242.73	ng		95
51)	C260	1,3-Dichlorobenzene	9.89	146	902421	240.57	ng		93
52)	C267	1,4-Dichlorobenzene	9.89	146	902421	240.57	ng	#	90
53)	C249	1,2-Dichlorobenzene	10.30	146	875370	240.90	ng	#	91
54)	C286	1,2-Dibromo-3-chloro	10.96	75	103060	221.55	ng		98
55)	C313	1,2,4-Trichlorobenze	11.58	180	450722	233.74	ng		98

(#) = qualifier out of range (m) = manual integration

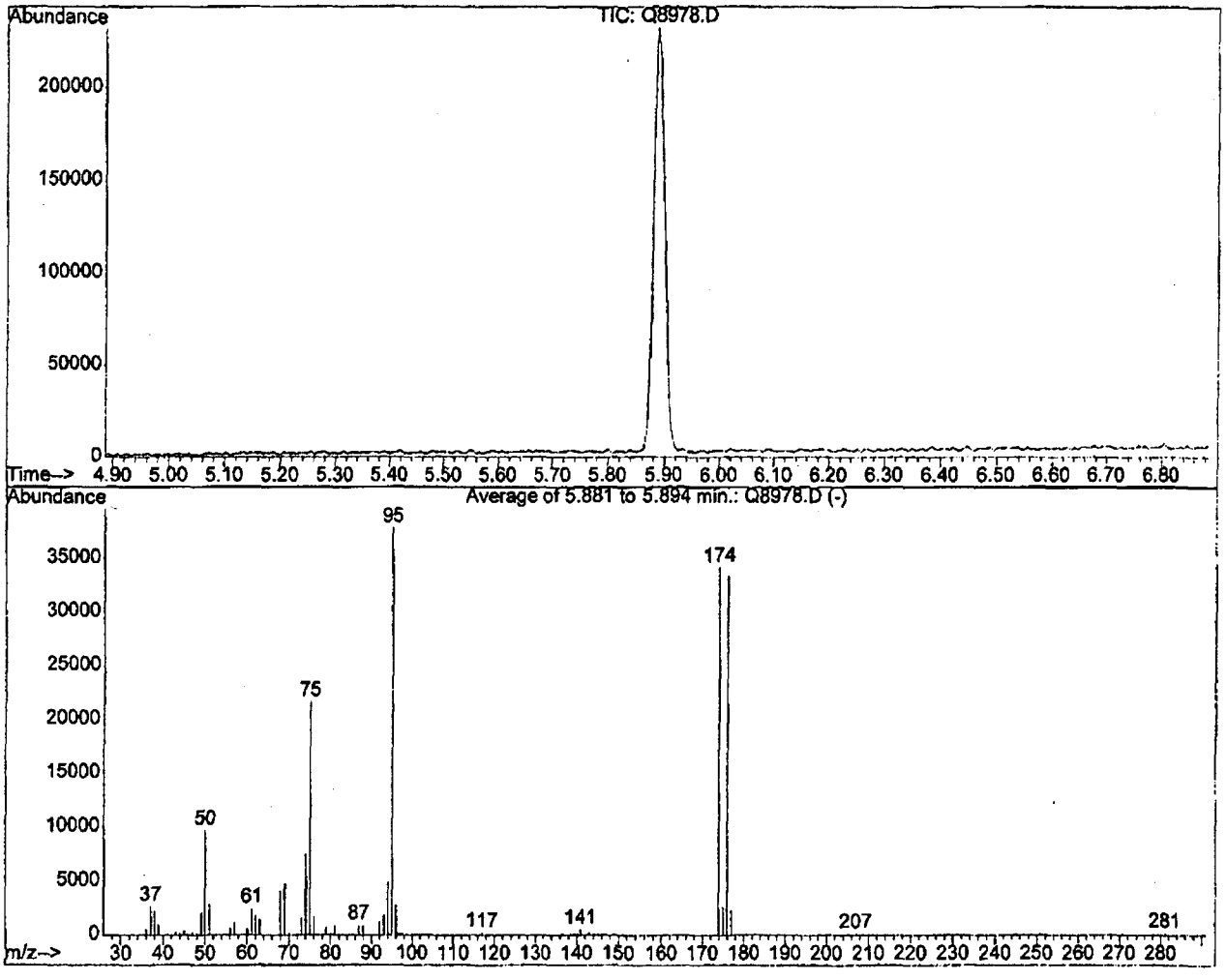
Raw QC Data

BFB Tune Evaluation

AIT..2903

Data File : C:\HPCHEM\1\DATA\030507\Q8978.D
Acq On : 5 Mar 2007 7:47
Sample : 0305BFBQ1
Misc :
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS

Vial: 1
Operator: JMB
Inst : HP5973 Q
Multiplr: 1.00



Peak Apex is scan: 789 (5.89 min)
Average of 3 scans: 788,789,790 minus background scan 769 (5.77 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	8	40	25.7	9721	PASS
75	95	30	66	57.3	21669	PASS
95	95	100	100	100.0	37837	PASS
96	95	5	9	7.4	2805	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	90.4	34197	PASS
175	174	4	9	7.9	2686	PASS
176	174	93	101	97.8	33429	PASS
177	176	5	9	6.8	2267	PASS

Average of 5.881 to 5.894 min.: Q8978.D
0305BFBQ1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	598	56.05	709	75.00	21669	117.00	258
37.10	2681	57.05	1223	76.05	1708	140.95	555
38.05	2226	60.05	600	78.95	670	143.00	281
39.00	1019	61.10	2477	80.95	936	173.90	34197
43.05	295	62.00	1870	87.00	953	174.95	2686
44.00	193	63.00	1571	88.00	923	175.90	33429
45.00	447	68.00	4136	92.00	1291	176.95	2267
47.05	321	69.00	4795	93.05	1873	207.10	191
49.05	2149	70.10	231	94.00	4999	281.10	246
50.00	9721	73.00	1635	95.00	37837		
51.05	2945	74.05	7491	96.00	2805		

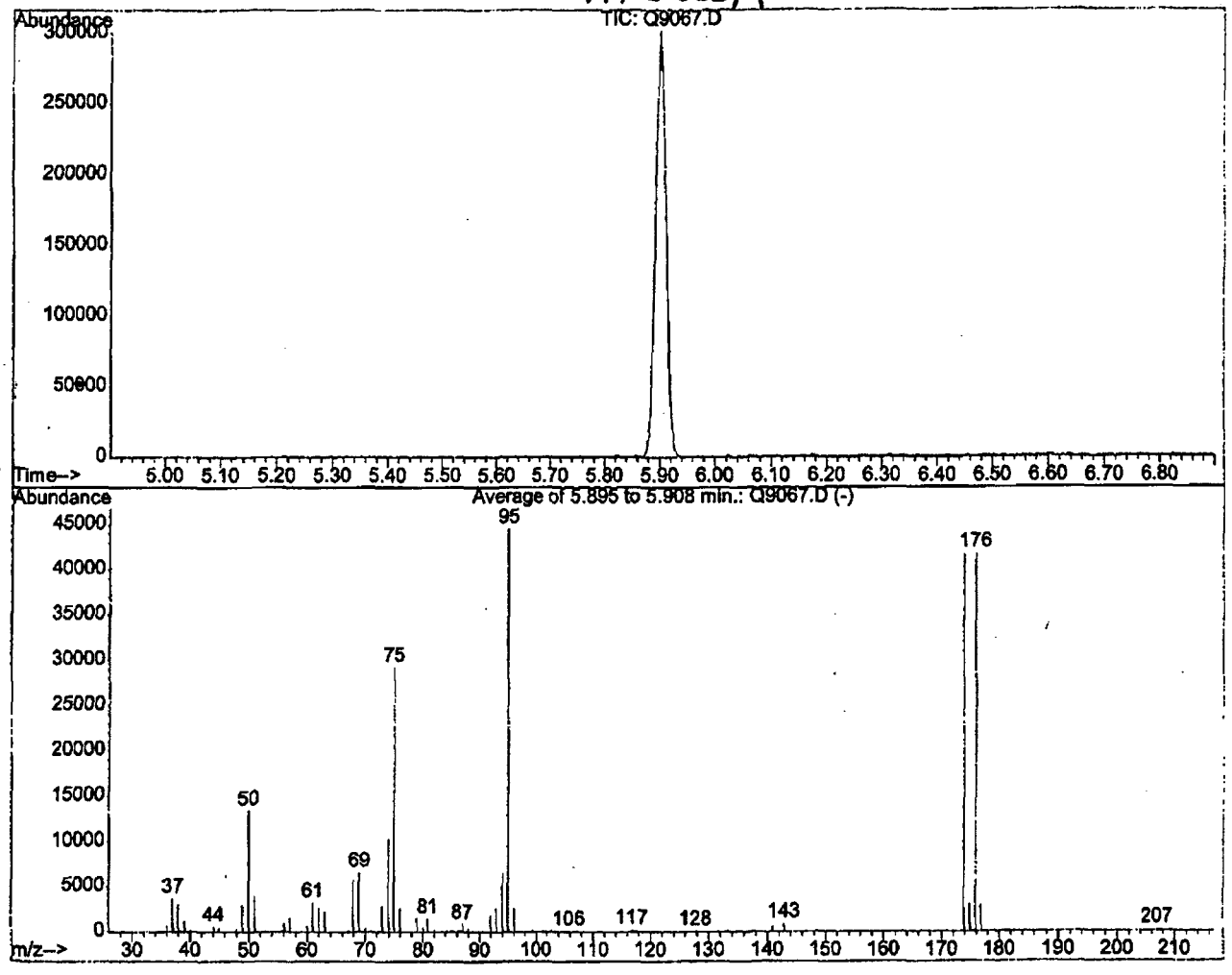
196/412
A7I... 2959
A7C... 0607

BFB Tune Evaluation

Data File : C:\HPCHEM\1\DATA\030907\Q9067.D
Acq On : 9 Mar 2007 21:32
Sample : 0309BFBQ2
Misc :
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS

Vial: 24
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

A7B 033/9



Peak Apex is scan: 791 (5.90 min)
Average of 3 scans: 790,791,792 minus background scan 771 (5.78 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	8	40	30.2	13452	PASS
75	95	30	66	65.6	29277	PASS
95	95	100	100	100.0	44597	PASS
96	95	5	9	5.9	2641	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	93.5	41688	PASS
175	174	4	9	7.5	3112	PASS
176	174	93	101	100.3	41803	PASS
177	176	5	9	7.0	2947	PASS

Q9067.D A7I00174.M Fri Mar 09 21:42:55 2007 HP5973-Q

Average of 5.895 to 5.908 min.: Q9067.D
0309BFBQ2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	761	56.05	998	75.00	29277	95.00	44597
37.10	3739	57.05	1642	76.05	2659	96.05	2641
38.05	3189	60.05	686	78.95	1579	116.90	311
39.10	1231	61.00	3259	80.05	542	140.90	620
40.00	288	62.05	2718	80.90	1507	142.95	932
44.10	603	63.05	2290	82.00	281	173.90	41688
45.00	540	68.00	5763	87.00	887	174.95	3112
47.95	459	69.00	6624	87.90	501	175.90	41803
49.00	3068	70.00	454	92.05	1881	176.90	2947
50.00	13452	73.00	2961	93.00	2706		
51.05	3952	74.00	10368	94.05	6561		

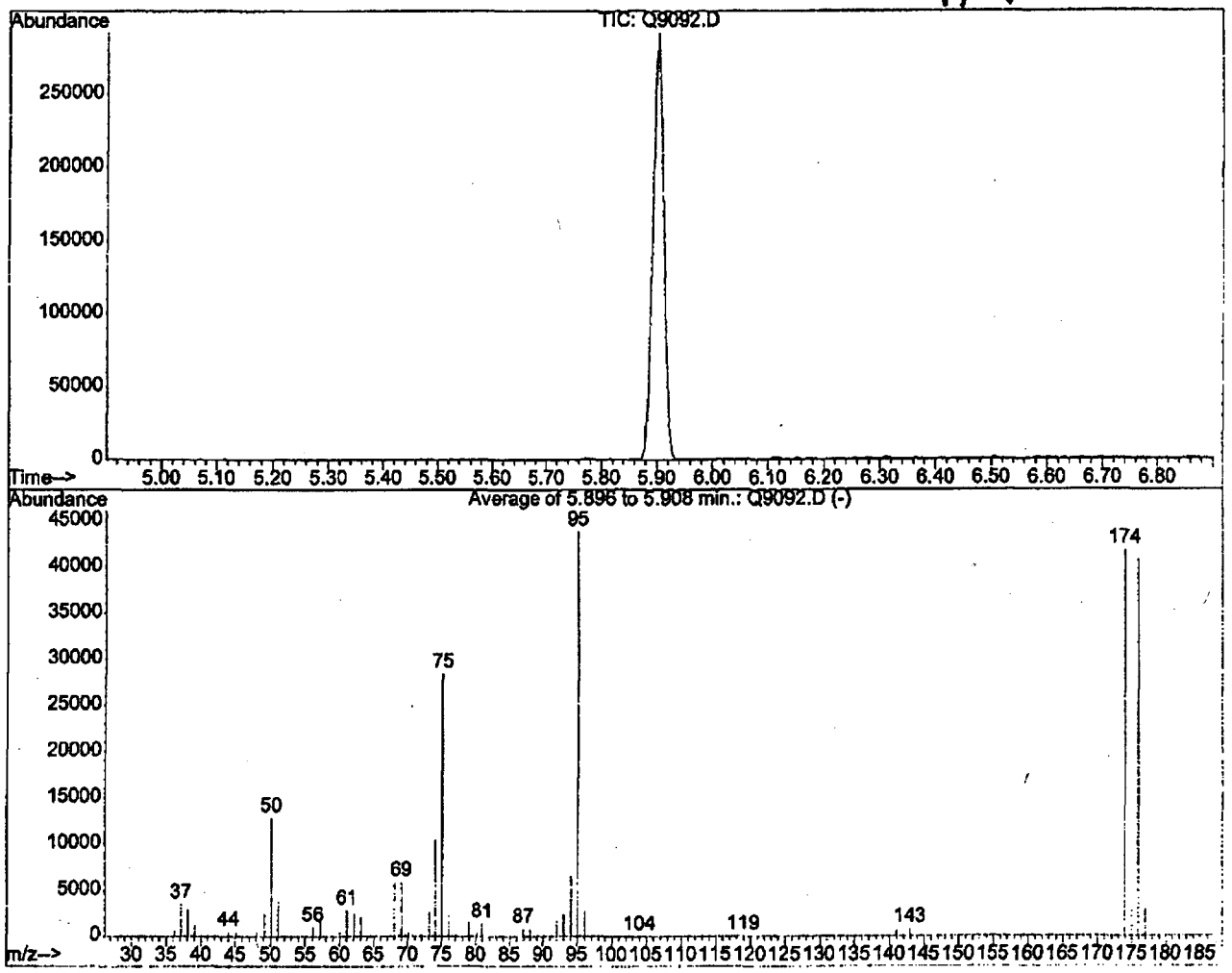
A7B03335

BFB Tune Evaluation

Data File : C:\HPCHEM\1\DATA\031007\Q9092.D
Acq On : 10 Mar 2007 10:58
Sample : 0310BFBQ1
Misc :
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS

Vial: 54
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

A7T...2962



Peak Apex is scan: 791 (5.90 min)
Average of 3 scans: 790,791,792 minus background scan 771 (5.78 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	8	40	29.5	12950	PASS
75	95	30	66	64.8	28483	PASS
95	95	100	100	100.0	43928	PASS
96	95	5	9	6.3	2776	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	95.3	41843	PASS
175	174	4	9	7.4	3115	PASS
176	174	93	101	97.5	40803	PASS
177	176	5	9	7.4	3037	PASS

Q9092.D A7I00174.M Sat Mar 10 11:07:02 2007 HP5973-Q

Average of 5.896 to 5.908 min.: Q9092.D
0310BFBQ1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	624	57.05	1751	75.00	28483	96.05	2776
37.05	3598	59.95	545	76.00	2463	140.95	684
38.05	3002	61.00	2926	78.95	1605	142.95	847
39.00	1240	62.05	2615	80.05	433	173.95	41843
43.95	587	63.05	2114	80.90	1477	175.00	3115
45.05	498	68.00	5968	86.95	906	175.90	40803
48.00	468	69.00	5978	87.95	764	176.95	3037
49.05	2493	70.10	473	92.05	1726		
50.05	12950	72.05	272	93.00	2461		
51.05	3815	73.10	2744	94.05	6608		
56.05	1090	74.00	10550	95.00	43928		

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0331902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9070.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLMO4.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0331902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9070.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0331902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9070.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

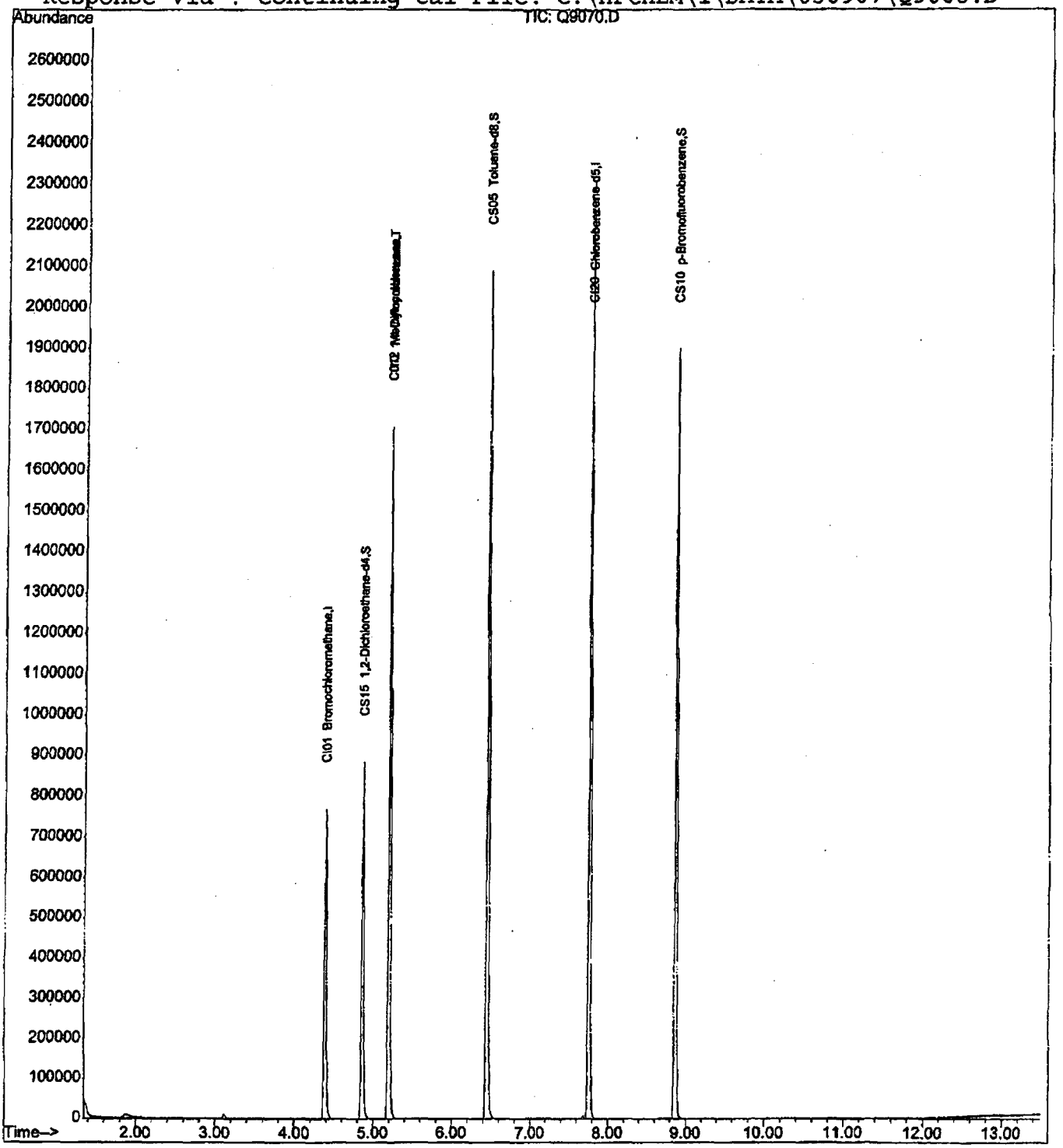
Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030907\Q9070.D Vial: 27
Acq On : 9 Mar 2007 23:01 Operator: JLG
Sample : VBLK58 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 9 23:20 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030907\Q9068.D



204/412 No TIC

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030907\Q9070.D Vial: 27
Acq On : 9 Mar 2007 23:01 Operator: JLG
Sample : VBLK58 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 9 23:20 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator) SLE 3/09/07
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030907\Q9068.D (9 Mar 2007 21:57)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.38	128	179513	250.00	ng	0.00 96.95%
22) CI10	1,4-Difluorobenzene	5.20	114	1076045	250.00	ng	0.00 95.05%
36) CI20	Chlorobenzene-d5	7.76	117	1032059	250.00	ng	0.00 91.34%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	723542	251.92	ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery =	100.77%		
42) CS05	Toluene-d8	6.45	98	1221794	256.34	ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery =	102.54%		
48) CS10	p-Bromofluorobenzene	8.86	95	528825	243.33	ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery =	97.33%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	1.56	50	143	N.D.		
4) C015	Bromomethane	1.94	94	646	N.D.		
5) C020	Vinyl Chloride	0.00	62	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C030	Methylene Chloride	3.11	84	3674	N.D.		
8) C035	Acetone	2.77	43	833	N.D.		
9) C040	Carbon Disulfide	0.00	76	0	N.D.		
10) C275	Trichlorofluorometha	0.00	101	0	N.D.		
11) C045	1,1-Dichloroethene	0.00	96	0	N.D.		
12) C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
13) C962	T-butyl methyl ether	0.00	73	0	N.D.		
14) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
15) C255	Methyl Acetate	2.77	43	833	N.D.		
16) C057	trans-1,2-dichloroet	0.00	96	0	N.D.		
17) C056	cis-1,2-Dichloroethe	4.38	96	743	N.D.		
18) C060	Chloroform	0.00	83	0	N.D.		
20) C065	1,2-Dichloroethane	0.00	62	0	N.D.		
21) C110	2-Butanone	0.00	43	0	N.D.		
23) C256	Cyclohexane	0.00	56	0	N.D.		
24) C012	Methylcyclohexane	5.20	83	16956	9.88	ng	# 33
25) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
26) C120	Carbon Tetrachloride	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration

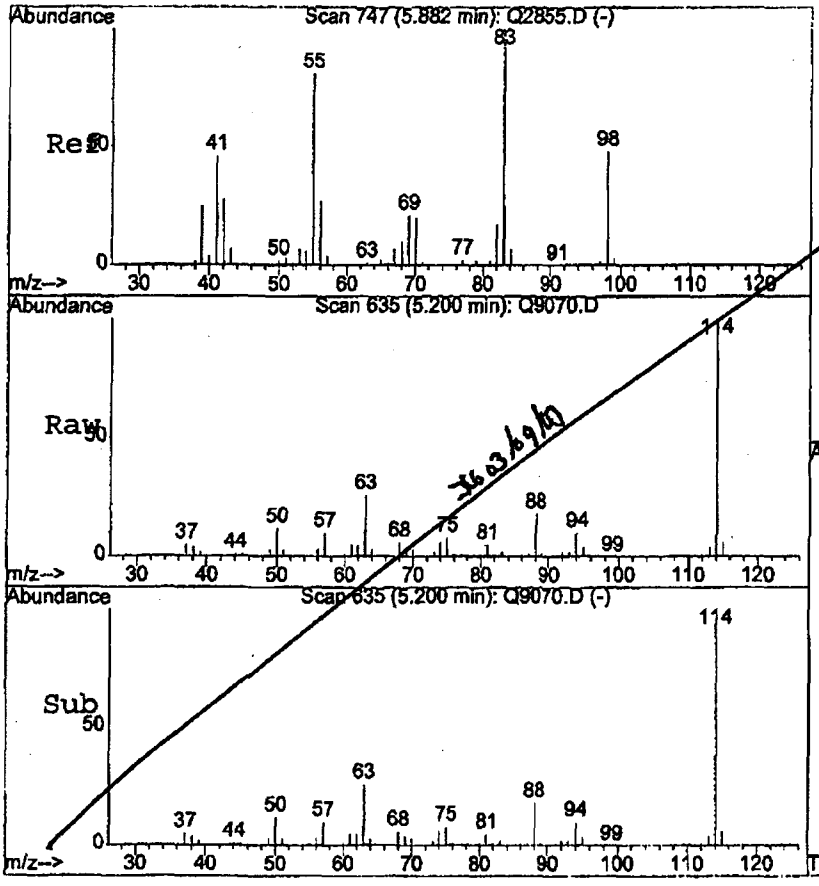
Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030907\Q9070.D Vial: 27
Acq On : 9 Mar 2007 23:01 Operator: JLG
Sample : VBLK58 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 9 23:20 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
27)	C130	Bromodichloromethane	5.54	83	162	N.D.	
28)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
29)	C145	cis-1,3-Dichloroprop	6.45	75	147	N.D.	
30)	C150	Trichloroethene	0.00	130	0	N.D.	
31)	C165	Benzene	4.89	78	857	N.D.	
32)	C155	Dibromochloromethane	0.00	129	0	N.D.	
33)	C170	trans-1,3-Dichloropr	6.45	75	147	N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	97	0	N.D.	
35)	C180	Bromoform	0.00	173	0	N.D.	
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
38)	C210	4-Methyl-2-Pentanone	6.45	43	9069	N.D.	
39)	C215	2-Hexanone	7.76	43	1545	N.D.	
40)	C220	Tetrachloroethene	0.00	164	0	N.D.	
41)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
43)	C230	Toluene	6.50	91	1677	N.D.	
44)	C235	Chlorobenzene	7.79	112	2055	N.D.	
45)	C240	Ethylbenzene	0.00	106	0	N.D.	
46)	C246	m,p-Xylene	0.00	106	0	N.D.	
47)	C247	o-Xylene	8.86	106	2352	N.D.	
49)	C245	Styrene	8.86	104	2942	N.D.	
50)	C966	Isopropylbenzene	8.69	105	435	N.D.	
51)	C260	1,3-Dichlorobenzene	9.89	146	293	N.D.	
52)	C267	1,4-Dichlorobenzene	9.89	146	293	N.D.	
53)	C249	1,2-Dichlorobenzene	10.30	146	153	N.D.	
54)	C286	1,2-Dibromo-3-chloro	0.00	75	0	N.D.	
55)	C313	1,2,4-Trichlorobenze	11.58	180	909	N.D.	

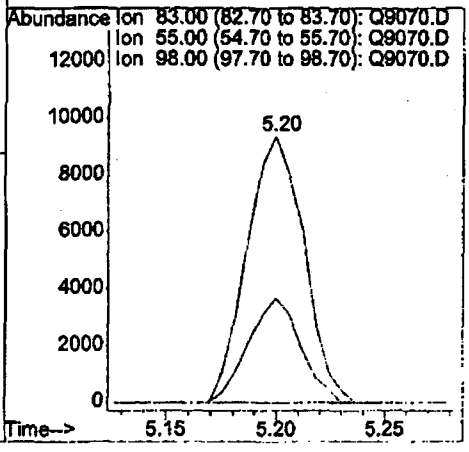
(#) = qualifier out of range (m) = manual integration



#24
C012 Methylcyclohexane
Concen: 9.88 ng
RT: 5.20 min Scan# 635
Delta R.T. -0.34 min
Lab File: Q9070.D
Acq: 9 Mar 2007 23:01

Tgt Ion: 83 Resp: 16956

Ion	Ratio	Lower	Upper
83	100		
55	36.1	81.0	121.6#
98	0.0	38.9	58.3#



Tentatively Identified Compound (LSC) summary

Operator ID: JLG Date Acquired: 9 Mar 2007 23:01
Data File: C:\HPCHEM\1\DATA\030907\Q9070.D
Name: VBLK58
Misc:
Method: C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title: CLPOLM04.2 WATERS
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Q9070.D A7I00174.M Fri Mar 09 23:21:26 2007 HP5973-Q

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0333502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9095.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0333502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9095.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

VBLK59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0333502

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9095.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

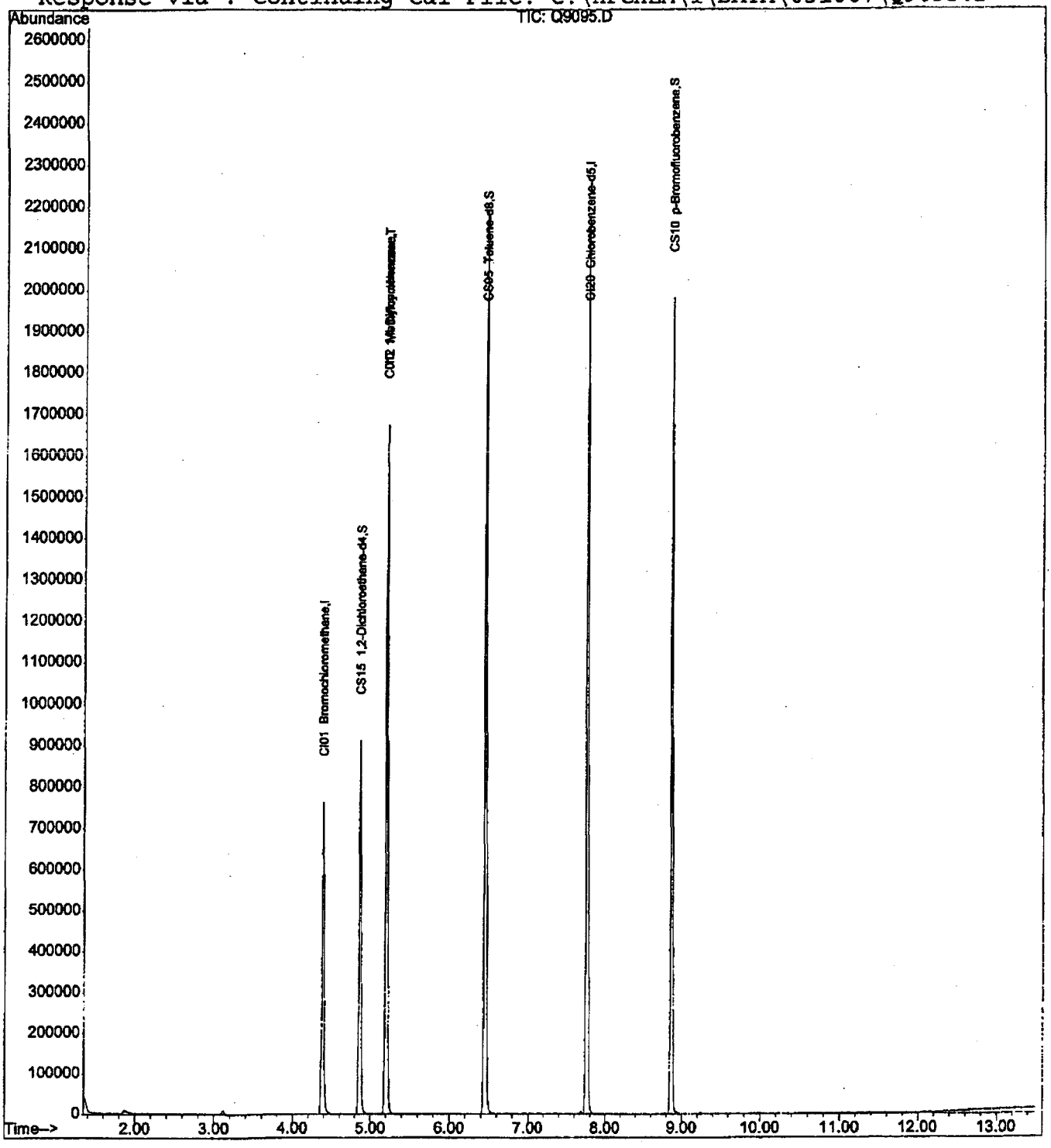
Number TICs found: 0 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

Quantitation Report

Data File : C:\HPCHEM\1\DATA\031007\Q9095.D Vial: 57
Acq On : 10 Mar 2007 12:28 Operator: JLG
Sample : VBLK59 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 14:11 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\031007\Q9093.D



No TIC

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\031007\Q9095.D Vial: 57
Acq On : 10 Mar 2007 12:28 Operator: JLG
Sample : VBLK59 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 14:11 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single (C:\HPCHEM\1\DATA\031007\Q9093.D 10 Mar 2007 11:21)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\031007\Q9093.D (10 Mar 2007 11:21)

SJE 3/11/07

		Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI01	Bromochloromethane	4.39	128	178874	250.00	ng	0.00 94.11%
22)	CI10	1,4-Difluorobenzene	5.20	114	1072798	250.00	ng	0.00 94.02%
36)	CI20	Chlorobenzene-d5	7.76	117	1034562	250.00	ng	0.00 90.54%
		System Monitoring Compounds						
19)	CS15	1,2-Dichloroethane-d	4.86	65	735404	262.13	ng	0.00
		Spiked Amount 250.000 Range 76 - 114 Recovery = 104.85%						
42)	CS05	Toluene-d8	6.45	98	1219057	253.41	ng	0.00
		Spiked Amount 250.000 Range 88 - 110 Recovery = 101.36%						
48)	CS10	p-Bromofluorobenzene	8.86	95	529226	238.40	ng	0.00
		Spiked Amount 250.000 Range 86 - 115 Recovery = 95.36%						
		Target Compounds						Qvalue
2)	C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3)	C010	Chloromethane	0.00	50	0	N.D.		
4)	C015	Bromomethane	1.95	94	185	N.D.		
5)	C020	Vinyl Chloride	0.00	62	0	N.D.		
6)	C025	Chloroethane	0.00	64	0	N.D.		
7)	C030	Methylene Chloride	3.12	84	2804	N.D.		
8)	C035	Acetone	2.76	43	1806	N.D.		
9)	C040	Carbon Disulfide	0.00	76	0	N.D.		
10)	C275	Trichlorofluorometha	0.00	101	0	N.D.		
11)	C045	1,1-Dichloroethene	0.00	96	0	N.D.		
12)	C291	1,1,2-Trichloro-1,2,	0.00	101	0	N.D.		
13)	C962	T-butyl methyl ether	0.00	73	0	N.D.		
14)	C050	1,1-Dichloroethane	0.00	63	0	N.D.		
15)	C255	Methyl Acetate	3.16	43	136	N.D.		
16)	C057	trans-1,2-dichloroet	0.00	96	0	N.D.		
17)	C056	cis-1,2-Dichloroethe	4.38	96	501	N.D.		
18)	C060	Chloroform	0.00	83	0	N.D.		
20)	C065	1,2-Dichloroethane	0.00	62	0	N.D.		
21)	C110	2-Butanone	0.00	43	0	N.D.		
23)	C256	Cyclohexane	0.00	56	0	N.D.		
~~24)~~	~~C012~~	~~Methylcyclohexane~~	~~5.20~~	~~83~~	~~17366~~	~~10.76~~	~~ng~~	~~# 31~~
25)	C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
26)	C120	Carbon Tetrachloride	0.00	117	0	N.D.		

3/11/07

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

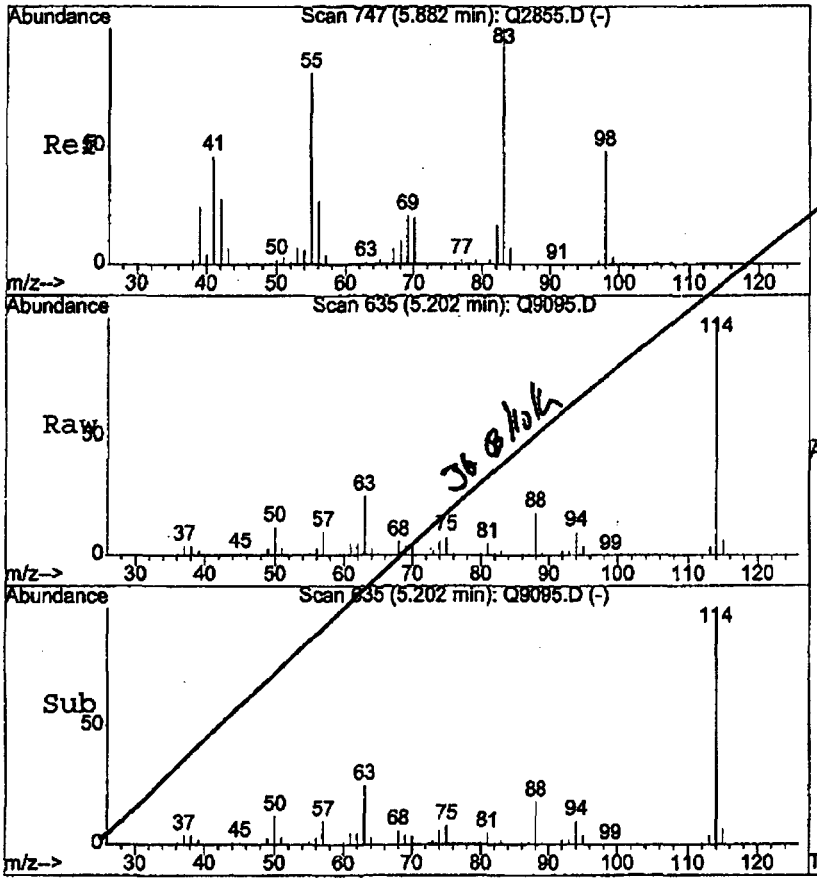
Data File : C:\HPCHEM\1\DATA\031007\Q9095.D Vial: 57
Acq On : 10 Mar 2007 12:28 Operator: JLG
Sample : VBLK59 Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 14:11 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single (C:\HPCHEM\1\DATA\031007\Q9093.D 10 Mar 2007 11:21)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
27)	C130	Bromodichloromethane	5.54	83	178	N.D.	
28)	C140	1,2-Dichloropropane	0.00	63	0	N.D.	
29)	C145	cis-1,3-Dichloroprop	6.45	75	150	N.D.	
30)	C150	Trichloroethene	5.43	130	132	N.D.	
31)	C165	Benzene	4.88	78	637	N.D.	
32)	C155	Dibromochloromethane	0.00	129	0	N.D.	
33)	C170	trans-1,3-Dichloropr	6.45	75	150	N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	97	0	N.D.	
35)	C180	Bromoform	8.89	173	223	N.D.	
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
38)	C210	4-Methyl-2-Pentanone	6.45	43	8759	N.D.	
39)	C215	2-Hexanone	7.76	43	1750	N.D.	
40)	C220	Tetrachloroethene	0.00	164	0	N.D.	
41)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.	
43)	C230	Toluene	6.51	91	2188	N.D.	
44)	C235	Chlorobenzene	7.79	112	1625	N.D.	
45)	C240	Ethylbenzene	0.00	106	0	N.D.	
46)	C246	m,p-Xylene	0.00	106	0	N.D.	
47)	C247	o-Xylene	8.86	106	2302	N.D.	
49)	C245	Styrene	8.86	104	2293	N.D.	
50)	C966	Isopropylbenzene	8.69	105	332	N.D.	
51)	C260	1,3-Dichlorobenzene	9.89	146	147	N.D.	
52)	C267	1,4-Dichlorobenzene	9.89	146	147	N.D.	
53)	C249	1,2-Dichlorobenzene	10.31	146	140	N.D.	
54)	C286	1,2-Dibromo-3-chloro	0.00	75	0	N.D.	
55)	C313	1,2,4-Trichlorobenze	11.58	180	801	N.D.	

3/16/07

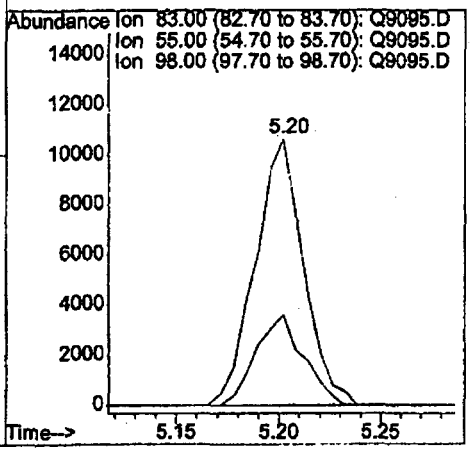
(#) = qualifier out of range (m) = manual integration



#24
C012 Methylcyclohexane
Concen: 10.76 ng
RT: 5.20 min Scan# 635
Delta R.T. -0.34 min
Lab File: Q9095.D
Acq: 10 Mar 2007 12:28

Tgt Ion: 83 Resp: 17366

Ion	Ratio	Lower	Upper
83	100		
55	33.3	81.0	121.6#
98	0.0	38.9	58.3#



Tentatively Identified Compound (LSC) summary

Operator ID: JLG Date Acquired: 10 Mar 2007 12:28
Data File: C:\HPCHEM\1\DATA\031007\Q9095.D
Name: VBLK59
Misc:
Method: C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title: CLPOLM04.2 WATERS
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Q9095.D A7I00174.M Sat Mar 10 14:15:01 2007 HP5973-Q

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.: MSB58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0331901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9069.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	56	
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	53	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	53	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	53	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	53	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.: MSB58

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0331901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9069.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

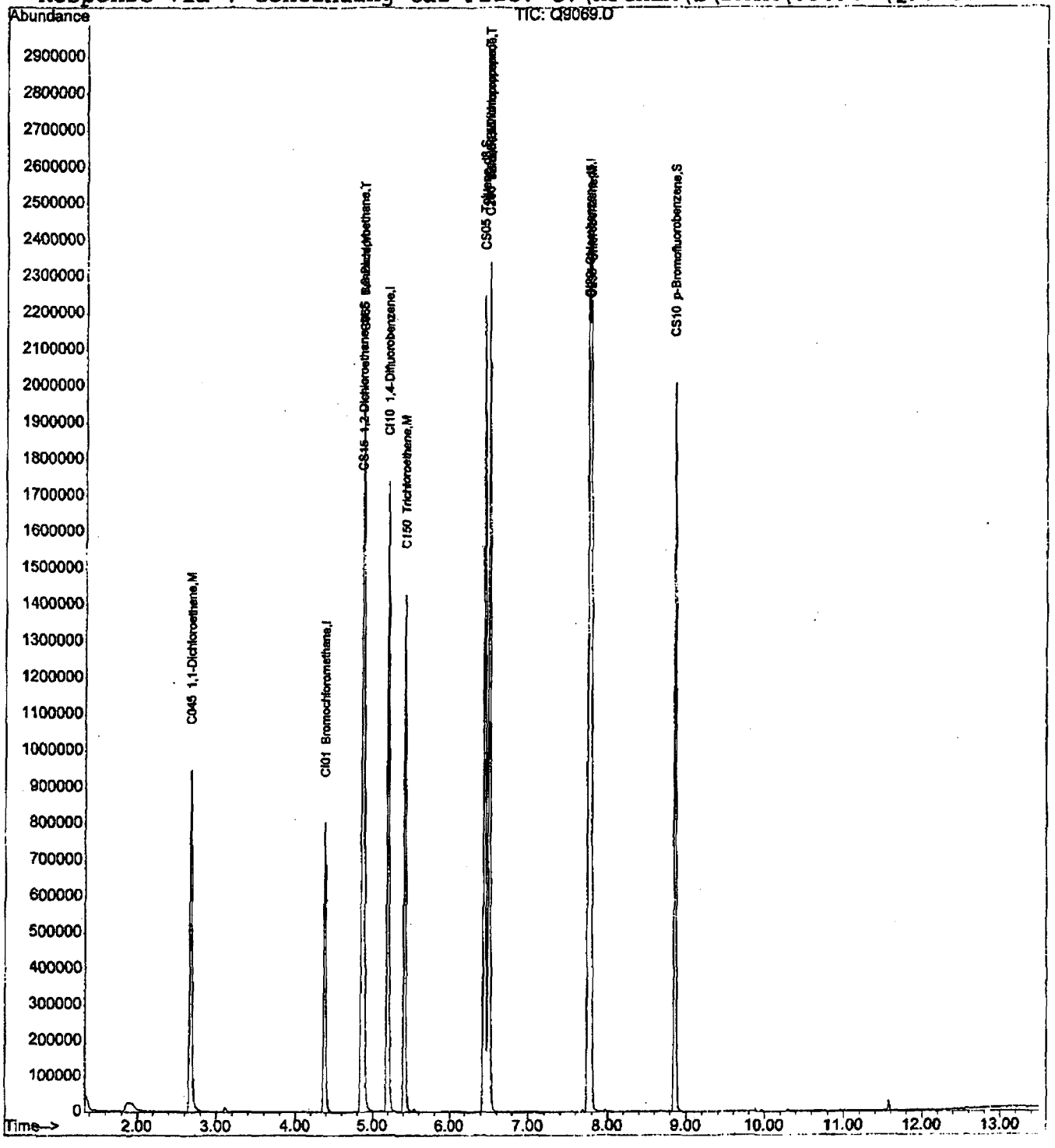
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\030907\Q9069.D Vial: 26
Acq On : 9 Mar 2007 22:32 Operator: JLG
Sample : MSB Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 9 22:57 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\030907\Q9068.D



Quantitation Report STL Buffalo 219/412 No TIC

Data File : C:\HPCHEM\1\DATA\030907\Q9069.D Vial: 26
Acq On : 9 Mar 2007 22:32 Operator: JLG
Sample : MSB Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 9 22:57 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\030907\Q9068.D (9 Mar 2007 21:57)

GLE 3/03/09/07

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.38	128	184046	250.00	ng	0.00 99.40%
22) CI10	1,4-Difluorobenzene	5.20	114	1113670	250.00	ng	0.00 98.37%
36) CI20	Chlorobenzene-d5	7.76	117	1088132	250.00	ng	0.00 96.31%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	739429	251.11	ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery =	100.44%		
42) CS05	Toluene-d8	6.45	98	1264903	251.71	ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery =	100.68%		
48) CS10	p-Bromofluorobenzene	8.86	95	549218	239.70	ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery =	95.88%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	1.56	50	521	N.D.		
4) C015	Bromomethane	1.93	94	1920	N.D.		
5) C020	Vinyl Chloride	0.00	62	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C030	Methylene Chloride	3.12	84	5094	N.D.		
8) C035	Acetone	2.75	43	1877	N.D.		
9) C040	Carbon Disulfide	2.87	76	921	N.D.		
10) C275	Trichlorofluorometha	2.68	101	570	N.D.		
11) C045	1,1-Dichloroethene	2.68	96	311212	280.31	ng #	71
12) C291	1,1,2-Trichloro-1,2,	2.69	101	756	N.D.		
13) C962	T-butyl methyl ether	3.31	73	149	N.D.		
14) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
15) C255	Methyl Acetate	3.03	43	223	N.D.		
16) C057	trans-1,2-dichloroet	0.00	96	0	N.D.		
17) C056	cis-1,2-Dichloroethe	4.38	96	687	N.D.		
18) C060	Chloroform	4.45	83	347	N.D.		
20) C065	1,2-Dichloroethane	4.88	62	20178	5.51	ng	85
21) C110	2-Butanone	4.23	43	941	N.D.		
23) C256	Cyclohexane	4.59	56	359	N.D.		
24) C012	Methylcyclohexane	5.54	83	3235	N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
26) C120	Carbon Tetrachloride	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\030907\Q9069.D Vial: 26
Acq On : 9 Mar 2007 22:32 Operator: JLG
Sample : MSB Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 9 22:57 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Fri Mar 09 22:57:31 2007
Response via : Single (C:\HPCHEM\1\DATA\030907\Q9068.D 9 Mar 2007 21:57)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
27)	C130	Bromodichloromethane	5.54	83	3235	N.D.		
28)	C140	1,2-Dichloropropane	5.41	63	1951	N.D.		
~~29)~~	~~C145~~	~~cis-1,3-Dichloroprop~~	~~6.51~~	~~75~~	~~15829~~	~~6.91 ng~~	~~#~~	~~1~~
30)	C150	Trichloroethene	5.42	130	389322	265.57 ng		98
31)	C165	Benzene	4.88	78	1227294	266.67 ng		97
32)	C155	Dibromochloromethane	6.99	129	477	N.D.		
~~33)~~	~~C170~~	~~trans-1,3-Dichloropr~~	~~6.51~~	~~75~~	~~15829~~	~~6.00 ng~~	~~#~~	~~1~~
34)	C160	1,1,2-Trichloroethan	0.00	97	0	N.D.		
35)	C180	Bromoform	0.00	173	0	N.D.		
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
38)	C210	4-Methyl-2-Pentanone	6.45	43	9629	N.D.		
39)	C215	2-Hexanone	7.11	43	151	N.D.		
40)	C220	Tetrachloroethene	6.99	164	716	N.D.		
41)	C225	1,1,2,2-Tetrachloroe	9.03	83	285	N.D.		
43)	C230	Toluene	6.51	91	1412698	266.17 ng		94
44)	C235	Chlorobenzene	7.79	112	1029376	263.28 ng		98
45)	C240	Ethylbenzene	7.86	106	370	N.D.		
46)	C246	m,p-Xylene	7.97	106	1819	N.D.		
47)	C247	o-Xylene	8.35	106	338	N.D.		
49)	C245	Styrene	8.37	104	866	N.D.		
50)	C966	Isopropylbenzene	8.69	105	3531	N.D.		
51)	C260	1,3-Dichlorobenzene	9.89	146	3105	N.D.		
52)	C267	1,4-Dichlorobenzene	9.89	146	3105	N.D.		
53)	C249	1,2-Dichlorobenzene	10.30	146	3347	N.D.		
54)	C286	1,2-Dibromo-3-chloro	10.95	75	739	N.D.		
55)	C313	1,2,4-Trichlorobenze	11.58	180	8413	N.D.		

(#) = qualifier out of range (m) = manual integration

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MSB59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0333501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9094.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	57	
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	53	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	53	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	54	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	53	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.: MSB59

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0333501

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9094.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

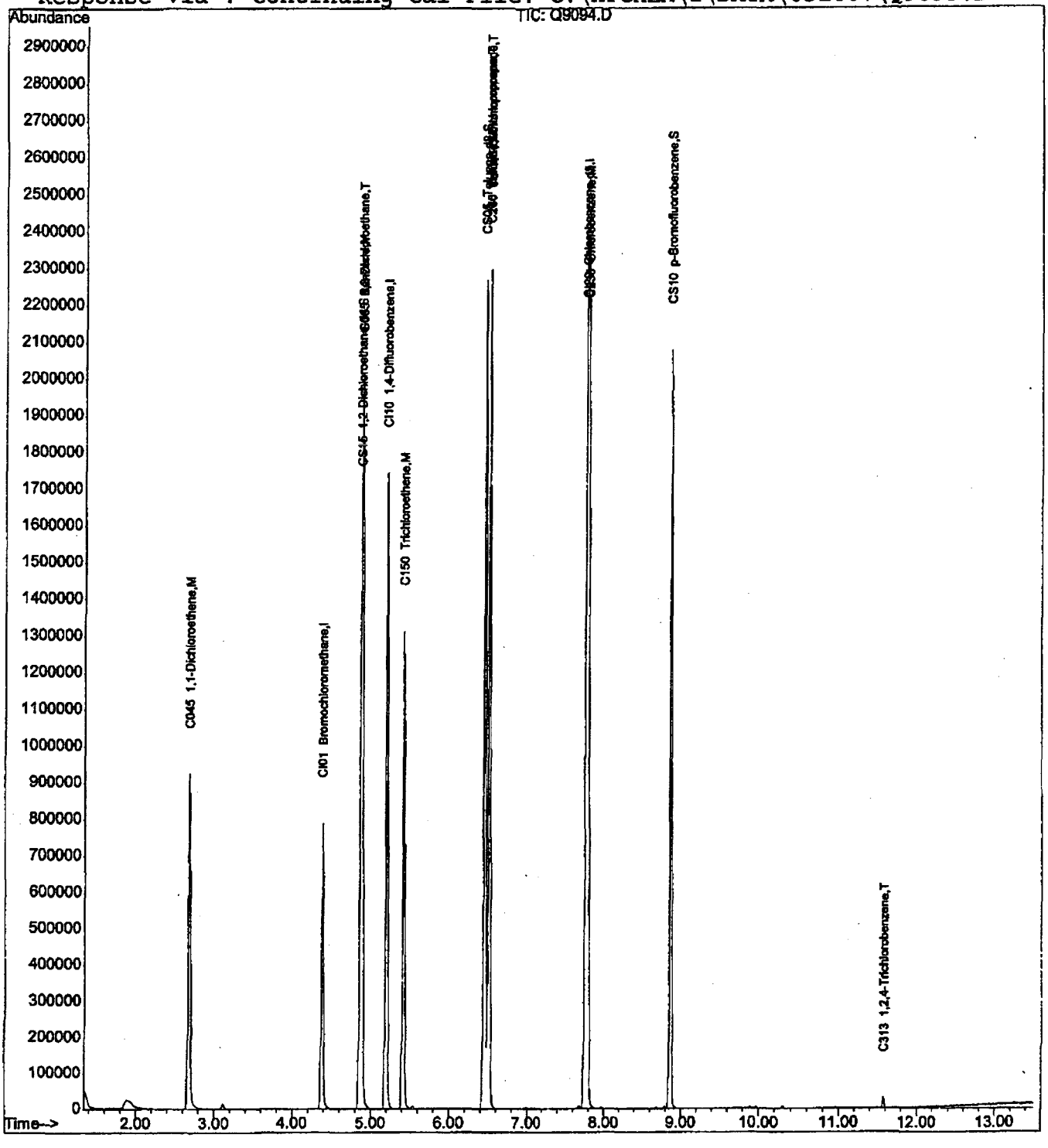
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	1	J
79-20-9	Methyl acetate	10	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\031007\Q9094.D
Acq On : 10 Mar 2007 12:00
Sample : MSB
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 10 14:11 2007

Vial: 56
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00
Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\031007\Q9093.D



Quantitation Report STL Buffalo 224/412

Data File : C:\HPCHEM\1\DATA\031007\Q9094.D Vial: 56
Acq On : 10 Mar 2007 12:00 Operator: JLG
Sample : MSB Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 14:11 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single (C:\HPCHEM\1\DATA\031007\Q9093.D 10 Mar 2007 11:21)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\031007\Q9093.D (10 Mar 2007 11:21)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.39	128	186121	250.00	ng	0.00 97.92%
22) CI10	1,4-Difluorobenzene	5.20	114	1133989	250.00	ng	0.00 99.39%
36) CI20	Chlorobenzene-d5	7.76	117	1089986	250.00	ng	0.00 95.39%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	746541	255.73	ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery =	102.29%		
42) CS05	Toluene-d8	6.45	98	1290224	254.56	ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery =	101.82%		
48) CS10	p-Bromofluorobenzene	8.86	95	560109	239.48	ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery =	95.79%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	1.56	50	171	N.D.		
4) C015	Bromomethane	1.93	94	957	N.D.		
5) C020	Vinyl Chloride	0.00	62	0	N.D.		
6) C025	Chloroethane	1.95	64	174	N.D.		
7) C030	Methylene Chloride	3.11	84	5655	N.D.		
8) C035	Acetone	2.76	43	2314	N.D.		
9) C040	Carbon Disulfide	2.88	76	677	N.D.		
10) C275	Trichlorofluorometha	2.22	101	286	N.D.		
11) C045	1,1-Dichloroethene	2.68	96	291792	283.03	ng	# 73
12) C291	1,1,2-Trichloro-1,2,	2.68	101	512	N.D.		
13) C962	T-butyl methyl ether	3.31	73	149	N.D.		
14) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
15) C255	Methyl Acetate	3.02	43	295	N.D.		
16) C057	trans-1,2-dichloroet	0.00	96	0	N.D.		
17) C056	cis-1,2-Dichloroethe	4.18	96	141	N.D.		
18) C060	Chloroform	4.44	83	457	N.D.		
20) C065	1,2-Dichloroethane	4.88	62	18451	5.26	ng	67
21) C110	2-Butanone	4.21	43	664	N.D.		
23) C256	Cyclohexane	0.00	56	0	N.D.		
24) C012	Methylcyclohexane	5.54	83	3034	N.D.		
25) C115	1,1,1-Trichloroethan	4.56	97	134	N.D.		
26) C120	Carbon Tetrachloride	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\031007\Q9094.D Vial: 56
Acq On : 10 Mar 2007 12:00 Operator: JLG
Sample : MSB Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 10 14:11 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single (C:\HPCHEM\1\DATA\031007\Q9093.D 10 Mar 2007 11:21)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
27)	C130	Bromodichloromethane	5.54	83	3034	N.D.		
28)	C140	1,2-Dichloropropane	5.41	63	1679	N.D.		
~~29)~~	~~C145~~	~~cis-1,3-Dichloroprop~~	~~6.51~~	~~75~~	~~13966~~	~~6.29 ng~~	~~#~~	~~1~~
30)	C150	Trichloroethene	5.42	130	373491	263.93 ng		97
31)	C165	Benzene	4.88	78	1186039	264.40 ng		97
32)	C155	Dibromochloromethane	7.00	129	590	N.D.		
~~33)~~	~~C170~~	~~trans-1,3-Dichloropr~~	~~6.51~~	~~75~~	~~13966~~	~~5.50 ng~~	~~#~~	~~1~~
34)	C160	1,1,2-Trichloroethan	0.00	97	0	N.D.		
35)	C180	Bromoform	8.89	173	167	N.D.		
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
38)	C210	4-Methyl-2-Pentanone	6.45	43	9740	N.D.		
39)	C215	2-Hexanone	7.11	43	263	N.D.		
40)	C220	Tetrachloroethene	6.98	164	1071	N.D.		
41)	C225	1,1,2,2-Tetrachloroe	9.03	83	139	N.D.		
43)	C230	Toluene	6.51	91	1372764	270.85 ng		93
44)	C235	Chlorobenzene	7.79	112	992350	266.81 ng		99
45)	C240	Ethylbenzene	7.87	106	623	N.D.		
46)	C246	m,p-Xylene	7.97	106	1679	N.D.		
47)	C247	o-Xylene	8.35	106	469	N.D.		
49)	C245	Styrene	8.37	104	935	N.D.		
50)	C966	Isopropylbenzene	8.69	105	3648	N.D.		
51)	C260	1,3-Dichlorobenzene	9.89	146	3150	N.D.		
52)	C267	1,4-Dichlorobenzene	9.97	146	3609	N.D.		
53)	C249	1,2-Dichlorobenzene	9.97	146	3609	N.D.		
54)	C286	1,2-Dibromo-3-chloro	10.96	75	1078	N.D.		
55)	C313	1,2,4-Trichlorobenze	11.58	180	9483	5.51 ng		97

3/16/07

(#) = qualifier out of range (m) = manual integration

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9096.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	66	
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	60	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	58	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	58	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	57	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9096.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

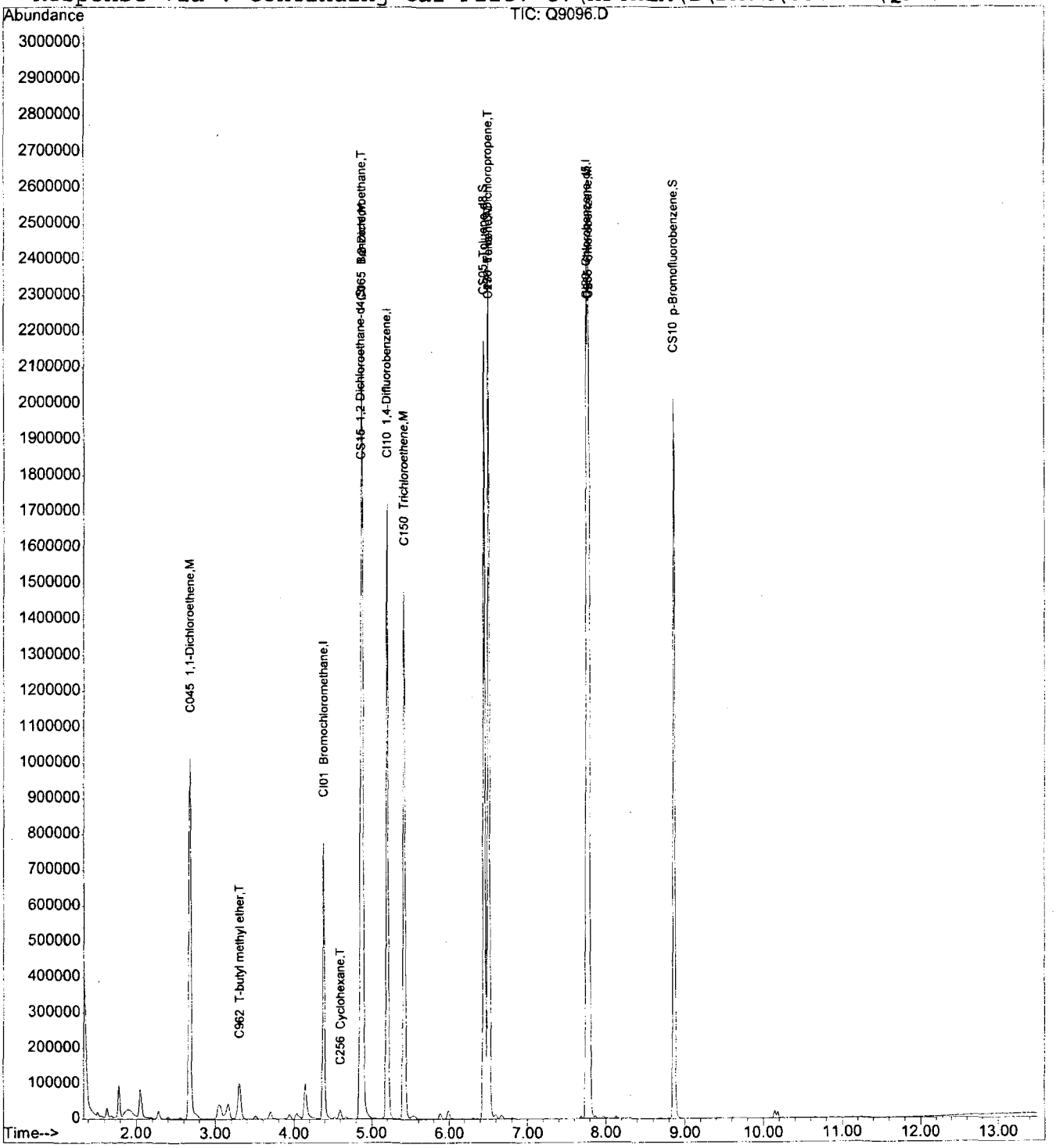
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	4	J
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

Quantitation Report

Data File : C:\HPCHEM\1\DATA\031007\Q9096.D Vial: 59
Acq On : 10 Mar 2007 15:08 Operator: JLG
Sample : A7221901MS Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 11 11:25 2007 Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\031007\Q9093.D



Quantitation Report STL Buffalo

Data File : C:\HPCHEM\1\DATA\031007\Q9096.D Vial: 59
Acq On : 10 Mar 2007 15:08 Operator: JLG
Sample : A7221901MS Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 11 11:25 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single (C:\HPCHEM\1\DATA\031007\Q9093.D 10 Mar 2007 11:21)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\031007\Q9093.D (10 Mar 2007 11:21)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.38	128	181101	250.00 ng	0.00 95.28%
22) CI10	1,4-Difluorobenzene	5.20	114	1091770	250.00 ng	0.00 95.69%
36) CI20	Chlorobenzene-d5	7.76	117	1074425	250.00 ng	0.00 94.03%
System Monitoring Compounds						
19) CS15	1,2-Dichloroethane-d	4.86	65	739059	260.19 ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery	= 104.08%	
42) CS05	Toluene-d8	6.45	98	1247535	249.70 ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery	= 99.88%	
48) CS10	p-Bromofluorobenzene	8.86	95	550577	238.82 ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery	= 95.53%	
Target Compounds						Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.	
3) C010	Chloromethane	1.64	50	928	N.D.	
4) C015	Bromomethane	1.93	94	1278	N.D.	
5) C020	Vinyl Chloride	1.79	62	3482	N.D.	
6) C025	Chloroethane	1.79	64	160	N.D.	
7) C030	Methylene Chloride	3.12	84	2098	N.D.	
8) C035	Acetone	2.76	43	12757	N.D.	
9) C040	Carbon Disulfide	2.86	76	128	N.D.	
10) C275	Trichlorofluorometha	0.00	101	0	N.D.	
11) C045	1,1-Dichloroethene	2.68	96	328671	327.64 ng	# 72
12) C291	1,1,2-Trichloro-1,2,	2.68	101	597	N.D.	
13) C962	T-butyl methyl ether	3.31	73	99252	19.15 ng	# 90
14) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
15) C255	Methyl Acetate	3.16	43	7711	N.D.	
16) C057	trans-1,2-dichloroet	0.00	96	0	N.D.	
17) C056	cis-1,2-Dichloroethe	4.38	96	631	N.D.	
18) C060	Chloroform	4.37	83	1949	N.D.	
20) C065	1,2-Dichloroethane	4.88	62	19788	5.80 ng	77
21) C110	2-Butanone	4.20	43	2090	N.D.	
23) C256	Cyclohexane	4.60	56	10283	5.90 ng	# 41
24) C012	Methylcyclohexane	5.54	83	2975	N.D.	
25) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.	
26) C120	Carbon Tetrachloride	0.00	117	0	N.D.	

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\031007\Q9096.D Vial: 59
Acq On : 10 Mar 2007 15:08 Operator: JLG
Sample : A7221901MS Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 11 11:25 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single (C:\HPCHEM\1\DATA\031007\Q9093.D 10 Mar 2007 11:21)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
27)	C130	Bromodichloromethane	5.54	83	2975	N.D.	
28)	C140	1,2-Dichloropropane	5.42	63	1795	N.D.	
29)	C145	cis-1,3-Dichloroprop	6.45	75	522	N.D.	
30)	C150	Trichloroethene	5.42	130	409038	300.23 ng	97
31)	C165	Benzene	4.88	78	1262977	292.44 ng	96
32)	C155	Dibromochloromethane	0.00	129	0	N.D.	
33)	C170	trans-1,3-Dichloropr	6.51	75	16278	6.66 ng #	1
34)	C160	1,1,2-Trichloroethan	6.80	97	135	N.D.	
35)	C180	Bromoform	0.00	173	0	N.D.	
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
38)	C210	4-Methyl-2-Pentanone	6.45	43	9438	N.D.	
39)	C215	2-Hexanone	6.68	43	1342	N.D.	
40)	C220	Tetrachloroethene	6.98	164	128	N.D.	
41)	C225	1,1,2,2-Tetrachloroe	8.86	83	136	N.D.	
43)	C230	Toluene	6.51	91	1457035	291.64 ng	93
44)	C235	Chlorobenzene	7.79	112	1044536	284.91 ng	98
45)	C240	Ethylbenzene	7.87	106	1042	N.D.	
46)	C246	m,p-Xylene	7.97	106	1653	N.D.	
47)	C247	o-Xylene	7.97	106	1653	N.D.	
49)	C245	Styrene	8.87	104	2716	N.D.	
50)	C966	Isopropylbenzene	8.69	105	1588	N.D.	
51)	C260	1,3-Dichlorobenzene	9.98	146	130	N.D.	
52)	C267	1,4-Dichlorobenzene	9.98	146	130	N.D.	
53)	C249	1,2-Dichlorobenzene	9.98	146	130	N.D.	
54)	C286	1,2-Dibromo-3-chloro	0.00	75	0	N.D.	
55)	C313	1,2,4-Trichlorobenze	11.58	180	848	N.D.	

3/16/07

(#) = qualifier out of range (m) = manual integration

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9097.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	66	
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	61	
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	60	
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	59	
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	58	
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9097.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	4	J
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

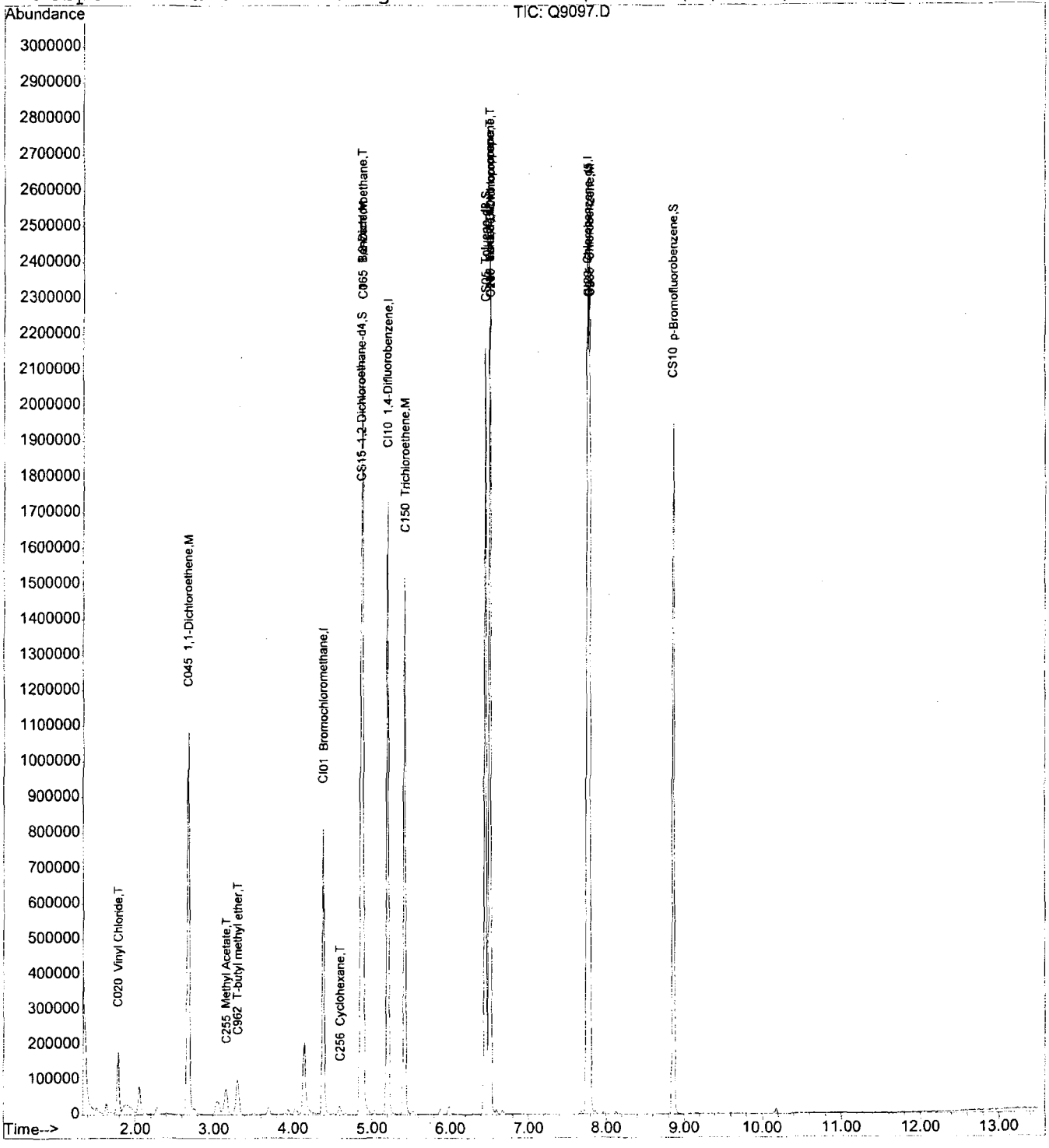
Quantitation Report

Data File : C:\HPCHEM\1\DATA\031007\Q9097.D
Acq On : 10 Mar 2007 15:37
Sample : A7221901SD
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 11 11:25 2007

Vial: 60
Operator: JLG
Inst : HP5973 Q
Multiplr: 1.00

Quant Results File: A7I00174.RES

Method : C:\HPCHEM\1\METHODS\QOLM4\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\031007\Q9093.D



Quantitation Report STL Buffalo

FTIC

Data File : C:\HPCHEM\1\DATA\031007\Q9097.D Vial: 60
Acq On : 10 Mar 2007 15:37 Operator: JLG
Sample : A7221901SD Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 11 11:25 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single (C:\HPCHEM\1\DATA\031007\Q9093.D 10 Mar 2007 11:21)
DataAcq Meth : VOA
IS QA File : C:\HPCHEM\1\DATA\031007\Q9093.D (10 Mar 2007 11:21)

STE 3/11/07 TLC

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI01	Bromochloromethane	4.38	128	181056	250.00	ng	0.00 95.26%
22) CI10	1,4-Difluorobenzene	5.20	114	1093049	250.00	ng	0.00 95.80%
36) CI20	Chlorobenzene-d5	7.76	117	1071021	250.00	ng	0.00 93.73%
System Monitoring Compounds							
19) CS15	1,2-Dichloroethane-d	4.86	65	741561	261.14	ng	0.00
Spiked Amount	250.000	Range	76 - 114	Recovery =	104.46%		
42) CS05	Toluene-d8	6.45	98	1241024	249.19	ng	0.00
Spiked Amount	250.000	Range	88 - 110	Recovery =	99.68%		
48) CS10	p-Bromofluorobenzene	8.86	95	547453	238.22	ng	0.00
Spiked Amount	250.000	Range	86 - 115	Recovery =	95.29%		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	0	N.D.		
3) C010	Chloromethane	1.63	50	752	N.D.		
4) C015	Bromomethane	1.93	94	1603	N.D.		
5) C020	Vinyl Chloride	1.79	~~62~~	~~6033~~	~~8.42~~	ng	~~66~~
6) C025	Chloroethane	1.79	64	440	N.D.		
7) C030	Methylene Chloride	3.12	84	2571	N.D.		
8) C035	Acetone	2.76	43	16153	N.D.		
9) C040	Carbon Disulfide	2.87	76	289	N.D.		
10) C275	Trichlorofluorometha	2.67	101	366	N.D.		
11) C045	1,1-Dichloroethene	2.68	96	330151	329.20	ng #	70
12) C291	1,1,2-Trichloro-1,2,	2.67	101	366	N.D.		
13) C962	T-butyl methyl ether	3.31	73	95988	18.53	ng #	88
14) C050	1,1-Dichloroethane	0.00	63	0	N.D.		
15) C255	Methyl Acetate	3.16	43	~~133~~15	~~8.50~~	ng	~~70~~
16) C057	trans-1,2-dichloroet	0.00	96	0	N.D.		
17) C056	cis-1,2-Dichloroethe	4.38	96	416	N.D.		
18) C060	Chloroform	4.37	83	1718	N.D.		
20) C065	1,2-Dichloroethane	4.88	~~62~~	~~20547~~	~~6.02~~	ng	~~70~~
21) C110	2-Butanone	4.20	43	3002	N.D.		
~~23) C256~~	~~Cyclohexane~~	~~4.60~~	~~56~~	~~9982~~	~~5.72~~	ng #	~~41~~
24) C012	Methylcyclohexane	5.54	83	2637	N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
26) C120	Carbon Tetrachloride	0.00	117	0	N.D.		

(#) = qualifier out of range (m) = manual integration

3/16/07

Data File : C:\HPCHEM\1\DATA\031007\Q9097.D Vial: 60
Acq On : 10 Mar 2007 15:37 Operator: JLG
Sample : A7221901SD Inst : HP5973 Q
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 11 11:25 2007 Quant Results File: A7I00174.RES

Quant Method : C:\HPCHEM\1...\A7I00174.M (RTE Integrator)
Title : CLPOLM04.2 WATERS
Last Update : Sat Mar 10 11:45:25 2007
Response via : Single (C:\HPCHEM\1\DATA\031007\Q9093.D 10 Mar 2007 11:21)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit		Qvalue
27)	C130	Bromodichloromethane	5.54	83	2637	N.D.		
28)	C140	1,2-Dichloropropane	5.42	63	2239	N.D.		
29)	C145	cis-1,3-Dichloroprop	6.50	75	16781	7.84 ng	#	1
30)	C150	Trichloroethene	5.42	130	417503	306.08 ng		96
31)	C165	Benzene	4.88	78	1288633	298.03 ng		96
32)	C155	Dibromochloromethane	0.00	129	0	N.D.		
33)	C170	trans-1,3-Dichloropr	6.50	75	16781	6.86 ng	#	1
34)	C160	1,1,2-Trichloroethan	0.00	97	0	N.D.		
35)	C180	Bromoform	0.00	173	0	N.D.		
37)	C163	1,2-Dibromoethane	0.00	107	0	N.D.		
38)	C210	4-Methyl-2-Pentanone	6.45	43	9629	N.D.		
39)	C215	2-Hexanone	6.67	43	932	N.D.		
40)	C220	Tetrachloroethene	6.99	164	133	N.D.		
41)	C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		
43)	C230	Toluene	6.51	91	1472924	295.76 ng		94
44)	C235	Chlorobenzene	7.78	112	1054401	288.51 ng		98
45)	C240	Ethylbenzene	7.87	106	1545	N.D.		
46)	C246	m,p-Xylene	7.98	106	1925	N.D.		
47)	C247	o-Xylene	7.98	106	1925	N.D.		
49)	C245	Styrene	8.86	104	2437	N.D.		
50)	C966	Isopropylbenzene	8.68	105	1377	N.D.		
51)	C260	1,3-Dichlorobenzene	0.00	146	0	N.D.		
52)	C267	1,4-Dichlorobenzene	0.00	146	0	N.D.		
53)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.		
54)	C286	1,2-Dibromo-3-chloro	0.00	75	0	N.D.		
55)	C313	1,2,4-Trichlorobenze	11.57	180	303	N.D.		

3/16/07

(#) = qualifier out of range (m) = manual integration

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
—	—	TLC	Q8960	MSB/SSCAL	QC	5mL	—	—	WS19CN-9, WS8CV-9	WS10XR/HB
03/01/09	2239	JLG	Q8961	0301BFBQ1	QC	1uL	—	—	WS1AJ-1	—
			Q8962	VS70100		5.0mL			WS6 CS-1, WS12 DD-1, WS13 HX-7	WS10XR/HB
			Q8963	VS70050						
			Q8964	VS70025						
			Q8965	VS70010						
			Q8966	VS70001						
	0156		Q8967	VS70061					JLG 03/01/09 JLG 03/01/09	
	—		Q8968	MSB/SSCAL					WS19 CY-1 WS19 CY-1	
03/03/09	0757	JLG	Q8969	0303BFBQ1	QC	1uL	—	—	WS1AJ-1	—
	—		Q8970	VS70050 (NL6)		5.0mL			—	WS10XR/HB
	—		Q8971	VS70050 (NL5)					—	
			Q8972	VS70050 (NL4)					—	
			Q8973	VS70200					WS14 AV-1, WS18 AV-1	
			Q8974	VS70100						
			Q8975	VS70050						
			Q8976	VS70020						
			Q8977	VS70010						
03/05/09	0747	JMB	Q8978	0305BFBQ1	QC	1uL	—	—	WS1AJ-1	WS10XR/HB
	0811		Q8979	IBLK					—	
	0859		Q8980	VS70050					WS14AV-1, WS18AV-1	
			Q8981	VS70020						
			Q8982	VS70100						
			Q8983	VS70050						
			Q8984	VS70020						
			Q8985	VS70010						

STL BUFFALO

Reviewed By _____ 000090 NO. _____

GCMS VOLATILE INJECTION LOG

AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
										Not used, JG 03/01/07
										PASS
										8260 Sol (A7I... 0168)
										No Good Surr Out.
										NG
										PASS
										NG
										NG
										NG
										ASP Sol (A7I... 0174
										Data lost ICE NG
										PASS
										ASP Sol (A7I 017H)
										NG Surr out
										Unpreserved (03/05/07

Date 3/1/07

NO. 000091 Page 2

237/412

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS	I.S. / 2S REC.
08/03/07	1219	JMB	C08986	IB11C	QC	5ml				ISS/ON	
	1248		C08987	VSTD200					WS14AY-2, WS18AU-2		
	1316		C08988	VSTD100							
	1344		C08989	VSTD050							
	1413		C08990	VSTD020							
	1441		C08991	VSTD010							
	1509		C08992	MBB					WS3BG-2		
	1538		C08993	VB11C 52							
			C08994	A7A926 02	1926	5ml		2			
			C08995	01				10			
			C08996	01MS				10	WS3BG-2		
			C08997	01SD				10			
			C08998	03				1			

GCMS VOLATILE INJECTION LOG

S. / SS MIX	AUTO #	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
STD ON											
											Asp Std (ATI-0174)
											See QA check report QA36857
											Grams history

NO. 000093

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS #
03/09/09	2016	JMS	Q9063	AA72198 13	2198	5uL	4.14	20		IS1100
	2044		Q9064	14			4.11	20		
	—		Q9065	IBLK	IBLK		—	1		
	—		Q9066	IBLK			—	1		
03/09/09	2132	JMS	Q9067	0309BFBQ2	QC	1uL	—	—	WS1 AJ-2	—
	2157		Q9068	VST0050		5.0mL			WS14 AY-2, WS18 AV-2	IS1100
	2232		Q9069	MSB					WS3 B6-7	
	2301		Q9070	VBLK58						
	2340		Q9071	AA72219 04	2219			1		
03/10/09	0008		Q9072	AA72198 02 01 mL	2198		4.13	40		
	0037		Q9073	03 mL			4.09	41		
	0105		Q9074	04 mL			4.08	1		
	0134		Q9075	04MS mL			4.08	1	WS3 B6-7	
	0202		Q9076	04SD mL			~~4.17~~ 4.09	1		
	0230		Q9077	06 mL			4.17	2		
	0259		Q9078	08 mL			4.00	8		
	0327		Q9079	09 01 mL			4.08	40		
	0356		Q9080	13 mL			4.14	1		
	0424		Q9081	IBLK	IBLK		—	—		
	0453		Q9082	AA72219 01	2219			1		
	0521		Q9083	01MS				1	WS3 B6-7	
	0550		Q9084	01SD				1		
	0618		Q9085	02				1		
	0647		Q9086	03				1		
	0715		Q9087	~~IBLK~~ AA72198 05 01 mL	2198 ~~IBLK~~		4.00	— 1		
	0744		Q9088	~~AA72219 05 (VHB)~~ 07 01 mL	2219		4.06	1		
	0812		Q9089	10 01 mL	2198		4.01	1		
	0840		Q9090	14 01 mL			4.11	1		
	0909		Q9091	03 02 mL			4.09	8		

STL BUFFALO

Reviewed By _____ 000038 NO. _____

GCMS VOLATILE INJECTION LOG

#	I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
								Y	—	RA dF1
								Y		RA LL
	See QA check Report JL 03/09/07									
										PASS
										ASP 5ml (A7I... 0174)
	99	98	96	100	101	96			—	
	97	95	91	101	103	97			—	
									✓	
									—	ML
			See QA check Report JL 03/09/07							
									✓	
									✓	
									✓	
									✓	
									✓	
									—	
									~~✓~~	
									—	
									—	
									—	

JL 03/09/07

NO. 000099 Page 2

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / S
03/10/07	1058	JLG	Q9092	0310BFBQ1	0C	1ml	—	—	5ul 03/16/00 WS3 WS1 AS-2	—
	1121		Q9093	VS70050		5.0mL			WS14 AV-2, WS18 AV-2	ISII DN
	1200		Q9094	MSB					WS3 B6-7	
	1228		Q9095	VBLK59						
	1508		Q9096	A7221901MS	2219			1	WS3 B6-7	
	1537		Q9097	" DUP				1	"	
	1633		Q9098	A7221905 (VHB)				1		

STL BUFFALO

Reviewed By _____ 000100 _____ NO. _____

242/412

GCMS VOLATILE INJECTION LOG

I.S. #1 % REC.	I.S. #2 % REC.	I.S. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
									PAH
									App 5m (ATI... 0174)
98	99	95	102	102	96				
94	94	91	105	101	95				

See QA check report 3/11/07 TLC

NO. 000101 Page 2

602 Volatiles

QC Summary

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 2204

GC Column(1): ZB-624 ID: 0.53 (mm)

	Client Sample ID	Lab Sample ID	TFT %REC #								TOT OUT
1	MSB	A7B0338102	99								0
2	MSBD	A7B0338103	99								0
3	PURGE-3/07	A7220401	96								0
4	VBLK	A7B0338101	100								0

QC LIMITS

(TFT) = a,a,a-Trifluorotoluene (59-131)

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

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
WATER MATRIX SPIKE BLANK/MATRIX SPIKE BLANK DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0338101

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: VBLK

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.	+ =
Chlorobenzene	4.00	4.18	104	55 - 135	
Benzene	4.00	3.91	98	39 - 150	
1,2-Dichlorobenzene	4.00	4.39	110	55 - 135	
1,3-Dichlorobenzene	4.00	4.21	105	50 - 141	
1,4-Dichlorobenzene	4.00	4.24	106	42 - 143	
Toluene	4.00	4.09	102	46 - 148	
Ethylbenzene	4.00	4.18	104	32 - 160	
m-Xylene	8.00	8.39	105	32 - 160	
o-Xylene	4.00	4.18	105	32 - 160	
Methyl-t-Butyl Ether (1)	4.00	4.13	103	39 - 150	

COMPOUND	SPIKE ADDED UG/L	MSBD CONCENTRATION UG/L	MSBD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.	+ =
Chlorobenzene	4.00	3.98	100	4	30	55 - 135	
Benzene	4.00	3.64	91	7	30	39 - 150	
1,2-Dichlorobenzene	4.00	4.15	104	6	30	55 - 135	
1,3-Dichlorobenzene	4.00	4.04	101	4	30	50 - 141	
1,4-Dichlorobenzene	4.00	4.08	102	4	30	42 - 143	
Toluene	4.00	3.86	97	5	30	46 - 148	
Ethylbenzene	4.00	3.92	98	6	30	32 - 160	
m-Xylene	8.00	7.92	99	6	30	32 - 160	
o-Xylene	4.00	3.98	100	5	30	32 - 160	
Methyl-t-Butyl Ether (MT	4.00	3.84	96	7	30	39 - 150	

(1) Methyl-t-Butyl Ether (MTBE)

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

* Values outside of QC limits

RPD: 0 out of 10 outside limits
Spike recovery: 0 out of 20 outside limits

Comments: _____

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
METHOD BLANK SUMMARY

Client No.: VBLK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab Sample ID: A7B0338101 Lab File ID: 0A36123.TX0

Matrix: (soil/water) WATER

Date Analyzed (1): 03/12/2007 Date Analyzed (2): _____

Time Analyzed (1): 12:03 Time Analyzed (2): _____

Instrument ID (1): HP5890-0 Instrument ID (2): _____

GC Column (1): ZB-624 Dia: 0.53(mm) GC Column (2): _____ Dia: ____(mm)

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
1	MSB	A7B0338102	03/12/2007	
2	MSBD	A7B0338103	03/12/2007	
3	PURGE-3/07	A7220401	03/12/2007	

Comments: _____

Sample Data

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
ANALYSIS DATA SHEET

Client No.

PURGE-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7220401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A36126.TX0

Level: (low/med) Low Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/12/2007

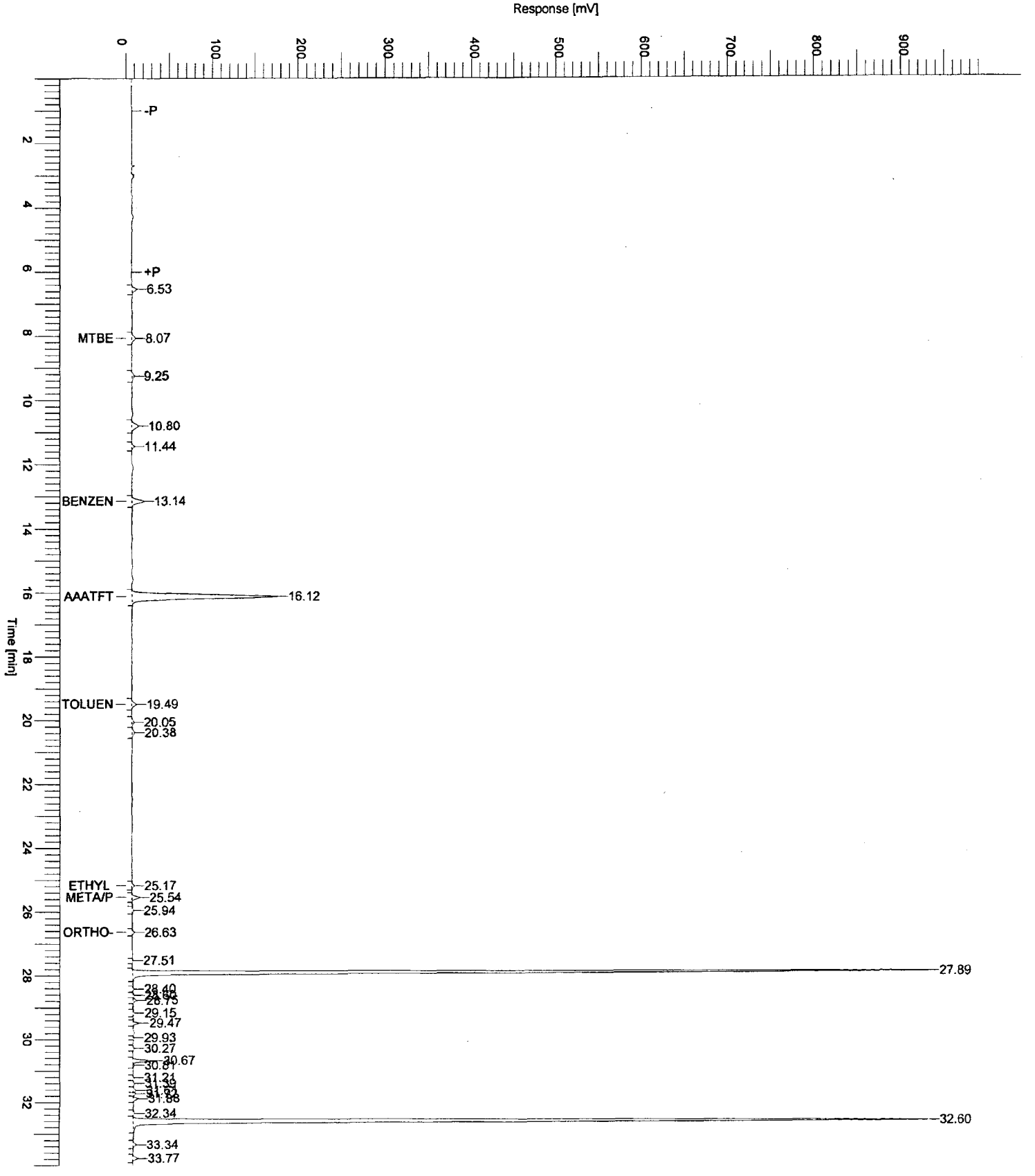
GC Column: ZB-624 Dia: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	1.4	
108-90-7	Chlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
100-41-4	Ethylbenzene	0.26	J
108-88-3	Toluene	0.59	J
1634-04-4	Methyl-t-Butyl Ether (MTBE)	0.39	J
108-38-3	m-Xylene	0.67	1J
95-47-6	o-Xylene	1.0	U
106-42-3	p-Xylene	0.67	1J

Chromatogram

Sample Name : WATER Sample #: A7220401 Page 1 of 1
FileName : H:\turbo6\5890-00\0A36126.raw
Date : 3/12/2007 2:35:38 PM
Method : 0DINS.mth Time of Injection: 3/12/2007 2:00:52 PM
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 3/12/2007 2:35:37 PM
Reprocess Number	: buf2040: 64910		
Operator	: tchrom	Sample Name	: WATER
Sample Number	: A7220401	Study	: CTA15169
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/12/2007 2:00:52 PM	Cycle	: 4

Raw Data File : H:\turbo6\5890-00\0A36126.raw
Result File : H:\turbo6\5890-00\0A36126.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36126.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36126.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36126.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column		Amount ug/L
1	35540.40	B	5272.87	6.53		0.04		0.01
2	37431.00	B	4051.78	8.07	MTBE	1.97		0.39
3	21770.60	B	2128.21	9.25		0.02		0.00
4	69981.80	B	7160.99	10.80		0.07		0.01
5	16184.00	B	2482.69	11.44		0.02		0.00
6	102764.00	B	13574.18	13.14	BENZENE	7.01		1.40
7	1469759.20	B	169575.45	16.12	AAATFT	144.17		28.83
8	40102.40	B	5164.49	19.49	TOLUENE	2.94		0.59
9	22231.50	B	2242.04	20.05		0.02		0.00
10	24677.10	V	2588.87	20.38		0.02		0.00
11	16651.20	B	2721.40	25.17	ETHYL BENZENE	1.32		0.26
12	50498.40	B	8444.15	25.54	META/PARA XYLENE	3.36		0.67
13	8199.60	B	1432.17	25.94		0.01		0.00
14	11531.20	B	2264.37	26.63	~~ORTHO-XYLENE~~	~~0.88~~		0.18
15	3441.20	B	796.46	27.51		0.00		0.00
16	4034433.80	B	923231.50	27.89		4.03		0.81
17	5718.40	B	1210.63	28.40		0.01		0.00
18	8371.19	B	1598.39	28.60		0.01		0.00
19	18545.61	V	3745.17	28.75		0.02		0.00
20	6969.80	B	1288.77	29.15		0.01		0.00
21	26421.20	B	6964.62	29.47		0.03		0.01
22	2537.60	B	752.61	29.93		0.00		0.00
23	5753.00	B	1189.14	30.27		0.01		0.00
24	100555.20	B	23242.27	30.67		0.10		0.02
25	5863.60	E	1330.29	30.81		0.01		0.00
26	4352.40	B	956.49	31.21		0.00		0.00
27	7341.55	B	1337.51	31.39		0.01		0.00
28	16052.23	V	2970.78	31.61		0.02		0.00
29	12291.50	V	2467.65	31.72		0.01		0.00
30	27217.52	V	5325.28	31.88		0.03		0.01
31	6601.60	B	1214.68	32.34		0.01		0.00
32	4750976.40	B	921654.18	32.60		4.75		0.95
33	20151.20	B	3739.28	33.34		0.02		0.00
34	32923.80	B	5467.46	33.77		0.03		0.01
	11023841.20		2.14e+06			170.94		34.19

LA 3-12-07

Missing Component Report

Component	Expected Retention (Calibration File)
CHLOROBENZENE	24.837
1,3-DICHLOROBENZENE	30.017
1,4-DICHLOROBENZENE	30.197
1,2DCB	30.945

Standards

GC 602 VOLATILES
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A7I0000171-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Instrument ID: HP5890-0 A Calibration Date From: 02/22/2007 12:17

GC Column: DB-624 0.53 (mm) To: 02/22/2007 13:36

COMPOUND	CF1 5.0000	CF2 50.0000	CF3 150.00	CF4 100.00	CF5 0.0000	AVG CF	% RSD
Benzene	1.08E4	1.44E4	1.49E4			1.34E4	16.700*
Chlorobenzene	1.17E4	1.45E4	1.47E4			1.36E4	12.300*
Ethylbenzene	1.02E4	1.25E4	1.27E4			1.18E4	11.800*
1,2-Dichlorobenzene	9.86E3	1.14E4	1.19E4			1.10E4	9.600
1,3-Dichlorobenzene	1.20E4	1.43E4	1.49E4			1.37E4	11.100*
1,4-Dichlorobenzene	1.20E4	1.42E4	1.49E4			1.37E4	11.000*
Toluene	1.07E4	1.34E4	1.38E4			1.26E4	13.300*
o-Xylene	1.08E4	1.29E4	1.32E4			1.23E4	10.600*
Methyl-t-Butyl Ether (MTBE)	1.54E4	1.87E4	1.93E4			1.78E4	11.800*

* - Outside QC Limits

Comments: _____

_____

GC 602 VOLATILES
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A7I0000171-2

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Instrument ID: HP5890-0 A Calibration Date From: 02/22/2007 12:17

GC Column: DB-624 0.53 (mm) To: 02/22/2007 13:36

COMPOUND	CF1 10.0000	CF2 100.00	CF3 300.00	CF4 200.00	CF5 0.0000	AVG CF	% RSD
m-Xylene	1.25E4	1.49E4	1.52E4			1.42E4	10.400*
p-Xylene	1.25E4	1.49E4	1.52E4			1.42E4	10.400*

* - Outside QC Limits

Comments: _____

_____

GC 602 VOLATILES
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A7I0000171-3

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Instrument ID: HP5890-0 A Calibration Date From: 02/22/2007 12:17

GC Column: DB-624 0.53 (mm) To: 02/22/2007 14:15

COMPOUND	CF1 150.00	CF2 150.00	CF3 150.00	CF4 0.0000	CF5 0.0000	AVG CF	% RSD
a,a,a-Trifluorotoluene	1.03E4	1.04E4	9.80E3			1.02E4	3.200

* - Outside QC Limits

Comments: _____

GC 602 VOLATILES
CONTINUING CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Instrument ID: HP5890-0 A GC Column: DB-624 0.53 (mm)

Calibration Date From: 03/12/2007 10:50 To: _____ _____ ICV Sample No: A7D0000033-1						From: 03/12/07 16:29 To: _____ _____ CCV: A7C0000624			
COMPOUND	RT	RT Window From	To	NG4 100.00	% D	RT	NG4 100.00	% D	Q
Benzene	13.17	13.00	13.34	98.606	1.40	13.16	97.851	2.10	Y
Chlorobenzene	24.83	24.63	25.03	99.941	0.06	24.85	100.5	0.50	Y
Ethylbenzene	25.18	24.98	25.38	100.7	0.70	25.20	101.2	1.20	Y
1,2-Dichlorobenzene	30.95	30.74	31.16	101.5	1.50	30.96	101.2	1.20	Y
1,3-Dichlorobenzene	30.02	29.81	30.23	101.0	1.00	30.03	101.4	1.40	Y
1,4-Dichlorobenzene	30.20	29.99	30.41	101.1	1.10	30.21	101.4	1.40	Y
Toluene	19.51	19.33	19.69	99.055	0.94	19.52	99.329	0.67	Y
o-Xylene	26.64	26.46	26.82	100.4	0.40	26.65	101.0	1.00	Y
Methyl-t-Butyl Ether (MTBE)	8.10	7.75	8.45	102.8	2.80	8.09	100.7	0.70	Y

* - Outside QC Limits

Comments: _____

GC 602 VOLATILES
CONTINUING CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Instrument ID: HP5890-0 A GC Column: DB-624 0.53 (mm)

Calibration Date From: 03/12/2007 10:50 To: _____ _____ ICV Sample No: A7D0000033-2						From: 03/12/07 16:29 To: _____ _____ CCV: A7C0000624			
COMPOUND	RT	RT Window From	To	NG4 200.00	% D	RT	NG4 200.00	% D	Q
m-Xylene	25.55	25.34	25.76	204.2	2.10	25.57	204.9	2.40	Y
p-Xylene	25.55	25.35	25.75	204.2	2.10	25.57	204.9	2.40	Y

* - Outside QC Limits

Comments: _____

_____

AII...171)

0A0222.MTH

TotalChrom Method File H:\TURBO6\5890-00\0A0222.mth
Printed by : DigiuseL on: 02/22/2007 15:14:46
Created by : DigiuseL on: 02/22/2007 10:10:55
Edited by : DigiuseL on: 02/22/2007 15:14:41
Number of Times Edited : 1
Number of Times Calibrated : 446
Description: Inst. # 0 - 602 Curve

Global Sample Information

Default Sample Volume : 1.000 uL
Quantitation Units : ng
Void Time : 0.000 min
Correct amounts during calibration : Yes
Convert unknowns to concentration units : Yes
Reject outliers during calibration : No

An External Standard calibration will be used
Unknown peaks will be quantitated using a response factor of 1.000000e+06
First peak will be relative retention reference

Component Information

MTBE
Component Type : Single Peak Component
Retention Time : 8.027 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.000000
Value 2 : 0.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt	ISTD Resp.	# Replicates
A	5.0000	77180.80	11946.86	———	———	1
B	50.0000	937371.00	143809.80	———	———	1
C	150.0000	2886279.60	445189.90	———	———	1

Calibration Curve : y = (0.000000) + (19028.445854)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998780

BENZENE
Component Type : Single Peak Component
Retention Time : 13.089 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

02/22/2007 15:14:46 Method: H:\TURBO6\5890-00\0A0222.mth

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	5.0000	54045.60	7236.82	----------	----------	1
B	50.0000	718907.20	93731.55	----------	----------	1
C	150.0000	2232359.60	290931.88	----------	----------	1

Calibration Curve : y = (0.000000) + (14660.060488)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.997692

AAATFT
Component Type : Single Peak Component
Retention Time : 16.062 min
Search Window : 5.00 s, 0.00 %
This component is a reference
Find peak closest to expected RT in window
Use Average Calibration Factor (Area / Amount)
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
B	150.0000	1554084.80	178012.92	----------	----------	1
C	150.0000	1563316.80	177896.73	----------	----------	1
D	150.0000	1470221.20	169930.62	----------	----------	1

Average Calibration Factor = 10194.717333 (%RSD = 3.35)

TOLUENE
Component Type : Single Peak Component
Retention Time : 19.430 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	5.0000	53314.80	6857.74	----------	----------	1
B	50.0000	671519.20	86161.59	----------	----------	1
C	150.0000	2069662.80	266963.99	----------	----------	1

Calibration Curve : y = (0.000000) + (13631.691707)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998421

CHLOROBENZENE
Component Type : Single Peak Component
Retention Time : 24.771 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x

Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	5.0000	58719.23	8911.98	----------	----------	1
B	50.0000	723601.41	111182.50	----------	----------	1
C	150.0000	2211253.60	344041.05	----------	----------	1

Calibration Curve : y = (0.000000) + (14602.801207)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998773

ETHYL BENZENE
Component Type : Single Peak Component
Retention Time : 25.124 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	5.0000	51020.37	7999.66	----------	----------	1
B	50.0000	626795.79	97911.76	----------	----------	1
C	150.0000	1912333.20	301585.50	----------	----------	1

Calibration Curve : y = (0.000000) + (12634.874890)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998824

META/PARA XYLENE
Component Type : Single Peak Component
Retention Time : 25.498 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	10.0000	125108.40	20680.00			1
B	100.0000	1491386.00	246695.56			1
C	300.0000	4553416.40	731131.89			1

Calibration Curve : y = (0.000000) + (15048.562927)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.999074

ORTHO-XYLENE
Component Type : Single Peak Component
Retention Time : 26.591 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	5.0000	54066.40	10509.65			1
B	50.0000	642958.80	124662.43			1
C	150.0000	1982995.60	387899.11			1

Calibration Curve : y = (0.000000) + (13073.272195)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998931

1,3-DICHLOROBENZENE
Component Type : Single Peak Component
Retention Time : 29.982 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	5.0000	60198.00	15619.82			1
B	50.0000	712790.78	185954.34			1
C	150.0000	2244970.43	589469.72			1

Calibration Curve : y = (0.000000) + (14721.752272)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998491

1,4-DICHLOROBENZENE
Component Type : Single Peak Component
Retention Time : 30.162 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window

Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	5.0000	60134.40	15657.62	----------	----------	1
B	50.0000	711606.82	186832.98	----------	----------	1
C	150.0000	2238063.97	590085.39	----------	----------	1

Calibration Curve : y = (0.000000) + (14681.976509)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998534

1,2DCB
Component Type : Single Peak Component
Retention Time : 30.909 min
Search Window : 4.00 s, 0.00 %
Reference Component :
Find peak closest to expected RT in window
Calibrating Area versus Amount using a 1st Order Fit
Curve will be forced through the origin
Amounts will not be scaled prior to the regression
Weighting factor for the regression: 1/x
Component standard purity percentage : 100.0000%

User Values
Label :
Value 1 : 0.500000
Value 2 : 5.000000
Value 3 : 0.000000
Value 4 : 0.000000
Value 5 : 0.000000

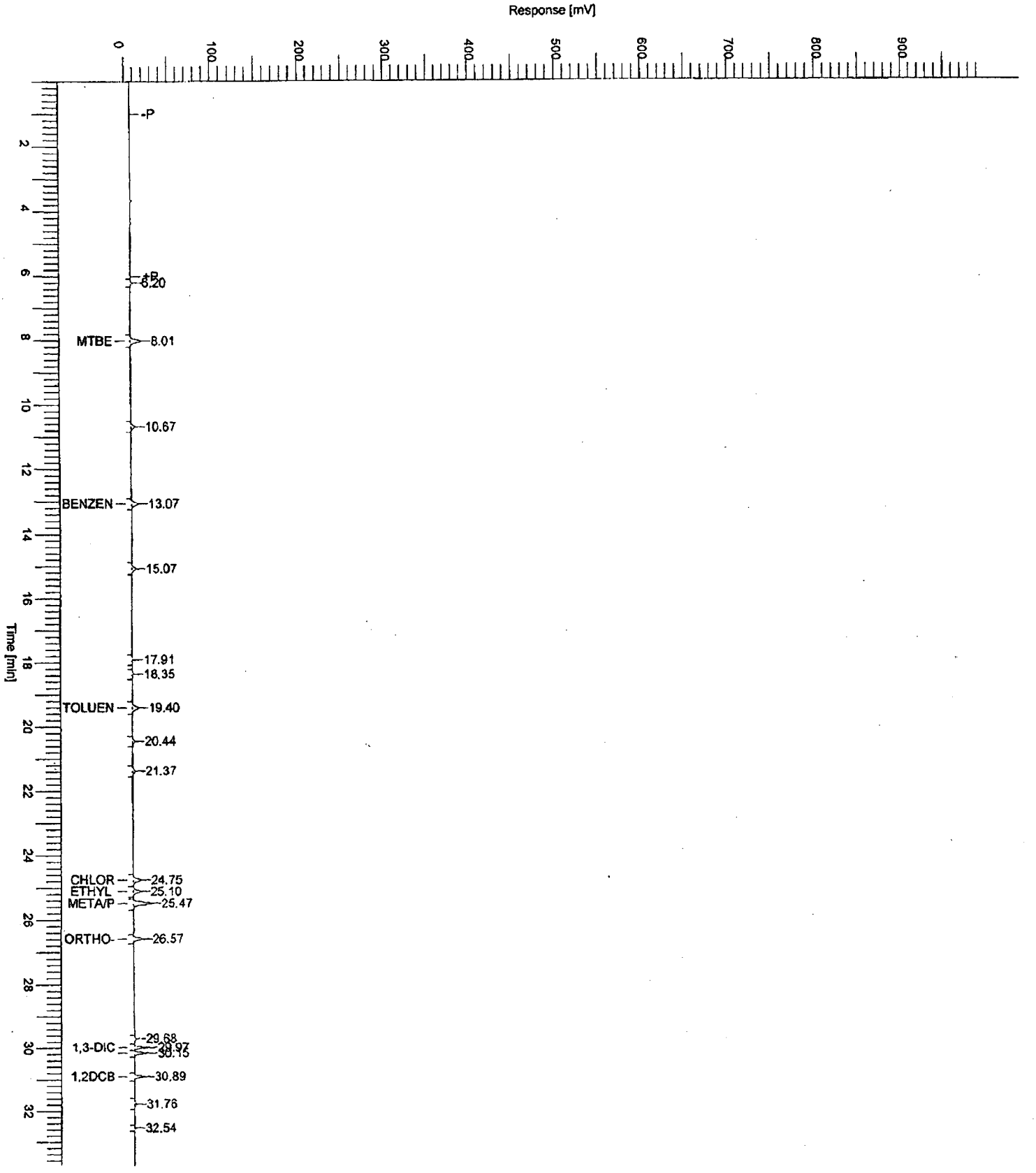
Calibration Level

Level Name	Amount	Area	Height	ISTD Amt.	ISTD Resp.	# Replicates
A	5.0000	49264.80	11757.08	----------	----------	1
B	50.0000	572545.60	136213.64	----------	----------	1
C	150.0000	1788022.40	430467.51	----------	----------	1

Calibration Curve : y = (0.000000) + (11755.281951)x + (0.000000)x^2 + (0.000000)x^3
R-squared : 0.998859

Chromatogram

ample Name : LEVEL A Sample #: 5ng Page 1 of 1
ileName : H:\turbo6\5890-00\0A36032.raw
ate : 2/22/2007 12:51:23 PM
ethod : 0DINS.mth Time of Injection: 2/22/2007 12:17:12 PM
tart Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
lot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 2/22/2007 12:51:23 PM
Reprocess Number	: buf2040: 64047		
Operator	: tchrom	Sample Name	: LEVEL A
Sample Number	: 5ng	Study	: CTA00404
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/22/2007 12:17:12 PM	Cycle	: 31

Raw Data File : H:\turbo6\5890-00\0A36032.raw
Result File : H:\turbo6\5890-00\0A36032.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36032.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36032.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36032.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column		Amount ug/L
1	8131.40	B	1441.32	6.20		0.01		0.00
2	77180.80	B	11946.86	8.01	MTBE	5.00		1.00
3	30970.80	B	4562.77	10.67		0.03		0.01
4	54045.60	B	7236.82	13.07	BENZENE	5.00		1.00
5	31520.20	B	4204.47	15.07		0.03		0.01
6	11786.60	B	1556.47	17.91		0.01		0.00
7	12790.00	B	1751.21	18.35		0.01		0.00
8	53314.80	B	6857.74	19.40	TOLUENE	5.00		1.00
9	16648.00	B	2294.35	20.44		0.02		0.00
10	23498.00	B	2959.02	21.37		0.02		0.00
11	58719.23	B	8911.98	24.75	CHLOROBENZENE	5.00		1.00
12	51020.37	V	7999.66	25.10	ETHYL BENZENE	5.00		1.00
13	125108.40	B	20680.00	25.47	META/PARA XYLENE	10.00		2.00
14	54066.40	B	10509.65	26.57	ORTHO-XYLENE	5.00		1.00
15	8800.00	B	1305.46	29.68		0.01		0.00
16	60198.00	B	15619.82	29.97	1,3-DICHLOROBENZENE	5.00		1.00
17	60134.40	V	15657.62	30.15	1,4-DICHLOROBENZENE	5.00		1.00
18	49264.80	B	11757.08	30.89	1,2DCB	5.00		1.00
19	13636.40	B	1774.12	31.76		0.01		0.00
20	2818.00	B	593.95	32.54		0.00		0.00
	803652.20		139620.39			55.16		11.03

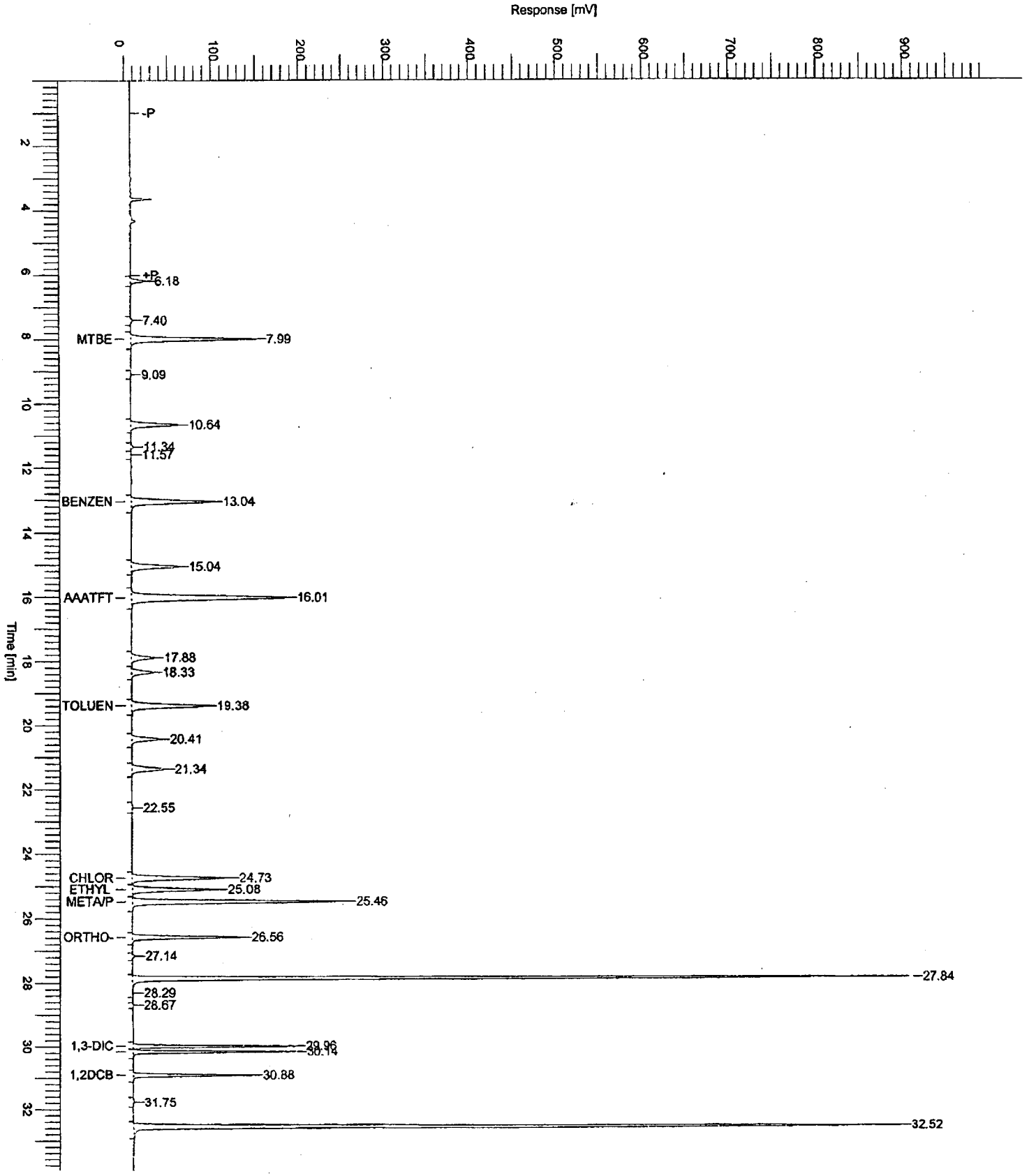
Missing Component Report

Component	Expected Retention (Calibration File)
AAATFT	16.062

HP5890-0 COLUMN: DB-624

Chromatogram

Sample Name : LEVEL B Sample #: 50ng Page 1 of 1
FileName : H:\turbo6\5890-00\0A36033.raw
Date : 2/22/2007 1:30:50 PM
Method : 0DINS.mth Time of Injection: 2/22/2007 12:58:36 PM
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 2/22/2007 1:30:50 PM
Reprocess Number	: buf2040: 64053		
Operator	: tchrom	Sample Name	: LEVEL B
Sample Number	: 50ng	Study	: CTA00404
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/22/2007 12:56:36 PM	Cycle	: 32

Raw Data File : H:\turbo6\5890-00\0A36033.raw
Result File : H:\turbo6\5890-00\0A36033.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36033.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36033.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36033.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column	Amount ug/L
1	95497.80	B	16768.06	6.18		0.10	0.02
2	14480.80	B	2341.83	7.40		0.01	0.00
3	937371.00	B	143809.80	7.99	MTBE	50.00	10.00
4	5264.60	B	743.61	9.09		0.01	0.00
5	371455.00	B	54965.55	10.64		0.37	0.07
6	18089.20	B	2580.67	11.34		0.02	0.00
7	7079.20	V	906.40	11.57		0.01	0.00
8	718907.20	B	93731.55	13.04	BENZENE	50.00	10.00
9	411028.20	B	54501.62	15.04		0.41	0.08
10	1554084.80	B	178012.92	16.01	AAATFT	150.00	30.00
11	194244.27	B	25716.58	17.88		0.19	0.04
12	178720.73	V	24093.62	18.33		0.18	0.04
13	671519.20	B	86161.59	19.38	TOLUENE	50.00	10.00
14	231423.80	B	32479.41	20.41		0.23	0.05
15	302738.40	B	37861.56	21.34		0.30	0.06
16	11035.60	B	1407.84	22.55		0.01	0.00
17	723601.41	B	111182.50	24.73	CHLOROBENZENE	50.00	10.00
18	626795.79	V	97911.76	25.08	ETHYL BENZENE	50.00	10.00
19	1491386.00	B	246695.56	25.46	META/PARA XYLENE	100.00	20.00
20	642958.80	B	124662.43	26.56	ORTHO-XYLENE	50.00	10.00
21	14271.20	B	3022.08	27.14		0.01	0.00
22	4002064.51	B	902754.97	27.84		4.00	0.80
23	12552.80	E	1300.45	28.29		0.01	0.00
24	3442.40	B	884.82	28.67		0.00	0.00
25	712790.78	B	185954.34	29.96	1,3-DICHLOROBENZENE	50.00	10.00
26	711606.82	V	186832.98	30.14	1,4-DICHLOROBENZENE	50.00	10.00
27	572545.60	B	136213.64	30.88	1,2DCB	50.00	10.00
28	9028.00	B	1181.08	31.75		0.01	0.00
29	4571721.80	B	888636.28	32.52		4.57	0.91
	19817705.71		3.64e+06			710.45	142.09

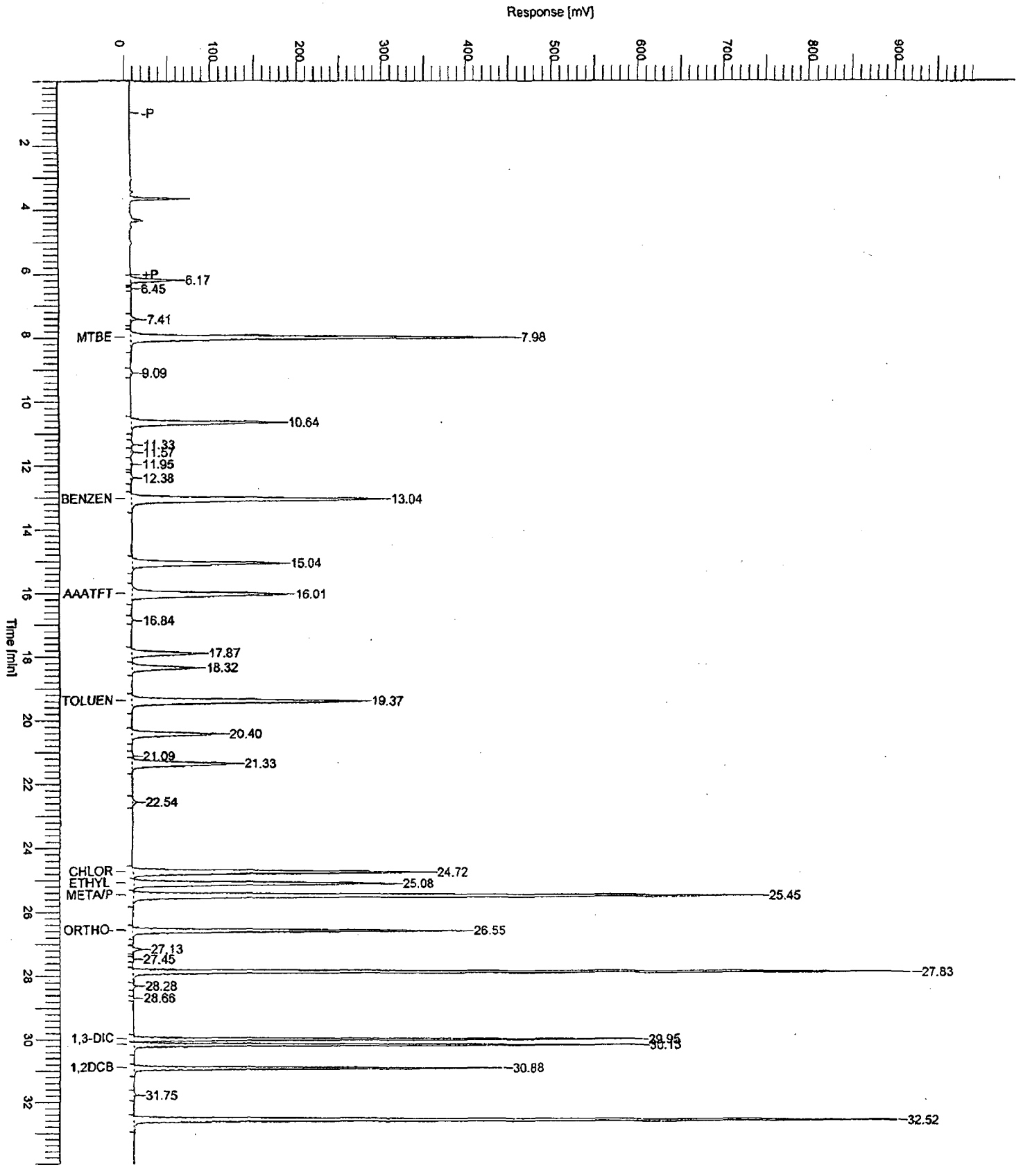
Missing Component Report
Component Expected Retention (Calibration File)

All components were found

HP5890-0 COLUMN: DB-624

Chromatogram

Sample Name : LEVEL C Sample #: 150ng Page 1 of 1
FileName : H:\turbo6\5890-00\0A36034.raw
Date : 2/22/2007 2:10:18 PM
Method : 0DINS.mth Time of Injection: 2/22/2007 1:36:02 PM
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 2/22/2007 2:10:18 PM
Reprocess Number	: buf2040: 64057		
Operator	: tchrom	Sample Name	: LEVEL C
Sample Number	: 150ng	Study	: CTA00404
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/22/2007 1:36:02 PM	Cycle	: 33

Raw Data File : H:\turbo6\5890-00\0A36034.raw
Result File : H:\turbo6\5890-00\0A36034.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36034.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36034.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36034.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

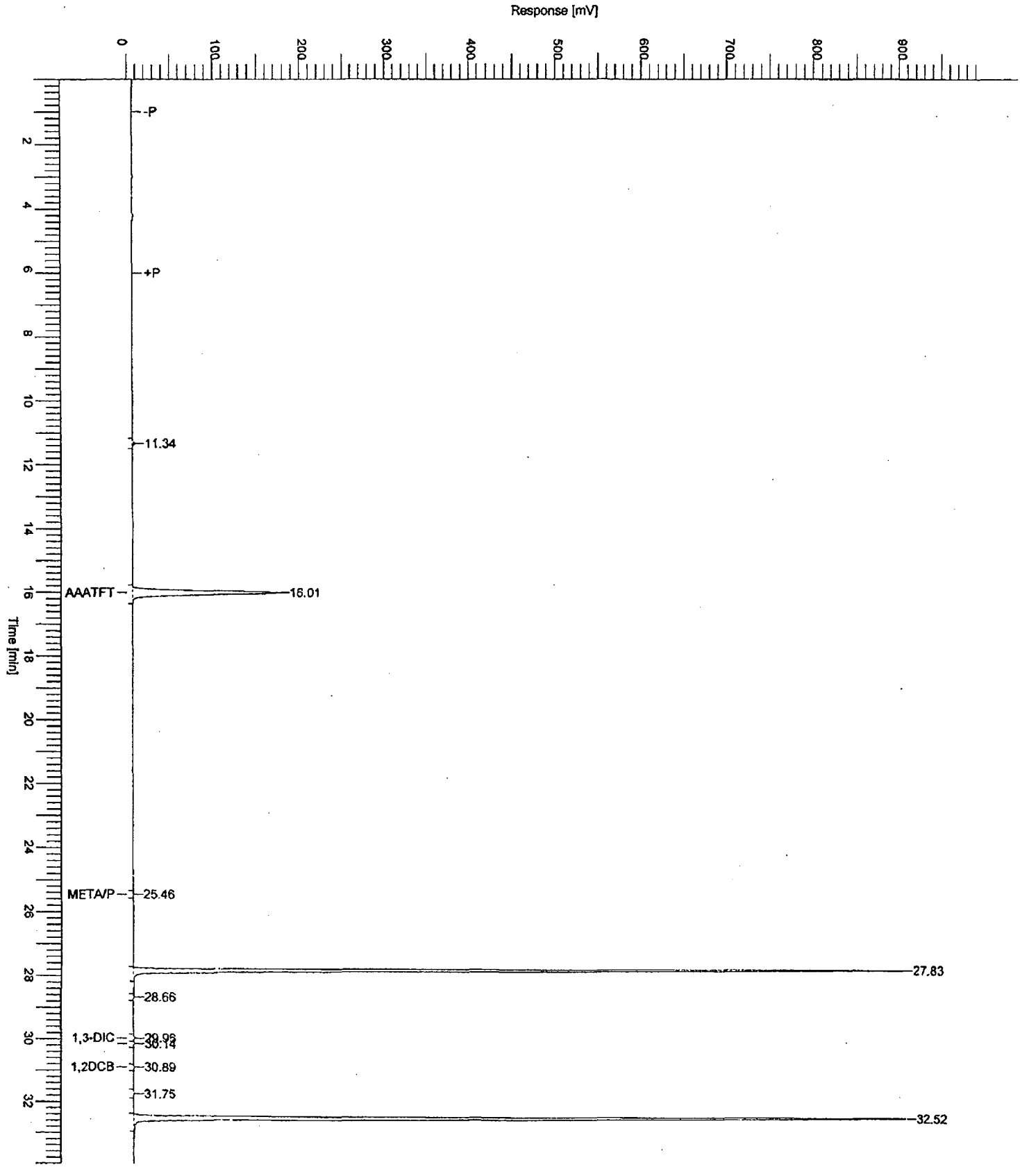
Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column		Amount ug/L
1	297744.00	B	52339.23	6.17		0.30		0.06
2	896.40	B	276.43	6.45		0.00		0.00
3	44790.60	B	7638.69	7.41		0.04		0.01
4	2886279.60	B	445189.90	7.98	MTBE	150.00		30.00
5	17098.60	B	2281.66	9.09		0.02		0.00
6	1151866.00	B	170003.05	10.64		1.15		0.23
7	17632.91	B	2543.68	11.33		0.02		0.00
8	20875.49	V	2671.56	11.57		0.02		0.00
9	16127.40	B	1735.06	11.95		0.02		0.00
10	18509.60	B	2033.22	12.38		0.02		0.00
11	2232359.60	B	290931.88	13.04	BENZENE	150.00		30.00
12	1288981.20	B	171297.12	15.04		1.29		0.26
13	1563316.80	B	177896.73	16.01	AAATFT	150.00		30.00
14	11655.20	B	1614.62	16.84		0.01		0.00
15	575194.00	B	77448.78	17.87		0.58		0.12
16	545336.00	B	74231.98	18.32		0.55		0.11
17	2069662.80	B	266963.99	19.37	TOLUENE	150.00		30.00
18	722954.00	B	102028.33	20.40		0.72		0.14
19	9288.01	B	1446.07	21.09		0.01		0.00
20	955301.79	V	118589.35	21.33		0.96		0.19
21	35004.00	B	4403.22	22.54		0.04		0.01
22	2211253.60	B	344041.05	24.72	CHLOROBENZENE	150.00		30.00
23	1912333.20	B	301585.50	25.08	ETHYL BENZENE	150.00		30.00
24	4553416.40	B	731131.89	25.45	META/PARA XYLENE	300.00		60.00
25	1982995.60	B	387899.11	26.55	ORTHO-XYLENE	150.00		30.00
26	44999.20	B	9388.60	27.13		0.04		0.01
27	3643.60	B	778.80	27.45		0.00		0.00
28	4016397.19	B	908666.34	27.83		4.02		0.80
29	15102.01	V	2702.85	28.28		0.02		0.00
30	2956.80	B	815.64	28.66		0.00		0.00
31	2244970.43	B	589469.72	29.95	1,3-DICHLOROBENZENE	150.00		30.00
32	2238063.97	V	590085.39	30.13	1,4-DICHLOROBENZENE	150.00		30.00
33	1788022.40	B	430467.51	30.88	1,2DCB	150.00		30.00
34	16220.00	B	2090.23	31.75		0.02		0.00
35	4582889.60	B	890998.36	32.52		4.58		0.92
	40094138.00		7.16e+06			1814.41		362.88

Missing Component Report
Component Expected Retention (Calibration File)

All components were found

Chromatogram

Sample Name : LEVEL D Sample #: SURROGATE Page 1 of 1
FileName : H:\turbo6\5890-00\0A36035.raw
Date : 2/22/2007 2:49:43 PM
Method : 0DINS.mth Time of Injection: 2/22/2007 2:15:26 PM
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 2/22/2007 2:49:43 PM
Reprocess Number	: buf2040: 64061		
Operator	: tchrom	Sample Name	: LEVEL D
Sample Number	: SURROGATE	Study	: CTA00404
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 2/22/2007 2:15:26 PM	Cycle	: 34

Raw Data File : H:\turbo6\5890-00\0A36035.raw
Result File : H:\turbo6\5890-00\0A36035.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36035.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36035.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36035.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column		Amount ug/L
1	16740.40	B	2408.24	11.34		0.02		0.00
2	1470221.20	B	169930.62	16.01	AAATFT	150.00		30.00
3	3939.20	B	687.40	25.46	META/PARA XYLENE	0.31		0.06
4	3971868.80	B	898617.34	27.83		3.97		0.79
5	3754.40	B	937.93	28.66		0.00		0.00
6	5846.05	B	1321.64	29.96	1,3-DICHLOROBENZENE	0.49		0.10
7	5619.95	V	1343.99	30.14	1,4-DICHLOROBENZENE	0.47		0.09
8	5238.40	B	1152.61	30.89	1,2DCB	0.53		0.11
9	5948.00	B	800.42	31.75		0.01		0.00
10	4632938.20	B	901759.85	32.52		4.63		0.93
	10122114.60		1.98e+06			160.43		32.09

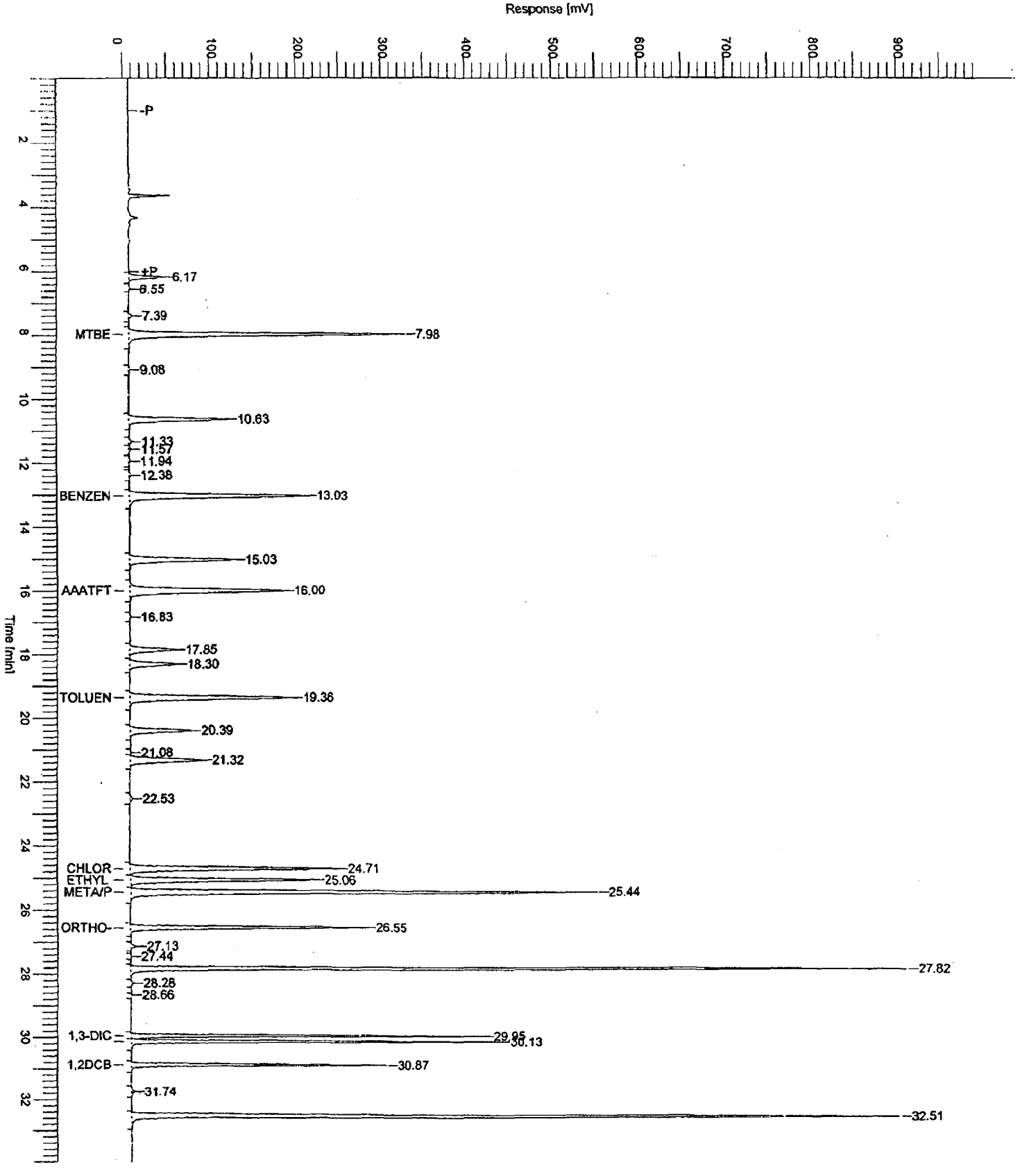
Missing Component Report

Component	Expected Retention (Calibration File)
MTBE	8.027
BENZENE	13.089
TOLUENE	19.430
CHLOROBENZENE	24.771
ETHYL BENZENE	25.124
ORTHO-XYLENE	26.591

HP5890-0 COLUMN: DB-624

Chromatogram

Sample Name : SSC Sample #: Page 1 of 1
FileName : H:\turbo6\5890-00\0A36036.raw
Date : 02/22/2007 15:42:01
Method : 0DINS Time of Injection: 02/22/2007 14:55:02
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 02/22/2007 15:42:00
Reprocess Number	: buf2050: 5582		
Operator	: tchrom	Sample Name	: SSC
Sample Number	:	Study	: CTA00404
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 02/22/2007 14:55:02	Cycle	: 1

Raw Data File : H:\turbo6\5890-00\0A36036.raw <Modified>
Result File : H:\turbo6\5890-00\0A36036.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36036.raw
Proc Method : h:\turbo6\5890-00\0aprc.mth from H:\turbo6\5890-00\0A36036.rst
Calib Method : h:\turbo6\5890-00\0a0222.mth from H:\turbo6\5890-00\0A36036.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

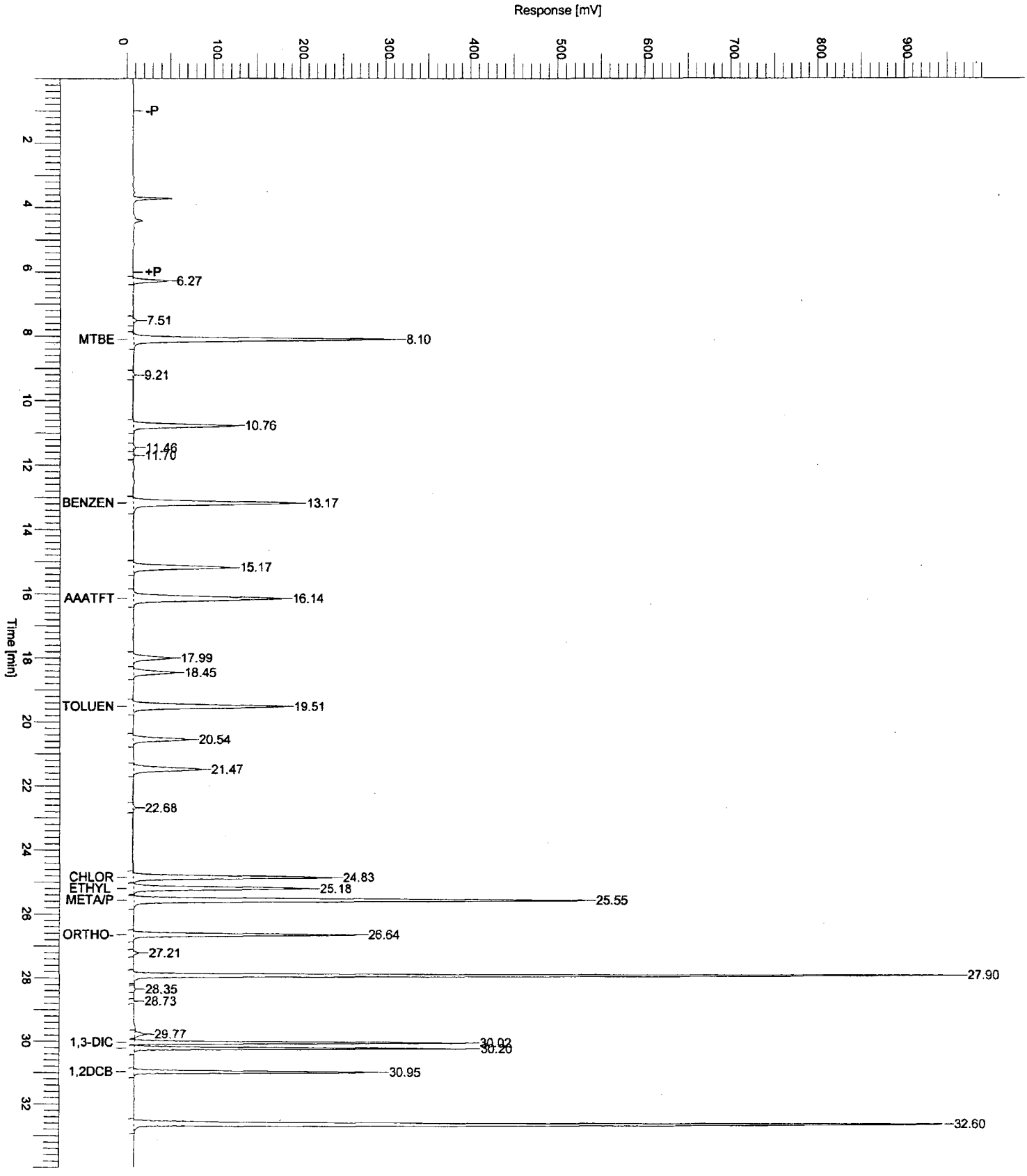
Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column		Amount ug/L
1	221792.00	B	38727.72	6.17		0.22		0.04
2	4565.60	B	686.32	6.55		0.00		0.00
3	27942.80	B	4346.57	7.39		0.03		0.01
4	2056598.00	B	322596.06	7.98	MTBE	108.08		21.62
5	11800.40	B	1614.94	9.08		0.01		0.00
6	767904.80	B	113734.72	10.63		0.77		0.15
7	17319.61	B	2499.30	11.33		0.02		0.00
8	14834.59	V	1899.91	11.57		0.01		0.00
9	11381.00	B	1248.67	11.94		0.01		0.00
10	13120.00	B	1461.50	12.38		0.01		0.00
11	1569075.20	B	205288.38	13.03	BENZENE	107.03		21.41
12	916524.60	B	121798.08	15.03		0.92		0.18
13	1557637.60	B	178080.66	16.00	AAATFT	152.79		30.56
14	8769.20	B	1181.86	16.83		0.01		0.00
15	392588.13	B	52461.63	17.85		0.39		0.08
16	405150.27	V	54516.46	18.30		0.41		0.08
17	1476082.40	B	188568.56	19.36	TOLUENE	108.28		21.66
18	502800.40	B	70602.81	20.39		0.50		0.10
19	5202.04	B	854.58	21.08		0.01		0.00
20	668622.16	V	83062.40	21.32		0.67		0.13
21	23946.00	B	3050.74	22.53		0.02		0.00
22	1567051.08	B	241784.85	24.71	CHLOROBENZENE	107.31		21.46
23	1371386.92	V	213547.32	25.06	ETHYL BENZENE	108.54		21.71
24	3281814.20	B	546121.47	25.44	META/PARA XYLENE	218.08		43.62
25	1408480.80	B	274142.69	26.55	ORTHO-XYLENE	107.74		21.55
26	31996.40	B	6688.86	27.13		0.03		0.01
27	2682.60	B	565.35	27.44		0.00		0.00
28	4044511.61	B	907021.43	27.82		4.04		0.81
29	15210.79	V	2449.10	28.28		0.02		0.00
30	3302.00	B	864.65	28.66		0.00		0.00
31	1566028.70	B	412454.12	29.95	1,3-DICHLOROBENZENE	106.38		21.28
32	1631101.70	V	431161.35	30.13	1,4-DICHLOROBENZENE	111.10		22.22
33	1241658.40	B	298342.20	30.87	1,2DCB	105.63		21.13
34	23237.60	B	2973.75	31.74		0.02		0.00
35	4625256.40	B	898867.15	32.51		4.63		0.93
	31487376.00		5.69e+06			1353.71		270.74

Missing Component Report
Component Expected Retention (Calibration File)

All components were found

Chromatogram

Sample Name : ICV Sample #: Page 1 of 1
FileName : H:\turbo6\5890-00\0A36122.raw
Date : 3/12/2007 11:25:23 AM
Method : 0DINS.mth Time of Injection: 3/12/2007 10:50:42 AM
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 3/12/2007 11:25:23 AM
Reprocess Number	: buf2040: 64900		
Operator	: tchrom	Sample Name	: ICV
Sample Number	:	Study	: CTA15169
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 ul	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/12/2007 10:50:42 AM	Cycle	: 2

Raw Data File : H:\turbo6\5890-00\0A36122.raw
Result File : H:\turbo6\5890-00\0A36122.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36122.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36122.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36122.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column	Amount ug/L
1	218877.60	B	38684.06	6.27		0.22	0.04
2	27730.00	B	4172.96	7.51		0.03	0.01
3	1956678.00	B	304524.20	8.10	MTBE	102.83	20.57
4	11966.60	B	1651.58	9.21		0.01	0.00
5	782821.20	B	116507.44	10.76		0.78	0.16
6	18428.68	B	2669.97	11.46		0.02	0.00
7	14190.12	V	1835.37	11.70		0.01	0.00
8	1445568.80	B	188887.95	13.17	BENZENE	98.61	19.72
9	833339.20	B	110990.32	15.17		0.83	0.17
10	1503293.60	B	171561.82	16.14	AAATFT	147.46	29.49
11	323249.59	B	43179.48	17.99		0.32	0.06
12	347776.81	V	47045.37	18.45		0.35	0.07
13	1350285.60	B	173532.65	19.51	TOLUENE	99.05	19.81
14	454064.80	B	64102.52	20.54		0.45	0.09
15	623738.00	B	77901.55	21.47		0.62	0.12
16	22605.60	B	2921.38	22.68		0.02	0.00
17	1459415.93	B	230609.64	24.83	CHLOROBENZENE	99.94	19.99
18	1272238.47	V	203197.87	25.18	ETHYL BENZENE	100.69	20.14
19	3073459.60	B	522724.35	25.55	META/PARA XYLENE	204.24	40.85
20	1311966.00	B	259713.06	26.64	ORTHO-XYLENE	100.35	20.07
21	31178.00	B	6636.39	27.21		0.03	0.01
22	4175980.80	B	953126.56	27.90		4.18	0.84
23	8095.40	B	1679.29	28.35		0.01	0.00
24	3206.40	B	884.94	28.73		0.00	0.00
25	76841.20	B	10899.46	29.77		0.08	0.02
26	1487534.29	B	388127.44	30.02	1,3-DICHLOROBENZENE	101.04	20.21
27	1484517.31	V	389332.51	30.20	1,4-DICHLOROBENZENE	101.11	20.22
28	1193315.60	B	283031.00	30.95	1,2DCB	101.51	20.30
29	4828369.00	B	936852.76	32.60		4.83	0.97
	30340732.20		5.54e+06			1269.64	253.93

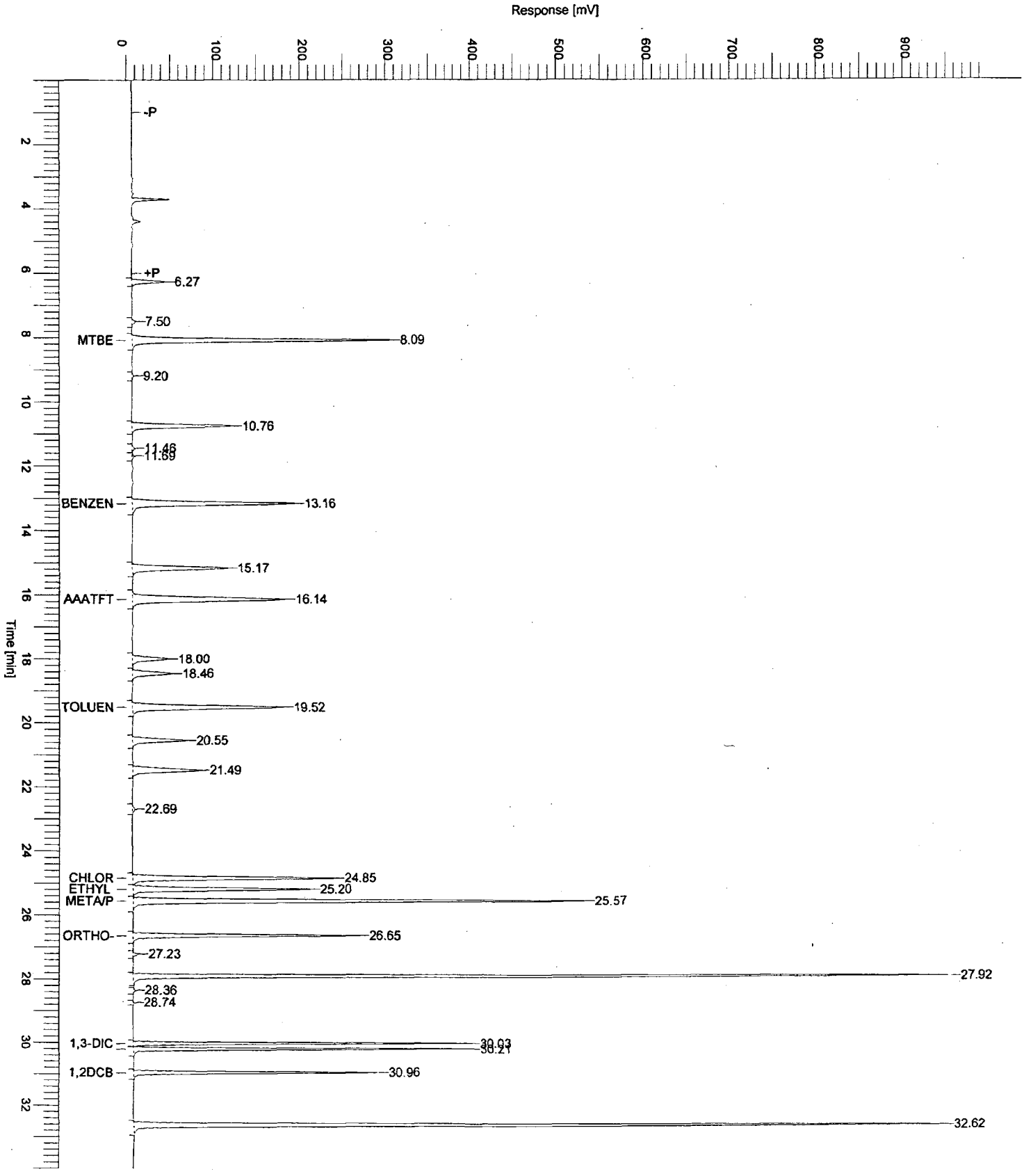
Missing Component Report
Component Expected Retention (Calibration File)

All components were found

HP5890-0 COLUMN: DB-624

Chromatogram

Sample Name : CCV Sample #: VOS180-6 Page 1 of 1
FileName : H:\turbo6\5890-00\0A36129.raw
Date : 3/12/2007 5:04:33 PM
Method : 0DINS.mth Time of Injection: 3/12/2007 4:29:51 PM
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 3/12/2007 5:04:32 PM
Reprocess Number	: buf2040: 64926		
Operator	: tchrom	Sample Name	: CCV
Sample Number	: VOS180-6	Study	: CTA15169
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 µL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/12/2007 4:29:51 PM	Cycle	: 3

VOC-624

Raw Data File : H:\turbo6\5890-00\0A36129.raw
Result File : H:\turbo6\5890-00\0A36129.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36129.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36129.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36129.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column	Amount ug/L
1	215456.20	B	38082.95	6.27		0.22	0.04
2	27338.40	B	4155.60	7.50		0.03	0.01
3	1915661.20	B	299233.59	8.09	MTBE	100.67	20.13
4	11298.40	B	1574.00	9.20		0.01	0.00
5	779214.00	B	115700.77	10.76		0.78	0.16
6	17788.30	B	2566.21	11.46		0.02	0.00
7	14216.10	V	1859.06	11.69		0.01	0.00
8	1434505.40	B	187058.89	13.16	BENZENE	97.85	19.57
9	825178.80	B	109832.85	15.17		0.83	0.17
10	1542498.20	B	176310.59	16.14	AAATFT	151.30	30.26
11	309107.46	B	41151.17	18.00		0.31	0.06
12	339275.94	V	45777.57	18.46		0.34	0.07
13	1354020.40	B	174060.75	19.52	TOLUENE	99.33	19.87
14	440598.00	B	62051.63	20.55		0.44	0.09
15	616616.60	B	77041.76	21.49		0.62	0.12
16	22776.40	B	2903.60	22.69		0.02	0.00
17	1467531.72	B	232805.99	24.85	CHLOROBENZENE	100.50	20.10
18	1278140.08	V	204009.41	25.20	ETHYL BENZENE	101.16	20.23
19	3082847.20	B	523902.87	25.57	META/PARA XYLENE	204.86	40.97
20	1320298.00	B	261255.99	26.65	ORTHO-XYLENE	100.99	20.20
21	31122.20	B	6607.85	27.23		0.03	0.01
22	4167461.20	B	947068.30	27.92		4.17	0.83
23	7295.80	B	1534.17	28.36		0.01	0.00
24	3131.60	B	856.50	28.74		0.00	0.00
25	1492368.46	B	390667.94	30.03	1,3-DICHLOROBENZENE	101.37	20.27
26	1488204.14	V	390591.21	30.21	1,4-DICHLOROBENZENE	101.36	20.27
27	1189536.20	B	282636.00	30.96	1,2DCB	101.19	20.24
28	4820896.40	B	936453.25	32.62		4.82	0.96
	30214382.80		5.52e+06			1273.24	254.65

LA 3-13-07

Missing Component Report
Component Expected Retention (Calibration File)

All components were found

HP5890-0 COLUMN: DB-624

Raw QC Data

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
ANALYSIS DATA SHEET

Client No.

VBLK

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0338101

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A36123.TX0

Level: (low/med) Low Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 03/12/2007

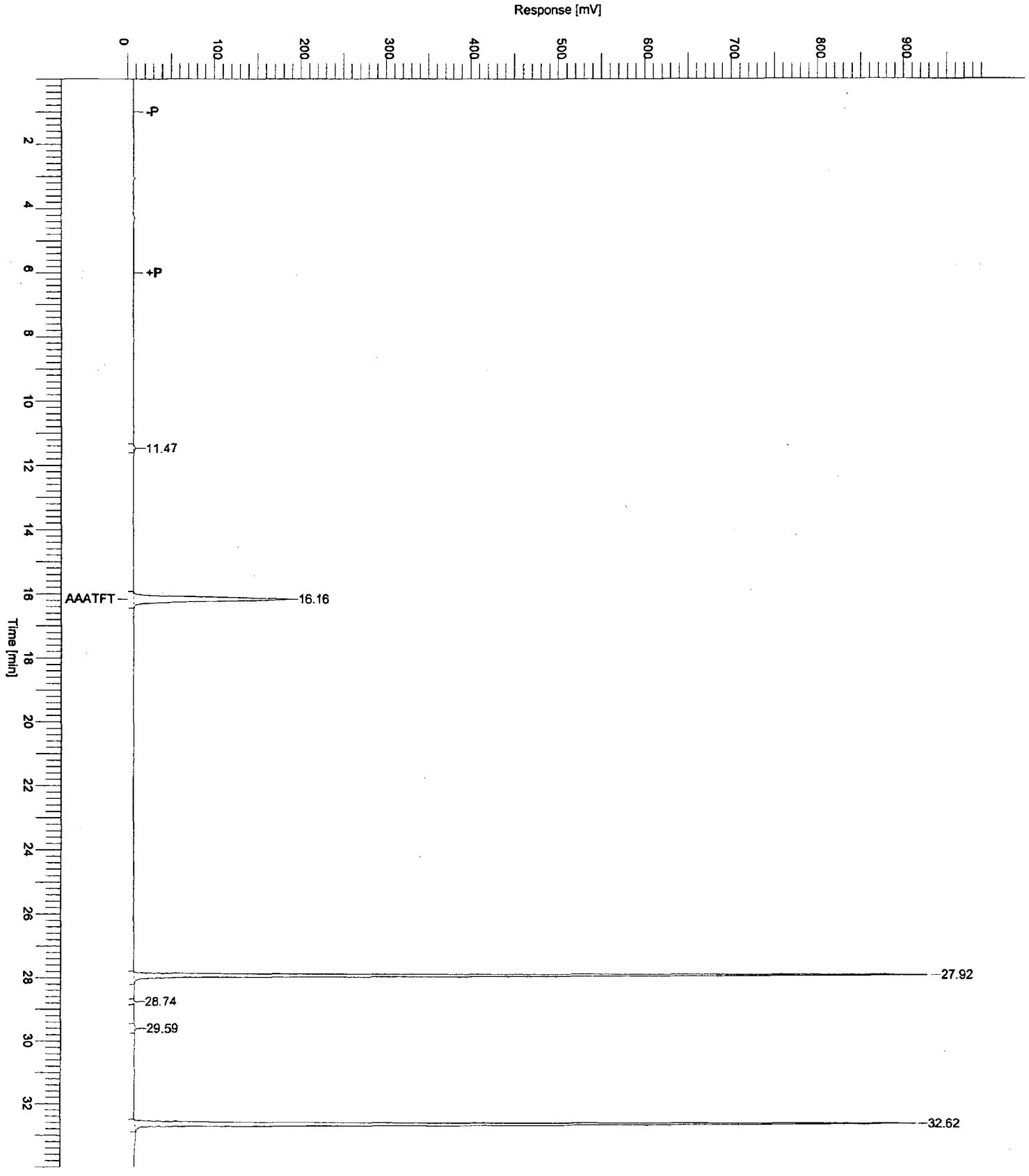
GC Column: ZB-624 Dia: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	1.0	U
108-90-7	Chlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
100-41-4	Ethylbenzene	1.0	U
108-88-3	Toluene	1.0	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	1.0	U
108-38-3	m-Xylene	2.0	U
95-47-6	o-Xylene	1.0	U
106-42-3	p-Xylene	2.0	U

Chromatogram

Sample Name : VBLK Sample #: Page 1 of 1
FileName : H:\turbo6\5890-00\0A36123.raw
Date : 3/12/2007 12:37:52 PM
Method : 0DINS.mth Time of Injection: 3/12/2007 12:03:08 PM
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 3/12/2007 12:37:52 PM
Reprocess Number	: buf2040: 64902		
Operator	: tchrom	Sample Name	: VBLK
Sample Number	:	Study	: CTA15169
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/12/2007 12:03:08 PM	Cycle	: 1

Raw Data File : H:\turbo6\5890-00\0A36123.raw
Result File : H:\turbo6\5890-00\0A36123.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36123.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36123.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36123.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column		Amount ug/L
1	15570.20	B	2366.60	11.47		0.02		0.00
2	1536615.60	B	177719.08	16.16	AAATFT	150.73		30.15
3	4012308.00	B	922864.10	27.92		4.01		0.80
4	3508.40	B	918.40	28.74		0.00		0.00
5	14399.00	B	1890.79	29.59		0.01		0.00
6	4634618.80	B	906486.65	32.62		4.63		0.93
	10217020.00		2.01e+06			159.41		31.88

LD
3.12.07

Missing Component Report

Component	Expected Retention (Calibration File)
MTBE	8.087
BENZENE	13.163
TOLUENE	19.508
CHLOROBENZENE	24.837
ETHYL BENZENE	25.185
META/PARA XYLENE	25.553
ORTHO-XYLENE	26.637
1,3-DICHLOROBENZENE	30.017
1,4-DICHLOROBENZENE	30.197
1,2DCB	30.945

HP5890-0 COLUMN: DB-624

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
ANALYSIS DATA SHEET

Client No.: MSB

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0338102

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A36124.TX0

Level: (low/med) Low Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 03/12/2007

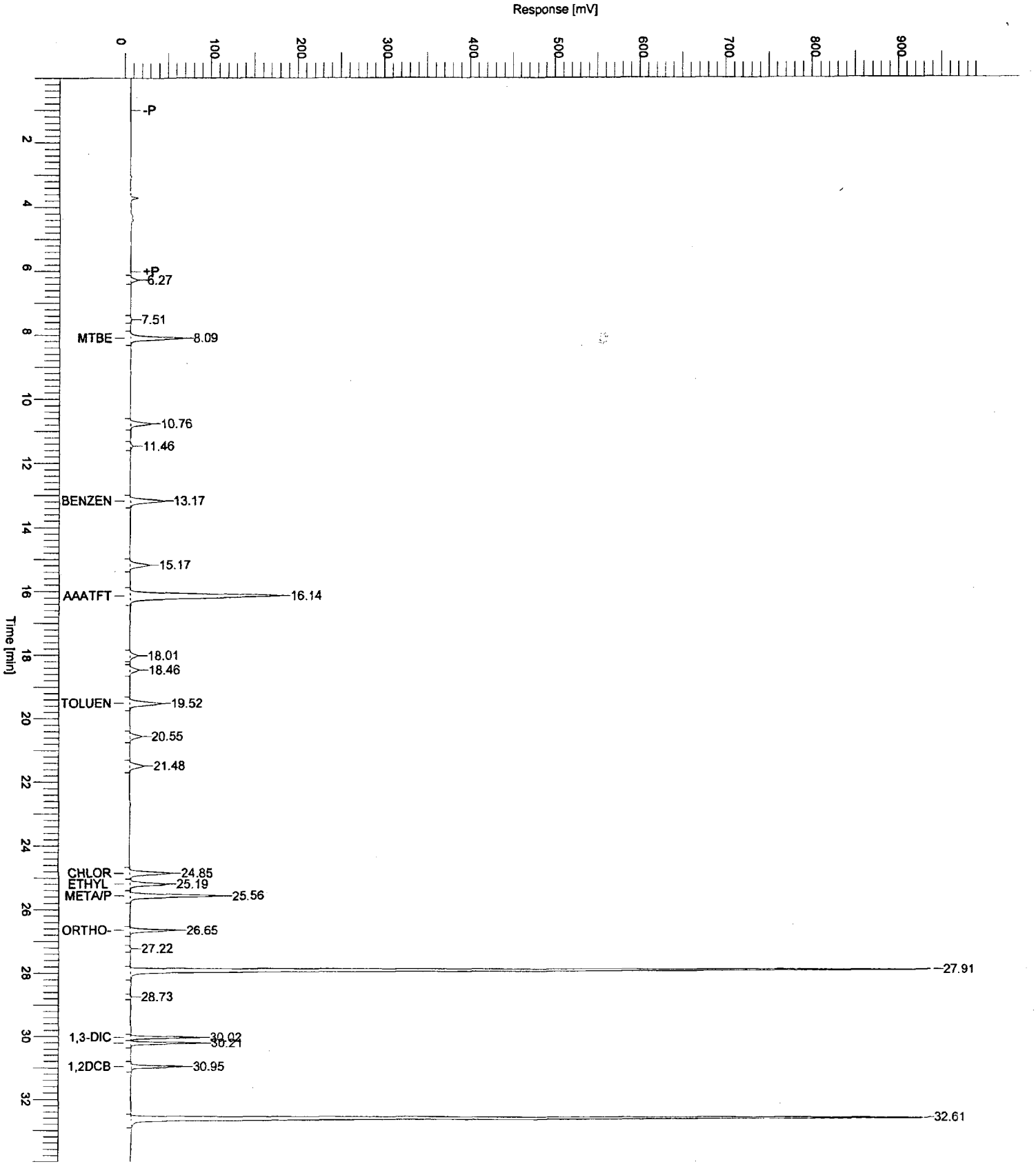
GC Column: ZB-624 Dia: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	3.9	
108-90-7	Chlorobenzene	4.2	
95-50-1	1,2-Dichlorobenzene	4.4	
541-73-1	1,3-Dichlorobenzene	4.2	
106-46-7	1,4-Dichlorobenzene	4.2	
100-41-4	Ethylbenzene	4.2	
108-88-3	Toluene	4.1	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	4.1	
108-38-3	m-Xylene	8.4	1
95-47-6	o-Xylene	4.2	
106-42-3	p-Xylene	2.0	1U

Chromatogram

Sample Name : MSB Sample #: AVOS69-7 Page 1 of 1
FileName : H:\turbo6\5890-00\0A36124.raw
Date : 3/12/2007 1:16:58 PM
Method : 0DINS.mth Time of Injection: 3/12/2007 12:42:14 PM
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 3/12/2007 1:16:58 PM
Reprocess Number	: buf2040: 64904		
Operator	: tchrom	Sample Name	: MSB
Sample Number	: AVOS69-7	Study	: CTA15169
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/12/2007 12:42:14 PM	Cycle	: 2

Raw Data File : H:\turbo6\5890-00\0A36124.raw
Result File : H:\turbo6\5890-00\0A36124.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36124.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36124.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36124.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column	Amount ug/L
1	42991.60	B	7551.65	6.27		0.04	0.01
2	6597.20	B	1081.55	7.51		0.01	0.00
3	393202.80	B	61195.53	8.09	MTBE	20.66	4.13
4	157253.60	B	23418.70	10.76		0.16	0.03
5	15928.00	B	2418.32	11.46		0.02	0.00
6	286624.00	B	38030.17	13.17	BENZENE	19.55	3.91
7	164592.80	B	21922.11	15.17		0.16	0.03
8	1509583.60	B	173361.35	16.14	AAATFT	148.08	29.62
9	63286.20	B	8510.91	18.01		0.06	0.01
10	71368.60	B	9702.49	18.46		0.07	0.01
11	279157.60	B	35846.75	19.52	TOLUENE	20.48	4.10
12	93706.60	B	13206.18	20.55		0.09	0.02
13	126638.40	B	15840.05	21.48		0.13	0.03
14	305374.77	B	47880.21	24.85	CHLOROBENZENE	20.91	4.18
15	264178.23	V	41900.15	25.19	ETHYL BENZENE	20.91	4.18
16	631915.20	B	106381.15	25.56	META/PARA XYLENE	41.99	8.40
17	273785.40	B	53843.69	26.65	ORTHO-XYLENE	20.94	4.19
18	6480.00	B	1427.86	27.22		0.01	0.00
19	4050672.00	B	931173.04	27.91		4.05	0.81
20	3474.20	B	916.56	28.73		0.00	0.00
21	310569.66	B	80108.59	30.02	1,3-DICHLOROBENZENE	21.10	4.22
22	311709.14	V	81272.72	30.21	1,4-DICHLOROBENZENE	21.23	4.25
23	258278.40	B	59776.40	30.95	1,2DCB	21.97	4.39
24	4704326.00	B	919508.98	32.61		4.70	0.94
	14331694.00		2.74e+06			387.33	77.47

LD
3.12.07

Missing Component Report
Component Expected Retention (Calibration File)

All components were found

HP5890-0 COLUMN: DB-624

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
ANALYSIS DATA SHEET

Client No.: MSBD

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0338103

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A36125.TX0

Level: (low/med) Low Date Samp/Recv: _____ _____

% Moisture: not dec. _____ Date Analyzed: 03/12/2007

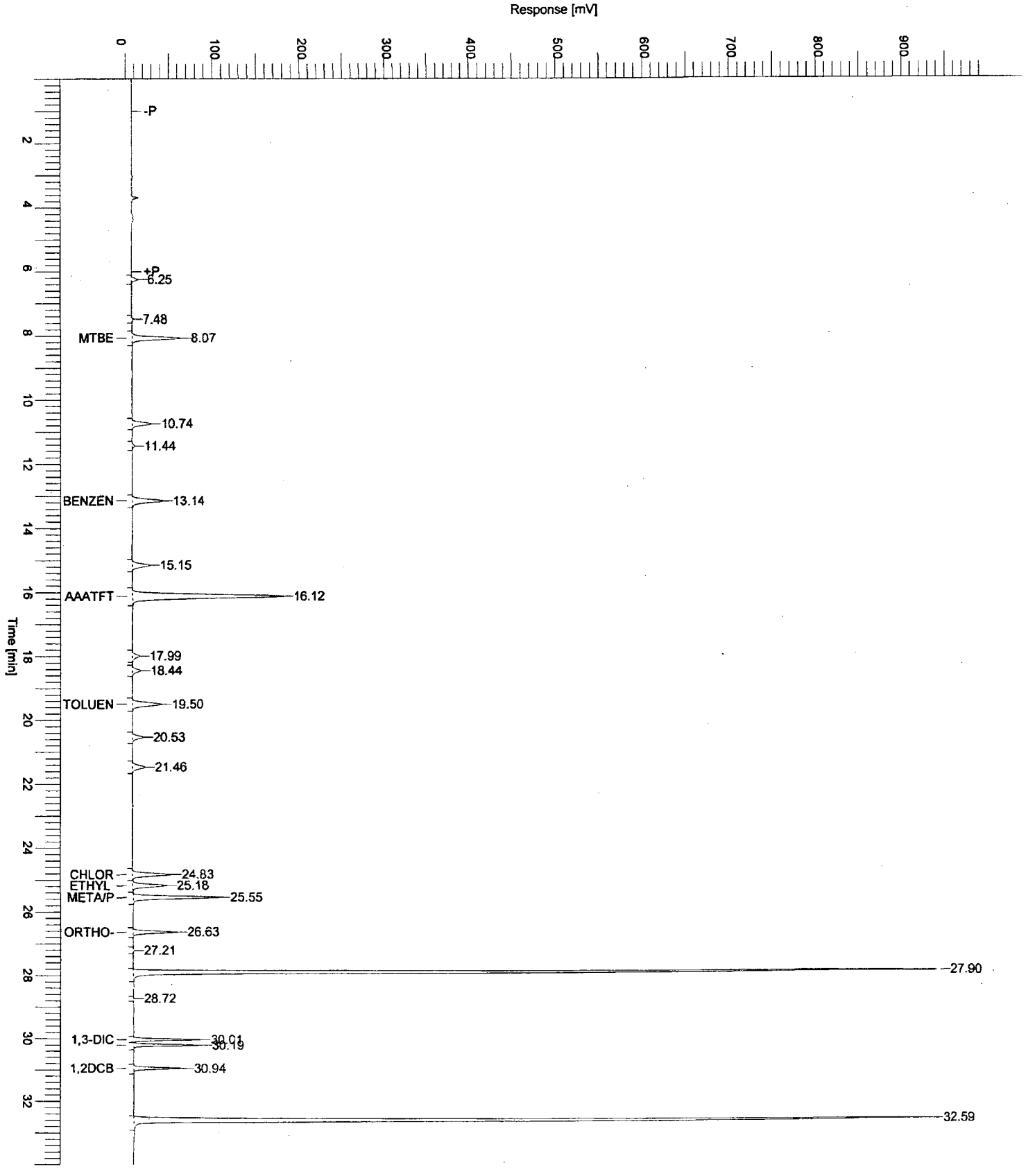
GC Column: ZB-624 Dia: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	3.6	
108-90-7	Chlorobenzene	4.0	
95-50-1	1,2-Dichlorobenzene	4.2	
541-73-1	1,3-Dichlorobenzene	4.0	
106-46-7	1,4-Dichlorobenzene	4.1	
100-41-4	Ethylbenzene	3.9	
108-88-3	Toluene	3.9	
1634-04-4	Methyl-t-Butyl Ether (MTBE)	3.8	
108-38-3	m-Xylene	7.9	1
95-47-6	o-Xylene	4.0	
106-42-3	p-Xylene	2.0	1U

Chromatogram

Sample Name : MSBD Sample #: AVOS69-7 Page 1 of 1
FileName : H:\turbo6\5890-00\0A36125.raw
Date : 3/12/2007 1:56:17 PM
Method : 0DINS.mth Time of Injection: 3/12/2007 1:21:33 PM
Start Time : 0.00 min End Time : 34.00 min Low Point : 0.00 mV High Point : 1000.00 mV
Plot Offset: 0.00 mV Plot Scale: 1000.0 mV



Software Version	: 6.2.1.0.104:0104	Date	: 3/12/2007 1:56:16 PM
Reprocess Number	: buf2040: 64908		
Operator	: tchrom	Sample Name	: MSBD
Sample Number	: AVOS69-7	Study	: CTA15169
AutoSampler	: NONE	Rack/Vial	: 0/0
Instrument Name	: HP5890-00	Channel	: A
Interface Serial #	: 9105570639	A/D mV Range	: 1000
Delay Time	: 0.00 min	End Time	: 34.00 min
Sampling Rate	: 2.5000 pts/s		
Sample Volume	: 1.000000 uL	Area Reject	: 800.000000
Sample Amount	: 1.0000	Dilution Factor	: 1.00
Data Acquisition Time	: 3/12/2007 1:21:33 PM	Cycle	: 3

Raw Data File : H:\turbo6\5890-00\0A36125.raw
Result File : H:\turbo6\5890-00\0A36125.rst
Inst Method : H:\TURBO6\5890-00\0DINS from H:\turbo6\5890-00\0A36125.raw
Proc Method : h:\turbo6\5890-00\0aprc from H:\turbo6\5890-00\0A36125.rst
Calib Method : h:\turbo6\5890-00\0a0222 from H:\turbo6\5890-00\0A36125.rst
Report Format File: h:\turbo6\5890-00\0a01.rpt
Sequence File : H:\TURBO6\5890-00\0D36.seq

>>>>>> SEVERN TRENT LABORATORIES <<<<<<

PID

Peak #	Area [uV-sec]	BL	Height [uV]	Ret Time [min]	Component Name	ng on column	Amount ug/L
1	38808.40	B	6804.47	6.25		0.04	0.01
2	6204.00	B	1035.56	7.48		0.01	0.00
3	365954.80	B	56723.33	8.07	MTBE	19.23	3.85
4	147992.20	B	22067.67	10.74		0.15	0.03
5	15607.00	B	2380.80	11.44		0.02	0.00
6	267281.40	B	35456.69	13.14	BENZENE	18.23	3.65
7	152470.40	B	20300.68	15.15		0.15	0.03
8	1511055.60	B	173371.09	16.12	AAATFT	148.22	29.64
9	63081.60	B	8400.43	17.99		0.06	0.01
10	68427.60	B	9272.48	18.44		0.07	0.01
11	263482.00	B	33914.43	19.50	TOLUENE	19.33	3.87
12	90645.60	B	12728.38	20.53		0.09	0.02
13	116719.20	B	14664.89	21.46		0.12	0.02
14	291169.86	B	45381.41	24.83	CHLOROBENZENE	19.94	3.99
15	247828.74	V	39311.37	25.18	ETHYL BENZENE	19.61	3.92
16	595991.80	B	100037.51	25.55	META/PARA XYLENE	39.60	7.92
17	260614.00	B	51072.22	26.63	ORTHO-XYLENE	19.93	3.99
18	6500.40	B	1399.08	27.21		0.01	0.00
19	4079564.40	B	933797.27	27.90		4.08	0.82
20	3406.40	B	910.12	28.72		0.00	0.00
21	297815.91	B	76905.57	30.01	1,3-DICHLOROBENZENE	20.23	4.05
22	299735.49	V	78258.28	30.19	1,4-DICHLOROBENZENE	20.42	4.08
23	244184.00	B	57809.92	30.94	1,2DCB	20.77	4.15
24	4743552.80	B	924523.06	32.59		4.74	0.95
	14178093.60		2.71e+06			375.06	75.01

LA
3-12-07

Missing Component Report
Component Expected Retention (Calibration File)

All components were found

HP5890-0 COLUMN: DB-624

#0

G.C. VOA INJECTION LOG BOOK

DATE	ANALYST	FILE / RAW #	SAMPLE I.D.	JOB #	INJ. VOL.	~~WT~~ ml	F.V.	D.F.	AUTO #	METHOD #	DETECTOR	SURROGATE #	SPIKE	COMMENTS
3.7.07	LD	0136.SCQ 102	A72044 01	2044	5000	2	100	1	1	6.0/6.2	HALLS/PID	VOC 150 N		
			" 02	"					2					
			A72051 01	2051					3					
		105	A72089 09	2089					4					
			A72077 01	2077		7			5					
			" 02	"		7		50	6					
			BLANK	—		—		1	7					
			CCV	1					8				VOS 176.12	GroA @-RANGE
3.8.07		110	IBLK						1					
			ICV	QC					2				VOS 175-1	GroA @-RANGE
			VBLK						3					
			MSB						4				AVOS 65-4	
			A72097 01	2097		2		50	5					Benchwide F-40
		115	01					40	1					
			01MS						2				AVOS 65-4	
			01SD						3				1	
			02			↓		1	4					
			BLANK	—		—			5					
		120	CCV	1					6				VOS 175-1	GroA @-RANGE
3.12.07			IBLK						1					
			ICV	QC					2				VOS 180.6	GroA @-RANGE
			VBLK						1					
			MSB						2				AVOS 65-7	
		125	MSBD						3				1	
			A072204 01	2204		2			4					
			A72159 01	2159		1			1					
			BLANK	—		—			2					
			CCV	1		1			3				VOS 180.6	GroA @-RANGE
		130												

G.C. VOA INJECTION LOG BOOK

DATE	ANALYST	FILE / RAW #	SAMPLE I.D.	JOB #	INJ. VOL.	WT. pH	F.V.	D.F.	AUTO #	METHOD #	DETECTOR	SURROGATE #	SPIKE	COMMENTS
[illegible].07	LD	0336.seq 30	CCV	—	5000	—	400	1	6	[illegible]/[illegible]	HALL/PID	Voc 150m	Vos 174-2	Good Q-range
2-22-07			1SLC	1					1					
			Level A						2				Vos 174-7	
			Level B	50ng					1				L	
			Level C	150ng.					2				Vos 174-8	
		35	Level D	Surr.					3				[illegible]	
			SSC	—					4				Avis 68-2	
2-23-07			1BLK	1					1					
			ICV	QC					2				Vos 174-14	Good Q-range
			VBLK						3					
		40	MSB						4				Avos 68-5	
			MSBD						5				1	
			A71627 01	1627		2			6					
			A71625 01	1625					1					
			Blank	—		—			2					
		45	CCV	1		1			3				Vos 174-14	
		50												

OLM04.2 Semivolatiles

QC Summary

EPA OLM04.2 - SEMIVOLATILES
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: 2204

	Client Sample ID	Lab Sample ID	2CP %REC	#	2FP %REC	#	DCB %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#	TOT OUT
1	Matrix Spike Blank	A7B0339201	68		64		68		72		68		65		78		75		0
2	MW15R-3/07	A7221901	57		51		55		62		58		56		67		28	*	1
3	MW15R-3/07	A7221901MS	48		44		49		53		51		46		59		22	*	1
4	MW15R-3/07	A7221901SD	66		59		63		69		67		63		73		27	*	1
5	MW16R-3/07	A7221902	61		54		58		65		62		56		71		22	*	1
6	MW17-3/07	A7221903	59		54		58		65		62		57		71		22	*	1
7	SBLK48	A7B0339202	59		55		56		60		59		56		64		69		0

			QC LIMITS
2CP	=	2-Chlorophenol-d4	(33-110)
2FP	=	2-Fluorophenol	(21-110)
DCB	=	1,2-Dichlorobenzene-d4	(16-110)
FBP	=	2-Fluorobiphenyl	(43-116)
NBZ	=	Nitrobenzene-D5	(35-114)
PHL	=	Phenol-D5	(10-110)
TBP	=	2,4,6-Tribromophenol	(10-123)
TPH	=	p-Terphenyl-d14	(33-141)

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

EPA OLM04.2 - SEMIVOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7B0339202

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: SBLK48

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC	#	QC LIMITS REC.
Phenol	75.0	49.0	65		12 - 110
2-Chlorophenol	75.0	55.8	74		27 - 123
N-Nitroso-Di-n-propyl(1)	50.0	39.2	78		41 - 116
4-Chloro-3-methylphenol	75.0	58.5	78		23 - 97
Acenaphthene	50.0	40.2	80		46 - 118
4-Nitrophenol	75.0	68.7	92	*	10 - 80
2,4-Dinitrotoluene	50.0	42.0	84		24 - 96
Pentachlorophenol	75.0	75.7	101		9 - 103
Pyrene	50.0	43.1	86		26 - 127

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

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

* Values outside of QC limits

Spike recovery: 1 out of 9 outside limits

Comments: _____

EPA OLM04.2 - SEMIVOLATILES
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7221901

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix Spike - Client Sample No.: MW15R-3/07

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
Phenol	70.7	0	33.5	47	12 - 110
2-Chlorophenol	70.7	0	38.4	54	27 - 123
N-Nitroso-Di-n-propyl(1)	47.1	0	27.4	58	41 - 116
4-Chloro-3-methylphenol	70.7	0	43.2	61	23 - 97
Acenaphthene	47.1	0	29.2	62	46 - 118
4-Nitrophenol	70.7	0	46.1	65	10 - 80
2,4-Dinitrotoluene	47.1	0	28.4	60	24 - 96
Pentachlorophenol	70.7	0	56.0	79	9 - 103
Pyrene	47.1	0	27.9	59	26 - 127

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	70.7	44.9	63	29	42	12 - 110
2-Chlorophenol	70.7	51.2	72	28	40	27 - 123
N-Nitroso-Di-n-propyl(1)	47.1	35.4	75	26	38	41 - 116
4-Chloro-3-methylphenol	70.7	55.2	78	24	42	23 - 97
Acenaphthene	47.1	37.1	79	24	31	46 - 118
4-Nitrophenol	70.7	59.2	84 *	26	50	10 - 80
2,4-Dinitrotoluene	47.1	36.3	77	25	38	24 - 96
Pentachlorophenol	70.7	70.5	100	23	50	9 - 103
Pyrene	47.1	31.4	67	13	31	26 - 127

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

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

* Values outside of QC limits

RPD: 0 out of 9 outside limits
Spike recovery: 1 out of 18 outside limits

Comments: _____

EPA OLM04.2 - SEMIVOLATILES
METHOD BLANK SUMMARY

Client No.: SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: V19719.RR Lab Sample ID: A7B0339202

Instrument ID: HP5973V Date Extracted: 03/13/2007

Matrix: (soil/water) WATER Date Analyzed: 03/15/2007

Level: (low/med) LOW Time Analyzed: 09:26

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	Matrix Spike Blank	A7B0339201	V19718.RR	03/15/2007
2	MW15R-3/07	A7221901	V19720.RR	03/15/2007
3	MW15R-3/07	A7221901MS	V19721.RR	03/15/2007
4	MW15R-3/07	A7221901SD	V19722.RR	03/15/2007
5	MW16R-3/07	A7221902	V19723.RR	03/15/2007
6	MW17-3/07	A7221903	V19724.RR	03/15/2007

Comments: _____

STANTEC CONSULTING SERVICES
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A7T0002942

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: V19590 DFTPP Injection Date: 03/07/2007

Instrument ID: HP5973V DFTPP Injection Time: 12:47

m/e	ION Abundance Criteria	% Relative Abundance		
51	10.0 - 80.0% of mass 198	40.1		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Mass 69 relative abundance	45.8		
70	Less than 2.0% of mass 69	0.0	(0.0)	1
127	10.0 - 80.0% of mass 198	49.8		
197	Less than 2.0% of mass 198	0.0		
198	Base peak, 100% relative abuncance	100.0		
199	5.0 - 9.0% of mass 198	7.3		
275	10.0 - 60.0% of mass 198	25.7		
365	Greater than 1.0% of mass 198	2.9		
441	Present, but less than mass 443	12.9		
442	50.0 - 100.0% of mass 198	88.6		
443	15.0 - 24.0% of mass 442	16.9	(19.1)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD020	A7I0000189-1	V19591.RR	03/07/2007	13:03
2	SSTD050	A7I0000189-1	V19592.RR	03/07/2007	13:29
3	SSTD080	A7I0000189-1	V19593.RR	03/07/2007	13:55
4	SSTD120	A7I0000189-1	V19594.RR	03/07/2007	14:21
5	SSTD160	A7I0000189-1	V19595.RR	03/07/2007	14:47

STANTEC CONSULTING SERVICES
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A7T0003006

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID: V19716 DFTPP Injection Date: 03/15/2007

Instrument ID: HP5973V DFTPP Injection Time: 08:19

m/e	ION Abundance Criteria	% Relative Abundance		
51	10.0 - 80.0% of mass 198	36.2		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Mass 69 relative abundance	40.7		
70	Less than 2.0% of mass 69	0.0	(0.0)	1
127	10.0 - 80.0% of mass 198	49.2		
197	Less than 2.0% of mass 198	0.0		
198	Base peak, 100% relative abuncance	100.0		
199	5.0 - 9.0% of mass 198	6.8		
275	10.0 - 60.0% of mass 198	22.4		
365	Greater than 1.0% of mass 198	2.8		
441	Present, but less than mass 443	12.1		
442	50.0 - 100.0% of mass 198	85.9		
443	15.0 - 24.0% of mass 442	16.6	(19.3)	2

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

This Tune Applies to the Following Samples, MS, MSD, Blanks, and Standards:

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A7C0000652-1	V19717.RR	03/15/2007	08:35
2	Matrix Spike Blank	A7B0339201	V19718.RR	03/15/2007	09:00
3	SBLK48	A7B0339202	V19719.RR	03/15/2007	09:26
4	MW15R-3/07	A7221901	V19720.RR	03/15/2007	09:52
5	MW15R-3/07	A7221901MS	V19721.RR	03/15/2007	10:18
6	MW15R-3/07	A7221901SD	V19722.RR	03/15/2007	10:44
7	MW16R-3/07	A7221902	V19723.RR	03/15/2007	11:14
8	MW17-3/07	A7221903	V19724.RR	03/15/2007	11:40

EPA OLM04.2 - SEMIVOLATILES
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0000652

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID (Standard): V19717.RR Date Analyzed: 03/15/2007

Instrument ID: HP5973V Time Analyzed: 08:35

			IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD		197366		10.69		296869		15.33		80681		6.12	
	UPPER LIMIT		394732		11.19		593738		15.83		161362		6.62	
	LOWER LIMIT		98683		10.19		148435		14.83		40341		5.62	
	CLIENT SAMPLE	Lab Sample ID												
1	Matrix Spike Blank	A7B0339201	198492		10.69		317989		15.33		80594		6.12	
2	MW15R-3/07	A7221901	206498		10.69		320819		15.33		84055		6.12	
3	MW15R-3/07	A7221901MS	204283		10.69		308284		15.33		81853		6.12	
4	MW15R-3/07	A7221901SD	198438		10.69		306507		15.33		81388		6.12	
5	MW16R-3/07	A7221902	193285		10.69		294354		15.33		81352		6.12	
6	MW17-3/07	A7221903	199929		10.69		307458		15.33		83917		6.12	
7	SBLK48	A7B0339202	211322		10.69		336324		15.33		86314		6.12	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (ANT) = Acenaphthene-D10	(50-200)	-0.50 / +0.50 min
IS2 (CRY) = Chrysene-D12	(50-200)	-0.50 / +0.50 min
IS3 (DCB) = 1,4-Dichlorobenzene-D4	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

EPA OLM04.2 - SEMIVOLATILES
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A7C0000652

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Lab File ID (Standard): V19717.RR Date Analyzed: 03/15/2007

Instrument ID: HP5973V Time Analyzed: 08:35

			IS4 (NPT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD		316639		8.06		348790		12.71		266616		16.60	
	UPPER LIMIT		633278		8.56		697580		13.21		533232		17.10	
	LOWER LIMIT		158320		7.56		174395		12.21		133308		16.10	
	CLIENT SAMPLE	Lab Sample ID												
1	Matrix Spike Blank	A7B0339201	328725		8.06		353543		12.71		275091		16.60	
2	MW15R-3/07	A7221901	335928		8.06		354027		12.71		351664		16.60	
3	MW15R-3/07	A7221901MS	332940		8.06		346402		12.71		325705		16.60	
4	MW15R-3/07	A7221901SD	325836		8.06		344195		12.71		339511		16.60	
5	MW16R-3/07	A7221902	319375		8.06		324608		12.71		342870		16.60	
6	MW17-3/07	A7221903	330576		8.06		335483		12.71		366909		16.60	
7	SBLK48	A7B0339202	340611		8.06		367334		12.71		289996		16.60	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS4 (NPT) = Naphthalene-D8	(50-200)	-0.50 / +0.50 min
IS5 (PHN) = Phenanthrene-D10	(50-200)	-0.50 / +0.50 min
IS6 (PRY) = Perylene-D12	(50-200)	-0.50 / +0.50 min

\# Column to be used to flag recovery values
* Values outside of contract required QC limits

Sample Data

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	2	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	U
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

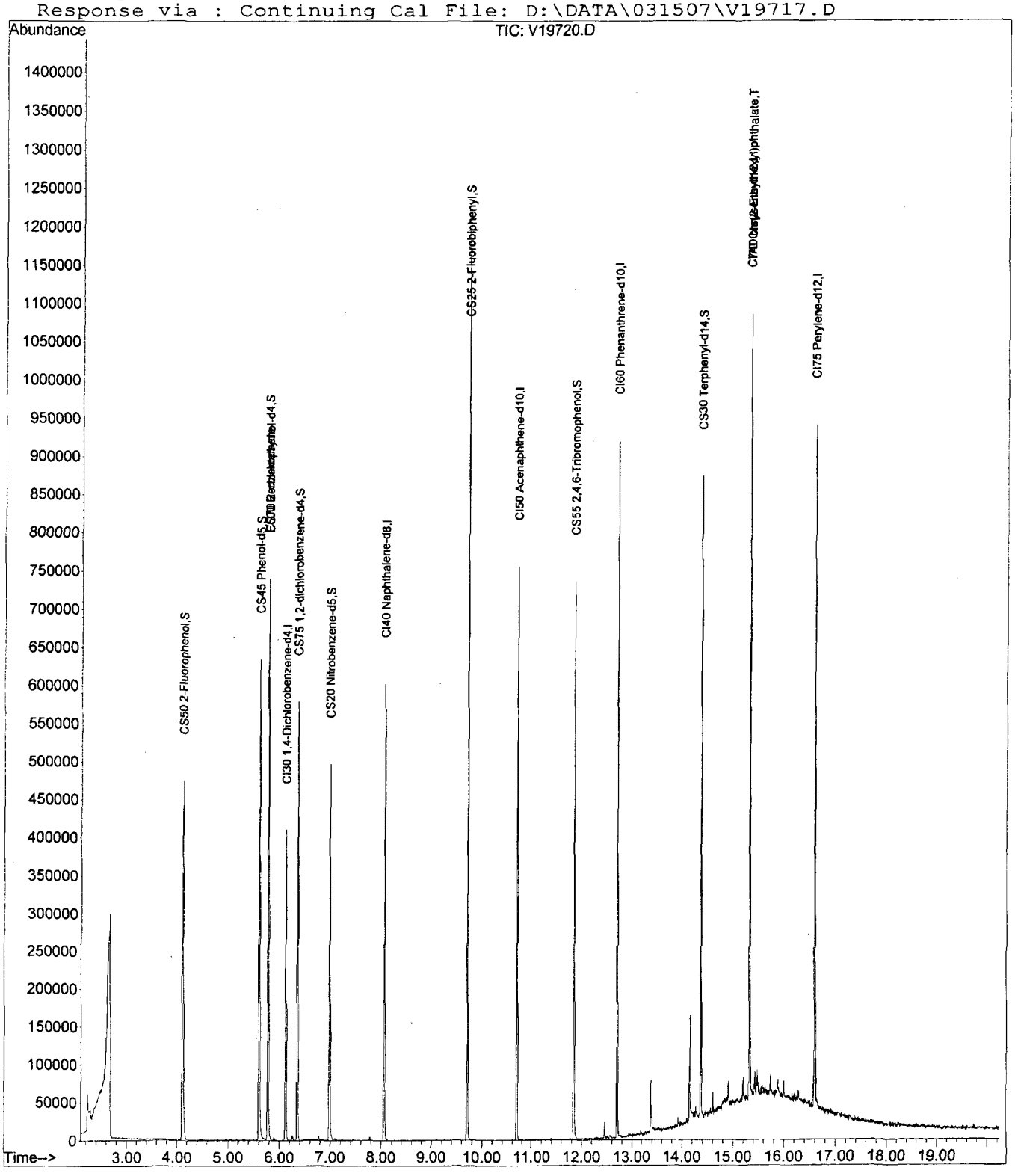
Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 57-11-4	OCTADECANOIC ACID	14.15	3	JN

Data File : D:\DATA\031507\V19720.D
Acq On : 15 Mar 2007 9:52
Sample : A7221901 AW70003684
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47 2007

Vial: 4
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Continuing Cal File: D:\DATA\031507\V19717.D



Quantitation Report

Data File : D:\DATA\031507\V19720.D
Acq On : 15 Mar 2007 9:52
Sample : A7221901 AW70003684
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:33 2007

Vial: 4
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP
IS QA File : D:\DATA\031507\V19717.D (15 Mar 2007 8:35)

SSMW 3/15/07

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	84055	40.00	ng	0.00 104.18%
22) CI40 Naphthalene-d8	8.06	136	335928	40.00	ng	0.00 106.09%
38) CI50 Acenaphthene-d10	10.69	164	206498	40.00	ng	0.00 104.63%
60) CI60 Phenanthrene-d10	12.71	188	354027	40.00	ng	0.00 101.50%
73) CI70 Chrysene-d12	15.33	240	320819	40.00	ng	0.00 108.07%
82) CI75 Perylene-d12	16.60	264	351664	40.00	ng	0.00 131.90%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.10	112	245127	77.01	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 51.34%			
6) CS45 Phenol-d5	5.60	99	332478	83.79	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 55.86%			
7) CS70 2-chlorophenol-d4	5.77	132	274038	86.06	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 57.37%			
13) CS75 1,2-dichlorobenzene-d	6.35	152	111430	54.89	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 54.89%			
23) CS20 Nitrobenzene-d5	6.98	82	215433	57.57	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 57.57%			
42) CS25 2-Fluorobiphenyl	9.71	172	440397	61.78	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 61.78%			
63) CS55 2,4,6-Tribromophenol	11.85	330	96272	99.91	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 66.61%			
76) CS30 Terphenyl-d14	14.37	244	218165	27.65	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 27.65%#			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
4) E600 Benzaldehyde	5.77	77	7216	5.96	ng #	67
5) C325 bis(2-Chloroethyl)eth	5.77	93	175	N.D.		
8) C315 Phenol	5.77	94	178	N.D.		
9) C330 2-Chlorophenol	0.00	128	0	N.D.		
10) C320 aniline	0.00	93	0	N.D.		
11) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
14) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
15) C345 Benzyl alcohol	6.35	108	532	N.D.		
16) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.		
17) C355 2-Methylphenol	0.00	108	0	N.D.		
18) E145 Acetophenone	0.00	105	0	N.D.		
19) C375 Hexachloroethane	0.00	117	0	N.D.		
20) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.		
21) C365 4-Methylphenol	0.00	108	0	N.D.		
24) C410 Nitrobenzene	6.98	77	208	N.D.		
25) C415 Isophorone	0.00	82	0	N.D.		

(#) = qualifier out of range (m) = manual integration

3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19720.D
Acq On : 15 Mar 2007 9:52
Sample : A7221901 AW70003684
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:33 2007

Vial: 4
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
26)	C430 benzoic acid	0.00	122	0	N.D.	
27)	C420 2-Nitrophenol	0.00	139	0	N.D.	
28)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.	
29)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.	
30)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.	
31)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.	
32)	C450 Naphthalene	0.00	128	0	N.D.	
33)	C455 4-Chloroaniline	0.00	127	0	N.D.	
34)	C460 Hexachlorobutadiene	0.00	225	0	N.D.	
35)	E655 Caprolactam	0.00	113	0	N.D.	
36)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.	
37)	C470 2-Methylnaphthalene	0.00	142	0	N.D.	
39)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.	
40)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
41)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.	
43)	C525 2-Chloronaphthalene	0.00	162	0	N.D.	
44)	C811 1,1'-Biphenyl	9.86	154	350	N.D.	
45)	C530 2-Nitroaniline	0.00	65	0	N.D.	
46)	C540 Acenaphthylene	0.00	152	0	N.D.	
47)	C535 Dimethylphthalate	10.35	163	202	N.D.	
48)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.	
49)	C550 Acenaphthene	0.00	153	0	N.D.	
50)	C545 3-Nitroaniline	0.00	138	0	N.D.	
51)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
52)	C565 Dibenzofuran	0.00	168	0	N.D.	
53)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.	
54)	C560 4-Nitrophenol	10.69	109	163	N.D.	
55)	C590 Fluorene	0.00	166	0	N.D.	
56)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.	
57)	C580 Diethylphthalate	0.00	149	0	N.D.	
58)	C620 1,2 diphenylhydrazine	11.84	77	811	N.D.	
59)	C595 4-Nitroaniline	0.00	138	0	N.D.	
61)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.	
62)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.	
64)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.	
65)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
66)	E510 Atrazine	0.00	200	0	N.D.	
67)	C635 Pentachlorophenol	0.00	266	0	N.D.	
68)	C640 Phenanthrene	12.80	178	164	N.D.	
69)	C645 Anthracene	12.80	178	164	N.D.	
70)	C647 carbazole	13.00	167	197	N.D.	
71)	C650 Di-n-butylphthalate	13.39	149	1803	N.D.	
72)	C655 Fluoranthene	0.00	202	0	N.D.	
74)	C715 Pyrene	14.37	202	829	N.D.	
75)	C710 benzidine	0.00	184	0	N.D.	
77)	C720 Butylbenzylphthalate	14.82	149	1590	N.D.	
78)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.	
79)	C730 Benzo[a]anthracene	15.32	228	1029	N.D.	
~~80)~~	C735 Chrysene	15.32	228	1210	N.D.	
(81)	C740 bis(2-Ethylhexyl)phth	15.32	149	36432	5.24 ng	92
83)	C760 Di-n-octylphthalate	15.67	149	2864	N.D.	
84)	C765 Benzo[b]fluoranthene	16.55	252	164	N.D.	

(#) = qualifier out of range (m) = manual integration

3/19/07

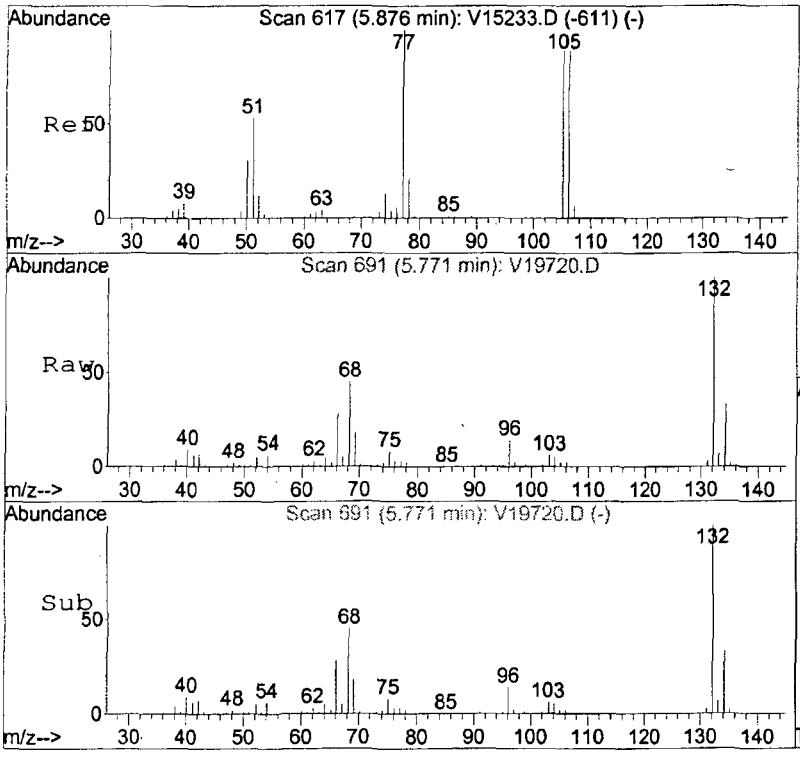
Quantitation Report

Data File : D:\DATA\031507\V19720.D
Acq On : 15 Mar 2007 9:52
Sample : A7221901 AW70003684
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:33 2007

Vial: 4
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

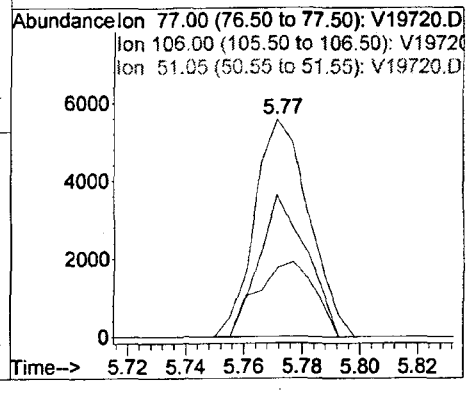
Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

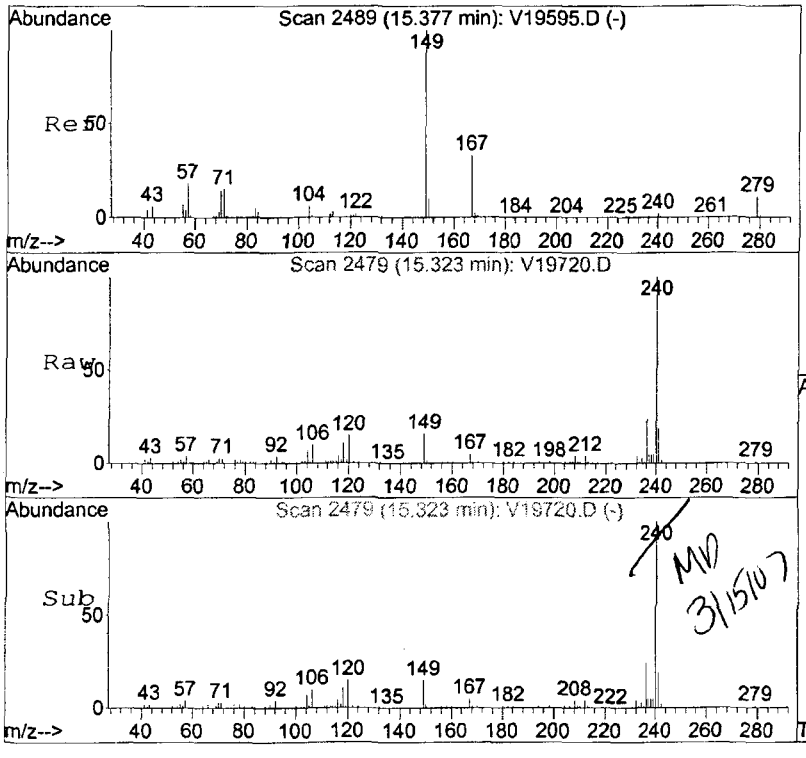
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
85) C770 Benzo[k]fluoranthene	0.00	252	0	N.D.	
86) C775 Benzo[a]pyrene	16.55	252	164	N.D.	
87) C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.	
88) C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.	
89) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.	



#4
E600 Benzaldehyde
Concen: 5.96 ng
RT: 5.77 min Scan# 691
Delta R.T. 0.32 min
Lab File: V19720.D
Acq: 15 Mar 2007 9:52

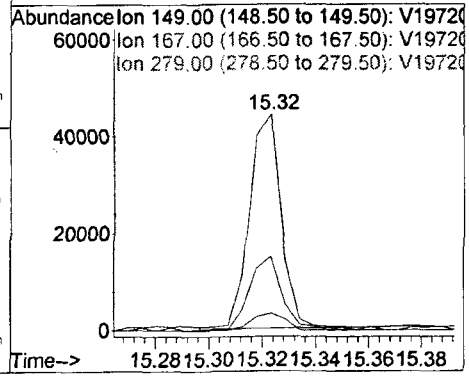
Tgt Ion: 77	Resp:	7216	
Ion	Ratio	Lower	Upper
77	100		
106	57.1	76.2	114.4#
51	36.6	40.2	60.4#





#81
C740 bis(2-Ethylhexyl)phthalate
Concen: 5.24 ng
RT: 15.32 min Scan# 2479
Delta R.T. 0.00 min
Lab File: V19720.D
Acq: 15 Mar 2007 9:52

Tgt Ion:149	Resp:	36432	
Ion	Ratio	Lower	Upper
149	100		
167	34.5	9.8	49.8
279	7.8	0.0	26.1



MD 3/15/07

Library Search Compound Report

Data File : D:\DATA\031507\V19720.D
Acq On : 15 Mar 2007 9:52
Sample : A7221901 AW70003684
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: MD
Inst : HP5973V
Multiplr: 1.00

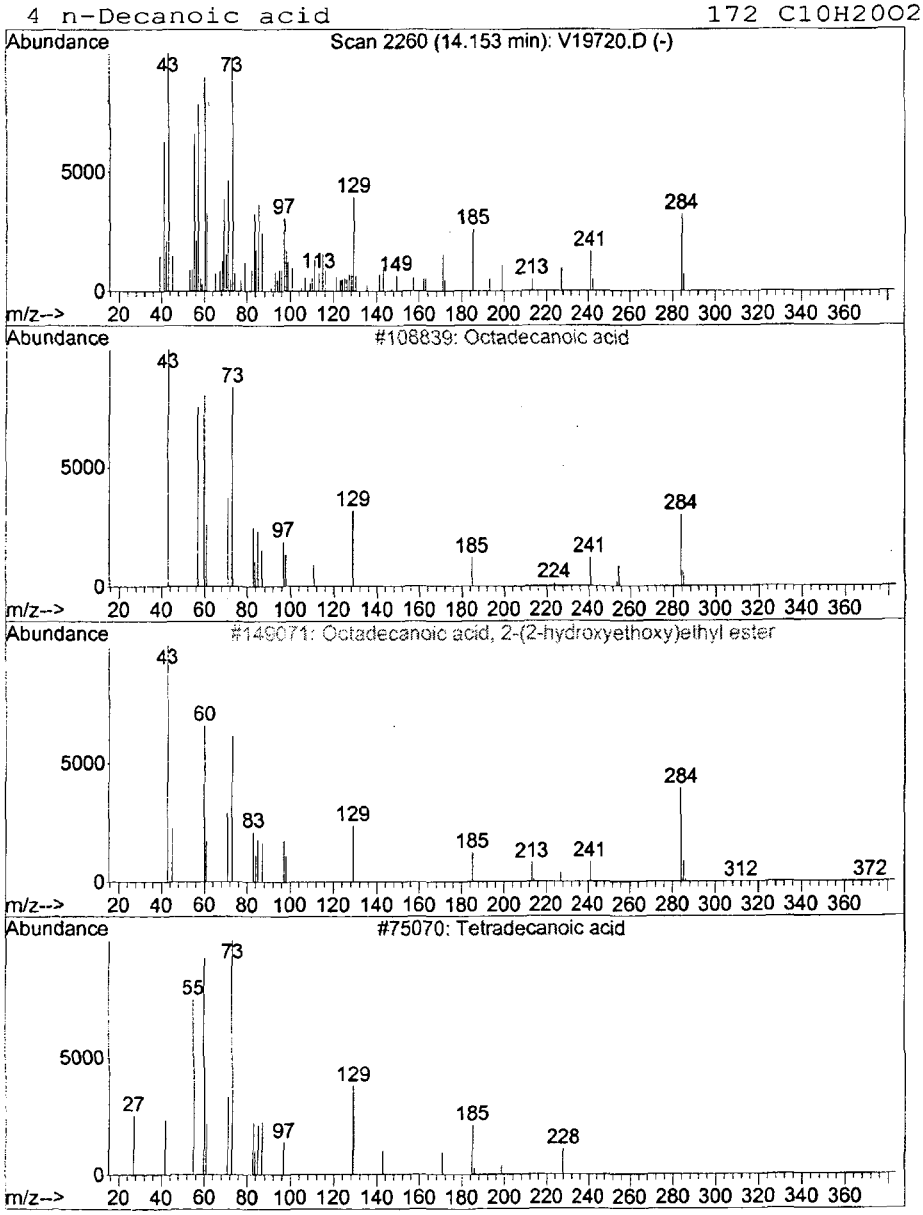
Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Library : C:\DATABASE\NIST02.L

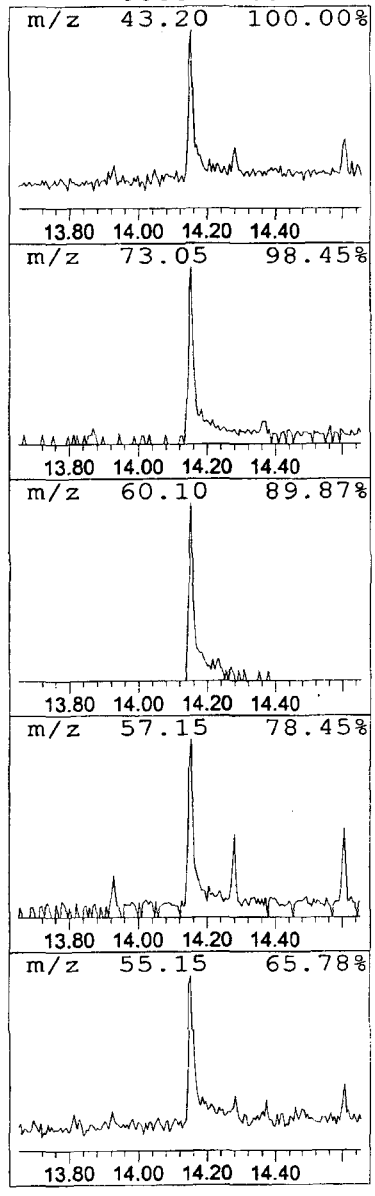
****

Peak Number 1 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.15	6.59 ng	162923	CI70 Chrysene-d12	989144	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Tentatively Identified Compound (LSC) summary

Operator ID: MD Date Acquired: 15 Mar 2007 9:52
Data File: D:\DATA\031507\V19720.D
Name: A7221901 AW70003684
Misc:
Method: C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title: CLP BNA Calibration
Library Searched: C:\DATABASE\NIST02.L

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octadecanoic acid	14.15	6.6	ng	162923	5	15.33	989144	40.0

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	1	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	U
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 57-10-3	N-HEXADECANOIC ACID	13.37	2	JN
2.	UNKNOWN ACID	14.15	3	J

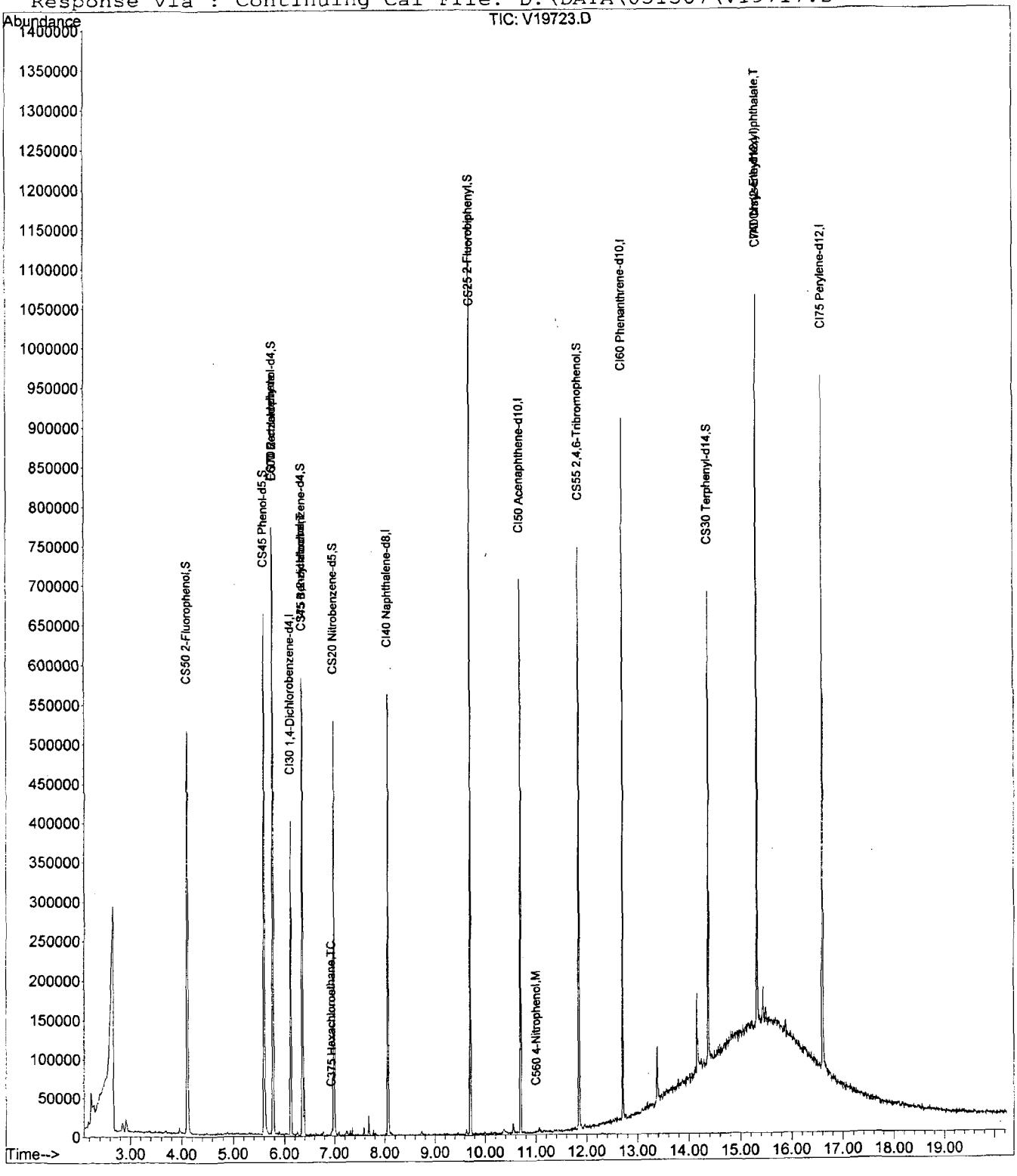
Quantitation Report (Not Reviewed)

Data File : D:\DATA\031507\V19723.D
Acq On : 15 Mar 2007 11:14
Sample : A7221902 AW70003687
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34 2007

Vial: 7
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Continuing Cal File: D:\DATA\031507\V19717.D



Quantitation Report

Data File : D:\DATA\031507\V19723.D
Acq On : 15 Mar 2007 11:14
Sample : A7221902 AW70003687
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34:21 2007

Vial: 7
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP
IS QA File : D:\DATA\031507\V19717.D (15 Mar 2007 8:35)

SSMD 3/15/07

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	81352	40.00	ng	0.00 100.83%
22) CI40 Naphthalene-d8	8.06	136	319375	40.00	ng	0.00 100.86%
38) CI50 Acenaphthene-d10	10.69	164	193285	40.00	ng	0.00 97.93%
60) CI60 Phenanthrene-d10	12.71	188	324608	40.00	ng	0.00 93.07%
73) CI70 Chrysene-d12	15.33	240	294354	40.00	ng	0.00 99.15%
82) CI75 Perylene-d12	16.60	264	342870	40.00	ng	0.00 128.60%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.10	112	250032	81.16	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 54.11%			
6) CS45 Phenol-d5	5.60	99	324835	84.58	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 56.39%			
7) CS70 2-chlorophenol-d4	5.77	132	280708	91.08	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 60.72%			
13) CS75 1,2-dichlorobenzene-d	6.35	152	113293	57.66	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 57.66%			
23) CS20 Nitrobenzene-d5	6.98	82	221372	62.23	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 62.23%			
42) CS25 2-Fluorobiphenyl	9.71	172	436815	65.46	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 65.46%			
63) CS55 2,4,6-Tribromophenol	11.85	330	93882	106.26	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 70.84%			
76) CS30 Terphenyl-d14	14.37	244	159312	22.00	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 22.00%#			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
4) E600 Benzaldehyde	5.77	77	6712	5.73	ng #	70
5) C325 bis(2-Chloroethyl)eth	5.77	93	161	N.D.		
8) C315 Phenol	5.63	94	1188	N.D.		
9) C330 2-Chlorophenol	0.00	128	0	N.D.		
10) C320 aniline	0.00	93	0	N.D.		
11) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) C340 1,4-Dichlorobenzene	6.15	146	529	N.D.		
14) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
15) C345 Benzyl alcohol	6.35	108	912	0.51	ng #	1
16) C360 bis(2-chloroisopropyl	6.56	45	174	N.D.		
17) C355 2-Methylphenol	0.00	108	0	N.D.		
18) E145 Acetophenone	6.74	105	1963	N.D.		
19) C375 Hexachloroethane	6.93	117	2873	2.25	ng #	9
20) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.		
21) C365 4-Methylphenol	0.00	108	0	N.D.		
24) C410 Nitrobenzene	6.98	77	858	N.D.		
25) C415 Isophorone	0.00	82	0	N.D.		

(#) = qualifier out of range (m) = manual integration

3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19723.D
Acq On : 15 Mar 2007 11:14
Sample : A7221902 AW70003687
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34:21 2007

Vial: 7
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

MD 3/15/07

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C430 benzoic acid	0.00	122	0	N.D.			
27)	C420 2-Nitrophenol	0.00	139	0	N.D.			
28)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.			
29)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.			
30)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.			
31)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.			
32)	C450 Naphthalene	8.09	128	1415	N.D.			
33)	C455 4-Chloroaniline	0.00	127	0	N.D.			
34)	C460 Hexachlorobutadiene	0.00	225	0	N.D.			
35)	E655 Caprolactam	0.00	113	0	N.D.			
36)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.			
37)	C470 2-Methylnaphthalene	9.29	142	167	N.D.			
39)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.			
40)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.			
41)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.			
43)	C525 2-Chloronaphthalene	0.00	162	0	N.D.			
44)	C811 1,1'-Biphenyl	9.86	154	211	N.D.			
45)	C530 2-Nitroaniline	0.00	65	0	N.D.			
46)	C540 Acenaphthylene	0.00	152	0	N.D.			
47)	C535 Dimethylphthalate	10.34	163	667	N.D.			
48)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
49)	C550 Acenaphthene	0.00	153	0	N.D.			
50)	C545 3-Nitroaniline	0.00	138	0	N.D.			
51)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
52)	C565 Dibenzofuran	0.00	168	0	N.D.			
53)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
54)	C560 4-Nitrophenol	11.01	109	557	0.86	ng	#	1
55)	C590 Fluorene	0.00	166	0	N.D.			
56)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.			
57)	C580 Diethylphthalate	11.40	149	382	N.D.			
58)	C620 1,2 diphenylhydrazine	11.75	77	388	N.D.			
59)	C595 4-Nitroaniline	0.00	138	0	N.D.			
61)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.			
62)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.			
64)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.			
65)	C630 Hexachlorobenzene	0.00	284	0	N.D.			
66)	E510 Atrazine	0.00	200	0	N.D.			
67)	C635 Pentachlorophenol	0.00	266	0	N.D.			
68)	C640 Phenanthrene	12.73	178	668	N.D.			
69)	C645 Anthracene	12.73	178	668	N.D.			
70)	C647 carbazole	13.12	167	176	N.D.			
71)	C650 Di-n-butylphthalate	13.37	149	684	N.D.			
72)	C655 Fluoranthene	14.14	202	164	N.D.			
74)	C715 Pyrene	14.22	202	914	N.D.			
75)	C710 benzidine	14.14	184	179	N.D.			
77)	C720 Butylbenzylphthalate	14.82	149	1632	N.D.			
78)	C725 3,3'-Dichlorobenzidin	15.52	252	179	N.D.			
79)	C730 Benzo[a]anthracene	15.33	228	1538	N.D.			
80)	C735 Chrysene	15.33	228	1898	N.D.			
81)	C740 bis(2-Ethylhexyl)phth	15.32	149	17072	2.67	ng		98
83)	C760 Di-n-octylphthalate	15.88	149	1262	N.D.			
84)	C765 Benzo[b]fluoranthene	16.23	252	162	N.D.			

(#) = qualifier out of range (m) = manual integration

DMT 3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19723.D
Acq On : 15 Mar 2007 11:14
Sample : A7221902 AW70003687
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34:21 2007

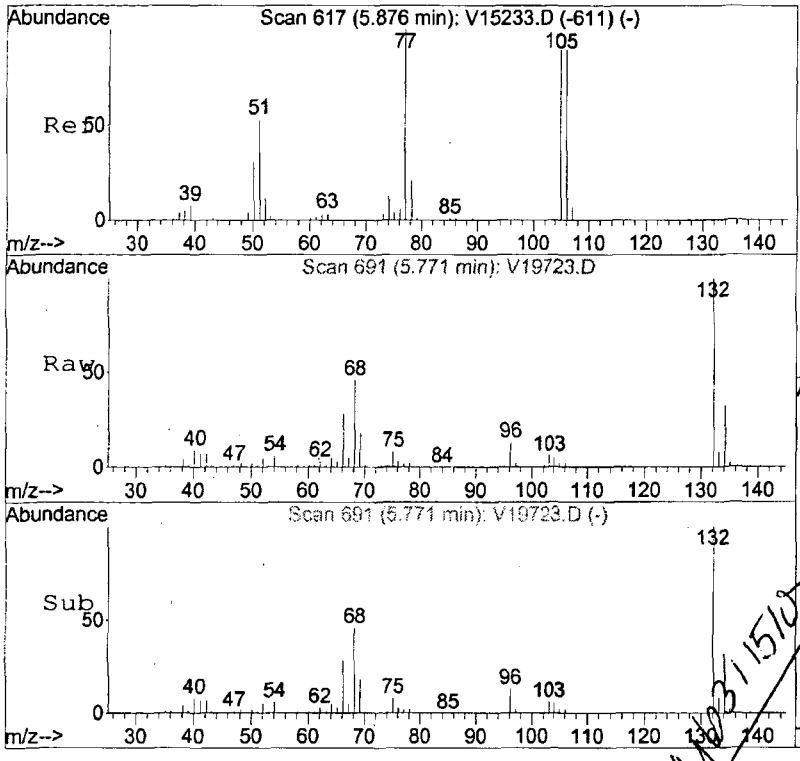
Vial: 7
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
85) C770 Benzo[k]fluoranthene	16.23	252	162	N.D.	
86) C775 Benzo[a]pyrene	16.60	252	1510	N.D.	
87) C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.	
88) C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.	
89) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration

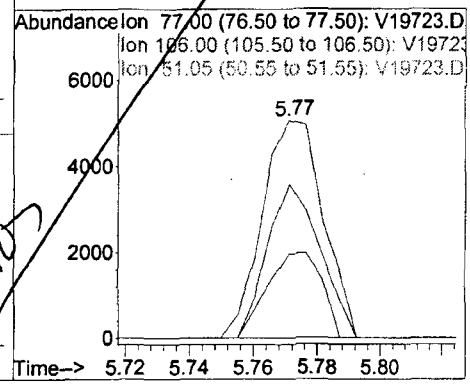
3/19/07

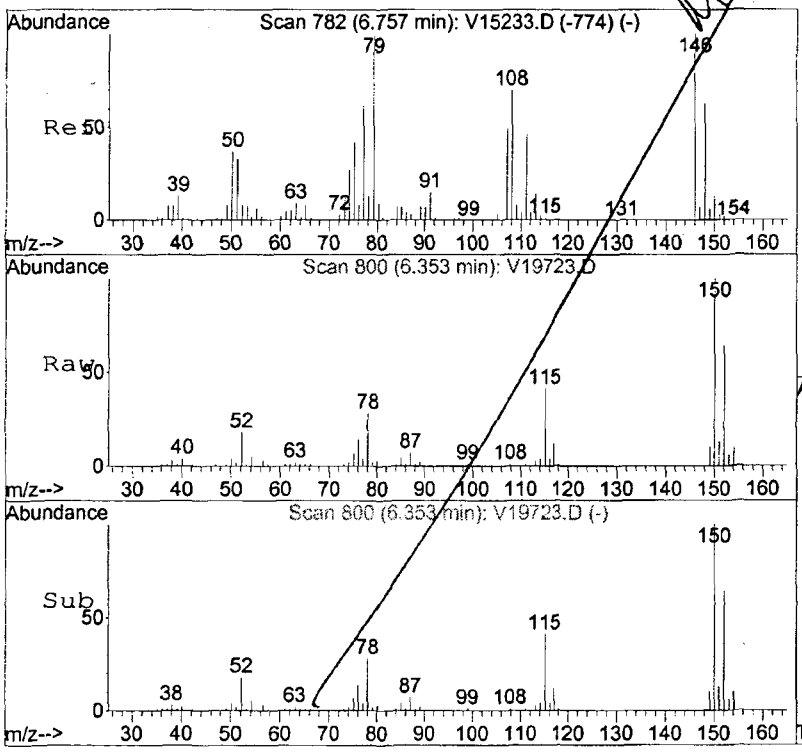


#4
E600 Benzaldehyde
Concen: 5.73 ng
RT: 5.77 min Scan# 691
Delta R.T. 0.32 min
Lab File: V19723.D
Acq: 15 Mar 2007 11:14

Tgt Ion: 77 Resp: 6712

Ion	Ratio	Lower	Upper
77	100		
106	61.5	76.2	114.4#
51	35.1	40.2	60.4#

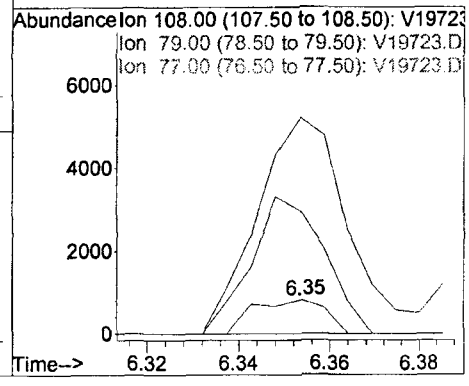


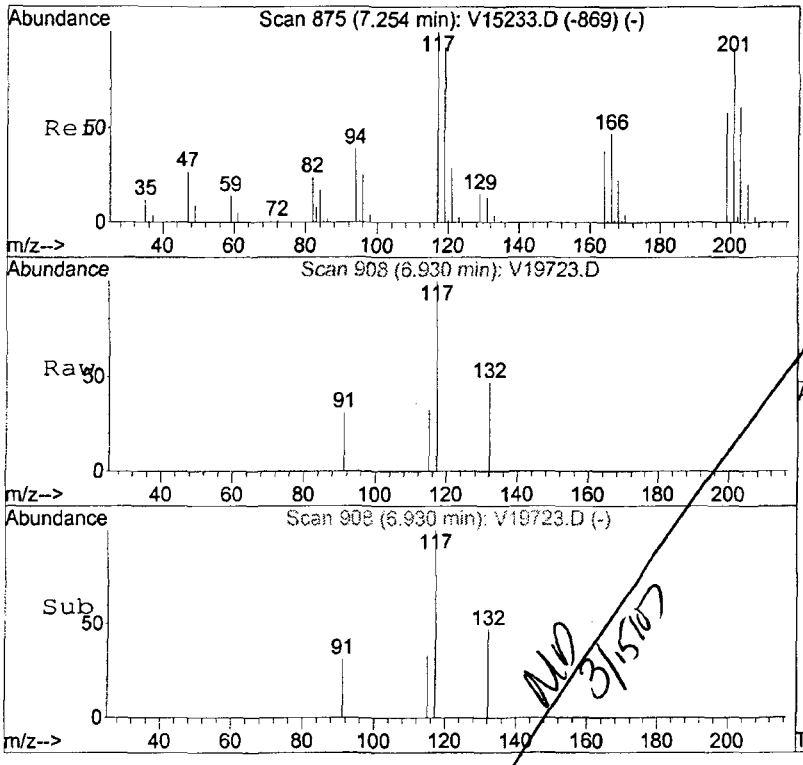


#15
C345 Benzyl alcohol
Concen: 0.51 ng
RT: 6.35 min Scan# 800
Delta R.T. -0.01 min
Lab File: V19723.D
Acq: 15 Mar 2007 11:14

Tgt Ion:108 Resp: 912

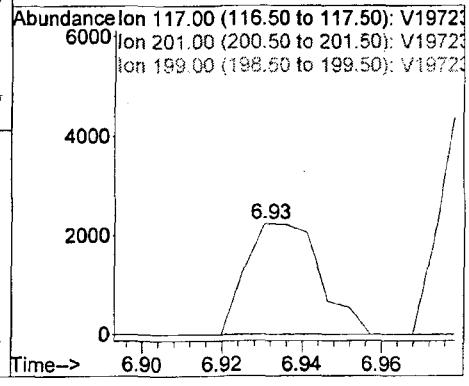
Ion	Ratio	Lower	Upper
108	100		
79	363.0	93.8	133.8#
77	634.5	51.3	91.3#

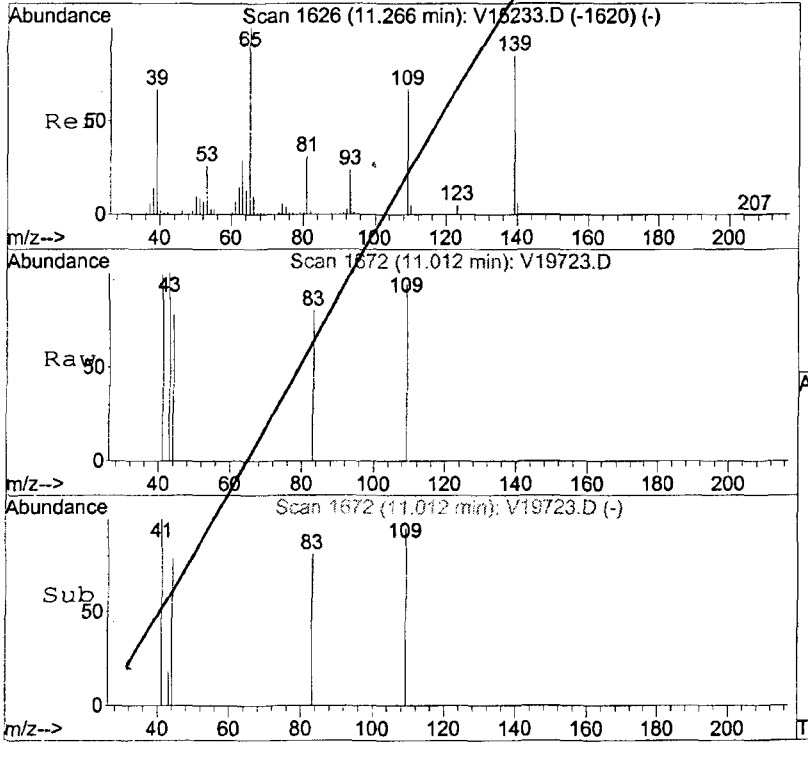




#19
C375 Hexachloroethane
Concen: 2.25 ng
RT: 6.93 min Scan# 908
Delta R.T. 0.05 min
Lab File: V19723.D
Acq: 15 Mar 2007 11:14

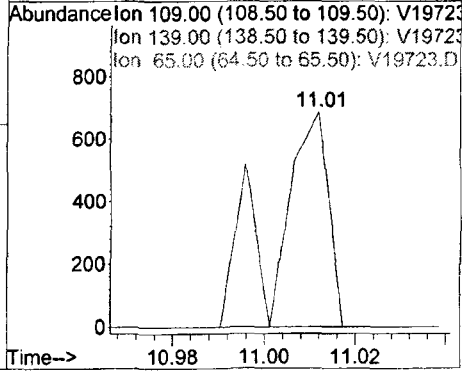
Tgt Ion:117	Resp:	2873	
Ion	Ratio	Lower	Upper
117	100		
201	0.0	76.5	116.5#
199	0.0	38.0	78.0#

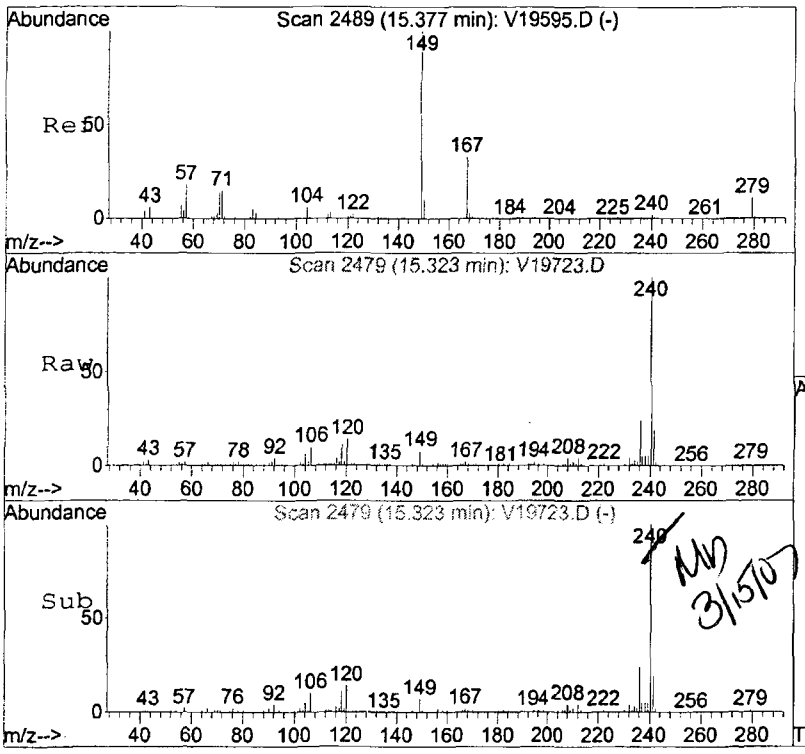




#54
C560 4-Nitrophenol
Concen: 0.86 ng
RT: 11.01 min Scan# 1672
Delta R.T. 0.03 min
Lab File: V19723.D
Acq: 15 Mar 2007 11:14

Tgt Ion:109	Resp:	557	
Ion	Ratio	Lower	Upper
109	100		
139	0.0	103.1	143.1#
65	0.0	72.6	112.6#

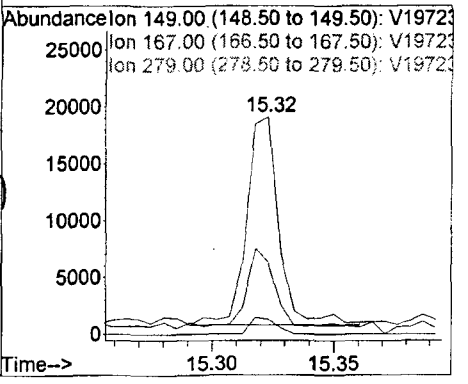




#81
C740 bis(2-Ethylhexyl)phthalate
Concen: 2.67 ng
RT: 15.32 min Scan# 2479
Delta R.T. 0.00 min
Lab File: V19723.D
Acq: 15 Mar 2007 11:14

Tgt Ion:149 Resp: 17072

Ion	Ratio	Lower	Upper
149	100		
167	30.7	9.8	49.8
279	7.1	0.0	26.1



Library Search Compound Report

Data File : D:\DATA\031507\V19723.D
Acq On : 15 Mar 2007 11:14
Sample : A7221902 AW70003687
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: MD
Inst : HP5973V
Multiplr: 1.00

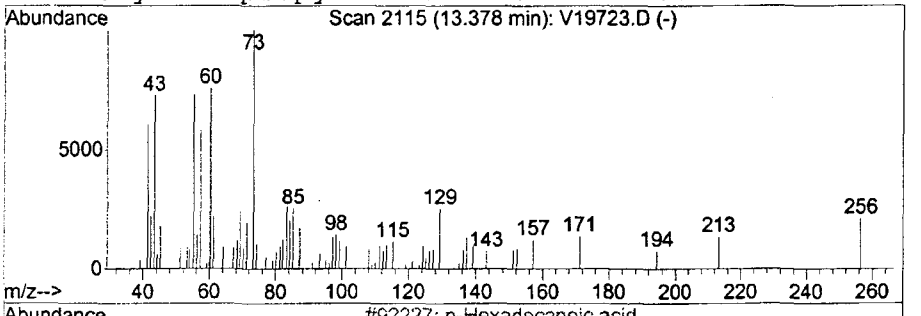
Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Library : C:\DATABASE\NIST02.L

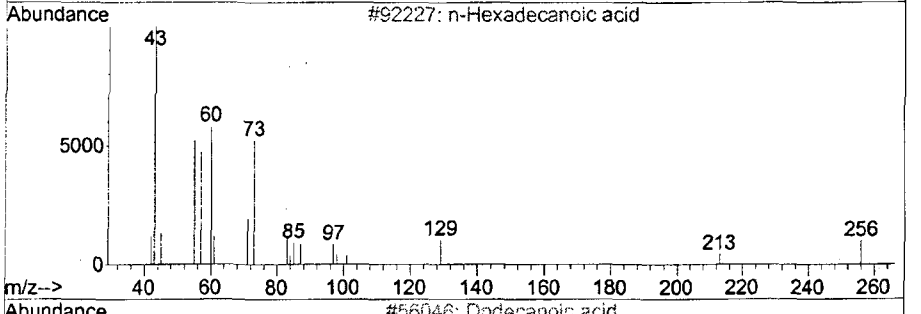
****

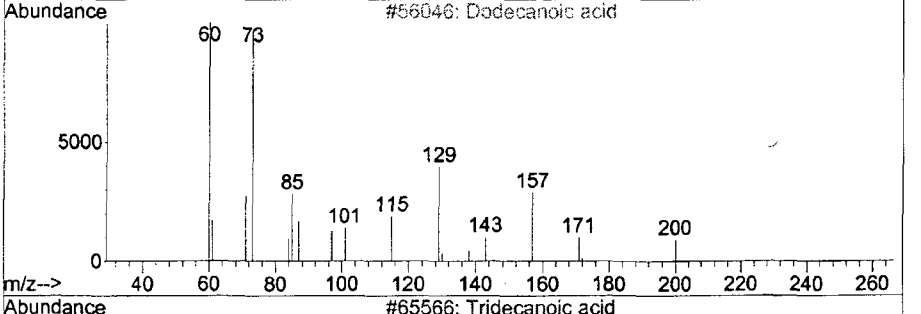
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

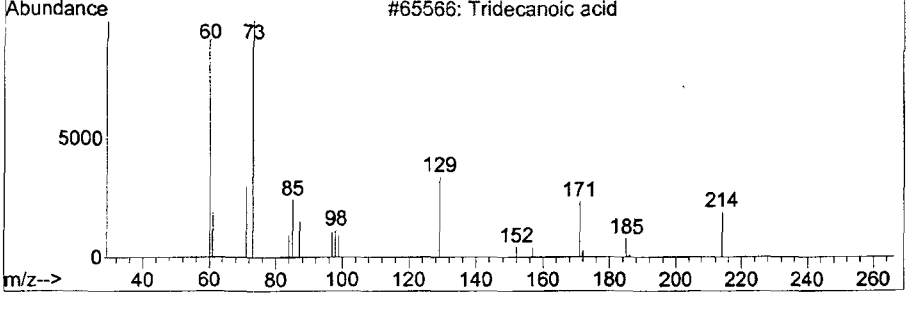
R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
13.38	5.13 ng	101063	CI60 Phenanthrene	787764	12.71

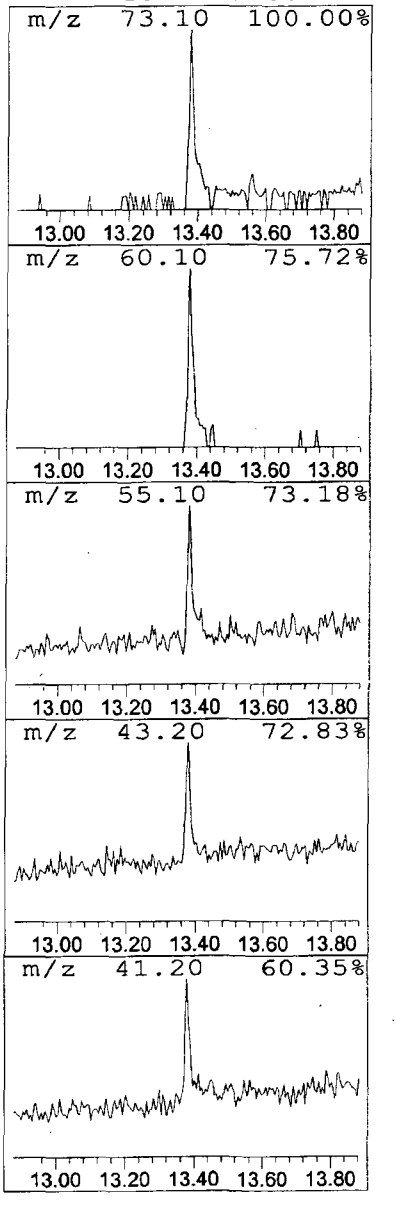
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2	Dodecanoic acid	200	C12H24O2	000143-07-7	50
3	Tridecanoic acid	214	C13H26O2	000638-53-9	50
4	Methyl isopropylidene-.beta.-d-a...	204	C9H16O5	1000129-88-1	47











Data File : D:\DATA\031507\V19723.D
Acq On : 15 Mar 2007 11:14
Sample : A7221902 AW70003687
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: MD
Inst : HP5973V
Multiplr: 1.00

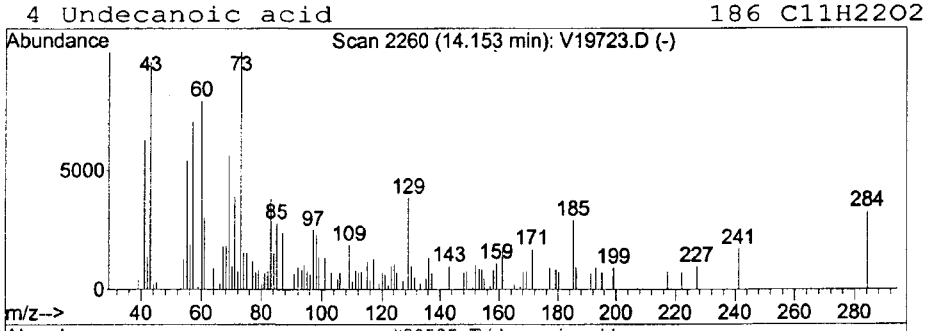
Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Library : C:\DATABASE\NIST02.L

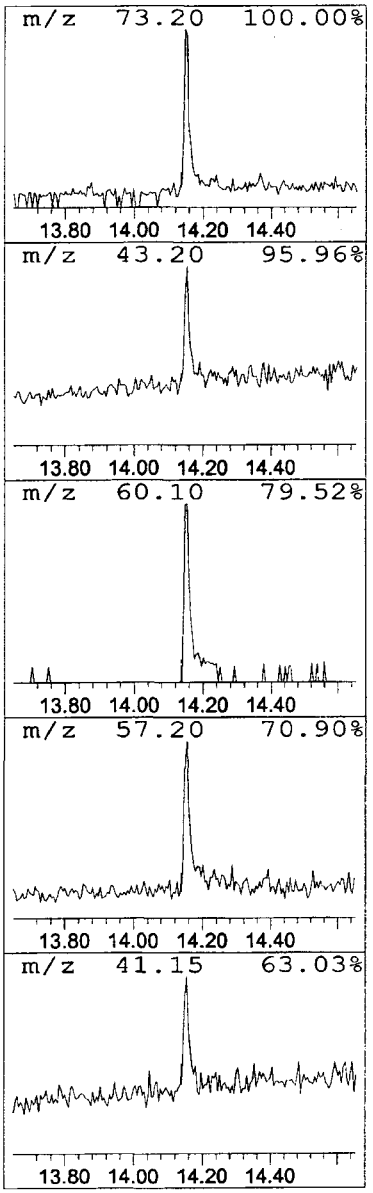
****

Peak Number 2 Tridecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.15	6.74 ng	140128	CI70 Chrysene-d12	831037	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	59
2	Dodecanoic acid	200	C12H24O2	000143-07-7	53
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Undecanoic acid	186	C11H22O2	000112-37-8	47





Tentatively Identified Compound (LSC) summary

Operator ID: MD Date Acquired: 15 Mar 2007 11:14
Data File: D:\DATA\031507\V19723.D
Name: A7221902 AW70003687
Misc:
Method: C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title: CLP BNA Calibration
Library Searched: C:\DATABASE\NIST02.L

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	13.38	5.1	ng	101063	4	12.71	787764	40.0
Tridecanoic acid	14.15	6.7	ng	140128	5	15.33	831037	40.0

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	2	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	U
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

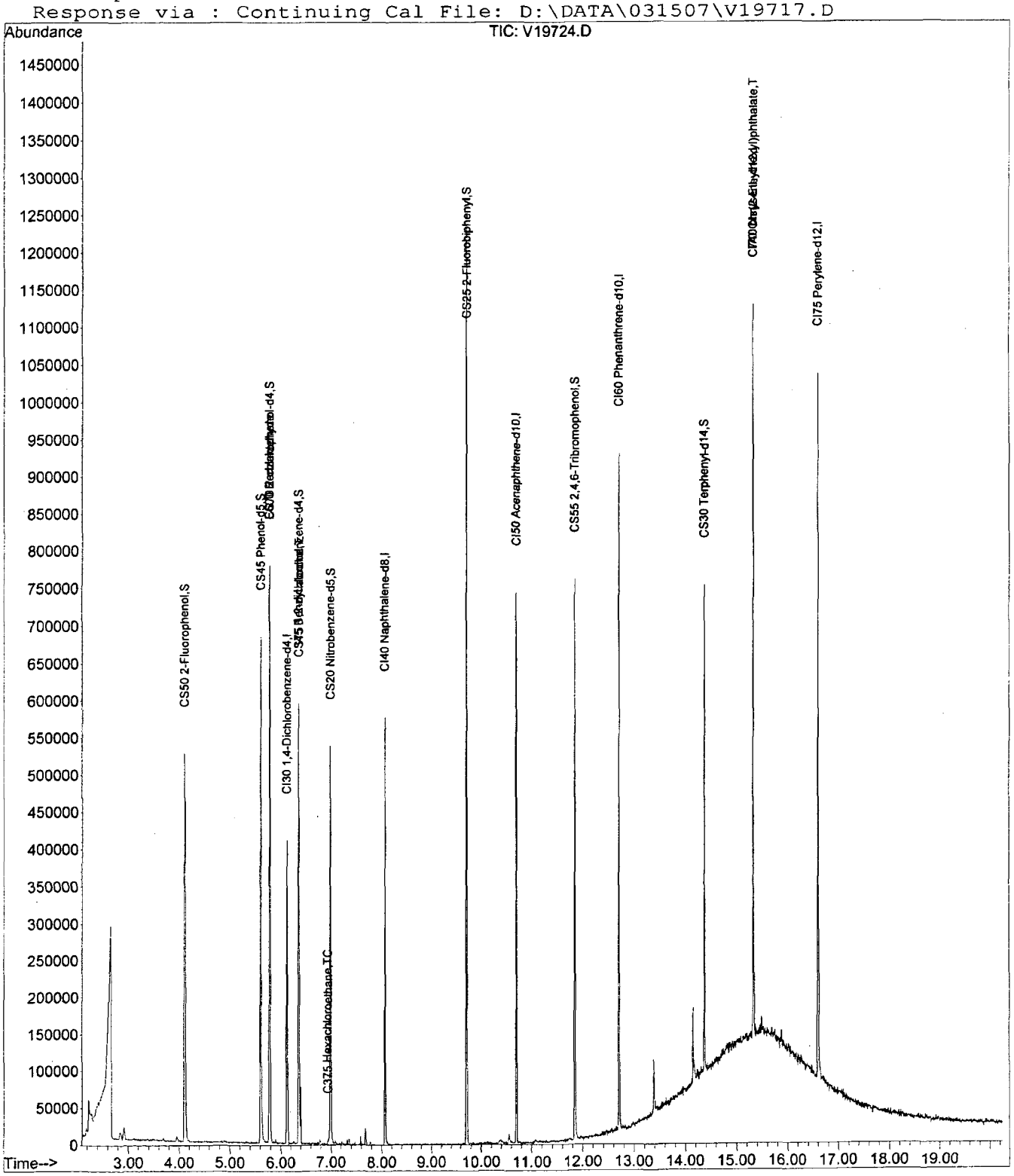
Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 57-11-4	OCTADECANOIC ACID	14.15	2	JN

Data File : D:\DATA\031507\V19724.D
Acq On : 15 Mar 2007 11:40
Sample : A7221903 AW70003688
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34 2007

Vial: 8
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Continuing Cal File: D:\DATA\031507\V19717.D



Quantitation Report

Data File : D:\DATA\031507\V19724.D
Acq On : 15 Mar 2007 11:40
Sample : A7221903 AW70003688
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34:23 2007

Vial: 8
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP
IS QA File : D:\DATA\031507\V19717.D (15 Mar 2007 8:35)

55 MP 3/15/07

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	83917	40.00	ng	0.00 104.01%
22) CI40 Naphthalene-d8	8.06	136	330576	40.00	ng	0.00 104.40%
38) CI50 Acenaphthene-d10	10.69	164	199929	40.00	ng	0.00 101.30%
60) CI60 Phenanthrene-d10	12.71	188	335483	40.00	ng	0.00 96.18%
73) CI70 Chrysene-d12	15.33	240	307458	40.00	ng	0.00 103.57%
82) CI75 Perylene-d12	16.60	264	366909	40.00	ng	0.00 137.62%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.10	112	256855	80.82	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 53.88%			
6) CS45 Phenol-d5	5.60	99	337417	85.17	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 56.78%			
7) CS70 2-chlorophenol-d4	5.77	132	282848	88.97	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 59.31%			
13) CS75 1,2-dichlorobenzene-d	6.35	152	116935	57.69	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 57.69%			
23) CS20 Nitrobenzene-d5	6.98	82	228791	62.13	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 62.13%			
42) CS25 2-Fluorobiphenyl	9.71	172	450833	65.32	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 65.32%			
63) CS55 2,4,6-Tribromophenol	11.85	330	97164	106.41	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 70.94%			
76) CS30 Terphenyl-d14	14.37	244	168525	22.28	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 22.28%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
~~4) E600 Benzaldehyde~~	~~5.77~~	~~77~~	~~7061~~	~~5.84~~	~~ng~~	~~# 65~~
5) C325 bis(2-Chloroethyl)eth	0.00	93	0	N.D.		
8) C315 Phenol	5.62	94	1206	N.D.		
9) C330 2-Chlorophenol	0.00	128	0	N.D.		
10) C320 aniline	0.00	93	0	N.D.		
11) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
14) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
~~15) C345 Benzyl alcohol~~	~~6.35~~	~~108~~	~~961~~	~~0.52~~	~~ng~~	~~# 1~~
16) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.		
17) C355 2-Methylphenol	0.00	108	0	N.D.		
18) E145 Acetophenone	6.73	105	1381	N.D.		
~~19) C375 Hexachloroethane~~	~~6.94~~	~~117~~	~~2854~~	~~2.17~~	~~ng~~	~~# 9~~
20) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.		
21) C365 4-Methylphenol	0.00	108	0	N.D.		
24) C410 Nitrobenzene	6.98	77	1237	N.D.		
25) C415 Isophorone	0.00	82	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\031507\V19724.D
Acq On : 15 Mar 2007 11:40
Sample : A7221903 AW70003688
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34:23 2007

Vial: 8
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
26)	C430 benzoic acid	0.00	122	0	N.D.		
27)	C420 2-Nitrophenol	0.00	139	0	N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
31)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.		
32)	C450 Naphthalene	8.09	128	1119	N.D.		
33)	C455 4-Chloroaniline	0.00	127	0	N.D.		
34)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
35)	E655 Caprolactam	0.00	113	0	N.D.		
36)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.		
37)	C470 2-Methylnaphthalene	0.00	142	0	N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
43)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
44)	C811 1,1'-Biphenyl	9.86	154	443	N.D.		
45)	C530 2-Nitroaniline	0.00	65	0	N.D.		
46)	C540 Acenaphthylene	0.00	152	0	N.D.		
47)	C535 Dimethylphthalate	10.34	163	165	N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
49)	C550 Acenaphthene	0.00	153	0	N.D.		
50)	C545 3-Nitroaniline	11.08	138	167	N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
52)	C565 Dibenzofuran	0.00	168	0	N.D.		
53)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
54)	C560 4-Nitrophenol	11.04	109	179	N.D.		
55)	C590 Fluorene	0.00	166	0	N.D.		
56)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
57)	C580 Diethylphthalate	0.00	149	0	N.D.		
58)	C620 1,2 diphenylhydrazine	11.73	77	396	N.D.		
59)	C595 4-Nitroaniline	0.00	138	0	N.D.		
61)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
62)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
64)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
65)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
66)	E510 Atrazine	0.00	200	0	N.D.		
67)	C635 Pentachlorophenol	0.00	266	0	N.D.		
68)	C640 Phenanthrene	12.73	178	505	N.D.		
69)	C645 Anthracene	12.73	178	505	N.D.		
70)	C647 carbazole	13.06	167	172	N.D.		
71)	C650 Di-n-butylphthalate	13.40	149	3635	N.D.		
72)	C655 Fluoranthene	14.00	202	365	N.D.		
74)	C715 Pyrene	14.22	202	905	N.D.		
75)	C710 benzidine	14.15	184	163	N.D.		
77)	C720 Butylbenzylphthalate	14.82	149	1560	N.D.		
78)	C725 3,3'-Dichlorobenzidin	15.37	252	203	N.D.		
79)	C730 Benzo[a]anthracene	15.32	228	1585	N.D.		
80)	C735 Chrysene	15.36	228	427	N.D.		
81)	C740 bis(2-Ethylhexyl)phth	15.32	149	25241	3.78	ng	94
83)	C760 Di-n-octylphthalate	15.88	149	1993	N.D.		
84)	C765 Benzo[b]fluoranthene	16.23	252	168	N.D.		

(#) = qualifier out of range (m) = manual integration

3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19724.D
Acq On : 15 Mar 2007 11:40
Sample : A7221903 AW70003688
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34:23 2007

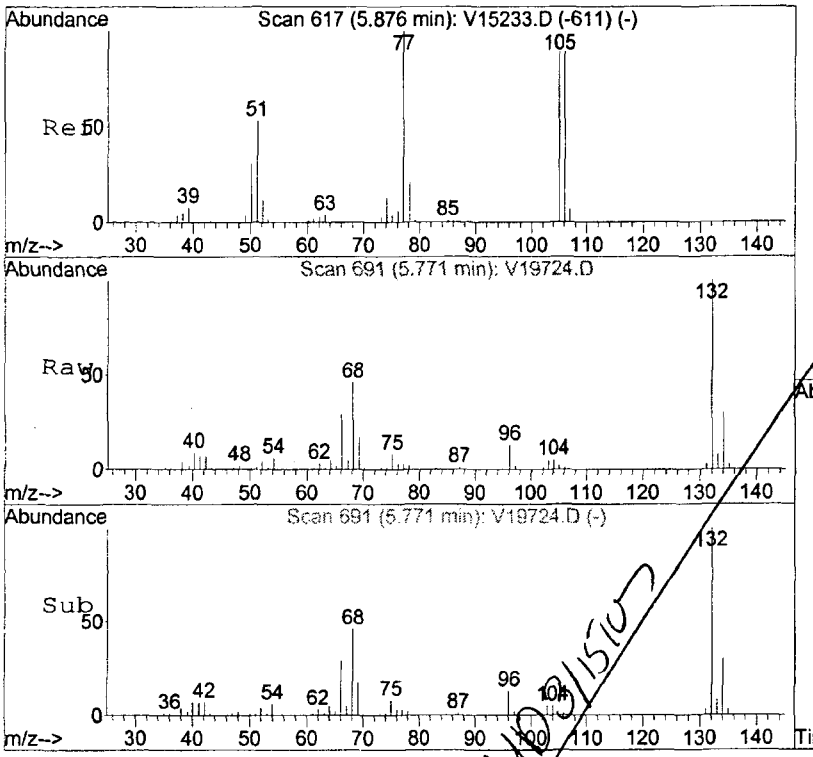
Vial: 8
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	16.28	252	164	N.D.		
86)	C775 Benzo[a]pyrene	16.60	252	1261	N.D.		
87)	C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.		
88)	C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.		
89)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration

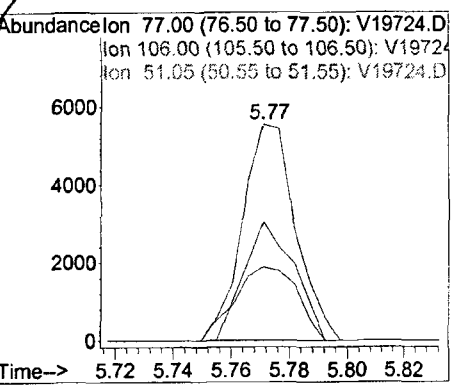
MB 3/19/07

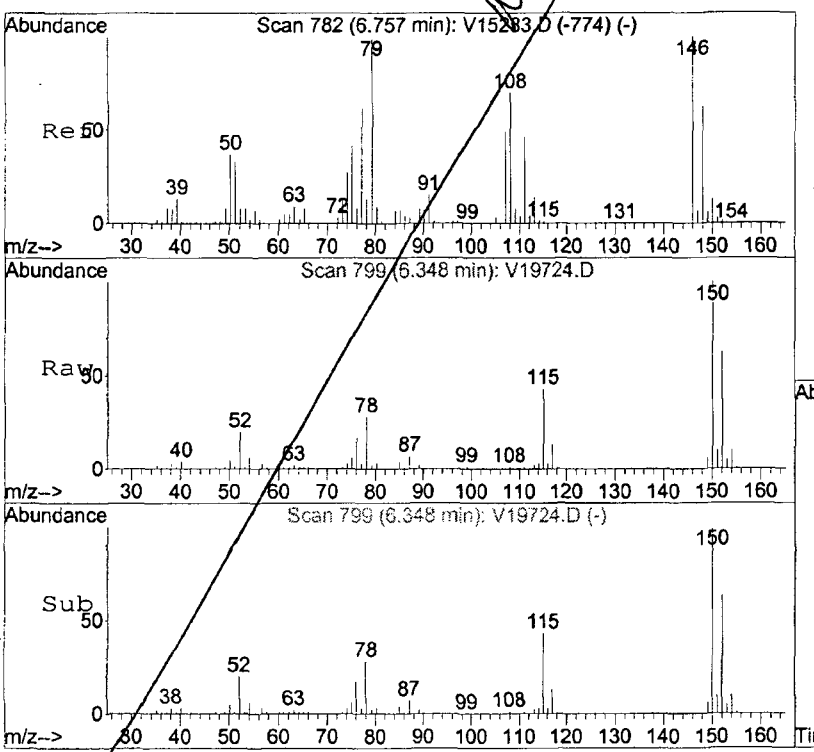


#4
E600 Benzaldehyde
Concen: 5.84 ng
RT: 5.77 min Scan# 691
Delta R.T. 0.32 min
Lab File: V19724.D
Acq: 15 Mar 2007 11:40

Tgt Ion: 77 Resp: 7061

Ion	Ratio	Lower	Upper
77	100		
106	51.9	76.2	114.4#
51	39.6	40.2	60.4#

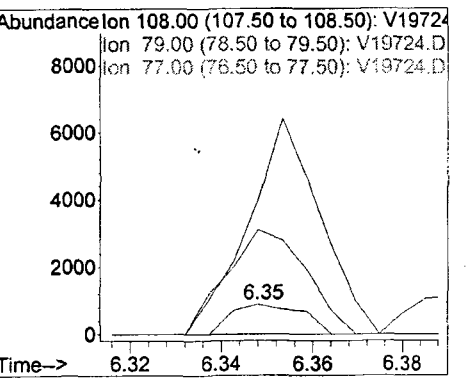


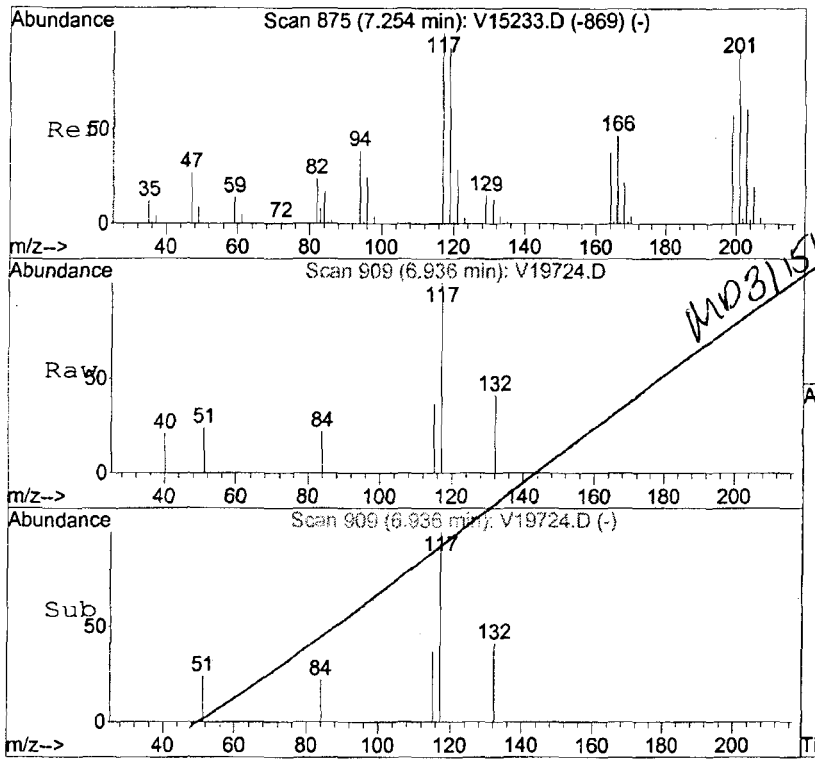


#15
C345 Benzyl alcohol
Concen: 0.52 ng
RT: 6.35 min Scan# 799
Delta R.T. -0.02 min
Lab File: V19724.D
Acq: 15 Mar 2007 11:40

Tgt Ion:108 Resp: 961

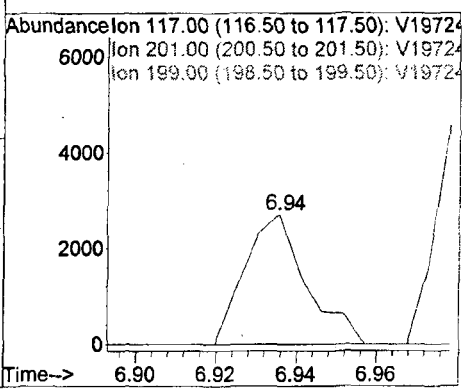
Ion	Ratio	Lower	Upper
108	100		
79	350.7	93.8	133.8#
77	452.4	51.3	91.3#

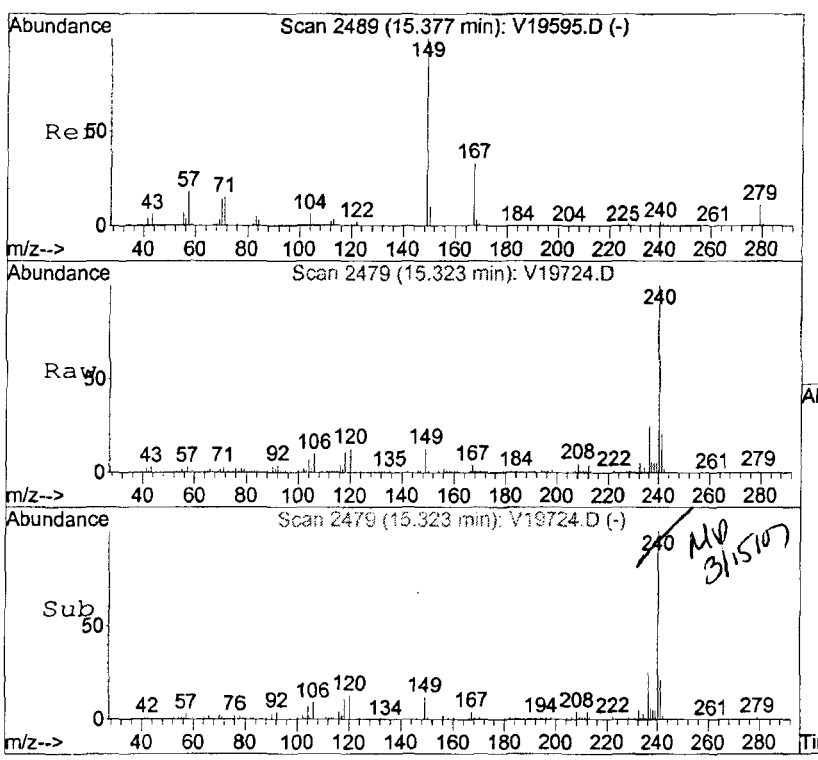




#19
C375 Hexachloroethane
Concen: 2.17 ng
RT: 6.94 min Scan# 909
Delta R.T. 0.05 min
Lab File: V19724.D
Acq: 15 Mar 2007 11:40

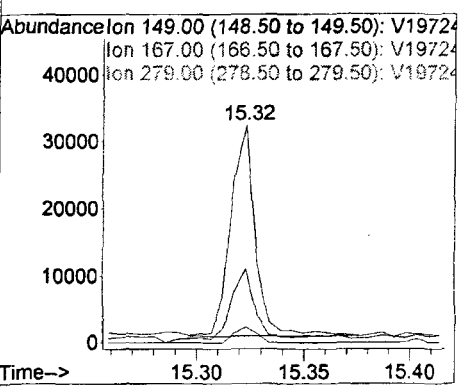
Tgt Ion:117	Resp:	2854	
Ion	Ratio	Lower	Upper
117	100		
201	0.0	76.5	116.5#
199	0.0	38.0	78.0#





#81
C740 bis(2-Ethylhexyl)phthalate
Concen: 3.78 ng
RT: 15.32 min Scan# 2479
Delta R.T. 0.00 min
Lab File: V19724.D
Acq: 15 Mar 2007 11:40

Tgt Ion:149	Resp:	25241	
Ion	Ratio	Lower	Upper
149	100		
167	33.2	9.8	49.8
279	7.2	0.0	26.1



Data File : D:\DATA\031507\V19724.D
Acq On : 15 Mar 2007 11:40
Sample : A7221903 AW70003688
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: MD
Inst : HP5973V
Multiplr: 1.00

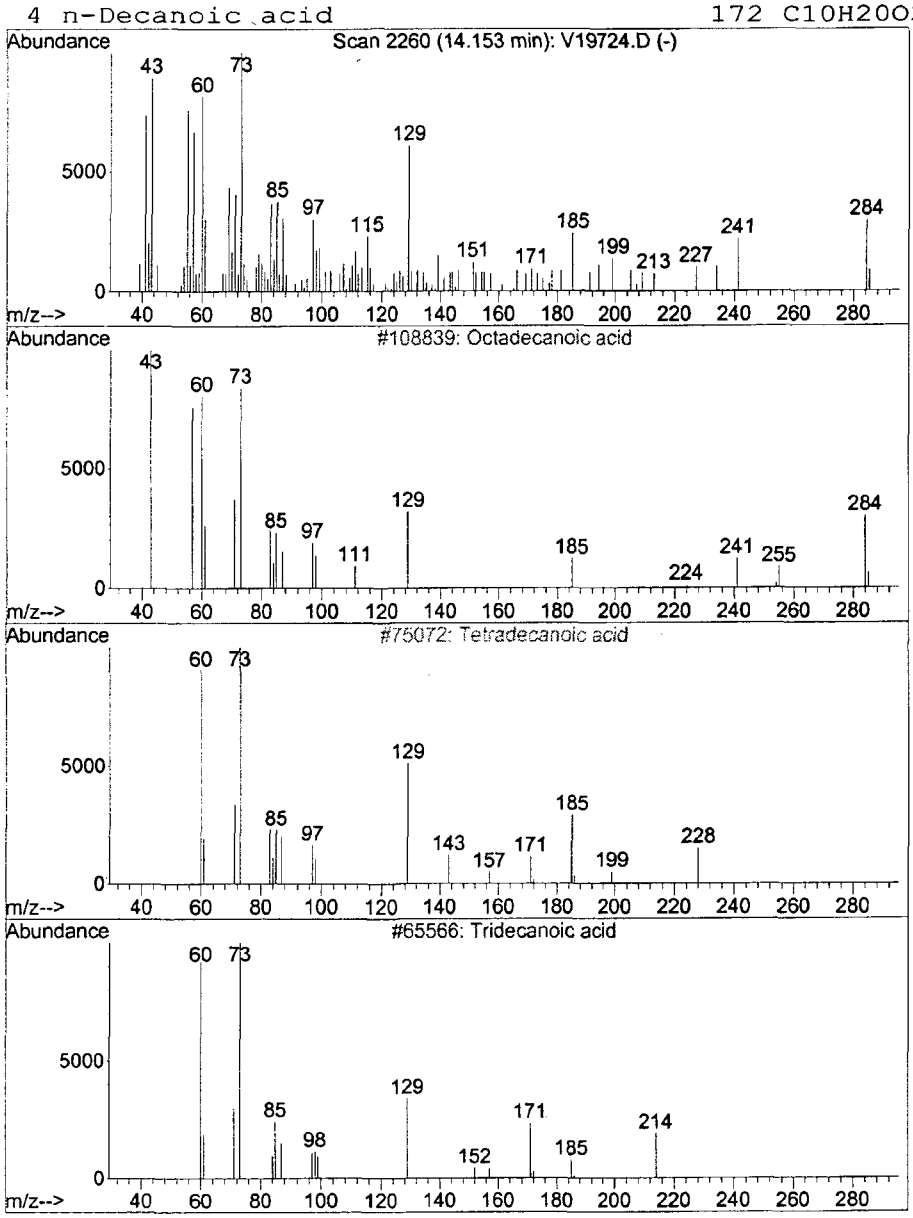
Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Library : C:\DATABASE\NIST02.L

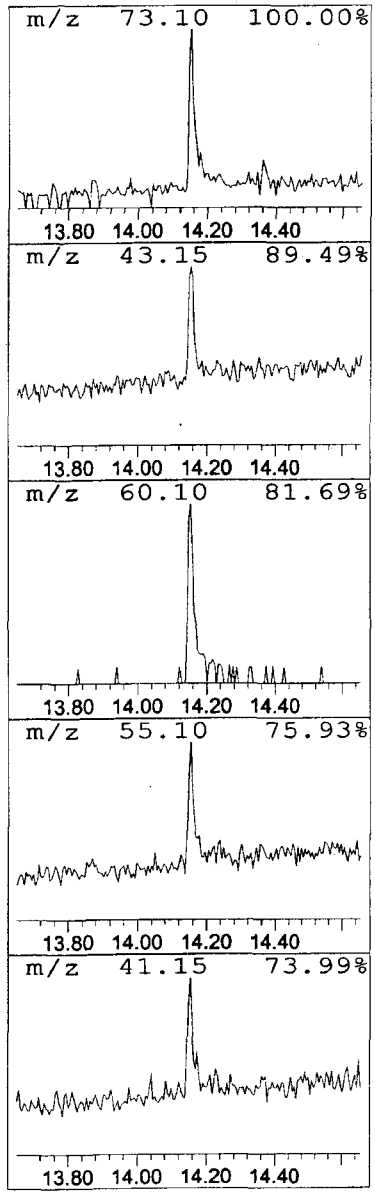
****

Peak Number 1 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
14.15	5.33 ng	119820	CI70 Chrysene-d12	899421	15.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3	Tridecanoic acid	214	C13H26O2	000638-53-9	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Tentatively Identified Compound (LSC) summary

Operator ID: MD Date Acquired: 15 Mar 2007 11:40
Data File: D:\DATA\031507\V19724.D
Name: A7221903 AW70003688
Misc:
Method: C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title: CLP BNA Calibration
Library Searched: C:\DATABASE\NIST02.L

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Octadecanoic acid	14.15	5.3	ng	119820	5	15.33	899421	40.0

Standards

SEMIVOLATILE 3/90 AND ASP '91
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A7I0000189-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Intrument ID: HP5973V Calibration Dates(s): 03/07/2007 03/07/2007

Calibration Times: 13:03 14:47

Lab File ID: RRF20 = V19591.RR RRF50 = V19592.RR
RRF80 = V19593.RR RRF120 = V19594.RR RRF160 = V19595.RR

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	*	1.989	1.950	1.895	1.818	1.858	1.9020	3.600*
Bis(2-chloroethyl) ether	*	1.571	1.487	1.444	1.361	1.357	1.4440	6.200*
2-Chlorophenol	*	1.480	1.388	1.373	1.284	1.298	1.3650	5.800*
2-Methylphenol	*	1.306	1.293	1.265	1.196	1.221	1.2560	3.700*
2,2'-Oxybis(1-Chloropropane		2.123	1.998	1.966	1.837	1.834	1.9520	6.200
4-Methylphenol	*	1.354	1.322	1.303	1.249	1.275	1.3010	3.100*
N-Nitroso-Di-n-propylamine	*	1.160	1.139	1.121	1.069	1.098	1.1170	3.200*
Acetophenone		2.250	2.196	2.145	2.041	2.100	2.1460	3.800
Benzaldehyde		1.240	0.714	0.499	0.429	0.398	0.6560	53.200
Caprolactam		0.035	0.080	0.079	0.097	0.103	0.0790	33.900
Biphenyl		1.520	1.536	1.476	1.389	1.375	1.4590	5.100
Atrazine		0.222	0.222	0.217	0.206	0.210	0.2150	3.300
Hexachloroethane	*	0.619	0.608	0.593	0.544	0.550	0.5830	5.800*
Nitrobenzene	*	0.438	0.430	0.422	0.399	0.403	0.4180	4.000*
Isophorone	*	0.772	0.755	0.737	0.708	0.718	0.7380	3.500*
2-Nitrophenol	*	0.187	0.193	0.188	0.177	0.181	0.1850	3.300*
2,4-Dimethylphenol	*	0.371	0.363	0.357	0.335	0.339	0.3530	4.300*
Bis(2-chloroethoxy) methane	*	0.442	0.429	0.421	0.399	0.406	0.4190	4.200*
2,4-Dichlorophenol	*	0.295	0.301	0.295	0.272	0.282	0.2890	4.100*
Naphthalene	*	1.040	1.001	0.976	0.913	0.927	0.9710	5.400*
4-Chloroaniline		0.400	0.409	0.396	0.381	0.395	0.3960	2.600
Hexachlorobutadiene		0.190	0.182	0.182	0.167	0.168	0.1780	5.600
4-Chloro-3-methylphenol	*	0.302	0.310	0.302	0.290	0.297	0.3000	2.400*
2-Methylnaphthalene	*	0.694	0.675	0.657	0.625	0.633	0.6570	4.400*
Hexachlorocyclopentadiene		0.111	0.187	0.202	0.222	0.232	0.1910	25.100
2,4,6-Trichlorophenol	*	0.326	0.344	0.335	0.318	0.320	0.3290	3.300*
2,4,5-Trichlorophenol	*		0.364	0.348	0.338	0.338	0.3470	3.600*
2-Chloronaphthalene	*	1.093	1.110	1.074	1.000	0.993	1.0540	5.100*
2-Nitroaniline			0.350	0.331	0.332	0.332	0.3360	2.600
Dimethyl phthalate		1.263	1.307	1.238	1.208	1.183	1.2400	3.900
Acenaphthylene	*	1.699	1.752	1.686	1.581	1.581	1.6600	4.600*
2,6-Dinitrotoluene	*	0.278	0.306	0.290	0.282	0.283	0.2880	3.900*
3-Nitroaniline			0.311	0.305	0.299	0.294	0.3020	2.400
Acenaphthene	*	1.043	1.041	1.010	0.957	0.947	1.0000	4.600*
2,4-Dinitrophenol			0.117	0.120	0.135	0.149	0.1300	11.100
4-Nitrophenol			0.143	0.135	0.151	0.151	0.1450	5.300
Dibenzofuran	*	1.535	1.594	1.548	1.465	1.445	1.5170	4.000*

SEMIVOLATILE 3/90 AND ASP '91
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A7I0000189-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Intrument ID: HP5973V Calibration Dates(s): 03/07/2007 03/07/2007

Calibration Times: 13:03 14:47

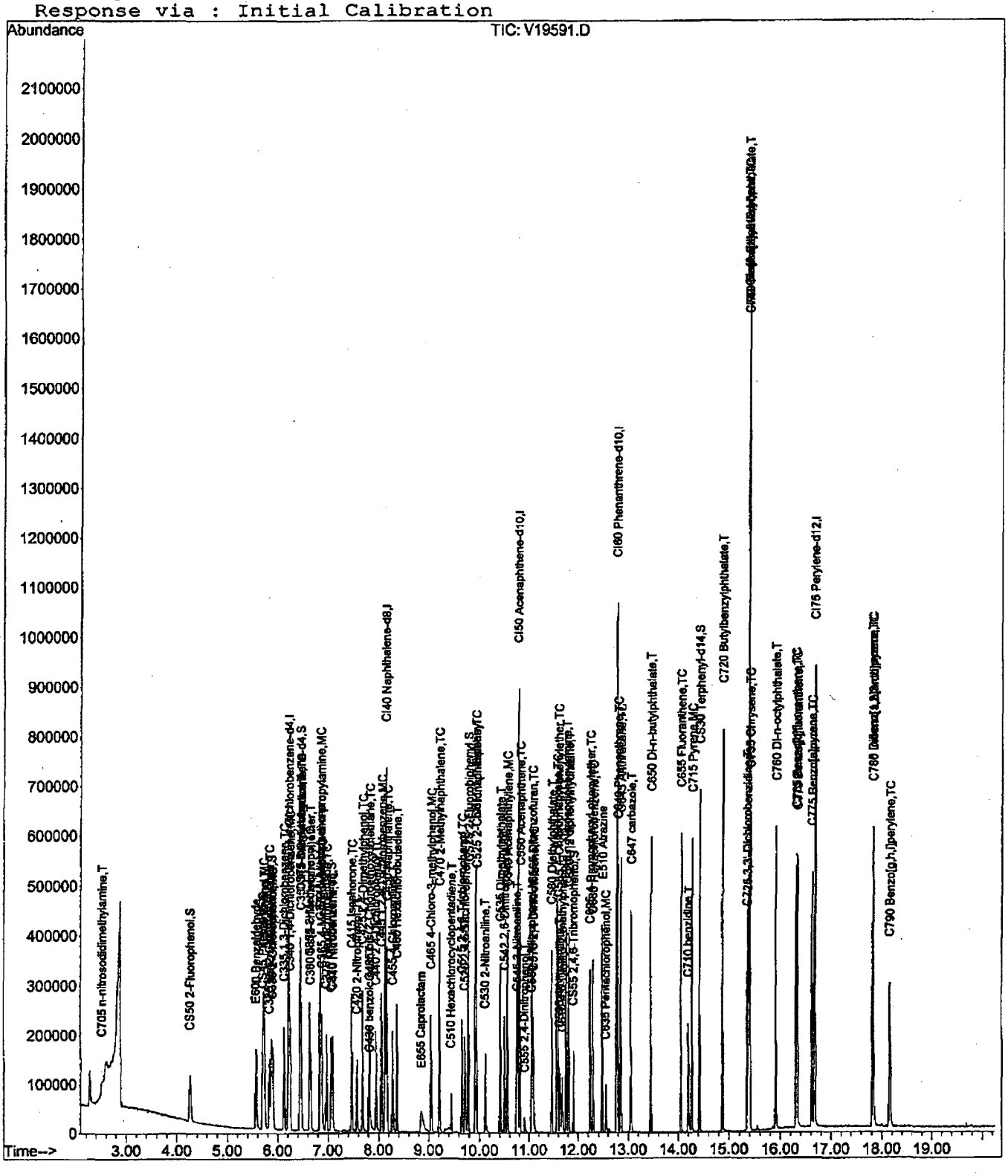
Lab File ID: RRF20 = V19591.RR RRF50 = V19592.RR
RRF80 = V19593.RR RRF120 = V19594.RR RRF160 = V19595.RR

COMPOUND		RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
2,4-Dinitrotoluene	*	0.410	0.416	0.402	0.388	0.388	0.4010	3.200*
Diethyl phthalate		1.229	1.266	1.206	1.156	1.131	1.1970	4.600
4-Chlorophenyl phenyl ether	*	0.627	0.637	0.609	0.580	0.576	0.6060	4.500*
Fluorene	*	1.258	1.317	1.250	1.209	1.204	1.2480	3.600*
4-Nitroaniline			0.296	0.279	0.287	0.290	0.2880	2.500
4,6-Dinitro-2-methylphenol			0.116	0.117	0.116	0.127	0.1190	4.500
N-nitrosodiphenylamine		0.574	0.564	0.541	0.509	0.520	0.5420	5.100
4-Bromophenyl phenyl ether	*	0.200	0.197	0.194	0.177	0.184	0.1900	5.200*
Hexachlorobenzene	*	0.218	0.214	0.210	0.192	0.196	0.2060	5.400*
Pentachlorophenol	*		0.095	0.097	0.097	0.105	0.0990	4.600*
Phenanthrene	*	1.044	1.050	1.028	0.945	0.960	1.0050	4.900*
Anthracene	*	1.091	1.077	1.042	0.976	0.987	1.0340	5.000*
Carbazole		1.000	0.989	0.939	0.906	0.927	0.9520	4.200
Di-n-butyl phthalate		1.172	1.181	1.138	1.084	1.121	1.1390	3.500
Fluoranthene	*	1.171	1.165	1.092	1.082	1.096	1.1210	3.800*
Pyrene	*	1.181	1.208	1.273	1.141	1.156	1.1920	4.400*
Butyl benzyl phthalate		0.545	0.555	0.569	0.510	0.514	0.5390	4.700
3,3'-Dichlorobenzidine		0.385	0.410	0.381	0.378	0.390	0.3890	3.300
Benzo(a)anthracene	*	1.128	1.114	1.078	1.006	1.028	1.0710	4.900*
Chrysene	*	1.055	1.070	1.025	1.007	1.010	1.0330	2.700*
Bis(2-ethylhexyl) phthalate		0.768	0.786	0.793	0.689	0.683	0.7440	7.200
Di-n-octyl phthalate		1.407	1.432	1.322	1.315	1.324	1.3600	4.000
Benzo(b)fluoranthene	*	1.199	1.242	1.180	1.150	1.067	1.1680	5.600*
Benzo(k)fluoranthene	*	1.222	1.096	0.994	1.003	1.101	1.0830	8.500*
Benzo(a)pyrene	*	1.140	1.145	1.098	1.043	1.067	1.0980	4.000*
Indeno(1,2,3-cd)pyrene	*	1.167	1.214	1.395	1.116	1.144	1.2070	9.200*
Dibenzo(a,h)anthracene	*	0.994	1.047	1.188	0.967	0.992	1.0380	8.600*
Benzo(ghi)perylene	*	0.957	1.036	1.233	0.952	0.965	1.0280	11.600*
Nitrobenzene-D5	*	0.443	0.436	0.422	0.405	0.410	0.4230	3.900*
2-Fluorobiphenyl	*	1.326	1.338	1.289	1.204	1.190	1.2690	5.400*
p-Terphenyl-d14	*	0.886	0.890	0.946	0.838	0.851	0.8820	4.800*
Phenol-D5	*	1.830	1.827	1.773	1.675	1.716	1.7640	3.900*
2-Fluorophenol	*	1.445	1.451	1.423	1.351	1.370	1.4080	3.200*
2,4,6-Tribromophenol		0.098	0.102	0.103	0.098	0.103	0.1010	2.300
2-Chlorophenol-d4	*	1.509	1.443	1.431	1.354	1.372	1.4220	4.300*
1,2-Dichlorobenzene-d4	*	1.022	0.959	0.930	0.846	0.879	0.9270	7.400*

Comments:

Data File : D:\DATA\030707\V19591.D Vial: 2
Acq On : 7 Mar 2007 13:03 Operator: MRF
Sample : SSTD020 Inst : HP5973V
Misc : CLP (02/21/07) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 8 13:21 2007 Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:15:44 2007
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\030707\V19591.D
Acq On : 7 Mar 2007 13:03
Sample : SSTD020
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:15:47 2007

Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:15:44 2007
Response via : Initial Calibration
DataAcq Meth : CLP
IS QA File : D:\DATA\020907\V19267.D (9 Feb 2007 13:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.21	152	98012	40.00	ng	0.00
						112.08%
22) CI40 Naphthalene-d8	8.13	136	386879	40.00	ng	-0.03
						117.03%
38) CI50 Acenaphthene-d10	10.76	164	243990	40.00	ng	-0.04
						118.46%
60) CI60 Phenanthrene-d10	12.76	188	422337	40.00	ng	-0.05
						117.62%
73) CI70 Chrysene-d12	15.38	240	430168	40.00	ng	-0.05
						139.96%
82) CI75 Perylene-d12	16.67	264	391153	40.00	ng	-0.01
						149.47%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.26	112	70830	16.26	ng	0.11
Spiked Amount 150.000	Range 21 - 110		Recovery = 10.84%#			
6) CS45 Phenol-d5	5.70	99	89700	16.66	ng	0.03
Spiked Amount 150.000	Range 10 - 110		Recovery = 11.11%			
7) CS70 2-chlorophenol-d4	5.88	132	73953	18.41	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 12.27%#			
13) CS75 1,2-dichlorobenzene-d	6.44	152	50090	18.75	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 18.75%			
23) CS20 Nitrobenzene-d5	7.06	82	85635	14.76	ng	-0.01
Spiked Amount 100.000	Range 34 - 114		Recovery = 14.76%#			
42) CS25 2-Fluorobiphenyl	9.78	172	161717	16.70	ng	-0.04
Spiked Amount 100.000	Range 43 - 116		Recovery = 16.70%#			
63) CS55 2,4,6-Tribromophenol	11.90	330	20775	14.72	ng	-0.05
Spiked Amount 150.000	Range 10 - 123		Recovery = 9.81%#			
76) CS30 Terphenyl-d14	14.43	244	190460	15.42	ng	-0.06
Spiked Amount 100.000	Range 33 - 141		Recovery = 15.42%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.51	74	43763m	17.49	ng	# 92
4) E600 Benzaldehyde	5.57	77	60756	22.56	ng	91
5) C325 bis(2-Chloroethyl)eth	5.84	93	76985	17.06	ng	92
8) C315 Phenol	5.72	94	97461	16.22	ng	78
9) C330 2-Chlorophenol	5.90	128	72503	18.48	ng	85
10) C320 aniline	5.73	93	109275	18.93	ng	# 36
11) C335 1,3-Dichlorobenzene	6.12	146	78862	17.29	ng	92
12) C340 1,4-Dichlorobenzene	6.24	146	79798	17.25	ng	99
14) C350 1,2-Dichlorobenzene	6.47	146	76176	18.03	ng	94
15) C345 Benzyl alcohol	6.46	108	40028	14.06	ng	# 70
16) C360 bis(2-chloroisopropyl	6.65	45	104057	18.49	ng	99
17) C355 2-Methylphenol	6.64	108	64016	17.28	ng	98
18) E145 Acetophenone	6.84	105	110268	18.06	ng	91
19) C375 Hexachloroethane	6.97	117	30315	16.32	ng	99
20) C370 N-Nitroso-di-n-propyl	6.86	70	56831	15.18	ng	# 68
21) C365 4-Methylphenol	6.88	108	66372	17.50	ng	97
24) C410 Nitrobenzene	7.09	77	84661	14.35	ng	81
25) C415 Isophorone	7.46	82	149347	15.21	ng	87

MRF 3/8/07

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19591.D
Acq On : 7 Mar 2007 13:03
Sample : SSTD020
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:15:47 2007

Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:15:44 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C430 benzoic acid	7.83	122	17809	9.88	ng		98
27)	C420 2-Nitrophenol	7.57	139	36136	16.99	ng		82
28)	C425 2,4-Dimethylphenol	7.68	107	71774	16.53	ng		94
29)	C435 bis(2-Chloroethoxy)me	7.82	93	85536	16.41	ng		96
30)	C440 2,4-Dichlorophenol	7.95	162	56960	16.68	ng		94
31)	C445 1,2,4-Trichlorobenzen	8.06	180	65662	17.33	ng		97
32)	C450 Naphthalene	8.16	128	201072	17.60	ng		99
33)	C455 4-Chloroaniline	8.28	127	77274	17.26	ng		98
34)	C460 Hexachlorobutadiene	8.37	225	36793	15.65	ng		95
35)	E655 Caprolactam	8.84	113	6780	7.66	ng	#	1
36)	C465 4-Chloro-3-methylphen	9.05	107	58471	14.83	ng		91
37)	C470 2-Methylnaphthalene	9.21	142	134228	17.01	ng		93
39)	C510 Hexachlorocyclopentad	9.45	237	13535	5.21	ng		96
40)	C515 2,4,6-Trichlorophenol	9.65	196	39757	15.62	ng		95
41)	C520 2,4,5-Trichlorophenol	9.71	196	43073	15.78	ng		95
43)	C525 2-Chloronaphthalene	9.94	162	133349	16.71	ng		92
44)	C811 1,1'-Biphenyl	9.92	154	185441	18.36	ng		97
45)	C530 2-Nitroaniline	10.11	65	40332	13.07	ng	#	68
46)	C540 Acenaphthylene	10.55	152	207273	16.80	ng		98
47)	C535 Dimethylphthalate	10.41	163	154083	15.97	ng		98
48)	C542 2,6-Dinitrotoluene	10.49	165	33952	15.52	ng		98
49)	C550 Acenaphthene	10.81	153	127205	16.83	ng		97
50)	C545 3-Nitroaniline	10.74	138	33019	15.43	ng	#	72
51)	C555 2,4-Dinitrophenol	10.91	184	8221	8.43	ng		77
52)	C565 Dibenzofuran	11.07	168	187223	16.19	ng		98
53)	C570 2,4-Dinitrotoluene	11.09	165	49964	16.92	ng		96
54)	C560 4-Nitrophenol	11.05	109	12891	8.01	ng	#	2
55)	C590 Fluorene	11.57	166	153425	15.95	ng		96
56)	C585 4-Chlorophenyl-phenyl	11.59	204	76496	16.20	ng		85
57)	C580 Diethylphthalate	11.47	149	149870	15.50	ng		98
58)	C620 1,2 diphenylhydrazine	11.81	77	172786	14.47	ng		84
59)	C595 4-Nitroaniline	11.63	138	31302	15.23	ng		81
61)	C610 4,6-Dinitro-2-methylp	11.69	198	21075	14.48	ng		100
62)	C615 n-Nitrosodiphenylamin	11.77	169	121290	18.83	ng		98
64)	C625 4-Bromophenyl-phenyle	12.24	248	42188	15.84	ng	#	85
65)	C630 Hexachlorobenzene	12.29	284	45993	15.70	ng		92
66)	E510 Atrazine	12.48	200	46973	21.06	ng		94
67)	C635 Pentachlorophenol	12.56	266	15154	10.30	ng		93
68)	C640 Phenanthrene	12.79	178	220488	16.55	ng		97
69)	C645 Anthracene	12.85	178	230360	17.10	ng		99
70)	C647 carbazole	13.05	167	211112	17.51	ng		100
71)	C650 Di-n-butylphthalate	13.45	149	247526	16.13	ng		99
72)	C655 Fluoranthene	14.05	202	247254	16.50	ng		90
74)	C715 Pyrene	14.28	202	253921	15.93	ng		99
75)	C710 benzidine	14.20	184	107188	23.88	ng		99
77)	C720 Butylbenzylphthalate	14.87	149	117277	16.43	ng	#	79
78)	C725 3,3'-Dichlorobenzidin	15.35	252	82819	16.15	ng		98
79)	C730 Benzo[a]anthracene	15.37	228	242646	16.61	ng		98
80)	C735 Chrysene	15.41	228	226871	17.66	ng		99
81)	C740 bis(2-Ethylhexyl)phth	15.38	149	165112	15.88	ng		93
83)	C760 Di-n-octylphthalate	15.91	149	275219	13.89	ng		100
84)	C765 Benzo[b]fluoranthene	16.31	252	234518m	14.96	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19591.D
Acq On : 7 Mar 2007 13:03
Sample : SSTD020
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:15:47 2007

Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:15:44 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	16.34	252	239015	16.52	ng	99
86)	C775 Benzo[a]pyrene	16.62	252	222863	16.07	ng	97
87)	C780 Indeno[1,2,3-cd]pyren	17.82	276	228247	14.62	ng	90
88)	C785 Dibenz[a,h]anthracene	17.83	278	194361	14.54	ng	97
89)	C790 Benzo[g,h,i]perylene	18.15	276	187075	14.87	ng	98

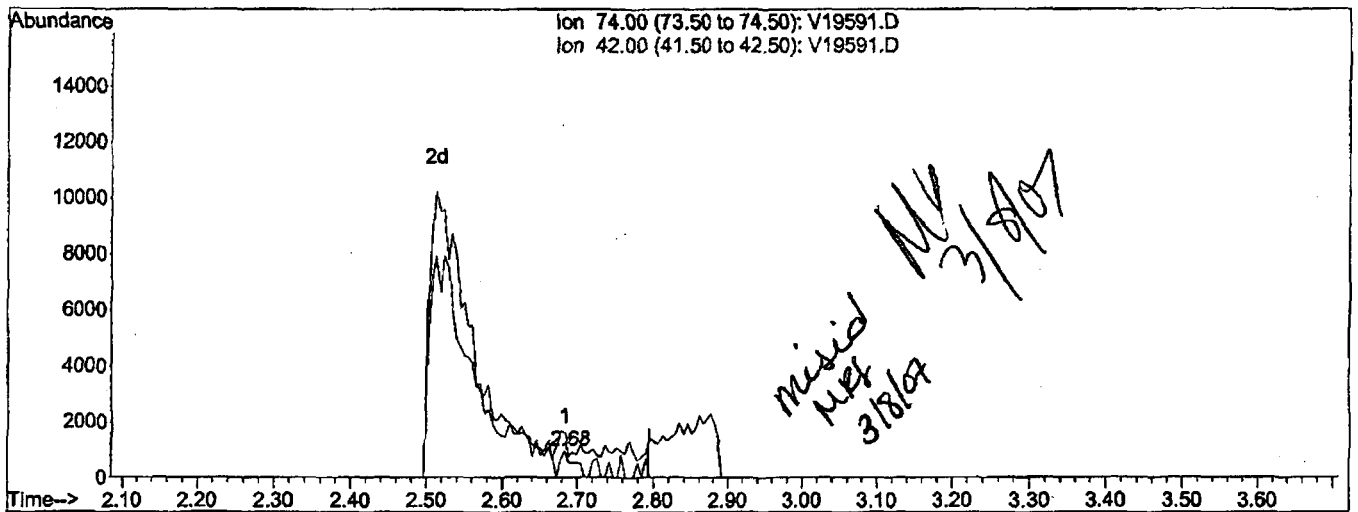
(#) = qualifier out of range (m) = manual integration

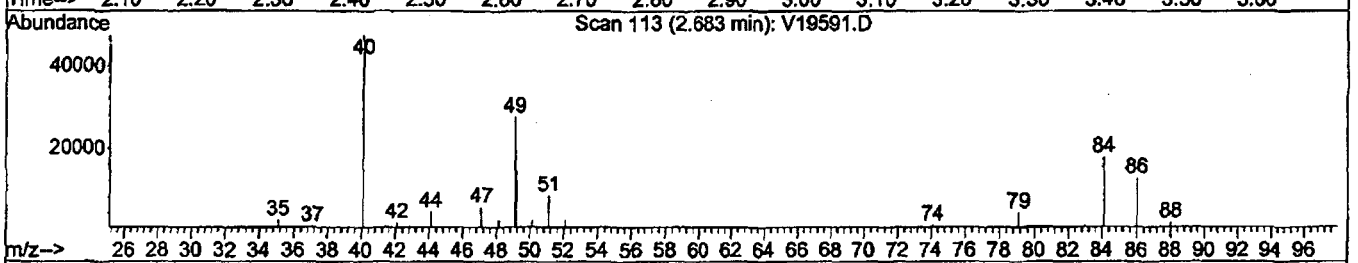
Quantitation Report (Qedit)

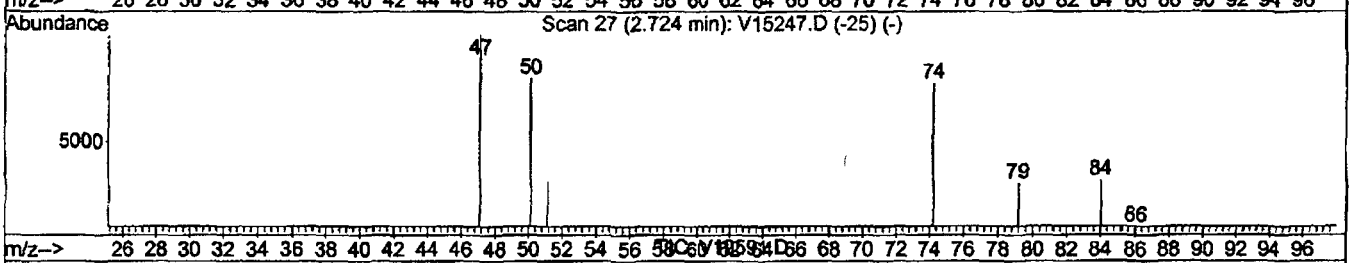
Data File : D:\DATA\030707\V19591.D
Acq On : 7 Mar 2007 13:03
Sample : SSTD020
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 8 13:15 2007

Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:15:44 2007
Response via : Multiple Level Calibration







(2) C705 n-nitrosodidimethylamine (T)

2.68min 0.47ng

response 1172

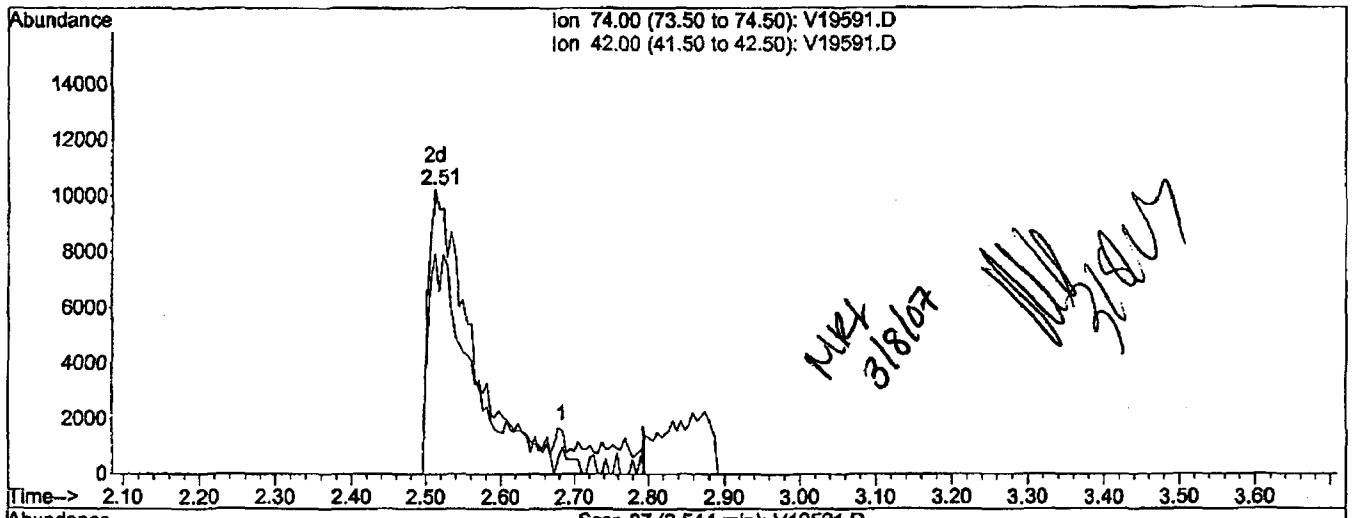
Ion	Exp%	Act%
74.00	100	100
42.00	75.30	68.60
0.00	0.00	0.00
0.00	0.00	0.00

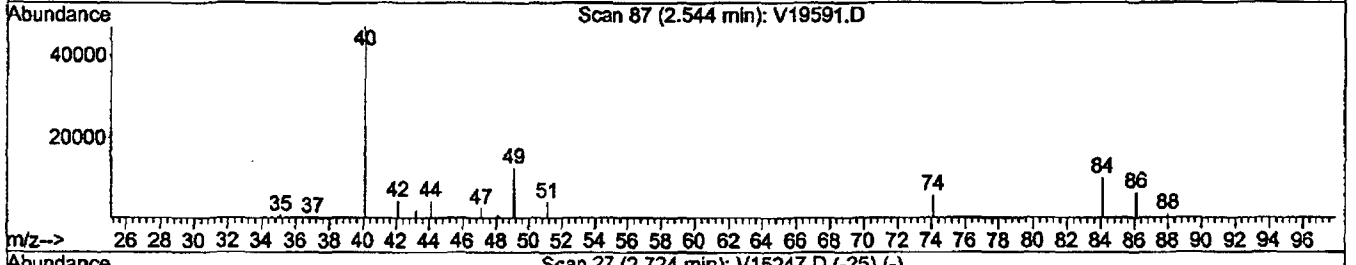
Quantitation Report (Qedit)

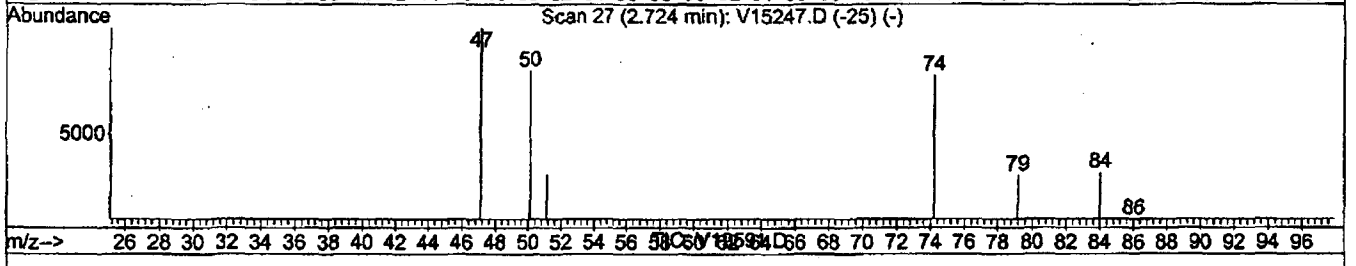
Data File : D:\DATA\030707\V19591.D
Acq On : 7 Mar 2007 13:03
Sample : SSTD020
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 8 13:15 2007

Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:15:44 2007
Response via : Multiple Level Calibration







(2) C705 n-nitrosodidimethylamine (T)

2.51min 17.49ng m

response 43763

Ion	Exp%	Act%
74.00	100	100
42.00	75.30	1.84#
0.00	0.00	0.00
0.00	0.00	0.00

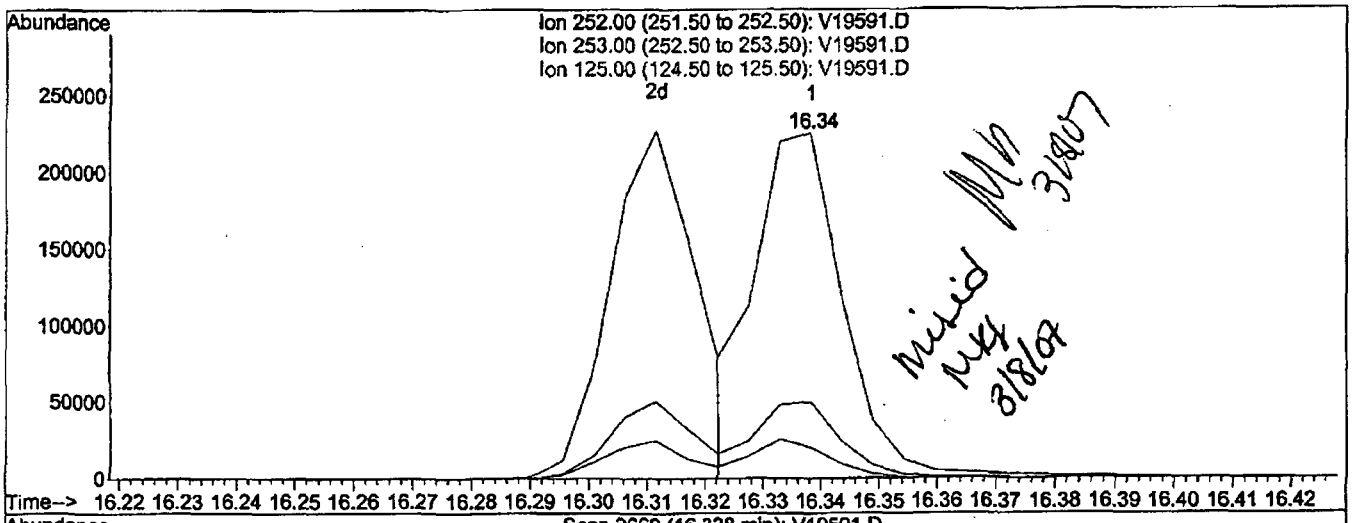
Quantitation Report (Qedit)

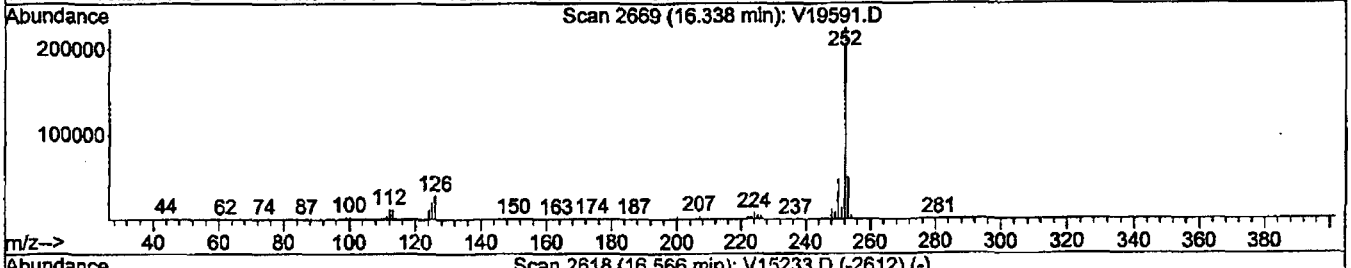
Data File : D:\DATA\030707\V19591.D
Acq On : 7 Mar 2007 13:03
Sample : SSTD020
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 8 13:15 2007

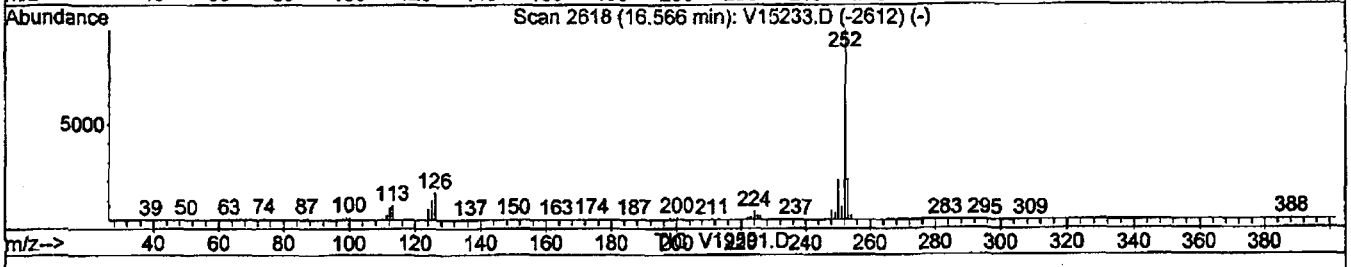
Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:15:44 2007
Response via : Multiple Level Calibration







(84) C765 Benzo[b]fluoranthene (TC)

16.34min 15.25ng

response 239015

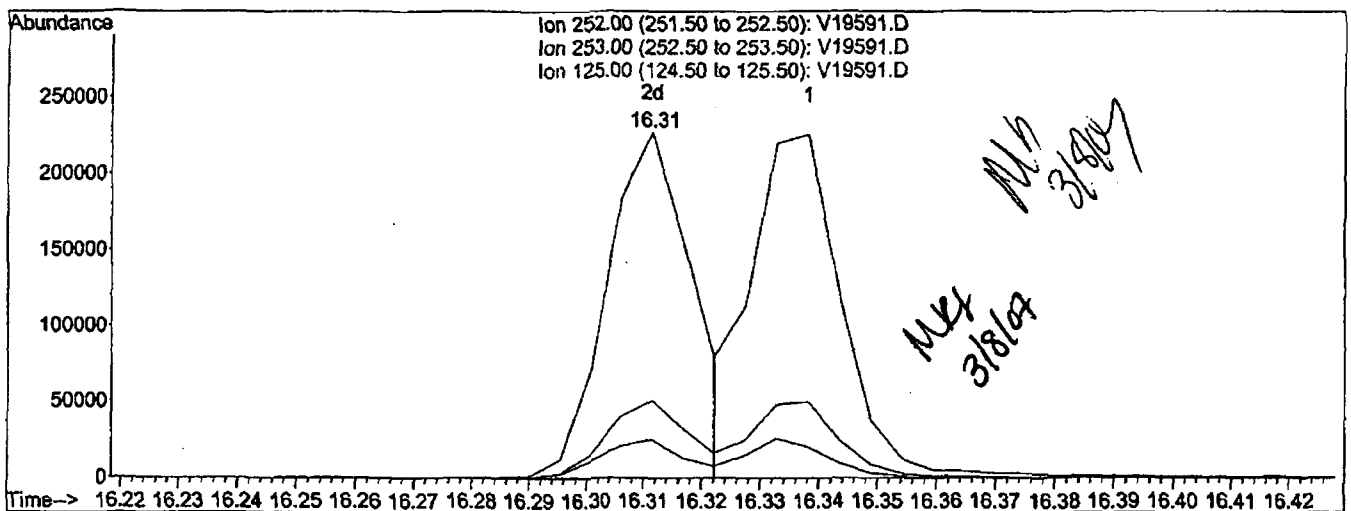
Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.16
125.00	9.70	8.95
0.00	0.00	0.00

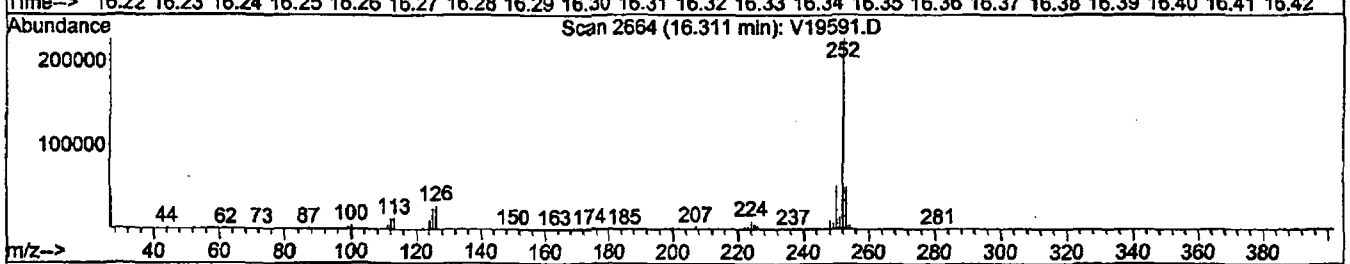
Quantitation Report (Qedit)

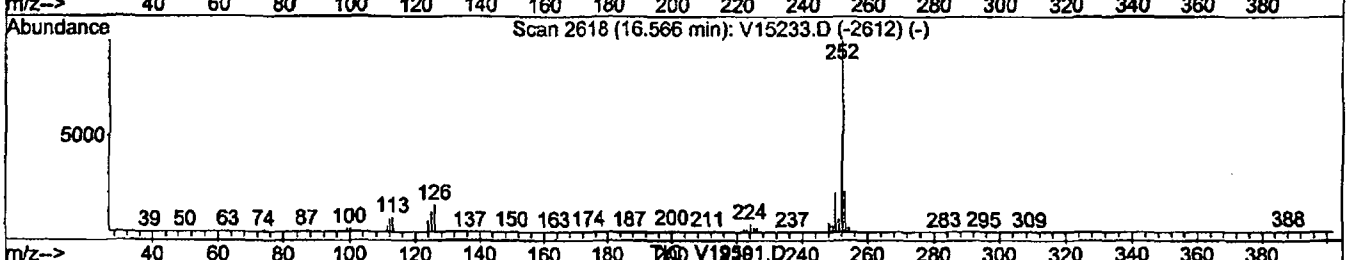
Data File : D:\DATA\030707\V19591.D
Acq On : 7 Mar 2007 13:03
Sample : SSTD020
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 8 13:21 2007

Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:15:44 2007
Response via : Multiple Level Calibration







(84) C765 Benzo[b]fluoranthene (TC)

16.31min 14.96ng m

response 234518

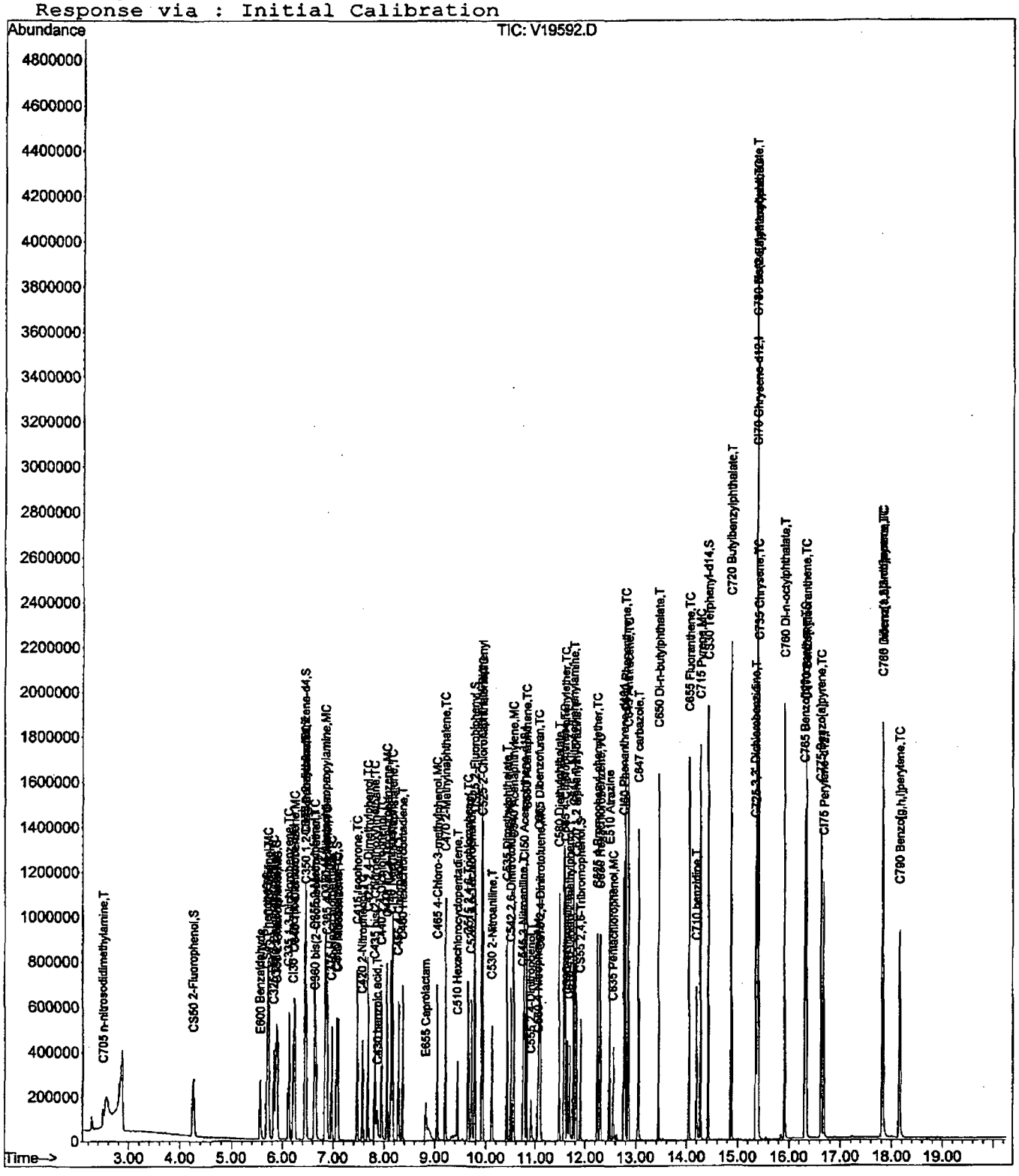
Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.25
125.00	9.70	10.97
0.00	0.00	0.00

Data File : D:\DATA\030707\V19592.D
Acq On : 7 Mar 2007 13:29
Sample : SSTD050
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 8 13:29 2007

Vial: 3
Operator: MRF
Inst : HP5973V
Multiplr: 1.00

Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:29:10 2007
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\030707\V19592.D
Acq On : 7 Mar 2007 13:29
Sample : SSTD050
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:29:15 2007

Vial: 3
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:29:10 2007
Response via : Initial Calibration
DataAcq Meth : CLP
IS QA File : D:\DATA\020907\V19267.D (9 Feb 2007 13:11)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.21	152	111089	40.00	ng	0.00 127.03%
22) CI40 Naphthalene-d8	8.13	136	437269	40.00	ng	0.00 132.28%
38) CI50 Acenaphthene-d10	10.76	164	271469	40.00	ng	0.00 131.80%
60) CI60 Phenanthrene-d10	12.76	188	488590	40.00	ng	0.00 136.07%
73) CI70 Chrysene-d12	15.39	240	479488	40.00	ng	0.00 156.01%
82) CI75 Perylene-d12	16.67	264	455630	40.00	ng	0.00 174.10%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.26	112	201476	43.30	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 28.87%			
6) CS45 Phenol-d5	5.70	99	253629	43.72	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 29.15%			
7) CS70 2-chlorophenol-d4	5.88	132	200370	45.75	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 30.50%#			
13) CS75 1,2-dichlorobenzene-d	6.44	152	133145	45.67	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 45.67%			
23) CS20 Nitrobenzene-d5	7.06	82	238478	39.23	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 39.23%			
42) CS25 2-Fluorobiphenyl	9.78	172	454143	44.74	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 44.74%			
63) CS55 2,4,6-Tribromophenol	11.90	330	62499	40.91	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 27.27%			
76) CS30 Terphenyl-d14	14.43	244	533520	41.39	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 41.39%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.50	74	111401	40.67	ng	97
4) E600 Benzaldehyde	5.57	77	99178	34.65	ng	95
5) C325 bis(2-Chloroethyl)eth	5.84	93	206428	42.81	ng	94
8) C315 Phenol	5.72	94	270706	42.26	ng	78
9) C330 2-Chlorophenol	5.90	128	192747	44.90	ng	85
10) C320 aniline	5.73	93	300859	49.46	ng	# 36
11) C335 1,3-Dichlorobenzene	6.12	146	216051	44.15	ng	96
12) C340 1,4-Dichlorobenzene	6.24	146	220309	44.27	ng	98
14) C350 1,2-Dichlorobenzene	6.47	146	202712	44.14	ng	95
15) C345 Benzyl alcohol	6.45	108	117667	39.39	ng	# 75
16) C360 bis(2-chloroisopropyl	6.66	45	277457	45.33	ng	93
17) C355 2-Methylphenol	6.64	108	179529	45.05	ng	96
18) E145 Acetophenone	6.84	105	304938	45.88	ng	94
19) C375 Hexachloroethane	6.97	117	84389	42.52	ng	95
20) C370 N-Nitroso-di-n-propyl	6.86	70	158218	40.34	ng	# 71
21) C365 4-Methylphenol	6.88	108	183539	44.62	ng	100
24) C410 Nitrobenzene	7.09	77	235097	38.28	ng	82
25) C415 Isophorone	7.46	82	412769	39.93	ng	87

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19592.D
Acq On : 7 Mar 2007 13:29
Sample : SSTD050
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:29:15 2007

Vial: 3
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:29:10 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C430 benzoic acid	7.87	122	78286	39.85	ng		93
27)	C420 2-Nitrophenol	7.57	139	105337	45.91	ng		81
28)	C425 2,4-Dimethylphenol	7.68	107	198189	42.60	ng		94
29)	C435 bis(2-Chloroethoxy)me	7.82	93	234341	42.28	ng		96
30)	C440 2,4-Dichlorophenol	7.95	162	164661	45.18	ng		94
31)	C445 1,2,4-Trichlorobenzen	8.06	180	177921	43.64	ng		95
32)	C450 Naphthalene	8.16	128	546956	44.39	ng		98
33)	C455 4-Chloroaniline	8.28	127	223560	46.44	ng		98
34)	C460 Hexachlorobutadiene	8.37	225	99334	40.06	ng		98
35)	E655 Caprolactam	8.82	113	43555	53.96	ng	#	91
36)	C465 4-Chloro-3-methylphen	9.05	107	169282	40.88	ng		94
37)	C470 2-Methylnaphthalene	9.21	142	368673	43.61	ng		100
39)	C510 Hexachlorocyclopentad	9.45	237	63513	26.05	ng		94
40)	C515 2,4,6-Trichlorophenol	9.66	196	116787	43.78	ng		96
41)	C520 2,4,5-Trichlorophenol	9.71	196	123575	43.36	ng		93
43)	C525 2-Chloronaphthalene	9.94	162	376577	45.03	ng		94
44)	C811 1,1'-Biphenyl	9.92	154	521057	48.41	ng		98
45)	C530 2-Nitroaniline	10.11	65	118624	38.02	ng	#	70
46)	C540 Acenaphthylene	10.55	152	594458	45.78	ng		99
47)	C535 Dimethylphthalate	10.41	163	443504	44.18	ng		99
48)	C542 2,6-Dinitrotoluene	10.49	165	103942	45.86	ng		91
49)	C550 Acenaphthene	10.81	153	353363	44.62	ng		96
50)	C545 3-Nitroaniline	10.74	138	105420	47.34	ng	#	71
51)	C555 2,4-Dinitrophenol	10.91	184	39723	39.54	ng		85
52)	C565 Dibenzofuran	11.07	168	540842	44.84	ng		94
53)	C570 2,4-Dinitrotoluene	11.10	165	141244	45.12	ng		93
54)	C560 4-Nitrophenol	11.05	109	48584	30.69	ng	#	59
55)	C590 Fluorene	11.57	166	447032	44.55	ng		100
56)	C585 4-Chlorophenyl-phenyl	11.59	204	216106	43.90	ng		86
57)	C580 Diethylphthalate	11.47	149	429612	42.92	ng		97
58)	C620 1,2 diphenylhydrazine	11.81	77	488655	39.90	ng		86
59)	C595 4-Nitroaniline	11.64	138	100560	46.86	ng	#	81
61)	C610 4,6-Dinitro-2-methylp	11.69	198	70674	44.07	ng		100
62)	C615 n-Nitrosodiphenylamin	11.77	169	344181	47.67	ng		98
64)	C625 4-Bromophenyl-phenyle	12.24	248	120529	41.57	ng	#	88
65)	C630 Hexachlorobenzene	12.30	284	130674	41.30	ng		84
66)	E510 Atrazine	12.48	200	135253	56.09	ng		92
67)	C635 Pentachlorophenol	12.56	266	58223	36.94	ng		97
68)	C640 Phenanthrene	12.79	178	641069	44.03	ng		98
69)	C645 Anthracene	12.85	178	658025	44.46	ng		98
70)	C647 carbazole	13.05	167	603718	45.45	ng		100
71)	C650 Di-n-butylphthalate	13.45	149	721179	42.98	ng		100
72)	C655 Fluoranthene	14.06	202	711584	43.40	ng		97
74)	C715 Pyrene	14.28	202	724213	43.30	ng		97
75)	C710 benzidine	14.20	184	295312	63.14	ng		99
77)	C720 Butylbenzylphthalate	14.87	149	332458	44.19	ng	#	77
78)	C725 3,3'-Dichlorobenzidin	15.35	252	245694	45.57	ng		97
79)	C730 Benzo[a]anthracene	15.38	228	667546	43.44	ng		99
80)	C735 Chrysene	15.41	228	641200	47.07	ng		99
81)	C740 bis(2-Ethylhexyl)phth	15.38	149	471319	42.99	ng		94
83)	C760 Di-n-octylphthalate	15.91	149	815392	37.85	ng		99
84)	C765 Benzo[b]fluoranthene	16.31	252	707121	41.49	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19592.D
Acq On : 7 Mar 2007 13:29
Sample : SSTD050
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:29:15 2007

Vial: 3
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:29:10 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	16.34	252	624149	39.50	ng	99
86)	C775 Benzo[a]pyrene	16.62	252	652180	42.76	ng	99
87)	C780 Indeno[1,2,3-cd]pyren	17.83	276	691450	40.25	ng	87
88)	C785 Dibenz[a,h]anthracene	17.83	278	596448	40.42	ng	98
89)	C790 Benzo[g,h,i]perylene	18.16	276	590002	42.56	ng	99

(#) = qualifier out of range (m) = manual integration

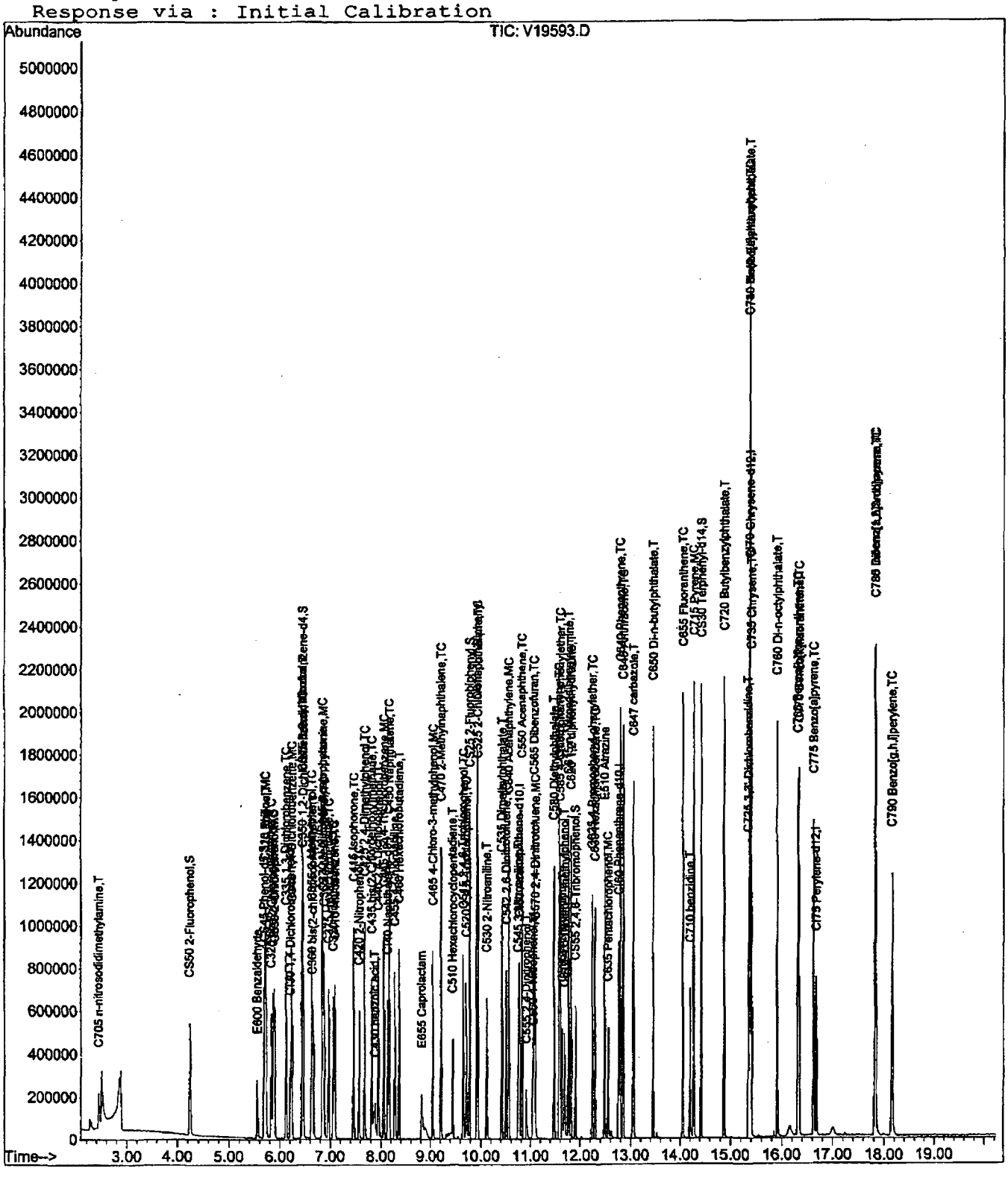
Quantitation Report (Not Reviewed)

Data File : D:\DATA\030707\V19593.D
Acq On : 7 Mar 2007 13:55
Sample : SSTD080
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 8 13:31 2007

Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00

Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:31:11 2007
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\030707\V19593.D Vial: 2
Acq On : 7 Mar 2007 13:55 Operator: MRF
Sample : SSTD080 Inst : HP5973V
Misc : CLP (02/21/07) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 08 13:31:16 2007 Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:31:11 2007
Response via : Initial Calibration
DataAcq Meth : CLP
IS QA File : D:\DATA\030707\V19592.D (7 Mar 2007 13:29)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.21	152	85565	40.00	ng	0.00 77.02%
22) CI40 Naphthalene-d8	8.13	136	340414	40.00	ng	0.00 77.85%
38) CI50 Acenaphthene-d10	10.76	164	212431	40.00	ng	0.00 78.25%
60) CI60 Phenanthrene-d10	12.76	188	375570	40.00	ng	0.00 76.87%
73) CI70 Chrysene-d12	15.39	240	323836	40.00	ng	0.00 67.54%
82) CI75 Perylene-d12	16.67	264	315357	40.00	ng	0.00 69.21%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.24	112	243505	71.17	ng	-0.03
Spiked Amount 150.000	Range 21 - 110		Recovery = 47.45%			
6) CS45 Phenol-d5	5.69	99	303387	70.54	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 47.03%			
7) CS70 2-chlorophenol-d4	5.87	132	244801	74.81	ng	-0.01
Spiked Amount 150.000	Range 33 - 110		Recovery = 49.87%			
13) CS75 1,2-dichlorobenzene-d	6.44	152	159164	72.87	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 72.87%			
23) CS20 Nitrobenzene-d5	7.06	82	287126	64.62	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 64.62%			
42) CS25 2-Fluorobiphenyl	9.78	172	547711	70.81	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 70.81%			
63) CS55 2,4,6-Tribromophenol	11.91	330	77043	68.34	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 45.56%			
76) CS30 Terphenyl-d14	14.43	244	612600	73.83	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 73.83%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.44	74	136708	68.04	ng	99
4) E600 Benzaldehyde	5.56	77	85467	42.28	ng	92
5) C325 bis(2-Chloroethyl)eth	5.83	93	247082	69.28	ng	93
8) C315 Phenol	5.71	94	324200	68.91	ng	77
9) C330 2-Chlorophenol	5.89	128	234915	73.30	ng	87
10) C320 aniline	5.72	93	362656	81.54	ng	# 34
11) C335 1,3-Dichlorobenzene	6.12	146	258659	71.33	ng	99
12) C340 1,4-Dichlorobenzene	6.24	146	267012	72.23	ng	97
14) C350 1,2-Dichlorobenzene	6.46	146	250544	73.23	ng	96
15) C345 Benzyl alcohol	6.44	108	143026	66.04	ng	# 73
16) C360 bis(2-chloroisopropyl	6.65	45	336439	73.72	ng	94
17) C355 2-Methylphenol	6.63	108	216530	72.99	ng	96
18) E145 Acetophenone	6.84	105	367131	73.64	ng	93
19) C375 Hexachloroethane	6.97	117	101505	69.67	ng	96
20) C370 N-Nitroso-di-n-propyl	6.86	70	191785	66.97	ng	# 70
21) C365 4-Methylphenol	6.88	108	222985	72.58	ng	99
24) C410 Nitrobenzene	7.09	77	286986	63.97	ng	82
25) C415 Isophorone	7.46	82	501533	65.75	ng	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19593.D
Acq On : 7 Mar 2007 13:55
Sample : SSTD080
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:31:16 2007

Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:31:11 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C430 benzoic acid	7.88	122	95933	64.90	ng		98
27)	C420 2-Nitrophenol	7.57	139	127938	73.60	ng		80
28)	C425 2,4-Dimethylphenol	7.68	107	242739	69.41	ng		95
29)	C435 bis(2-Chloroethoxy)me	7.82	93	286433	69.41	ng		96
30)	C440 2,4-Dichlorophenol	7.95	162	200665	72.70	ng		96
31)	C445 1,2,4-Trichlorobenzen	8.06	180	219432	71.69	ng		95
32)	C450 Naphthalene	8.16	128	664443	71.26	ng		98
33)	C455 4-Chloroaniline	8.28	127	269507	73.77	ng		99
34)	C460 Hexachlorobutadiene	8.36	225	124001	67.61	ng		98
35)	E655 Caprolactam	8.82	113	53820	90.00	ng		93
36)	C465 4-Chloro-3-methylphen	9.05	107	205807	66.86	ng		90
37)	C470 2-Methylnaphthalene	9.21	142	447606	70.20	ng		98
39)	C510 Hexachlorocyclopentad	9.45	237	85635	51.03	ng		93
40)	C515 2,4,6-Trichlorophenol	9.65	196	142220	70.54	ng		98
41)	C520 2,4,5-Trichlorophenol	9.71	196	147836	68.90	ng		95
43)	C525 2-Chloronaphthalene	9.94	162	456258	71.52	ng		92
44)	C811 1,1'-Biphenyl	9.92	154	627258	75.04	ng		98
45)	C530 2-Nitroaniline	10.12	65	140634	61.37	ng	#	71
46)	C540 Acenaphthylene	10.55	152	716380	72.05	ng		100
47)	C535 Dimethylphthalate	10.41	163	526111	69.49	ng		98
48)	C542 2,6-Dinitrotoluene	10.50	165	123248	71.33	ng		96
49)	C550 Acenaphthene	10.81	153	429242	71.21	ng		98
50)	C545 3-Nitroaniline	10.74	138	129389	75.83	ng	#	71
51)	C555 2,4-Dinitrophenol	10.91	184	51110	67.65	ng		81
52)	C565 Dibenzofuran	11.07	168	657751	71.55	ng		97
53)	C570 2,4-Dinitrotoluene	11.10	165	170729	71.53	ng		98
54)	C560 4-Nitrophenol	11.05	109	57152	50.63	ng	#	61
55)	C590 Fluorene	11.57	166	531060	69.64	ng		97
56)	C585 4-Chlorophenyl-phenyl	11.59	204	258521	69.37	ng		89
57)	C580 Diethylphthalate	11.47	149	512387	67.99	ng		97
58)	C620 1,2 diphenylhydrazine	11.81	77	594879	65.28	ng		86
59)	C595 4-Nitroaniline	11.64	138	118572	72.18	ng		83
61)	C610 4,6-Dinitro-2-methylp	11.69	198	88182	73.47	ng		100
62)	C615 n-Nitrosodiphenylamin	11.77	169	406279	73.72	ng		98
64)	C625 4-Bromophenyl-phenyle	12.24	248	145870	68.16	ng	#	89
65)	C630 Hexachlorobenzene	12.30	284	157974	67.59	ng		85
66)	E510 Atrazine	12.48	200	162827	88.27	ng		90
67)	C635 Pentachlorophenol	12.56	266	72895	64.09	ng		94
68)	C640 Phenanthrene	12.79	178	771946	71.02	ng		99
69)	C645 Anthracene	12.85	178	782291	70.67	ng		99
70)	C647 carbazole	13.05	167	705108	70.56	ng		100
71)	C650 Di-n-butylphthalate	13.45	149	854785	68.47	ng		99
72)	C655 Fluoranthene	14.06	202	820078	67.00	ng		96
74)	C715 Pyrene	14.28	202	824260	75.90	ng		95
75)	C710 benzidine	14.20	184	277359	85.20	ng		96
77)	C720 Butylbenzylphthalate	14.88	149	368387	75.66	ng		85
78)	C725 3,3'-Dichlorobenzidin	15.35	252	246597	70.23	ng		98
79)	C730 Benzo[a]anthracene	15.38	228	697939	69.83	ng		99
80)	C735 Chrysene	15.41	228	664026	73.68	ng		98
81)	C740 bis(2-Ethylhexyl)phth	15.38	149	513477	72.48	ng		93
83)	C760 Di-n-octylphthalate	15.91	149	833967	59.03	ng		99
84)	C765 Benzo[b]fluoranthene	16.31	252	744511	66.38	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19593.D
Acq On : 7 Mar 2007 13:55
Sample : SSTD080
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:31:16 2007

Vial: 2
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:31:11 2007
Response via : Initial Calibration
DataAcq Meth : CLP

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85) C770 Benzo[k]fluoranthene	16.34	252	626794	59.49	ng	99
86) C775 Benzo[a]pyrene	16.63	252	692202	67.86	ng	100
87) C780 Indeno[1,2,3-cd]pyren	17.83	276	879697	75.93	ng	86
88) C785 Dibenz[a,h]anthracene	17.83	278	749562	75.35	ng	96
89) C790 Benzo[g,h,i]perylene	18.16	276	777466	82.19	ng	97

(#) = qualifier out of range (m) = manual integration

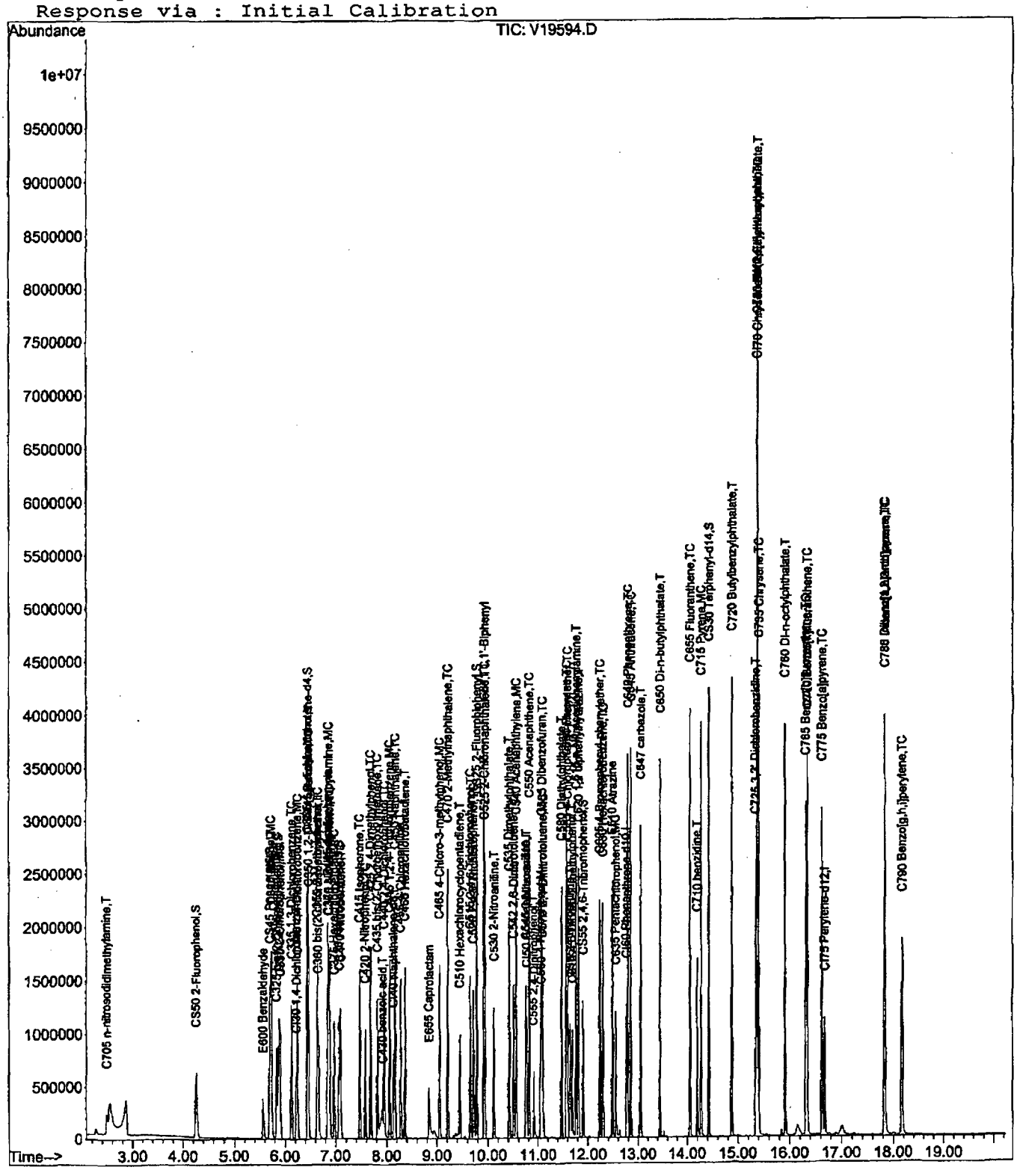
Quantitation Report (Not Reviewed)

Data File : D:\DATA\030707\V19594.D
Acq On : 7 Mar 2007 14:21
Sample : SSTD120
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 8 13:31 2007

Vial: 3
Operator: MRF
Inst : HP5973V
Multiplr: 1.00

Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:31:47 2007
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\030707\V19594.D
Acq On : 7 Mar 2007 14:21
Sample : SSTD120
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:31:52 2007

Vial: 3
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:31:47 2007
Response via : Initial Calibration
DataAcq Meth : CLP
IS QA File : D:\DATA\030707\V19592.D (7 Mar 2007 13:29)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.22	152	110333	40.00	ng	0.01 99.32%
22) CI40 Naphthalene-d8	8.14	136	442741	40.00	ng	0.00 101.25%
38) CI50 Acenaphthene-d10	10.76	164	281247	40.00	ng	0.00 103.60%
60) CI60 Phenanthrene-d10	12.76	188	516332	40.00	ng	0.00 105.68%
73) CI70 Chrysene-d12	15.39	240	492698	40.00	ng	0.00 102.76%
82) CI75 Perylene-d12	16.68	264	463492	40.00	ng	0.00 101.73%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.26	112	447095	104.72	ng	0.03
Spiked Amount 150.000	Range 21 - 110		Recovery = 69.81%			
6) CS45 Phenol-d5	5.71	99	554444	103.29	ng	0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 68.86%			
7) CS70 2-chlorophenol-d4	5.88	132	448242	107.79	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 71.86%			
13) CS75 1,2-dichlorobenzene-d	6.44	152	280174	101.26	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 101.26%			
23) CS20 Nitrobenzene-d5	7.07	82	537262	98.79	ng	0.01
Spiked Amount 100.000	Range 34 - 114		Recovery = 98.79%			
42) CS25 2-Fluorobiphenyl	9.78	172	1015972	102.14	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 102.14%			
63) CS55 2,4,6-Tribromophenol	11.91	330	152146	102.25	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 68.17%			
76) CS30 Terphenyl-d14	14.43	244	1238172	100.22	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 100.22%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.49	74	251262	101.10	ng	98
4) E600 Benzaldehyde	5.57	77	142106	60.06	ng	94
5) C325 bis(2-Chloroethyl)eth	5.84	93	450473	101.50	ng	96
8) C315 Phenol	5.72	94	601632	102.80	ng	72
9) C330 2-Chlorophenol	5.90	128	425144	105.09	ng	86
10) C320 aniline	5.73	93	654187	116.61	ng	# 34
11) C335 1,3-Dichlorobenzene	6.13	146	466493	102.61	ng	99
12) C340 1,4-Dichlorobenzene	6.25	146	477574	102.73	ng	99
14) C350 1,2-Dichlorobenzene	6.47	146	446527	103.14	ng	96
15) C345 Benzyl alcohol	6.46	108	269286	101.39	ng	# 78
16) C360 bis(2-chloroisopropyl	6.66	45	607922	105.45	ng	97
17) C355 2-Methylphenol	6.64	108	395979	105.52	ng	99
18) E145 Acetophenone	6.84	105	675636	107.08	ng	94
19) C375 Hexachloroethane	6.97	117	180104	99.57	ng	98
20) C370 N-Nitroso-di-n-propyl	6.86	70	353894	100.39	ng	# 71
21) C365 4-Methylphenol	6.88	108	413385	106.01	ng	97
24) C410 Nitrobenzene	7.10	77	529982	97.02	ng	79
25) C415 Isophorone	7.47	82	940770	99.98	ng	87

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19594.D
Acq On : 7 Mar 2007 14:21
Sample : SSTD120
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:31:52 2007

Vial: 3
Operator: MRF
Inst : HP5973V
Multiplr: 1.00

Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:31:47 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C430 benzoic acid	7.92	122	235844	130.66	ng		93
27)	C420 2-Nitrophenol	7.58	139	235171	106.72	ng		83
28)	C425 2,4-Dimethylphenol	7.68	107	445302	101.30	ng		97
29)	C435 bis(2-Chloroethoxy)me	7.82	93	529388	102.66	ng		96
30)	C440 2,4-Dichlorophenol	7.95	162	361297	103.26	ng		96
31)	C445 1,2,4-Trichlorobenzen	8.06	180	389975	100.79	ng		96
32)	C450 Naphthalene	8.17	128	1212624	102.77	ng		99
33)	C455 4-Chloroaniline	8.28	127	505586	109.03	ng		97
34)	C460 Hexachlorobutadiene	8.37	225	222205	97.69	ng		99
35)	E655 Caprolactam	8.84	113	129110	141.79	ng	#	94
36)	C465 4-Chloro-3-methylphen	9.06	107	385408	101.73	ng		88
37)	C470 2-Methylnaphthalene	9.22	142	830021	103.58	ng		98
39)	C510 Hexachlorocyclopentad	9.45	237	187211	97.19	ng		95
40)	C515 2,4,6-Trichlorophenol	9.66	196	268118	103.88	ng		94
41)	C520 2,4,5-Trichlorophenol	9.72	196	285051	104.31	ng		97
43)	C525 2-Chloronaphthalene	9.94	162	843397	102.70	ng		93
44)	C811 1,1'-Biphenyl	9.93	154	1172126	107.03	ng		98
45)	C530 2-Nitroaniline	10.13	65	280360	99.50	ng	#	75
46)	C540 Acenaphthylene	10.55	152	1334270	104.22	ng		99
47)	C535 Dimethylphthalate	10.42	163	1018886	105.42	ng		99
48)	C542 2,6-Dinitrotoluene	10.50	165	238164	107.65	ng		97
49)	C550 Acenaphthene	10.81	153	807308	104.18	ng		98
50)	C545 3-Nitroaniline	10.74	138	252563	113.97	ng	#	72
51)	C555 2,4-Dinitrophenol	10.91	184	113888	120.43	ng	#	81
52)	C565 Dibenzofuran	11.08	168	1235749	104.61	ng		93
53)	C570 2,4-Dinitrotoluene	11.10	165	327287	106.69	ng		98
54)	C560 4-Nitrophenol	11.05	109	127174	97.19	ng	#	63
55)	C590 Fluorene	11.58	166	1020246	104.68	ng		99
56)	C585 4-Chlorophenyl-phenyl	11.60	204	489551	102.75	ng		85
57)	C580 Diethylphthalate	11.48	149	975593	102.32	ng		97
58)	C620 1,2 diphenylhydrazine	11.81	77	1129544	98.99	ng		86
59)	C595 4-Nitroaniline	11.65	138	242521	115.51	ng		82
61)	C610 4,6-Dinitro-2-methylp	11.70	198	179441	111.76	ng		100
62)	C615 n-Nitrosodiphenylamin	11.77	169	788379	105.13	ng		100
64)	C625 4-Bromophenyl-phenyle	12.24	248	273386	96.40	ng		90
65)	C630 Hexachlorobenzene	12.30	284	298088	96.78	ng		91
66)	E510 Atrazine	12.49	200	318918	122.92	ng		92
67)	C635 Pentachlorophenol	12.56	266	150515	103.47	ng		98
68)	C640 Phenanthrene	12.80	178	1463408	100.85	ng		99
69)	C645 Anthracene	12.86	178	1511035	102.15	ng		98
70)	C647 carbazole	13.06	167	1403613	104.79	ng		100
71)	C650 Di-n-butylphthalate	13.45	149	1678930	101.59	ng		100
72)	C655 Fluoranthene	14.06	202	1676455	103.51	ng		93
74)	C715 Pyrene	14.28	202	1685919	103.52	ng		93
75)	C710 benzidine	14.20	184	616795	119.77	ng		98
77)	C720 Butylbenzylphthalate	14.88	149	754064	103.69	ng		79
78)	C725 3,3'-Dichlorobenzidin	15.36	252	558270	108.15	ng		99
79)	C730 Benzo[a]anthracene	15.38	228	1486764	101.00	ng		99
80)	C735 Chrysene	15.41	228	1488763	110.62	ng		97
81)	C740 bis(2-Ethylhexyl)phth	15.38	149	1018452	96.95	ng		95
83)	C760 Di-n-octylphthalate	15.92	149	1828421	95.50	ng		98
84)	C765 Benzo[b]fluoranthene	16.32	252	1598726	102.05	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19594.D
Acq On : 7 Mar 2007 14:21
Sample : SSTD120
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:31:52 2007

Vial: 3
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:31:47 2007
Response via : Initial Calibration
DataAcq Meth : CLP

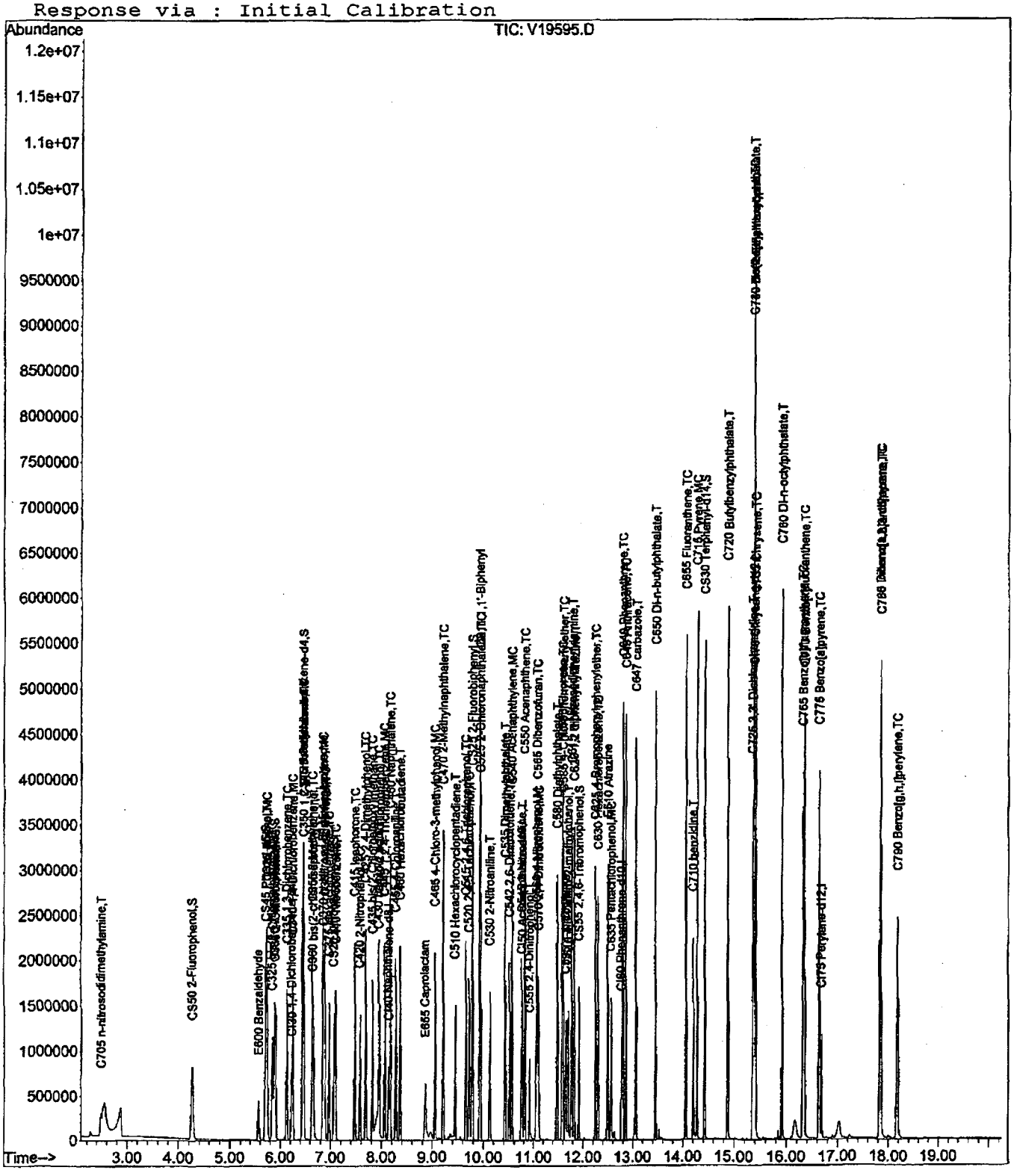
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	16.34	252	1394675	97.27	ng	99
86)	C775 Benzo[a]pyrene	16.63	252	1450747	100.87	ng	99
87)	C780 Indeno[1,2,3-cd]pyren	17.84	276	1552163	92.45	ng	79
88)	C785 Dibenz[a,h]anthracene	17.84	278	1344400	93.40	ng	98
89)	C790 Benzo[g,h,i]perylene	18.17	276	1323423	95.20	ng	98

Data File : D:\DATA\030707\V19595.D
Acq On : 7 Mar 2007 14:47
Sample : SSTD160
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 8 13:36 2007

Vial: 4
Operator: MRF
Inst : HP5973V
Multiplr: 1.00

Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:36:36 2007
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\030707\V19595.D Vial: 4
Acq On : 7 Mar 2007 14:47 Operator: MRF
Sample : SSTD160 Inst : HP5973V
Misc : CLP (02/21/07) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 08 13:36:45 2007 Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:36:36 2007
Response via : Initial Calibration
DataAcq Meth : CLP
IS QA File : D:\DATA\030707\V19592.D (7 Mar 2007 13:29)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.22	152	110048	40.00	ng	0.00 99.06%
22) CI40 Naphthalene-d8	8.14	136	442739	40.00	ng	0.00 101.25%
38) CI50 Acenaphthene-d10	10.77	164	287302	40.00	ng	0.00 105.83%
60) CI60 Phenanthrene-d10	12.76	188	508114	40.00	ng	0.00 104.00%
73) CI70 Chrysene-d12	15.39	240	494096	40.00	ng	0.00 103.05%
82) CI75 Perylene-d12	16.68	264	469898	40.00	ng	0.00 103.13%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.26	112	603028	150.37	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 100.25%			
6) CS45 Phenol-d5	5.71	99	755373	149.96	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 99.97%			
7) CS70 2-chlorophenol-d4	5.88	132	603957	152.11	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 101.41%			
13) CS75 1,2-dichlorobenzene-d	6.45	152	386799	147.97	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 147.97%#			
23) CS20 Nitrobenzene-d5	7.07	82	725307	146.31	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 146.31%#			
42) CS25 2-Fluorobiphenyl	9.78	172	1367304	143.91	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 143.91%#			
63) CS55 2,4,6-Tribromophenol	11.91	330	208254	155.34	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 103.56%			
76) CS30 Terphenyl-d14	14.43	244	1681063	146.71	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 146.71%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.49	74	338799	147.13	ng	99
4) E600 Benzaldehyde	5.57	77	175062	86.55	ng	93
5) C325 bis(2-Chloroethyl)eth	5.85	93	597535	144.17	ng	95
8) C315 Phenol	5.73	94	818036	149.94	ng	# 70
9) C330 2-Chlorophenol	5.90	128	571314	148.60	ng	85
10) C320 aniline	5.73	93	893913	168.02	ng	# 35
11) C335 1,3-Dichlorobenzene	6.13	146	628469	147.01	ng	99
12) C340 1,4-Dichlorobenzene	6.25	146	644024	147.32	ng	99
14) C350 1,2-Dichlorobenzene	6.47	146	602733	147.31	ng	95
15) C345 Benzyl alcohol	6.45	108	367334	150.74	ng	# 77
16) C360 bis(2-chloroisopropyl	6.66	45	807444	146.88	ng	93
17) C355 2-Methylphenol	6.64	108	537636	151.31	ng	97
18) E145 Acetophenone	6.85	105	924200	153.59	ng	93
19) C375 Hexachloroethane	6.97	117	242131	144.10	ng	99
20) C370 N-Nitroso-di-n-propyl	6.87	70	483115	148.93	ng	# 69
21) C365 4-Methylphenol	6.89	108	561155	152.24	ng	99
24) C410 Nitrobenzene	7.10	77	714171	144.41	ng	82
25) C415 Isophorone	7.48	82	1271933	147.54	ng	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19595.D
Acq On : 7 Mar 2007 14:47
Sample : SSTD160
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:36:45 2007

Vial: 4
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:36:36 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C430 benzoic acid	7.94	122	319062	190.03	ng		94
27)	C420 2-Nitrophenol	7.58	139	319912	153.18	ng	#	79
28)	C425 2,4-Dimethylphenol	7.68	107	600368	146.80	ng		95
29)	C435 bis(2-Chloroethoxy)me	7.82	93	719179	149.80	ng		96
30)	C440 2,4-Dichlorophenol	7.95	162	498463	151.46	ng		95
31)	C445 1,2,4-Trichlorobenzen	8.06	180	526776	145.59	ng		97
32)	C450 Naphthalene	8.17	128	1642057	147.88	ng		99
33)	C455 4-Chloroaniline	8.28	127	699266	158.53	ng		100
34)	C460 Hexachlorobutadiene	8.37	225	297295	143.20	ng		98
35)	E655 Caprolactam	8.86	113	183022	210.29	ng	#	94
36)	C465 4-Chloro-3-methylphen	9.06	107	526295	151.10	ng		89
37)	C470 2-Methylnaphthalene	9.22	142	1120460	149.28	ng		97
39)	C510 Hexachlorocyclopentad	9.45	237	267000	165.12	ng		97
40)	C515 2,4,6-Trichlorophenol	9.66	196	367794	149.92	ng		96
41)	C520 2,4,5-Trichlorophenol	9.72	196	388338	148.81	ng		94
43)	C525 2-Chloronaphthalene	9.94	162	1140846	145.06	ng		93
44)	C811 1,1'-Biphenyl	9.93	154	1579740	147.70	ng		99
45)	C530 2-Nitroaniline	10.13	65	381603	146.98	ng	#	68
46)	C540 Acenaphthylene	10.55	152	1816851	147.34	ng		99
47)	C535 Dimethylphthalate	10.42	163	1359061	147.09	ng		99
48)	C542 2,6-Dinitrotoluene	10.50	165	324681	152.24	ng		94
49)	C550 Acenaphthene	10.81	153	1087748	145.99	ng		97
50)	C545 3-Nitroaniline	10.75	138	337999	156.36	ng	#	70
51)	C555 2,4-Dinitrophenol	10.92	184	170793	193.39	ng		84
52)	C565 Dibenzofuran	11.08	168	1660406	146.88	ng		96
53)	C570 2,4-Dinitrotoluene	11.11	165	445356	150.48	ng		93
54)	C560 4-Nitrophenol	11.06	109	173321	152.53	ng	#	36
55)	C590 Fluorene	11.58	166	1383839	148.65	ng		100
56)	C585 4-Chlorophenyl-phenyl	11.60	204	661709	146.03	ng		85
57)	C580 Diethylphthalate	11.48	149	1299236	144.13	ng		97
58)	C620 1,2 diphenylhydrazine	11.82	77	1528444	144.13	ng		86
59)	C595 4-Nitroaniline	11.66	138	332846	161.95	ng	#	81
61)	C610 4,6-Dinitro-2-methylp	11.70	198	258062	174.19	ng		100
62)	C615 n-Nitrosodiphenylamin	11.78	169	1056987	151.18	ng		99
64)	C625 4-Bromophenyl-phenyle	12.25	248	373910	147.29	ng	#	87
65)	C630 Hexachlorobenzene	12.30	284	399170	144.40	ng		83
66)	E510 Atrazine	12.49	200	427468	166.57	ng		93
67)	C635 Pentachlorophenol	12.56	266	214316	167.77	ng		96
68)	C640 Phenanthrene	12.80	178	1950642	147.39	ng		98
69)	C645 Anthracene	12.85	178	2005948	147.92	ng		98
70)	C647 carbazole	13.06	167	1884794	152.06	ng		100
71)	C650 Di-n-butylphthalate	13.45	149	2277501	151.60	ng		100
72)	C655 Fluoranthene	14.06	202	2227390	150.05	ng		95
74)	C715 Pyrene	14.28	202	2283939	149.55	ng		94
75)	C710 benzidine	14.20	184	861274	164.02	ng		98
77)	C720 Butylbenzylphthalate	14.88	149	1016239	148.27	ng	#	78
78)	C725 3,3'-Dichlorobenzidin	15.36	252	770910	157.27	ng		98
79)	C730 Benzo[a]anthracene	15.38	228	2032135	147.99	ng		99
80)	C735 Chrysene	15.41	228	1995213	154.02	ng		98
81)	C740 bis(2-Ethylhexyl)phth	15.38	149	1349456	139.25	ng		95
83)	C760 Di-n-octylphthalate	15.92	149	2488683	144.22	ng		99
84)	C765 Benzo[b]fluoranthene	16.32	252	2004735	138.56	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\030707\V19595.D
Acq On : 7 Mar 2007 14:47
Sample : SSTD160
Misc : CLP (02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 08 13:36:45 2007

Vial: 4
Operator: MRF
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 13:36:36 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	16.35	252	2070252	154.18	ng	99
86)	C775 Benzo[a]pyrene	16.64	252	2005413	148.53	ng	100
87)	C780 Indeno[1,2,3-cd]pyren	17.85	276	2150574	139.60	ng	77
88)	C785 Dibenz[a,h]anthracene	17.85	278	1864557	140.96	ng	96
89)	C790 Benzo[g,h,i]perylene	18.18	276	1814051	140.52	ng	99

(#) = qualifier out of range (m) = manual integration

SEMIVOLATILE 3/90 AND ASP '91
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7C0000652-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Lab File Id: V19717.RR Calibration Date: 03/15/2007 Time: 08:35

Intrument ID: HP5973V Init. Calib. Date(s): 03/07/2007 03/07/2007

Init. Calib. Times: 13:03 14:47

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	1.9020	2.0682	0.8000	-8.700	25.00
Bis(2-chloroethyl) ether	1.4440	1.5477	0.7000	-7.200	25.00
2-Chlorophenol	1.3650	1.4461	0.8000	-5.900	25.00
2-Methylphenol	1.2560	1.3186	0.7000	-5.000	25.00
2,2'-Oxybis(1-Chloropropane)	1.9520	1.9589	0.0100	-0.400	100.00
4-Methylphenol	1.3010	1.3697	0.6000	-5.300	25.00
N-Nitroso-Di-n-propylamine	1.1170	1.1665	0.5000	-4.400	25.00
Acetophenone	2.1460	2.2836	0.0100	-6.400	100.00
Benzaldehyde	0.6560	0.5764	0.0100	12.100	100.00
Caprolactam	0.0790	0.0737	0.0100	6.700	100.00
Biphenyl	1.4590	1.5806	0.0100	-8.300	100.00
Atrazine	0.2150	0.2276	0.0100	-5.900	100.00
Hexachloroethane	0.5830	0.6268	0.3000	-7.500	25.00
Nitrobenzene	0.4180	0.4405	0.2000	-5.400	25.00
Isophorone	0.7380	0.7892	0.4000	-6.900	25.00
2-Nitrophenol	0.1850	0.1987	0.1000	-7.400	25.00
2,4-Dimethylphenol	0.3530	0.3830	0.2000	-8.500	25.00
Bis(2-chloroethoxy) methane	0.4190	0.4448	0.3000	-6.200	25.00
2,4-Dichlorophenol	0.2890	0.3114	0.2000	-7.800	25.00
Naphthalene	0.9710	1.0327	0.7000	-6.400	25.00
4-Chloroaniline	0.3960	0.4222	0.0100	-6.600	100.00
Hexachlorobutadiene	0.1780	0.1885	0.0100	-5.900	100.00
4-Chloro-3-methylphenol	0.3000	0.3203	0.2000	-6.800	25.00
2-Methylnaphthalene	0.6570	0.7045	0.4000	-7.200	25.00
Hexachlorocyclopentadiene	0.1910	0.1558	0.0100	18.400	100.00
2,4,6-Trichlorophenol	0.3290	0.3524	0.2000	-7.100	25.00
2,4,5-Trichlorophenol	0.3470	0.3815	0.2000	-9.900	25.00
2-Chloronaphthalene	1.0540	1.1097	0.8000	-5.300	25.00
2-Nitroaniline	0.3360	0.3534	0.0100	-5.200	100.00
Dimethyl phthalate	1.2400	1.3112	0.0100	-5.700	100.00
Acenaphthylene	1.6600	1.7538	1.3000	-5.600	25.00
2,6-Dinitrotoluene	0.2880	0.2914	0.2000	-1.200	25.00
3-Nitroaniline	0.3020	0.3093	0.0100	-2.400	100.00
Acenaphthene	1.0000	1.0576	0.8000	-5.800	25.00
2,4-Dinitrophenol	0.1300	0.1134	0.0100	12.800	100.00
4-Nitrophenol	0.1450	0.1333	0.0100	8.100	100.00
Dibenzofuran	1.5170	1.6284	0.8000	-7.300	25.00
2,4-Dinitrotoluene	0.4010	0.4070	0.2000	-1.500	25.00
Diethyl phthalate	1.1970	1.2796	0.0100	-6.900	100.00

SEMIVOLATILE 3/90 AND ASP '91
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A7C0000652-1

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: 2204

Lab File Id: V19717.RR Calibration Date: 03/15/2007 Time: 08:35

Intrument ID: HP5973V_____ Init. Calib. Date(s): 03/07/2007 03/07/2007

Init. Calib. Times: 13:03 14:47

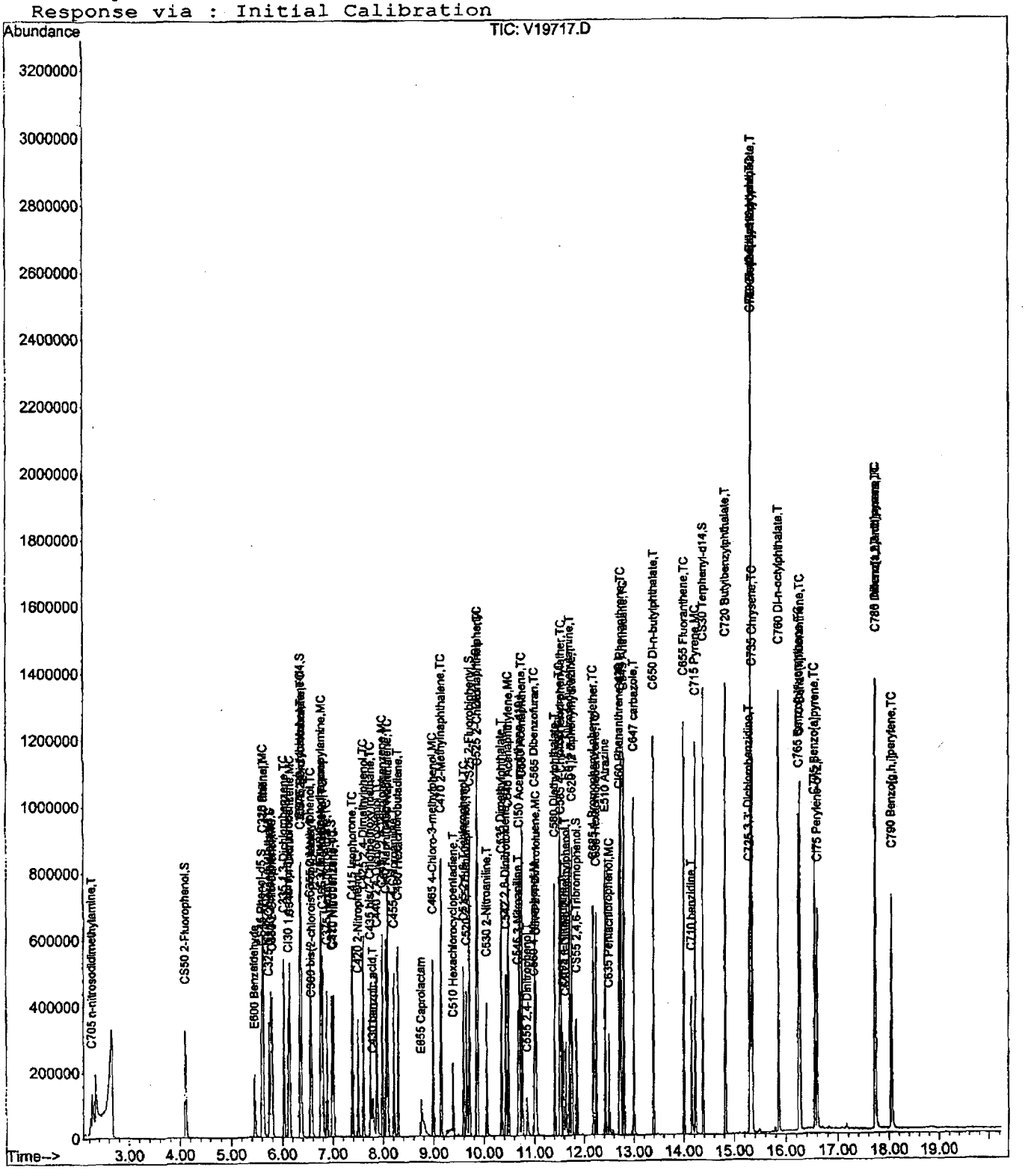
COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
4-Chlorophenyl phenyl ether	0.6060	0.6497	0.4000	-7.200	25.00
Fluorene	1.2480	1.2952	0.9000	-3.800	25.00
4-Nitroaniline	0.2880	0.2677	0.0100	7.000	100.00
4,6-Dinitro-2-methylphenol	0.1190	0.1166	0.0100	2.000	100.00
N-nitrosodiphenylamine	0.5420	0.5741	0.0100	-5.900	100.00
4-Bromophenyl phenyl ether	0.1900	0.1999	0.1000	-5.200	25.00
Hexachlorobenzene	0.2060	0.2111	0.1000	-2.500	25.00
Pentachlorophenol	0.0990	0.0964	0.0500	2.600	25.00
Phenanthrene	1.0050	1.0610	0.7000	-5.600	25.00
Anthracene	1.0340	1.1030	0.7000	-6.700	25.00
Carbazole	0.9520	1.0035	0.0100	-5.400	100.00
Di-n-butyl phthalate	1.1390	1.1967	0.0100	-5.100	100.00
Fluoranthene	1.1210	1.1245	0.6000	-0.300	25.00
Pyrene	1.1920	1.3388	0.6000	-12.300	25.00
Butyl benzyl phthalate	0.5390	0.6171	0.0100	-14.500	100.00
3,3'-Dichlorobenzidine	0.3890	0.4207	0.0100	-8.100	100.00
Benzo(a)anthracene	1.0710	1.1172	0.8000	-4.300	25.00
Chrysene	1.0330	1.1102	0.7000	-7.500	25.00
Bis(2-ethylhexyl) phthalate	0.7440	0.8676	0.0100	-16.600	100.00
Di-n-octyl phthalate	1.3600	1.5866	0.0100	-16.700	100.00
Benzo(b)fluoranthene	1.1680	1.2926	0.7000	-10.700	25.00
Benzo(k)fluoranthene	1.0830	1.1126	0.7000	-2.700	25.00
Benzo(a)pyrene	1.0980	1.1772	0.7000	-7.200	25.00
Indeno(1,2,3-cd)pyrene	1.2070	1.4854	0.5000	-23.100	25.00
Dibenzo(a,h)anthracene	1.0380	1.2626	0.4000	-21.600	25.00
Benzo(ghi)perylene	1.0280	1.3297	0.5000	-29.300	25.00
Nitrobenzene-D5	0.4230	0.4456	0.2000	-5.300	25.00
2-Fluorobiphenyl	1.2690	1.3809	0.7000	-8.800	25.00
p-Terphenyl-d14	0.8820	0.9839	0.5000	-11.600	25.00
Phenol-D5	1.7640	1.8883	0.8000	-7.000	25.00
2-Fluorophenol	1.4080	1.5148	0.6000	-7.600	25.00
2,4,6-Tribromophenol	0.1010	0.1089	0.0100	-7.800	100.00
2-Chlorophenol-d4	1.4220	1.5154	0.8000	-6.600	25.00
1,2-Dichlorobenzene-d4	0.9270	0.9661	0.4000	-4.200	25.00

Data File : D:\DATA\031507\V19717.D
Acq On : 15 Mar 2007 8:35
Sample : SSTD050
Misc : CLPA(02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 15 10:44 2007

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 14:07:45 2007
Response via : Initial Calibration



Quantitation Report

Data File : D:\DATA\031507\V19717.D Vial: 2
Acq On : 15 Mar 2007 8:35 Operator: MD
Sample : SSTD050 Inst : HP5973V
Misc : CLPA(02/21/07) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Mar 15 10:44:51 2007 Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 14:07:45 2007
Response via : Initial Calibration
DataAcq Meth : CLP
IS QA File : D:\DATA\030707\V19592.D (7 Mar 2007 13:29)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	80681	40.00	ng		-0.10 72.63%
22) CI40 Naphthalene-d8	8.06	136	316639	40.00	ng		-0.08 72.41%
38) CI50 Acenaphthene-d10	10.69	164	197366	40.00	ng		-0.07 72.70%
60) CI60 Phenanthrene-d10	12.71	188	348790	40.00	ng		-0.06 71.39%
73) CI70 Chrysene-d12	15.33	240	296869	40.00	ng		-0.06 61.91%
82) CI75 Perylene-d12	16.60	264	266616	40.00	ng		-0.08 58.52%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	4.10	112	152769	53.79	ng		-0.17
Spiked Amount 150.000	Range 21 - 110		Recovery = 35.86%				
6) CS45 Phenol-d5	5.59	99	190436	53.52	ng		-0.10
Spiked Amount 150.000	Range 10 - 110		Recovery = 35.68%				
7) CS70 2-chlorophenol-d4	5.77	132	152831	53.29	ng		-0.11
Spiked Amount 150.000	Range 33 - 110		Recovery = 35.53%				
13) CS75 1,2-dichlorobenzene-d	6.35	152	97437	52.10	ng		-0.09
Spiked Amount 100.000	Range 16 - 110		Recovery = 52.10%				
23) CS20 Nitrobenzene-d5	6.98	82	176351	52.67	ng		-0.09
Spiked Amount 100.000	Range 34 - 114		Recovery = 52.67%				
42) CS25 2-Fluorobiphenyl	9.71	172	340688	54.39	ng		-0.06
Spiked Amount 100.000	Range 43 - 116		Recovery = 54.39%				
63) CS55 2,4,6-Tribromophenol	11.85	330	47467	54.01	ng		-0.06
Spiked Amount 150.000	Range 10 - 123		Recovery = 36.01%				
76) CS30 Terphenyl-d14	14.37	244	365126	55.78	ng		-0.05
Spiked Amount 100.000	Range 33 - 141		Recovery = 55.78%				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	2.26	74	85769	52.85	ng		100
4) E600 Benzaldehyde	5.46	77	58126	43.92	ng		94
5) C325 bis(2-Chloroethyl)eth	5.73	93	156092	53.59	ng		95
8) C315 Phenol	5.62	94	208584	54.38	ng	#	65
9) C330 2-Chlorophenol	5.80	128	145836	52.99	ng		83
10) C320 aniline	5.62	93	233190	54.93	ng	#	37
11) C335 1,3-Dichlorobenzene	6.03	146	162635	53.66	ng		98
12) C340 1,4-Dichlorobenzene	6.15	146	160986	51.95	ng		97
14) C350 1,2-Dichlorobenzene	6.37	146	153826	52.99	ng		97
15) C345 Benzyl alcohol	6.36	108	88232	52.73	ng	#	78
16) C360 bis(2-chloroisopropyl	6.58	45	197553	50.18	ng		91
17) C355 2-Methylphenol	6.55	108	132985	52.48	ng		94
18) E145 Acetophenone	6.75	105	230299	53.19	ng		90
19) C375 Hexachloroethane	6.88	117	63210	53.78	ng		96
20) C370 N-Nitroso-di-n-propyl	6.77	70	117644	52.20	ng	#	69
21) C365 4-Methylphenol	6.80	108	138131	52.66	ng		99
24) C410 Nitrobenzene	7.01	77	174339	52.65	ng		81
25) C415 Isophorone	7.39	82	312354	53.46	ng		89

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\031507\V19717.D
Acq On : 15 Mar 2007 8:35
Sample : SSTD050
Misc : CLPA(02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 15 10:44:51 2007

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 14:07:45 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
26)	C430 benzoic acid	7.80	122	63679	54.80	ng		97
27)	C420 2-Nitrophenol	7.50	139	78640	53.69	ng		84
28)	C425 2,4-Dimethylphenol	7.61	107	151608	54.27	ng		95
29)	C435 bis(2-Chloroethoxy)me	7.74	93	176032	53.04	ng		96
30)	C440 2,4-Dichlorophenol	7.88	162	123240	53.91	ng		97
31)	C445 1,2,4-Trichlorobenzen	7.98	180	130902	52.39	ng		94
32)	C450 Naphthalene	8.09	128	408727	53.16	ng		99
33)	C455 4-Chloroaniline	8.21	127	167124	53.32	ng		97
34)	C460 Hexachlorobutadiene	8.29	225	74622	53.00	ng		96
35)	E655 Caprolactam	8.75	113	29151	46.69	ng		89
36)	C465 4-Chloro-3-methylphen	8.98	107	126762	53.32	ng		91
37)	C470 2-Methylnaphthalene	9.14	142	278834	53.64	ng		98
39)	C510 Hexachlorocyclopentad	9.38	237	38442	40.84	ng		96
40)	C515 2,4,6-Trichlorophenol	9.59	196	86941	53.63	ng		91
41)	C520 2,4,5-Trichlorophenol	9.65	196	94124	54.79	ng		97
43)	C525 2-Chloronaphthalene	9.87	162	273769	52.65	ng		95
44)	C811 1,1'-Biphenyl	9.85	154	389953	54.16	ng		98
45)	C530 2-Nitroaniline	10.05	65	87180	52.73	ng	#	71
46)	C540 Acenaphthylene	10.48	152	432680	52.83	ng		98
47)	C535 Dimethylphthalate	10.34	163	323483	52.88	ng		98
48)	C542 2,6-Dinitrotoluene	10.43	165	71893	50.61	ng		94
49)	C550 Acenaphthene	10.74	153	260924	52.91	ng		99
50)	C545 3-Nitroaniline	10.67	138	76305	52.27	ng	#	69
51)	C555 2,4-Dinitrophenol	10.85	184	27975	48.18	ng		88
52)	C565 Dibenzofuran	11.00	168	401745	53.66	ng		99
53)	C570 2,4-Dinitrotoluene	11.03	165	100417	50.80	ng		98
54)	C560 4-Nitrophenol	10.99	109	32879	48.65	ng	#	49
55)	C590 Fluorene	11.51	166	319540	51.91	ng		99
56)	C585 4-Chlorophenyl-phenyl	11.53	204	160297	53.64	ng		88
57)	C580 Diethylphthalate	11.41	149	315684	53.43	ng		97
58)	C620 1,2 diphenylhydrazine	11.75	77	361528	52.90	ng		85
59)	C595 4-Nitroaniline	11.57	138	66032	47.49	ng	#	80
61)	C610 4,6-Dinitro-2-methylp	11.63	198	50820	50.62	ng		100
62)	C615 n-Nitrosodiphenylamin	11.70	169	250305	53.00	ng		99
64)	C625 4-Bromophenyl-phenyle	12.18	248	87145	52.50	ng	#	85
65)	C630 Hexachlorobenzene	12.24	284	92045	51.20	ng		85
66)	E510 Atrazine	12.42	200	99235	52.84	ng		92
67)	C635 Pentachlorophenol	12.50	266	42015	51.62	ng		90
68)	C640 Phenanthrene	12.73	178	462600	52.78	ng		100
69)	C645 Anthracene	12.79	178	480876	53.31	ng		99
70)	C647 carbazole	12.99	167	437530	52.70	ng		100
71)	C650 Di-n-butylphthalate	13.39	149	521733	52.53	ng		100
72)	C655 Fluoranthene	14.00	202	490265	50.15	ng		90
74)	C715 Pyrene	14.22	202	496807	56.18	ng		91
75)	C710 benzidine	14.15	184	186474	55.28	ng		99
77)	C720 Butylbenzylphthalate	14.82	149	228997	57.29	ng	#	78
78)	C725 3,3'-Dichlorobenzidin	15.30	252	156100	54.11	ng		99
79)	C730 Benzo[a]anthracene	15.32	228	414596	52.17	ng		99
80)	C735 Chrysene	15.35	228	411966	53.72	ng		98
81)	C740 bis(2-Ethylhexyl)phth	15.32	149	321960	58.33	ng		96
83)	C760 Di-n-octylphthalate	15.85	149	528761	58.33	ng		99
84)	C765 Benzo[b]fluoranthene	16.25	252	430800	55.36	ng		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\031507\V19717.D
Acq On : 15 Mar 2007 8:35
Sample : SSTD050
Misc : CLPA(02/21/07)
MS Integration Params: rteint.p
Quant Time: Mar 15 10:44:51 2007

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 08 14:07:45 2007
Response via : Initial Calibration
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	16.27	252	370789	51.35	ng	99
86)	C775 Benzo[a]pyrene	16.55	252	392333	53.58	ng	98
87)	C780 Indeno[1,2,3-cd]pyren	17.73	276	495028	61.52	ng	85
88)	C785 Dibenz[a,h]anthracene	17.73	278	420778	60.84	ng	97
89)	C790 Benzo[g,h,i]perylene	18.05	276	443146	64.65	ng	100

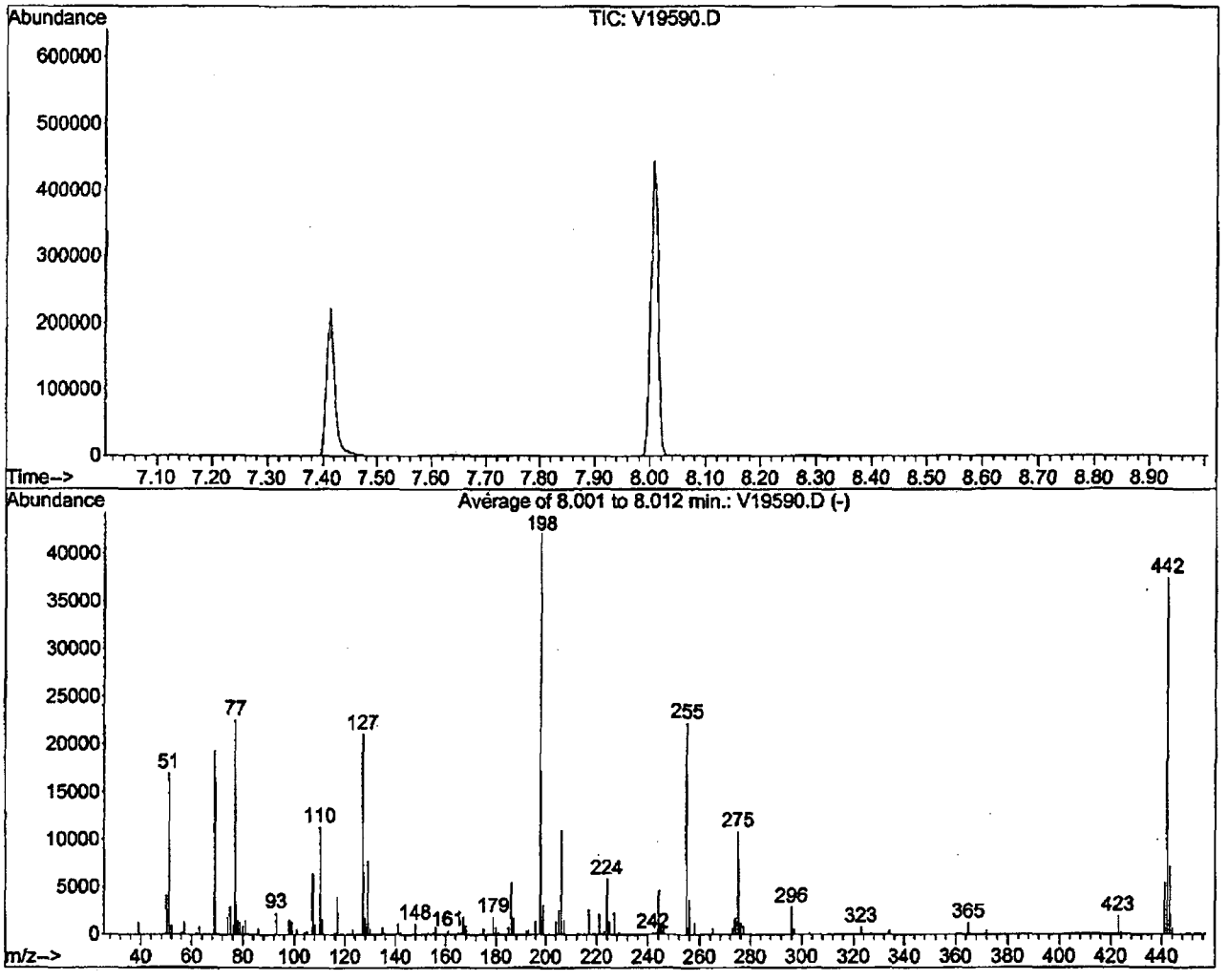
(#) = qualifier out of range (m) = manual integration

Raw QC Data

DFTPP Tune Evaluation

Data File : D:\DATA\030707\V19590.D
Acq On : 7 Mar 2007 12:47
Sample : DFTPP 50NG
Misc : SC26-11J
MS Integration Params: RTEINT.P
Method : C:\MSDCHEM\1\METHODS\8270.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC

Vial: 1
Operator: MRF
Inst : HP5973V
Multiplr: 1.00



Peak Apex is scan: 682 (8.01 min)
Average of 3 scans: 681,682,683 minus background scan 662 (7.90 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	40.1	16939	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	45.8	19363	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	49.8	21072	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	42280	PASS
199	198	5	9	7.3	3106	PASS
275	198	10	30	25.7	10861	PASS
365	198	1	100	2.9	1243	PASS
441	198	0	100	12.9	5443	PASS
442	198	40	110	88.6	37480	PASS
443	442	17	23	19.1	7142	PASS

V19590.D 8270.M Wed Mar 07 12:58:39 2007 HP5973-V

Average of 8.001 to 8.012 min.: V19590.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.15	1306	77.10	22584	105.00	354	130.05	580
50.10	4109	78.10	1525	107.10	6393	135.05	712
51.10	16939	79.05	1288	108.10	1094	141.05	1135
52.10	919	80.05	940	110.10	11342	147.10	220
56.10	254	81.05	1445	111.10	1622	148.05	1136
57.10	1315	86.05	591	116.00	222	155.10	245
63.10	854	93.05	2307	117.05	3935	156.05	746
69.10	19363	98.05	1556	123.10	572	161.00	413
74.10	1865	99.05	1311	127.10	21072	167.10	1849
75.10	2994	101.05	621	128.10	1751	168.05	947
76.10	1035	104.10	223	129.10	7791	175.05	642

Average of 8.001 to 8.012 min.: V19590.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
179.05	1896	204.05	1412	244.10	4609	277.05	860
180.05	807	205.10	2568	245.05	654	296.05	2891
181.10	226	206.10	11030	246.05	1127	297.10	581
185.10	786	207.10	1495	255.05	22219	323.05	806
186.10	5480	217.05	2648	256.10	3667	334.05	430
187.10	1819	221.05	2136	258.05	1251	365.00	1243
192.05	439	223.00	390	265.05	662	371.95	454
193.05	512	224.10	5886	273.00	685	422.95	1956
196.05	1449	225.05	1328	274.05	1679	441.00	5443
198.00	42280	227.00	2268	275.05	10861	442.00	37480
199.05	3106	229.00	280	276.05	1225	443.00	7142

Average of 8.001 to 8.012 min.: V19590.D
DFTPP 50NG
Modified:subtracted

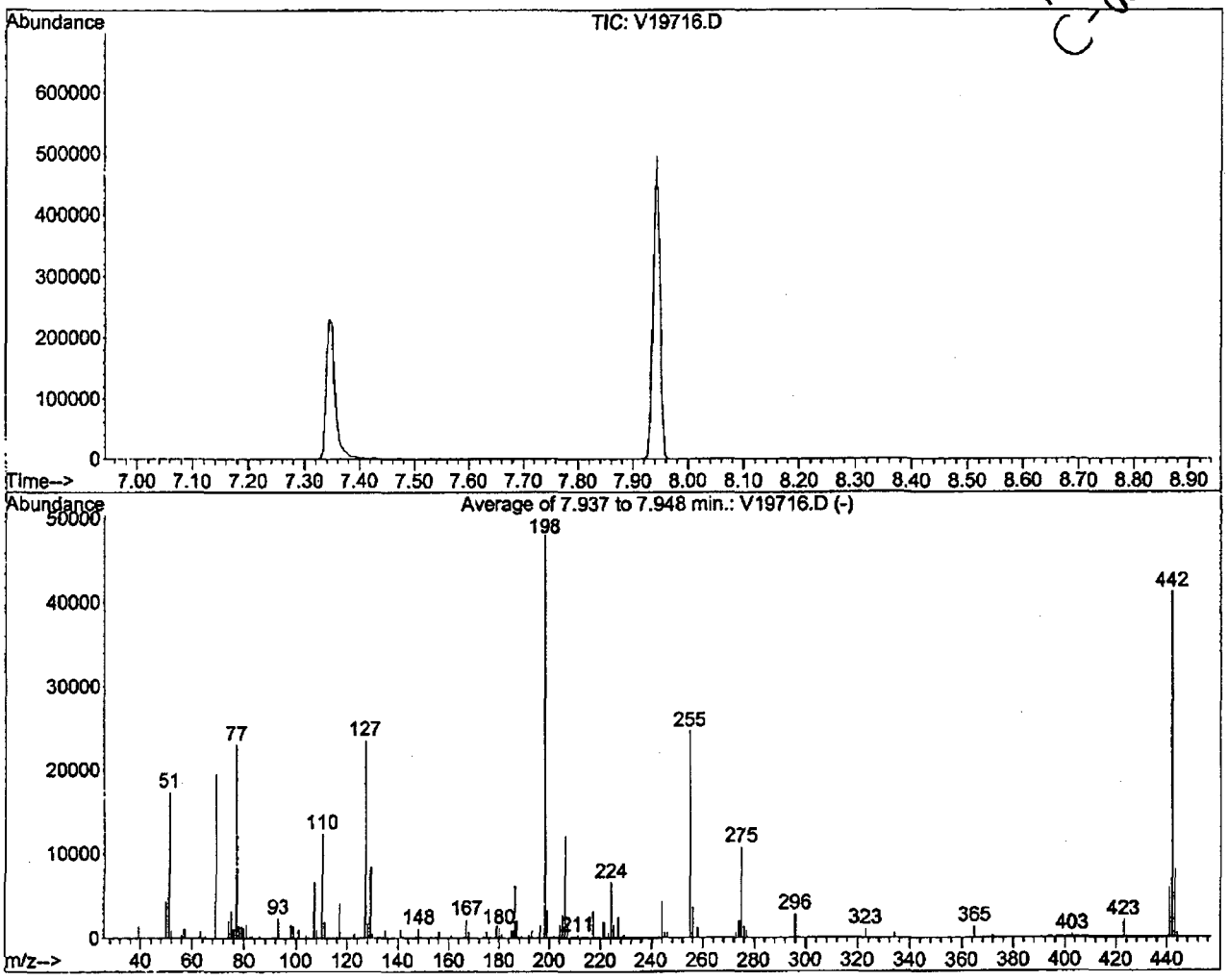
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
443.95	658						

DFTPP Tune Evaluation

Data File : D:\DATA\031507\V19716.D
Acq On : 15 Mar 2007 8:19
Sample : DFTPP 50NG
Misc : SC26-11J
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis

Vial: 1
Operator: MD
Inst : HP5973V
Multiplr: 1.00

T-3006
C-065a



Peak Apex is scan: 670 (7.94 min)
Average of 3 scans: 669,670,671 minus background scan 650 (7.84 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	36.2	17354	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	40.7	19515	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	49.2	23581	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	47949	PASS
199	198	5	9	6.8	3242	PASS
275	198	10	30	22.4	10751	PASS
365	198	1	100	2.8	1343	PASS
441	198	0	100	12.1	5817	PASS
442	198	39	110	85.9	41186	PASS
443	442	17	23	19.3	7949	PASS

V19716.D TUNEQ.M Thu Mar 15 08:30:41 2007 HP5973-V

Average of 7.937 to 7.948 min.: V19716.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.15	1341	77.10	23037	107.10	6696	141.05	1048
50.15	4304	78.10	1511	108.05	925	147.10	325
51.10	17354	79.10	1434	110.10	12384	148.05	1146
52.10	928	80.05	1182	111.10	1858	156.05	840
56.05	439	81.10	1675	117.05	4157	161.10	410
57.10	1176	86.00	294	123.05	542	167.10	2208
63.10	765	93.05	2334	127.10	23581	168.05	756
69.10	19515	98.05	1585	128.10	1695	175.10	799
74.10	2082	99.05	1466	129.10	8456	179.05	1495
75.10	3184	101.10	1056	130.05	522	180.05	1152
76.10	1163	104.00	296	135.05	918	181.10	493

Average of 7.937 to 7.948 min.: V19716.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
185.10	851	207.10	1566	246.05	630	334.05	573
186.10	6128	211.00	281	255.00	24658	364.95	1343
187.10	2089	217.00	3117	256.00	3640	372.00	279
192.00	403	221.05	1926	257.95	1260	402.95	349
193.05	881	223.00	606	272.95	639	422.95	2033
196.05	1459	224.10	6574	274.05	2070	441.00	5817
198.00	47949	225.10	1525	275.00	10751	442.00	41186
199.00	3242	227.00	2455	276.00	1401	443.00	7949
204.05	1590	229.10	427	277.05	868	444.00	643
205.05	2723	244.10	4313	296.00	2803		
206.10	12017	245.05	676	323.10	1051		

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339202

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19719.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	25	U
132-64-9	Dibenzofuran	10	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339202

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19719.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethyl phthalate	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	25	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	3	J
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(ghi)perylene	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339202

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19719.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	10	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

SBLK48

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339202

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19719.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 0

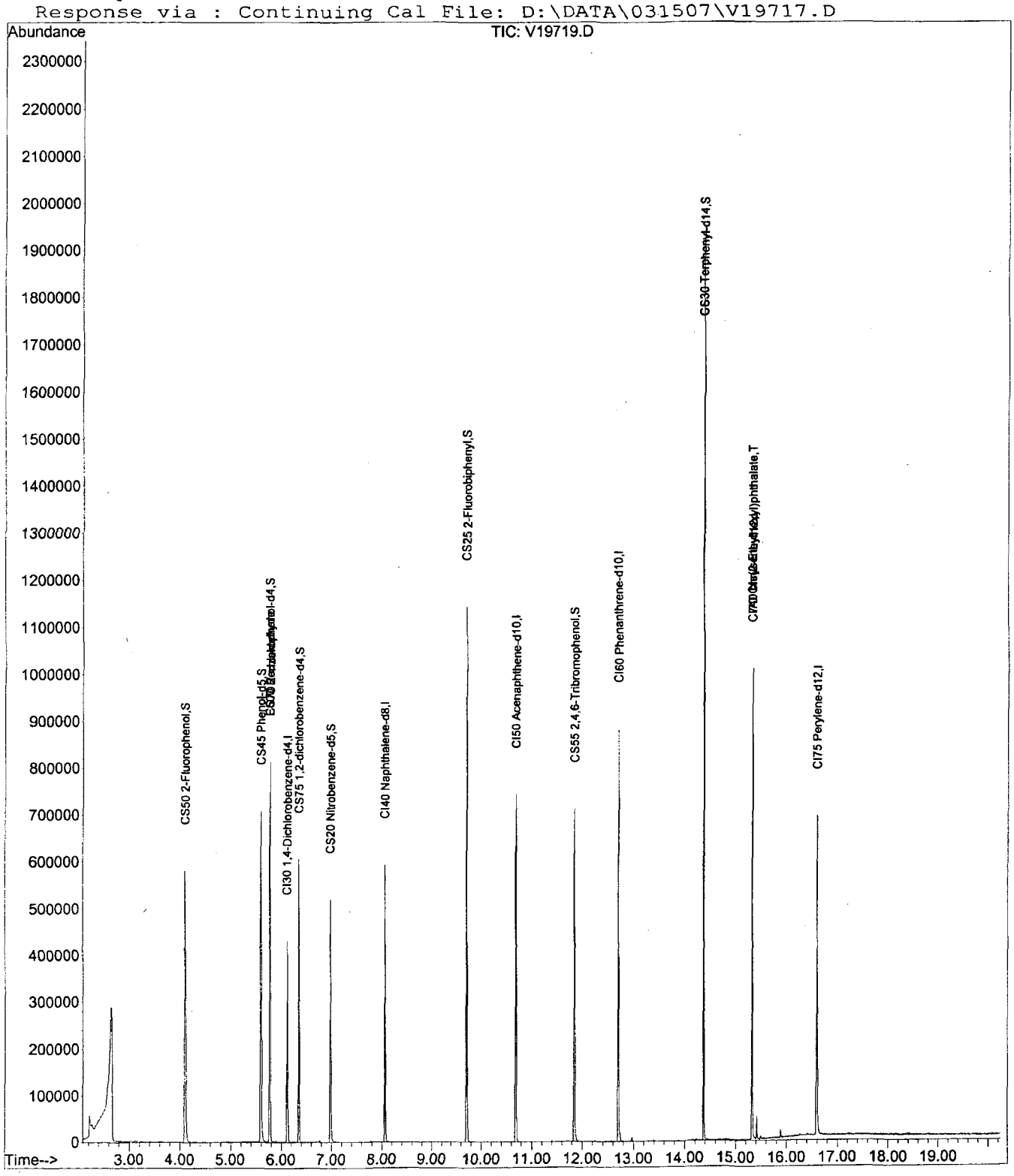
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q

Data File : D:\DATA\031507\V19719.D
Acq On : 15 Mar 2007 9:26
Sample : SBLK48 AW70003690
Misc : 07-2219
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47 2007

Vial: 3
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Continuing Cal File: D:\DATA\031507\V19717.D



Quantitation Report

Data File : D:\DATA\031507\V19719.D
Acq On : 15 Mar 2007 9:26
Sample : SBLK48 AW70003690
Misc : 07-2219
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:31 2007

Vial: 3
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP
IS QA File : D:\DATA\031507\V19717.D (15 Mar 2007 8:35)

SSMD 3/15/07

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	86314	40.00	ng	0.00 106.98%
22) CI40 Naphthalene-d8	8.06	136	340611	40.00	ng	0.00 107.57%
38) CI50 Acenaphthene-d10	10.69	164	211322	40.00	ng	0.00 107.07%
60) CI60 Phenanthrene-d10	12.71	188	367334	40.00	ng	0.00 105.32%
73) CI70 Chrysene-d12	15.33	240	336324	40.00	ng	0.00 113.29%
82) CI75 Perylene-d12	16.60	264	289996	40.00	ng	0.00 108.77%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.10	112	269711	82.51	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 55.01%			
6) CS45 Phenol-d5	5.59	99	340596	83.59	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 55.73%			
7) CS70 2-chlorophenol-d4	5.77	132	287781	88.01	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 58.67%			
13) CS75 1,2-dichlorobenzene-d	6.35	152	115770	55.53	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 55.53%			
23) CS20 Nitrobenzene-d5	6.98	82	224001	59.04	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 59.04%			
42) CS25 2-Fluorobiphenyl	9.71	172	435392	59.68	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 59.68%			
63) CS55 2,4,6-Tribromophenol	11.85	330	95805	95.82	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 63.88%			
76) CS30 Terphenyl-d14	14.37	244	570816	69.00	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 69.00%			

Target Compounds					Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.	
~~4) E600 Benzaldehyde~~	~~5.77~~	~~77~~	~~7693~~	~~6.19 ng~~	~~# 60~~
5) C325 bis(2-Chloroethyl)eth	5.77	93	377	N.D.	
8) C315 Phenol	5.77	94	193	N.D.	
9) C330 2-Chlorophenol	0.00	128	0	N.D.	
10) C320 aniline	0.00	93	0	N.D.	
11) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.	
12) C340 1,4-Dichlorobenzene	6.15	146	262	N.D.	
14) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.	
15) C345 Benzyl alcohol	6.35	108	809	N.D.	
16) C360 bis(2-chloroisopropyl	0.00	45	0	N.D.	
17) C355 2-Methylphenol	0.00	108	0	N.D.	
18) E145 Acetophenone	0.00	105	0	N.D.	
19) C375 Hexachloroethane	0.00	117	0	N.D.	
20) C370 N-Nitroso-di-n-propyl	0.00	70	0	N.D.	
21) C365 4-Methylphenol	0.00	108	0	N.D.	
24) C410 Nitrobenzene	6.98	77	450	N.D.	
25) C415 Isophorone	0.00	82	0	N.D.	

(#) = qualifier out of range (m) = manual integration

DMF 3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19719.D
Acq On : 15 Mar 2007 9:26
Sample : SBLK48 AW70003690
Misc : 07-2219
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:31 2007

Vial: 3
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
26)	C430 benzoic acid	0.00	122	0	N.D.		
27)	C420 2-Nitrophenol	0.00	139	0	N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
31)	C445 1,2,4-Trichlorobenzen	0.00	180	0	N.D.		
32)	C450 Naphthalene	0.00	128	0	N.D.		
33)	C455 4-Chloroaniline	0.00	127	0	N.D.		
34)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
35)	E655 Caprolactam	0.00	113	0	N.D.		
36)	C465 4-Chloro-3-methylphen	0.00	107	0	N.D.		
37)	C470 2-Methylnaphthalene	0.00	142	0	N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
43)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
44)	C811 1,1'-Biphenyl	9.86	154	508	N.D.		
45)	C530 2-Nitroaniline	0.00	65	0	N.D.		
46)	C540 Acenaphthylene	0.00	152	0	N.D.		
47)	C535 Dimethylphthalate	0.00	163	0	N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.		
49)	C550 Acenaphthene	0.00	153	0	N.D.		
50)	C545 3-Nitroaniline	0.00	138	0	N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
52)	C565 Dibenzofuran	0.00	168	0	N.D.		
53)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
54)	C560 4-Nitrophenol	0.00	109	0	N.D.		
55)	C590 Fluorene	0.00	166	0	N.D.		
56)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
57)	C580 Diethylphthalate	0.00	149	0	N.D.		
58)	C620 1,2 diphenylhydrazine	11.84	77	630	N.D.		
59)	C595 4-Nitroaniline	0.00	138	0	N.D.		
61)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
62)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
64)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
65)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
66)	E510 Atrazine	0.00	200	0	N.D.		
67)	C635 Pentachlorophenol	0.00	266	0	N.D.		
68)	C640 Phenanthrene	0.00	178	0	N.D.		
69)	C645 Anthracene	0.00	178	0	N.D.		
70)	C647 carbazole	0.00	167	0	N.D.		
71)	C650 Di-n-butylphthalate	13.39	149	2027	N.D.		
72)	C655 Fluoranthene	0.00	202	0	N.D.		
74)	C715 Pyrene	14.37	202	1396	N.D.		
75)	C710 benzidine	0.00	184	0	N.D.		
77)	C720 Butylbenzylphthalate	0.00	149	0	N.D.		
78)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
79)	C730 Benzo[a]anthracene	15.33	228	448	N.D.		
80)	C735 Chrysene	15.33	228	448	N.D.		
81)	C740 bis(2-Ethylhexyl)phth	15.32	149	43873	6.01	ng	94
83)	C760 Di-n-octylphthalate	15.88	149	1258	N.D.		
84)	C765 Benzo[b]fluoranthene	16.61	252	813	N.D.		

(#) = qualifier out of range (m) = manual integration

3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19719.D
Acq On : 15 Mar 2007 9:26
Sample : SBLK48 AW70003690
Misc : 07-2219
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:31 2007

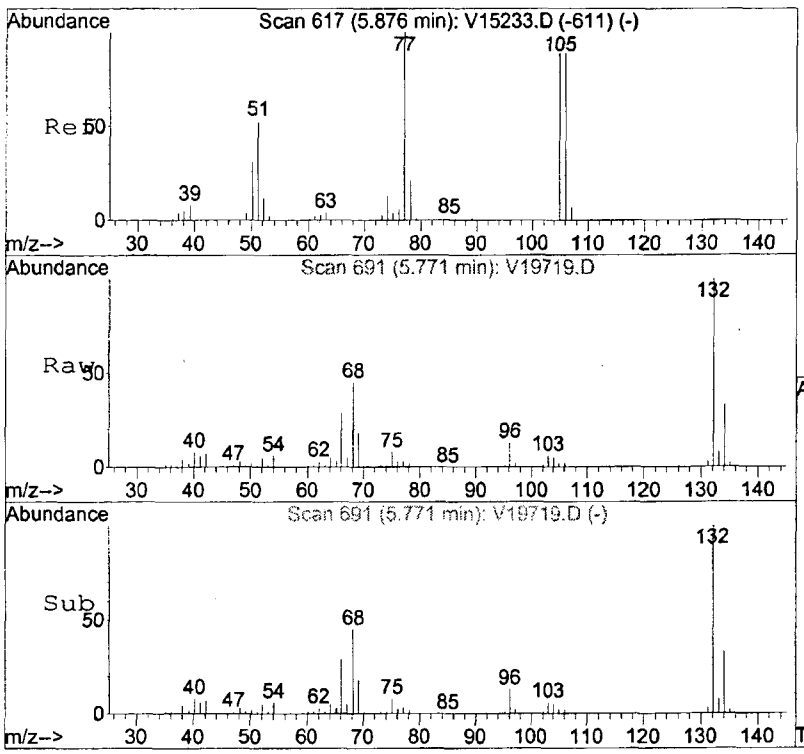
Vial: 3
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	0.00	252	0	N.D.		
86)	C775 Benzo[a]pyrene	16.61	252	813	N.D.		
87)	C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.		
88)	C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.		
89)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

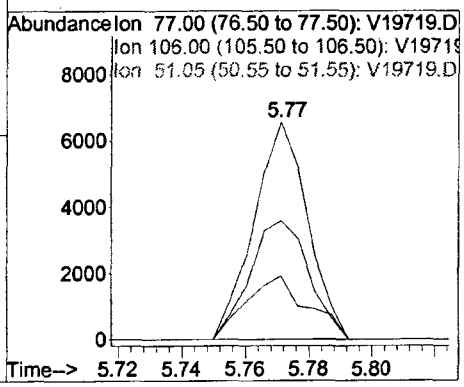
(#) = qualifier out of range (m) = manual integration

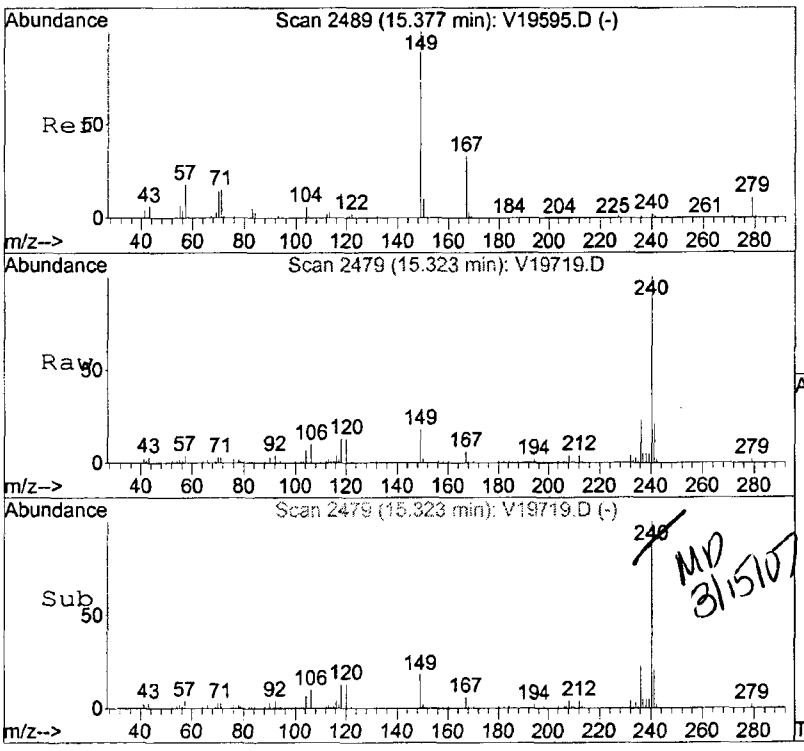
3/19/07



#4
E600 Benzaldehyde
Concen: 6.19 ng
RT: 5.77 min Scan# 691
Delta R.T. 0.32 min
Lab File: V19719.D
Acq: 15 Mar 2007 9:26

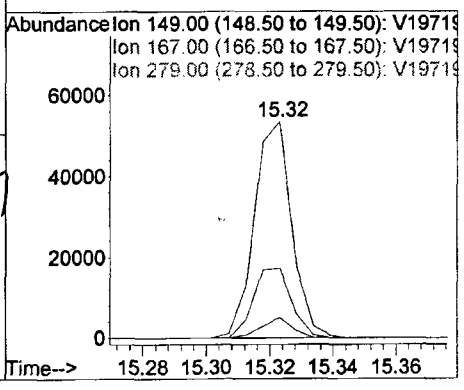
Tgt Ion: 77	Resp:	7693	
Ion	Ratio	Lower	Upper
77	100		
106	60.0	76.2	114.4#
51	33.4	40.2	60.4#





#81
C740 bis(2-Ethylhexyl)phthalate
Concen: 6.01 ng
RT: 15.32 min Scan# 2479
Delta R.T. 0.00 min
Lab File: V19719.D
Acq: 15 Mar 2007 9:26

Tgt Ion:149	Resp:	43873	
Ion	Ratio	Lower	Upper
149	100		
167	32.3	9.8	49.8
279	9.5	0.0	26.1



Tentatively Identified Compound (LSC) summary

Operator ID: MD Date Acquired: 15 Mar 2007 9:26
Data File: D:\DATA\031507\V19719.D
Name: SBLK48 AW70003690
Misc: 07-2219
Method: C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title: CLP BNA Calibration
Library Searched: C:\DATABASE\NIST02.L

					Internal Standard			
TIC	Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339201

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19718.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	49	
111-44-4	Bis(2-chloroethyl) ether	10	U
95-57-8	2-Chlorophenol	56	
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-propylamine	39	
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	Bis(2-chloroethoxy) methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	58	
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	25	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	25	U
131-11-3	Dimethyl phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	25	U
83-32-9	Acenaphthene	40	
51-28-5	2,4-Dinitrophenol	25	U
100-02-7	4-Nitrophenol	69	
132-64-9	Dibenzofuran	10	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339201

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19718.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	42	
84-66-2	Diethyl phthalate	10	U
7005-72-3	4-Chlorophenyl phenyl ether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	25	U
534-52-1	4,6-Dinitro-2-methylphenol	25	U
86-30-6	N-nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl phenyl ether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	76	
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butyl phthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	43	
85-68-7	Butyl benzyl phthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl) phthalate	6	BJ
117-84-0	Di-n-octyl phthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(ghi)perylene	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7B0339201

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: V19718.RR

Level: (low/med) LOW Date Samp/Recv: _____ _____

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

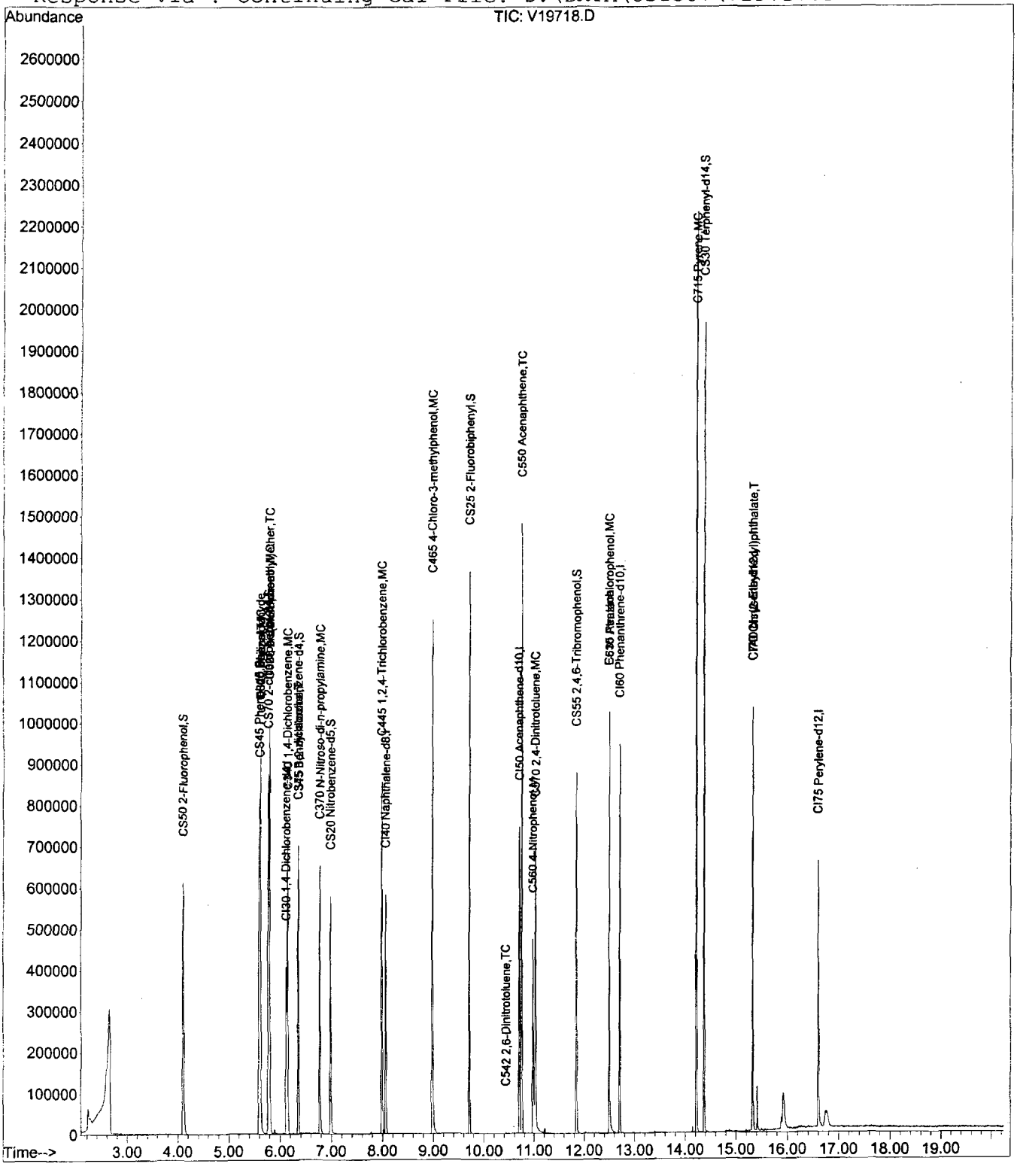
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	10	U

Quantitation Report (Not Reviewed)

Data File : D:\DATA\031507\V19718.D
Acq On : 15 Mar 2007 9:00
Sample : MSB AW70003689
Misc : 07-2219
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47 2007

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Continuing Cal File: D:\DATA\031507\V19717.D



Quantitation Report

Data File : D:\DATA\031507\V19718.D
Acq On : 15 Mar 2007 9:00
Sample : MSB AW70003689
Misc : 07-2219
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:29 2007

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP
IS QA File : D:\DATA\031507\V19717.D (15 Mar 2007 8:35)

SSMD 3/15/07

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	80594	40.00	ng	0.00 99.89%
22) CI40 Naphthalene-d8	8.06	136	328725	40.00	ng	0.00 103.82%
38) CI50 Acenaphthene-d10	10.69	164	198492	40.00	ng	0.00 100.57%
60) CI60 Phenanthrene-d10	12.71	188	353543	40.00	ng	0.00 101.36%
73) CI70 Chrysene-d12	15.33	240	317989	40.00	ng	0.00 107.11%
82) CI75 Perylene-d12	16.60	264	275091	40.00	ng	0.00 103.18%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.10	112	291084	95.37	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	63.58%		
6) CS45 Phenol-d5	5.59	99	370519	97.39	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	64.93%		
7) CS70 2-chlorophenol-d4	5.77	132	309905	101.50	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	67.67%		
13) CS75 1,2-dichlorobenzene-d	6.35	152	133328	68.49	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	68.49%		
23) CS20 Nitrobenzene-d5	6.98	82	249634	68.18	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	68.18%		
42) CS25 2-Fluorobiphenyl	9.71	172	495215	72.27	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	72.27%		
63) CS55 2,4,6-Tribromophenol	11.85	330	113076	117.51	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	78.34%		
76) CS30 Terphenyl-d14	14.37	244	584169	74.68	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	74.68%		

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
~~4) E600 Benzaldehyde~~	~~5.62~~	~~77~~	~~4474~~	~~3.85 ng~~	~~#~~	~~1~~
~~5) C325 bis(2-Chloroethyl)eth~~	~~5.80~~	~~93~~	~~7230~~	~~2.32 ng~~	~~#~~	~~1~~
8) C315 Phenol	5.62	94	408809	98.10 ng		96
9) C330 2-Chlorophenol	5.80	128	325357	111.67 ng		86
~~10) C320 aniline~~	~~5.62~~	~~93~~	~~8372~~	~~1.80 ng~~	~~#~~	~~1~~
11) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) C340 1,4-Dichlorobenzene	6.14	146	224713	69.87 ng		95
14) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
~~15) C345 Benzyl alcohol~~	~~6.35~~	~~108~~	~~1007~~	~~0.57 ng~~	~~#~~	~~1~~
16) C360 bis(2-chloroisopropyl	6.78	45	1204	N.D.		
17) C355 2-Methylphenol	0.00	108	0	N.D.		
18) E145 Acetophenone	0.00	105	0	N.D.		
19) C375 Hexachloroethane	0.00	117	0	N.D.		
20) C370 N-Nitroso-di-n-propyl	6.78	70	184309	78.42 ng	#	67
21) C365 4-Methylphenol	0.00	108	0	N.D.		
24) C410 Nitrobenzene	6.99	77	614	N.D.		
25) C415 Isophorone	0.00	82	0	N.D.		

(#) = qualifier out of range (m) = manual integration

AHB 3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19718.D
Acq On : 15 Mar 2007 9:00
Sample : MSB AW70003689
Misc : 07-2219
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:29 2007

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

MD 3/15/07

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	C430 benzoic acid	7.98	122	556	N.D.		
27)	C420 2-Nitrophenol	0.00	139	0	N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
31)	C445 1,2,4-Trichlorobenzen	7.98	180	187021	68.81 ng		97
32)	C450 Naphthalene	0.00	128	0	N.D.		
33)	C455 4-Chloroaniline	0.00	127	0	N.D.		
34)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
35)	E655 Caprolactam	0.00	113	0	N.D.		
36)	C465 4-Chloro-3-methylphen	8.98	107	308002	117.02 ng		87
37)	C470 2-Methylnaphthalene	9.14	142	173	N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
43)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
44)	C811 1,1'-Biphenyl	9.86	154	486	N.D.		
45)	C530 2-Nitroaniline	0.00	65	0	N.D.		
46)	C540 Acenaphthylene	0.00	152	0	N.D.		
47)	C535 Dimethylphthalate	0.00	163	0	N.D.		
48)	C542 2,6-Dinitrotoluene	10.44	165	1106	0.76 ng	#	79
49)	C550 Acenaphthene	10.74	153	422736	80.55 ng		99
50)	C545 3-Nitroaniline	0.00	138	0	N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
52)	C565 Dibenzofuran	11.21	168	350	N.D.		
53)	C570 2,4-Dinitrotoluene	11.03	165	169806	84.07 ng		95
54)	C560 4-Nitrophenol	10.98	109	90981	137.57 ng	#	71
55)	C590 Fluorene	0.00	166	0	N.D.		
56)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
57)	C580 Diethylphthalate	11.03	149	2792	N.D.		
58)	C620 1,2 diphenylhydrazine	11.84	77	213	N.D.		
59)	C595 4-Nitroaniline	0.00	138	0	N.D.		
61)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
62)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
64)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
65)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
66)	E510 Atrazine	12.50	200	23014	11.44 ng	#	28
67)	C635 Pentachlorophenol	12.50	266	129108	151.58 ng		97
68)	C640 Phenanthrene	0.00	178	0	N.D.		
69)	C645 Anthracene	0.00	178	0	N.D.		
70)	C647 carbazole	0.00	167	0	N.D.		
71)	C650 Di-n-butylphthalate	13.39	149	2035	N.D.		
72)	C655 Fluoranthene	0.00	202	0	N.D.		
74)	C715 Pyrene	14.22	202	918035	86.26 ng		98
75)	C710 benzidine	0.00	184	0	N.D.		
77)	C720 Butylbenzylphthalate	0.00	149	0	N.D.		
78)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
79)	C730 Benzo[a]anthracene	15.33	228	467	N.D.		
80)	C735 Chrysene	15.33	228	467	N.D.		
81)	C740 bis(2-Ethylhexyl)phth	15.32	149	77754	11.27 ng		93
83)	C760 Di-n-octylphthalate	15.88	149	2557	N.D.		
84)	C765 Benzo[b]fluoranthene	16.61	252	653	N.D.		

(#) = qualifier out of range (m) = manual integration

DMS 3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19718.D
Acq On : 15 Mar 2007 9:00
Sample : MSB AW70003689
Misc : 07-2219
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:29 2007

Vial: 2
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	0.00	252	0	N.D.		
86)	C775 Benzo[a]pyrene	16.61	252	653	N.D.		
87)	C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.		
88)	C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.		
89)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration

AWH 3/19/07

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901MS

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19721.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	34	
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	38	
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	27	
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	43	
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	29	
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	46	
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901MS

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19721.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	28	
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	56	
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	28	
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	2	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	U
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901MS

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19721.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

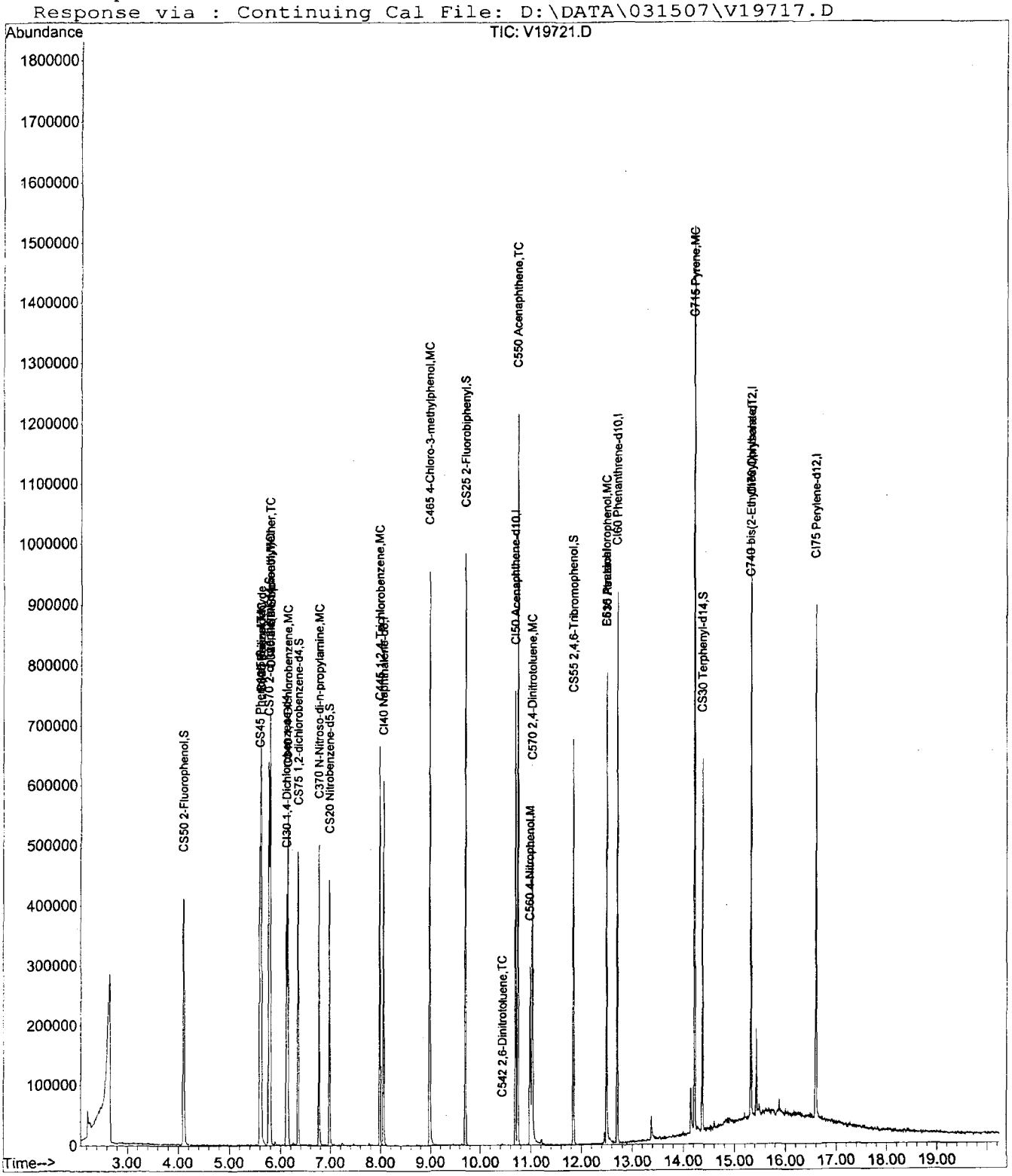
Quantitation Report (Not Reviewed)

Data File : D:\DATA\031507\V19721.D
Acq On : 15 Mar 2007 10:18
Sample : A7221901MS AW70003685
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47 2007

Vial: 5
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Continuing Cal File: D:\DATA\031507\V19717.D



Quantitation Report

Data File : D:\DATA\031507\V19721.D
Acq On : 15 Mar 2007 10:18
Sample : A7221901MS AW70003685
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:35 2007

Vial: 5
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP
IS QA File : D:\DATA\031507\V19717.D (15 Mar 2007 8:35)

SSWD 3/15/07

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	81853	40.00	ng	0.00 101.45%
22) CI40 Naphthalene-d8	8.06	136	332940	40.00	ng	0.00 105.15%
38) CI50 Acenaphthene-d10	10.69	164	204283	40.00	ng	0.00 103.50%
60) CI60 Phenanthrene-d10	12.71	188	346402	40.00	ng	0.00 99.32%
73) CI70 Chrysene-d12	15.33	240	308284	40.00	ng	0.00 103.85%
82) CI75 Perylene-d12	16.60	264	325705	40.00	ng	0.00 122.16%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.10	112	203176	65.55	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 43.70%			
6) CS45 Phenol-d5	5.60	99	268589	69.51	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 46.34%			
7) CS70 2-chlorophenol-d4	5.77	132	225043	72.57	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 48.38%			
13) CS75 1,2-dichlorobenzene-d	6.35	152	97653	49.39	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 49.39%			
23) CS20 Nitrobenzene-d5	6.98	82	188245	50.76	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 50.76%			
42) CS25 2-Fluorobiphenyl	9.71	172	373993	53.03	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 53.03%			
63) CS55 2,4,6-Tribromophenol	11.85	330	83462	88.52	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 59.01%			
76) CS30 Terphenyl-d14	14.37	244	164432	21.68	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 21.68%#			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
~~4) E600 Benzaldehyde~~	~~5.62~~	~~77~~	~~2708~~	~~2.30 ng~~	~~#~~	~~1~~
~~5) C325 bis(2-Chloroethyl)eth~~	~~5.80~~	~~93~~	~~5299~~	~~1.67 ng~~	~~#~~	~~1~~
8) C315 Phenol	5.62	94	300736	71.06	ng	95
9) C330 2-Chlorophenol	5.80	128	241214	81.52	ng	84
~~10) C320 aniline~~	~~5.62~~	~~93~~	~~6256~~	~~1.32 ng~~	~~#~~	~~1~~
11) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) C340 1,4-Dichlorobenzene	6.15	146	171538	52.51	ng	96
14) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
15) C345 Benzyl alcohol	6.35	108	456	N.D.		
16) C360 bis(2-chloroisopropyl	6.56	45	167	N.D.		
17) C355 2-Methylphenol	0.00	108	0	N.D.		
18) E145 Acetophenone	0.00	105	0	N.D.		
19) C375 Hexachloroethane	0.00	117	0	N.D.		
20) C370 N-Nitroso-di-n-propyl	6.77	70	138951	58.21	ng	# 67
21) C365 4-Methylphenol	0.00	108	0	N.D.		
24) C410 Nitrobenzene	6.97	77	191	N.D.		
25) C415 Isophorone	0.00	82	0	N.D.		

(#) = qualifier out of range (m) = manual integration

AWB 3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19721.D
Acq On : 15 Mar 2007 10:18
Sample : A7221901MS AW70003685
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:35 2007

Vial: 5
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

MP 3/15/07

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	C430 benzoic acid	7.98	122	200	N.D.		
27)	C420 2-Nitrophenol	0.00	139	0	N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
31)	C445 1,2,4-Trichlorobenzen	7.98	180	143061	51.97 ng		96
32)	C450 Naphthalene	0.00	128	0	N.D.		
33)	C455 4-Chloroaniline	0.00	127	0	N.D.		
34)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
35)	E655 Caprolactam	0.00	113	0	N.D.		
36)	C465 4-Chloro-3-methylphen	8.98	107	244218	91.61 ng		90
37)	C470 2-Methylnaphthalene	9.08	142	586	N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
43)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
44)	C811 1,1'-Biphenyl	9.71	154	439	N.D.		
45)	C530 2-Nitroaniline	0.00	65	0	N.D.		
46)	C540 Acenaphthylene	0.00	152	0	N.D.		
47)	C535 Dimethylphthalate	10.35	163	388	N.D.		
~~48)~~	~~C542 2,6-Dinitrotoluene~~	~~10.43~~	~~165~~	~~918~~	~~0.62 ng~~	~~#~~	~~69~~
49)	C550 Acenaphthene	10.74	153	335317	62.08 ng		99
50)	C545 3-Nitroaniline	0.00	138	0	N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
52)	C565 Dibenzofuran	11.21	168	365	N.D.		
53)	C570 2,4-Dinitrotoluene	11.03	165	125268	60.26 ng		97
54)	C560 4-Nitrophenol	10.98	109	66549	97.78 ng	#	69
55)	C590 Fluorene	0.00	166	0	N.D.		
56)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
57)	C580 Diethylphthalate	11.41	149	204	N.D.		
58)	C620 1,2 diphenylhydrazine	11.75	77	168	N.D.		
59)	C595 4-Nitroaniline	0.00	138	0	N.D.		
61)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
62)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
64)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
65)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
~~66)~~	~~E510 Atrazine~~	~~12.50~~	~~200~~	~~17305~~	~~8.78 ng~~	~~#~~	~~28~~
67)	C635 Pentachlorophenol	12.50	266	99248	118.92 ng		94
68)	C640 Phenanthrene	12.73	178	498	N.D.		
69)	C645 Anthracene	12.73	178	498	N.D.		
70)	C647 carbazole	13.36	167	170	N.D.		
71)	C650 Di-n-butylphthalate	13.39	149	1994	N.D.		
72)	C655 Fluoranthene	14.00	202	387	N.D.		
74)	C715 Pyrene	14.22	202	611543	59.27 ng		93
75)	C710 benzidine	0.00	184	0	N.D.		
77)	C720 Butylbenzylphthalate	14.82	149	1315	N.D.		
78)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
79)	C730 Benzo[a]anthracene	15.33	228	966	N.D.		
80)	C735 Chrysene	15.33	228	966	N.D.		
81)	C740 bis(2-Ethylhexyl)phth	15.32	149	24675	3.69 ng		98
83)	C760 Di-n-octylphthalate	16.09	149	3231	N.D.		
84)	C765 Benzo[b]fluoranthene	16.60	252	928	N.D.		

(#) = qualifier out of range (m) = manual integration

MP 3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19721.D
Acq On : 15 Mar 2007 10:18
Sample : A7221901MS AW70003685
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 10:47:35 2007

Vial: 5
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	0.00	252	0	N.D.		
86)	C775 Benzo[a]pyrene	16.60	252	928	N.D.		
87)	C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.		
88)	C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.		
89)	C790 Benzo[g,h,i]perylene	18.04	276	349	N.D.		

(#) = qualifier out of range (m) = manual integration

3/19/07

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901SD

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19722.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	45	
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	51	
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	35	
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	55	
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	37	
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	59	
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901SD

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19722.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	36	
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	70	
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	31	
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	2	BJ
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	U
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901SD

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19722.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

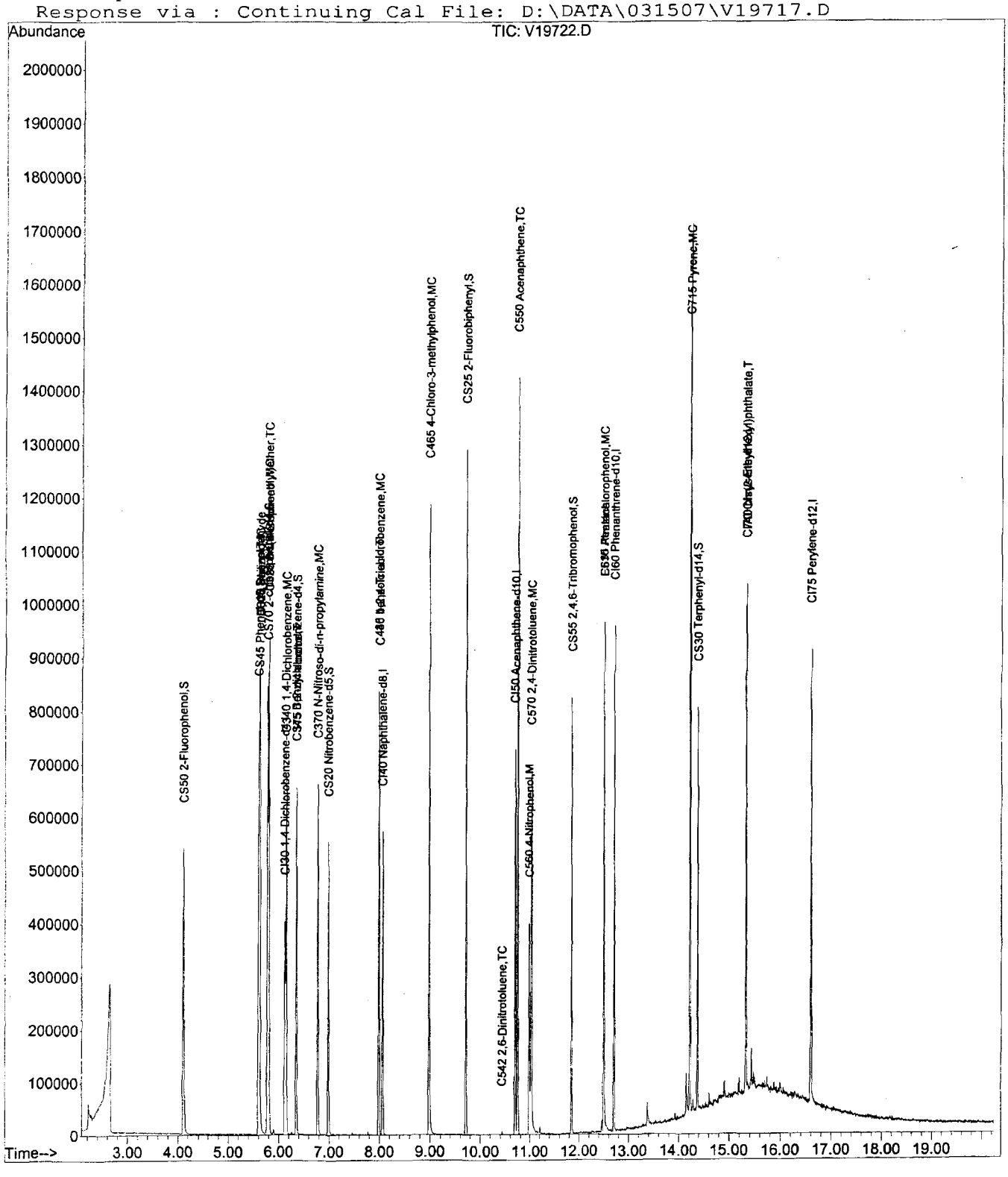
Quantitation Report (Not Reviewed)

Data File : D:\DATA\031507\V19722.D
Acq On : 15 Mar 2007 10:44
Sample : A7221901SD AW70003686
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34 2007

Vial: 6
Operator: MD
Inst : HP5973V
Multiplr: 1.00

Quant Results File: CLPV.RES

Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Continuing Cal File: D:\DATA\031507\V19717.D



Quantitation Report

Data File : D:\DATA\031507\V19722.D
Acq On : 15 Mar 2007 10:44
Sample : A7221901SD AW70003686
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34:19 2007

Vial: 6
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP
IS QA File : D:\DATA\031507\V19717.D (15 Mar 2007 8:35)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.12	152	81388	40.00	ng	0.00 100.88%
22) CI40 Naphthalene-d8	8.06	136	325836	40.00	ng	0.00 102.90%
38) CI50 Acenaphthene-d10	10.69	164	198438	40.00	ng	0.00 100.54%
60) CI60 Phenanthrene-d10	12.71	188	344195	40.00	ng	0.00 98.68%
73) CI70 Chrysene-d12	15.33	240	306507	40.00	ng	0.00 103.25%
82) CI75 Perylene-d12	16.60	264	339511	40.00	ng	0.00 127.34%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	4.10	112	274310	89.00	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 59.33%			
6) CS45 Phenol-d5	5.60	99	362193	94.27	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 62.85%			
7) CS70 2-chlorophenol-d4	5.78	132	303601	98.46	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 65.64%			
13) CS75 1,2-dichlorobenzene-d	6.35	152	123777	62.96	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 62.96%			
23) CS20 Nitrobenzene-d5	6.98	82	244499	67.37	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 67.37%			
42) CS25 2-Fluorobiphenyl	9.71	172	475068	69.35	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 69.35%			
63) CS55 2,4,6-Tribromophenol	11.85	330	102221	109.11	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 72.74%			
76) CS30 Terphenyl-d14	14.37	244	201094	26.67	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 26.67%#			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	0	N.D.		
4) E600 Benzaldehyde	5.62	77	3932	3.35	ng #	1
5) C325 bis(2-Chloroethyl)eth	5.80	93	6838	2.17	ng #	1
8) C315 Phenol	5.62	94	400669	95.21	ng	94
9) C330 2-Chlorophenol	5.80	128	319513	108.59	ng	85
10) C320 aniline	5.62	93	7243	1.54	ng #	1
11) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
12) C340 1,4-Dichlorobenzene	6.15	146	211079	64.99	ng	99
14) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
15) C345 Benzyl alcohol	6.35	108	1052	0.59	ng #	1
16) C360 bis(2-chloroisopropyl	6.77	45	1134	N.D.		
17) C355 2-Methylphenol	0.00	108	0	N.D.		
18) E145 Acetophenone	0.00	105	0	N.D.		
19) C375 Hexachloroethane	0.00	117	0	N.D.		
20) C370 N-Nitroso-di-n-propyl	6.78	70	178253	75.10	ng #	70
21) C365 4-Methylphenol	0.00	108	0	N.D.		
24) C410 Nitrobenzene	6.98	77	506	N.D.		
25) C415 Isophorone	0.00	82	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\DATA\031507\V19722.D
Acq On : 15 Mar 2007 10:44
Sample : A7221901SD AW70003686
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34:19 2007

Vial: 6
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

MM 3/15/07

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
26)	C430 benzoic acid	7.98	122	1143	0.87 ng	#	1
27)	C420 2-Nitrophenol	0.00	139	0	N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93	0	N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162	0	N.D.		
31)	C445 1,2,4-Trichlorobenzen	7.98	180	183260	68.02 ng		97
32)	C450 Naphthalene	0.00	128	0	N.D.		
33)	C455 4-Chloroaniline	0.00	127	0	N.D.		
34)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
35)	E655 Caprolactam	0.00	113	0	N.D.		
36)	C465 4-Chloro-3-methylphen	8.98	107	305846	117.23 ng		91
37)	C470 2-Methylnaphthalene	9.14	142	165	N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237	0	N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
43)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
44)	C811 1,1'-Biphenyl	9.86	154	371	N.D.		
45)	C530 2-Nitroaniline	0.00	65	0	N.D.		
46)	C540 Acenaphthylene	0.00	152	0	N.D.		
47)	C535 Dimethylphthalate	10.34	163	512	N.D.		
48)	C542 2,6-Dinitrotoluene	10.43	165	1392	0.96 ng	#	78
49)	C550 Acenaphthene	10.74	153	413487	78.81 ng		98
50)	C545 3-Nitroaniline	10.74	138	205	N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
52)	C565 Dibenzofuran	11.20	168	661	N.D.		
53)	C570 2,4-Dinitrotoluene	11.03	165	155501	77.01 ng		92
54)	C560 4-Nitrophenol	10.99	109	83043	125.60 ng	#	74
55)	C590 Fluorene	0.00	166	0	N.D.		
56)	C585 4-Chlorophenyl-phenyl	0.00	204	0	N.D.		
57)	C580 Diethylphthalate	11.40	149	376	N.D.		
58)	C620 1,2 diphenylhydrazine	11.70	77	169	N.D.		
59)	C595 4-Nitroaniline	0.00	138	0	N.D.		
61)	C610 4,6-Dinitro-2-methylp	0.00	198	0	N.D.		
62)	C615 n-Nitrosodiphenylamin	0.00	169	0	N.D.		
64)	C625 4-Bromophenyl-phenyle	0.00	248	0	N.D.		
65)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
66)	E510 Atrazine	12.50	200	21566	11.01 ng	#	28
67)	C635 Pentachlorophenol	12.50	266	124016	149.56 ng		97
68)	C640 Phenanthrene	12.74	178	415	N.D.		
69)	C645 Anthracene	12.74	178	415	N.D.		
70)	C647 carbazole	12.97	167	182	N.D.		
71)	C650 Di-n-butylphthalate	13.39	149	1957	N.D.		
72)	C655 Fluoranthene	0.00	202	0	N.D.		
74)	C715 Pyrene	14.22	202	684449	66.72 ng		99
75)	C710 benzidine	0.00	184	0	N.D.		
77)	C720 Butylbenzylphthalate	14.82	149	1433	N.D.		
78)	C725 3,3'-Dichlorobenzidin	0.00	252	0	N.D.		
79)	C730 Benzo[a]anthracene	15.33	228	1464	N.D.		
80)	C735 Chrysene	15.33	228	1464	N.D.		
81)	C740 bis(2-Ethylhexyl)phth	15.32	149	34174	5.14 ng		88
83)	C760 Di-n-octylphthalate	16.17	149	885	N.D.		
84)	C765 Benzo[b]fluoranthene	16.25	252	175	N.D.		

(#) = qualifier out of range (m) = manual integration

AMS 3/19/07

Quantitation Report

Data File : D:\DATA\031507\V19722.D
Acq On : 15 Mar 2007 10:44
Sample : A7221901SD AW70003686
Misc :
MS Integration Params: rteint.p
Quant Time: Mar 15 12:34:19 2007

Vial: 6
Operator: MD
Inst : HP5973V
Multiplr: 1.00
Quant Results File: CLPV.RES

Quant Method : C:\MSDCHEM\1\METHODS\CLPV.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Thu Mar 15 10:47:08 2007
Response via : Single (D:\DATA\031507\V19717.D 15 Mar 2007 8:35)
DataAcq Meth : CLP

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85)	C770 Benzo[k]fluoranthene	16.25	252	175	N.D.		
86)	C775 Benzo[a]pyrene	16.60	252	1009	N.D.		
87)	C780 Indeno[1,2,3-cd]pyren	0.00	276	0	N.D.		
88)	C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.		
89)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration

MD 3/19/07

STL Buffalo
Date: 03/19/2007
Time: 13:32:59

Organic Prep Log Book
(3510C) EPA SVOA H2O
A7B03392 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 03/13/2007 DHC

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: 03/13/2007 BM

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A07-2219	A7221901	B	FS	AW70003684	SVOA	OLMO4	EPA SVOA	A00028	_____	_____	5.00	1060.0000	1.00
A07-2219	A7221901MS	B	MS	AW70003685	SVOA	OLMO4	EPA SVOA	A00028	A00057	_____	5.00	1060.0000	1.00
A07-2219	A7221901SD	B	SD	AW70003686	SVOA	OLMO4	EPA SVOA	A00028	A00057	_____	5.00	1060.0000	1.00
A07-2219	A7221902	B	FS	AW70003687	SVOA	OLMO4	EPA SVOA	A00028	_____	_____	5.00	1060.0000	1.00
A07-2219	A7221903	B	FS	AW70003688	SVOA	OLMO4	EPA SVOA	A00028	_____	_____	5.00	1060.0000	1.00
A7B03392	A7B0339201	Z	MSB	AW70003689	SVOA	OLMO4	EPA SVOA	A00028	A00057	_____	5.00	1000.0000	1.00
A7B03392	A7B0339202	Z	MBLK	AW70003690	SVOA	OLMO4	EPA SVOA	A00028	_____	_____	5.00	1000.0000	1.00

Comments:

STL Buffalo
Date: 03/12/2007
Time: 22:31:53

Organic Prep Log Book
(3510C) EPA SVOA H2O
A7B03392

Rept: AN0501

SURROGATE A28
Expiration Date: 7-23-07
Prepared by: [illegible]
Spiked by: [illegible] 1000.00 ul
Witnessed by: _____

MATRIX SPIKE A57
Expiration Date: 4/19/07
Prepared by: CM
Spiked by: DHC 1000.00 ul
Witnessed by: _____

MeCl2: E02E27
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: 7002
10 N NaOH: _____

Date Ext/Initials: 3/13/07 DHC

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or (CLLE) (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 3-13-07 [illegible]

Job Number	Sample ID	Bottle ID	Sample Type	Vial #	Test	Protoc	Method	Surr Code	Spike Code	Appear.	Initial pH	Sample Volume (ml)	Final Volume (ml)
A07-2219	A7221901	6	FS	AW70003684	SVOA	OLM04	EPA SVOA	A00028		tan	5	1060	1.0
A07-2219	A7221901MS	DHC AB	MS	AW70003685	SVOA	OLM04	EPA SVOA	A00028	A00057		5		
A07-2219	A7221901SD		SD	AW70003686	SVOA	OLM04	EPA SVOA	A00028	A00057		5		
A07-2219	A7221902		FS	AW70003687	SVOA	OLM04	EPA SVOA	A00028			5		
A07-2219	A7221903		FS	AW70003688	SVOA	OLM04	EPA SVOA	A00028			5		
A7B03392	A7B0339201		MSB	AW70003689	SVOA	OLM04	EPA SVOA	A00028	A00057	clear	5	1000	
A7B03392	A7B0339202		MBLK	AW70003690	SVOA	OLM04	EPA SVOA	A00028					

Comments: S: 8:45
E: 2:45
(E) CM

408/412

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	AGT JOB #	INJ.VOL	F.V.	DF	NG I.S.	I.S. I.D.
3/7/07	0813	MRK	V19582	BFTPP050	SC26-11G	→	1.0				
	0829		V19583	SSTD050	8270MB(12/18/06)						
	0855		V19584	SSTD056	TCLP BAS(01/10/07)						
	0920		V19585	MSB	AS70002429	2012		1.0	1	40	SC30-5
	0944		V19586	SBLK40	30						
	1009		V19587	A7201201	16						
	1034		V19588	A7183601MS	AS70002291	1836					
	1058		V19589	↓ MSD	92						
	1247		V19590	BFTPP050	SC26-11J		2.0				
	1303		V19591	SSTD020	CLP (02/12/07)						
	1339		V19592	SSTD050							
	1355		V19593	SSTD080							
	1421		V19594	SSTD120							
	1447		V19595	SSTD160							
	1513		V19596	MSB	AW70002843	1642		1.0	1	40	SC30-5
	1539		V19597	MSBD	44						
	1605		V19598	SBLK41	45						
	1632		V19599	A7164202	41						
	1658		V19600	↓ 03	42						
	1724		V19601	MSB#3	BM CLLE						
	1750		V19602	MSB#4	↓						
	1816		V19603	MSB							
	1842		V19604	MSBD							
	1908		V19605	MSB#3							
	1934		V19606	MSB#4							
					3/9/07 MRK						

SEVERN TRENT LABORATORIES

REVIEWED BY_____

409/412

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS
DMC#1 No tail/deg T 2916 C 0571 — CH_2Cl_2 lot # E05E39
T 2942
I 0189
C 0594

DATE_____

000075

410/412

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	AGT JOB #	INJ.VOL	F.V.	DF	NG I.S.	I.S. I.D.
3/14/07	0802	MH	V19709	DFTPP050	SC26-11G	———	1.0	———			
	0818		V19710	SSTD050	8270 (12/18/06)	———		———			
	0843		V19711	SSTD050	TCLP SDS (01/10/07)	———		———			
	0907		V19712	A719110662	AW70003151	1911		1.0	20	40	SC30-5
	0932		V19713	A7224711	AS70002537	2247			10		
	0957		V19714	↓ 14	↓ 40	↓			↓		
	1022		V19715	A7225501	AW70002698	2255					
3/15/07	0819	MH	V19716	DFTPP025	SC26-11J	———	2.0	———			
	0835		V19717	SSTD050	CLPA (2/21/07)	———		———			
	0900		V19718	MSB	AW70003689	2219		1.0	1	40	SC30-5
	0926		V19719	SBLK48	↓ 90						
	0952		V19720	A7221901	AW70003684						
	1018		V19721	01MS	85						
	1044		V19722	01SD	86						
	1114		V19723	02	87						
	1140		V19724	03	88						

SEVERN TRENT LABORATORIES

REVIEWED BY _____

GCMS SEMIVOLATILE INJECTION LOG

I.D.	COMMENTS
	DMC#1 Notail/deg T-3000 C 0446 MeCl2 Lot#E05E39
25	
	T-3006 C-0652 DMC #1 Notail/deg MeCl2 Lot# E05E39
45	

DATE

000085

412/412

APPENDIX C

CW CHEMWORLD ENVIRONMENTAL, INC.
Environmental Consulting Services

May 9, 2007

Ms. Erin McCormick
Environmental Engineer
Stantec Consulting Group, Inc.
2250 Brighton Henrietta Townline Road
Rochester, New York 14623-2706

RE: Data Usability Summary Report (DUSR)
Gonsenhauser Farm Brownfields Project
Laboratory: Severn Trent Laboratories, Inc., Amherst, NY
Lab Job No. A07-2204
Water Samples
Analyses for Volatile Organics by EPA CLP Method OLM04.2 and EPA Method 602 including MTBE and Semi-Volatiles (Base/Neutral and Acid Extractable Organics) by EPA CLP Method OLM04.2

Dear Ms. McCormick:

Data Usability Summary Report (DUSR) technical services were performed by ChemWorld Environmental, Inc. for the Gonsenhauser Farm Brownfields Project for the water sampling event of March 8, 2007. The DUSR review was performed in accordance with United States Environmental Protection Agency (USEPA) Region II data validation guidelines and New York State Department of Environmental Conservation (NYSDEC) Analytical Services Protocol (ASP) requirements, where applicable.

The analytical data from Laboratory Job No. A07-2204 was reviewed (screened) for the parameters noted above. The data screening consisted of a review of the Quality Control (QC) Summary Forms and a brief review of various chromatograms and quantitation reports. The QC Forms were reviewed to determine whether any data required qualification based upon QC deviations noted on the Forms. The associated Analytical Data Result Forms are included as Attachment A. These Forms include data qualifiers as described within this letter report. Unless otherwise noted, all results included on the Forms are considered usable, based upon the DUSR review items noted below. Attachment B includes copies of the associated Case Narrative and the Chain-of-Custody forms.

The DUSR review items include the following, as method appropriate:

- Completeness of Data Package
- Chain-of-Custody Review
- Holding Times from Verified Time of Sample Receipt (VTSR)
- Surrogate Recovery
- GC/MS Instrument Performance Check
- *Initial and Continuing Calibration*
- Matrix Spike / Matrix Spike Duplicates (MS/MSD)
- Matrix Spike Blanks (MSB)
- Internal Standards
- Method and Field Blanks
- Tentatively Identified Compounds (TICs)

14 Orchard Way North, Rockville, Maryland 20854, Tel. 301-294-6144, Fax 301-~~309-6640~~ 294-6144

The QC Summary Forms included various deviations based upon acceptable limits for quality control. The following should be noted regarding qualification of the data set for Volatiles and Semi-Volatiles for the review items above.

Volatiles, Lab Job No. A07-2204

Continuing Calibrations: One associated continuing calibration was found to generate Percent Difference (%D's) of greater than 25% for various volatile compounds. The continuing calibration affected includes: 3/09/07 at 21:57. Four compounds from this calibration exceeded the %D limit of 25% within a range of 27.8% to 33.5%. The compounds affected include: Chloromethane, Bromomethane, Vinyl Chloride and Trichlorofluoromethane. The associated water samples were qualified as 'UJ', estimated, for the non-detectable results for these compounds. Positive results were not detected for the compounds affected.

Volatiles (Method 602 – Purge Sample), Lab Job No. A07-2204

Qualification was not required for the data generated for Volatile Organics using EPA Method 602 by GC for the Purge sample. The QC data generated for the analyses were found to be acceptable.

Semi-Volatiles, Lab Job No. A07-2204

Continuing Calibrations: One associated continuing calibration was found to generate a %D of greater than 25% for Benzo(g,h,i) perylene at 29.3%. The continuing calibration affected includes: 3/15/07 at 08:35. The associated water samples were qualified as 'UJ', estimated, for the non-detectable results for this compound. Positive results were not detected for Benzo(g,h,i) perylene .

Method Blanks: One method blank was analyzed for the associated samples. The Semi-volatile compound found in method blank SBLK48 included Bis-(2-ethylhexyl) phthalate at 3 ug/L. A limit of ten times this Bis-(2-ethylhexyl) phthalate result was used for review and qualification of the associated water samples. The sample results found to be less than the respective method blank limit and reported at less than the Contract Required Quantitation Limit (CRQL) and were qualified as 'U', not detected, at the CRQL.

Please contact me by telephone or fax at 301-294-6144, should you require additional information or clarification regarding this Letter Report.

Sincerely,

Andrea P. Schuessler

Andrea P. Schuessler, CHMM
ChemWorld Environmental, Inc.

c: SB-2007.1 file

ORGANIC DATA QUALIFIERS

U - Indicates that the compound was analyzed for, but not detected at or above the Contract Required Quantitation Limit (CRQL), or the compound is not detected due to qualification through the method or field blank.

J - The associated numerical value is an estimated quantity.

JN - Tentatively identified with approximated concentrations (Volatile and Semi-Volatile Organics). Presumptively present at an approximated quantity (Pesticides/PCBs).

UJ - The compound was analyzed for, but not detected. The sample quantitation limit is an estimated quantity due to variance from quality control limits.

C - Applies to Pesticide results where the identification has been confirmed by GC/MS.

E - Reported value is estimated due to quantitation above the calibration range.

D - Reported result taken from diluted sample analysis.

A - Aldol condensation product.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not Analyzed.

INORGANIC DATA QUALIFIERS

U - Indicates analyte not detected at or above the Contract Required Detection Limit (CRDL), or the compound is not detected due to qualification through the method or field blank.

B - Indicates analyte result is between Instrument Detection Limit (IDL) and CRDL.

J - The reported value is estimated due to variance from quality control limits.

UJ - The element was analyzed for, but not detected. The sample quantitation limit is an estimate due to variance from quality control limits.

E - Reported value is estimated because of the presence of interference.

R - Reported value is unusable and rejected due to variance from quality control limits.

NA - Not analyzed.

ATTACHMENT A

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9082.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U J
75-01-4	Vinyl chloride	10	U J
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U J

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9082.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	4	J
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLMO4.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9082.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 3 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	2.06	6	J
2.	UNKNOWN	3.05	5	J
3.	UNKNOWN	4.14	6	J

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9085.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U J
75-01-4	Vinyl chloride	10	U J
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	3	J
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	5	J
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U J

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9085.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	3	J
108-87-2	Methylcyclohexane	1	J
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9085.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.51	11	J
2.	UNKNOWN	1.64	19	J
3.	UNKNOWN	2.06	24	J
4.	UNKNOWN	2.28	9	J
5.	UNKNOWN	3.05	10	J
6.	UNKNOWN	4.03	6	J
7. 496-11-7	INDANE	10.18	6	JN

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9086.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U J
75-01-4	Vinyl chloride	10	U J
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	5	J
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U J

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9086.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	3	J
108-87-2	Methylcyclohexane	1	J
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLMO4.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9086.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/10/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

Number TICs found: 7 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	UNKNOWN	1.51	11	J
2.	UNKNOWN	1.63	21	J
3.	UNKNOWN	2.06	26	J
4.	UNKNOWN	2.29	9	J
5.	UNKNOWN	3.05	11	J
6.	UNKNOWN	4.03	6	J
7. 496-11-7	INDANE	10.18	6	JN

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221904

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9071.RR

Level: (low/med) LOW Date Samp/Recv: 02/26/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U J
74-83-9	Bromomethane	10	U J
75-01-4	Vinyl chloride	10	U J
75-00-3	Chloroethane	10	U
75-09-2	Methylene chloride	10	U
67-64-1	Acetone	10	U
75-15-0	Carbon Disulfide	10	U
75-35-4	1,1-Dichloroethene	10	U
75-34-3	1,1-Dichloroethane	10	U
67-66-3	Chloroform	10	U
107-06-2	1,2-Dichloroethane	10	U
78-93-3	2-Butanone	10	U
71-55-6	1,1,1-Trichloroethane	10	U
56-23-5	Carbon Tetrachloride	10	U
75-27-4	Bromodichloromethane	10	U
78-87-5	1,2-Dichloropropane	10	U
10061-01-5	cis-1,3-Dichloropropene	10	U
79-01-6	Trichloroethene	10	U
124-48-1	Dibromochloromethane	10	U
79-00-5	1,1,2-Trichloroethane	10	U
71-43-2	Benzene	10	U
10061-02-6	trans-1,3-Dichloropropene	10	U
75-25-2	Bromoform	10	U
108-10-1	4-Methyl-2-pentanone	10	U
591-78-6	2-Hexanone	10	U
127-18-4	Tetrachloroethene	10	U
108-88-3	Toluene	10	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U
108-90-7	Chlorobenzene	10	U
100-41-4	Ethylbenzene	10	U
100-42-5	Styrene	10	U
1330-20-7	Total Xylenes	30	U
75-71-8	Dichlorodifluoromethane	10	U
75-69-4	Trichlorofluoromethane	10	U J

EPA OLM04.2 - VOLATILES
ANALYSIS DATA SHEET

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221904

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9071.RR

Level: (low/med) LOW Date Samp/Recv: 02/26/2007 03/09/2007

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	10	U
156-60-5	trans-1,2-Dichloroethene	10	U
1634-04-4	Methyl-t-Butyl Ether (MTBE)	10	U
156-59-2	cis-1,2-Dichloroethene	10	U
110-82-7	Cyclohexane	10	U
108-87-2	Methylcyclohexane	10	U
106-93-4	1,2-Dibromoethane	10	U
98-82-8	Isopropylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
79-20-9	Methyl acetate	10	U

EPA OLM04.2 - VOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

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Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221904

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: Q9071.RR

Level: (low/med) LOW Date Samp/Recv: 02/26/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/09/2007

GC Column: ZB-624 ID: 0.25 (mm) Dilution Factor: 1.00

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

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

CAS NO.	Compound Name	RT	Est. Conc.	Q

STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE
ANALYSIS DATA SHEET

Client No.

PURGE-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7220401

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: 0A36126.TX0

Level: (low/med) Low Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: not dec. _____ Date Analyzed: 03/12/2007

GC Column: ZB-624 Dia: 0.53 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-43-2	Benzene	1.4	
108-90-7	Chlorobenzene	1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	U
100-41-4	Ethylbenzene	0.26	J
108-88-3	Toluene	0.59	J
1634-04-4	Methyl-t-Butyl Ether (MTBE)	0.39	J
108-38-3	m-Xylene	0.67	1J
95-47-6	o-Xylene	1.0	U
106-42-3	p-Xylene	0.67	1J

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	~~2~~ (9U)	~~BJ~~
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	UJ
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW15R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19720.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

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

CAS NO.	Compound Name	RT	Est. Conc.	Q
1. 57-11-4	OCTADECANOIC ACID	14.15	3	JN

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	~~1~~ (9 U)	~~BJ~~
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	U J
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW16R-3/07

Lab Name: SIL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW16R-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221902

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19723.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

Number TICs found: 2 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	57-10-3	N-HEXADECANOIC ACID	13.37	2	JN
2.		UNKNOWN ACID	14.15	3	J

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	9	U
111-44-4	Bis(2-chloroethyl) ether	9	U
95-57-8	2-Chlorophenol	9	U
95-48-7	2-Methylphenol	9	U
108-60-1	2,2'-Oxybis(1-Chloropropane)	9	U
106-44-5	4-Methylphenol	9	U
621-64-7	N-Nitroso-Di-n-propylamine	9	U
67-72-1	Hexachloroethane	9	U
98-95-3	Nitrobenzene	9	U
78-59-1	Isophorone	9	U
88-75-5	2-Nitrophenol	9	U
105-67-9	2,4-Dimethylphenol	9	U
111-91-1	Bis(2-chloroethoxy) methane	9	U
120-83-2	2,4-Dichlorophenol	9	U
91-20-3	Naphthalene	9	U
106-47-8	4-Chloroaniline	9	U
87-68-3	Hexachlorobutadiene	9	U
59-50-7	4-Chloro-3-methylphenol	9	U
91-57-6	2-Methylnaphthalene	9	U
77-47-4	Hexachlorocyclopentadiene	9	U
88-06-2	2,4,6-Trichlorophenol	9	U
95-95-4	2,4,5-Trichlorophenol	24	U
91-58-7	2-Chloronaphthalene	9	U
88-74-4	2-Nitroaniline	24	U
131-11-3	Dimethyl phthalate	9	U
208-96-8	Acenaphthylene	9	U
606-20-2	2,6-Dinitrotoluene	9	U
99-09-2	3-Nitroaniline	24	U
83-32-9	Acenaphthene	9	U
51-28-5	2,4-Dinitrophenol	24	U
100-02-7	4-Nitrophenol	24	U
132-64-9	Dibenzofuran	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
121-14-2	2,4-Dinitrotoluene	9	U
84-66-2	Diethyl phthalate	9	U
7005-72-3	4-Chlorophenyl phenyl ether	9	U
86-73-7	Fluorene	9	U
100-01-6	4-Nitroaniline	24	U
534-52-1	4,6-Dinitro-2-methylphenol	24	U
86-30-6	N-nitrosodiphenylamine	9	U
101-55-3	4-Bromophenyl phenyl ether	9	U
118-74-1	Hexachlorobenzene	9	U
87-86-5	Pentachlorophenol	24	U
85-01-8	Phenanthrene	9	U
120-12-7	Anthracene	9	U
86-74-8	Carbazole	9	U
84-74-2	Di-n-butyl phthalate	9	U
206-44-0	Fluoranthene	9	U
129-00-0	Pyrene	9	U
85-68-7	Butyl benzyl phthalate	9	U
91-94-1	3,3'-Dichlorobenzidine	9	U
56-55-3	Benzo(a)anthracene	9	U
218-01-9	Chrysene	9	U
117-81-7	Bis(2-ethylhexyl) phthalate	2 (9U)	~~BJ~~
117-84-0	Di-n-octyl phthalate	9	U
205-99-2	Benzo(b)fluoranthene	9	U
207-08-9	Benzo(k)fluoranthene	9	U
50-32-8	Benzo(a)pyrene	9	U
193-39-5	Indeno(1,2,3-cd)pyrene	9	U
53-70-3	Dibenzo(a,h)anthracene	9	U
191-24-2	Benzo(ghi)perylene	9	UJ
98-86-2	Acetophenone	9	U
1912-24-9	Atrazine	9	U
100-52-7	Benzaldehyde	9	U
105-60-2	Caprolactam	9	U

EPA OLM04.2 - SEMIVOLATILES
ANALYSIS DATA SHEET

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
92-52-4	Biphenyl	9	U

EPA OLM04.2 - SEMIVOLATILES
TENTATIVELY IDENTIFIED COMPOUNDS

Client No.

MW17-3/07

Lab Name: STL Buffalo Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: 2204

Matrix: (soil/water) WATER Lab Sample ID: A7221903

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: V19724.RR

Level: (low/med) LOW Date Samp/Recv: 03/08/2007 03/09/2007

% Moisture: _____ decanted: (Y/N) N Date Extracted: 03/13/2007

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 03/15/2007

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 5.0

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

	CAS NO.	Compound Name	RT	Est. Conc.	Q
1.	57-11-4	OCTADECANOIC ACID	14.15	2	JN

ATTACHMENT B

NON-CONFORMANCE SUMMARY

Job#: A07-2204,A07-2219

STL Project#: NY1A8845.1
SDG#: 2204
Site Name: Stantec Consulting Group, Inc.

General Comments

The enclosed data may or may not have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual, Dissolved Oxygen, Sulfite, and Temperature analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A07-2204
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
All samples were received in good condition.
A07-2219
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
Strict internal chain of custody required.

GC/MS Volatile Data

The spike recovery of the analyte Trichloroethene in the Matrix Spike Duplicate of sample MW15R-3/07 exceeded quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action was performed.

All samples were preserved to a pH less than 2.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

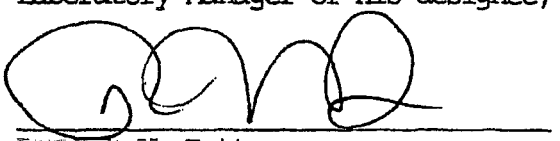
GC/MS Semivolatile Data

The spike recovery for 4-Nitrophenol was above the method defined quality control limits in the Matrix Spike Blank A7B0339201 and the Matrix Spike Duplicate of sample MW15R-3/07. Since the results were biased high and the analyte was not detected in the samples, no corrective action was performed.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."



Ryan T. VanDette
Project Manager

3/20/07
Date

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A7221901	MW15R-3/07	WATER	03/08/2007	13:35	03/09/2007	08:25
A7221901MS	MW15R-3/07	WATER	03/08/2007	13:35	03/09/2007	08:25
A7221901SD	MW15R-3/07	WATER	03/08/2007	13:35	03/09/2007	08:25
A7221902	MW16R-3/07	WATER	03/08/2007	16:45	03/09/2007	08:25
A7221903	MW17-3/07	WATER	03/08/2007	16:55	03/09/2007	08:25
A7220401	PURGE-3/07	WATER	03/08/2007	17:00	03/09/2007	08:25
A7221904	TRIP BLANK	WATER	02/26/2007		03/09/2007	08:25

METHODS SUMMARY

Job#: A07-2204,A07-2219

SIL Project#: NY1A8845.1
SDG#: 2204
Site Name: Stantec Consulting Group, Inc.

PARAMETER	ANALYTICAL METHOD
EPA OLM04.2 - VOLATILES	OLM04 EPA VOA
STANTEC - METHOD 602 - PURGEABLE AROMATICS + MTBE	CFR136 602
EPA OLM04.2 - SEMIVOLATILES	OLM04 EPA SVOA

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

OLM04 "Statement of Work for Organics Analysis", OLM04.2, USEPA Contract Laboratory Program, Multi-media, Multi-concentration.

Chain of Custody Record

STL
Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: Stantec	Project Manager: Mike Storonsky	Date: 3/9/07	Chain of Custody Number: 323911
Address: 2250 Brighton Henrietta TL Rd.	Telephone Number (Area Code)/Fax Number: (585) 475-1440 / (585) 424-5951	Lab Number:	Page 1 of 1
City: Rochester / State: NY / Zip Code: 14623	Site Contact: E. McCormick	Lab Contact: R. VanDette	
Project Name and Location (State): Gonsenhauser Farm, NY	Carrier/Waybill Number:		
Contract/Purchase Order/Quote No.: 190500004			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis: TCL VOCs by 8260 HW-1	TCLP VOCs by CLP 4.2	Special Instructions/ Conditions of Receipt
MW 15R - 3/07	3/8/07	1335		X			X			X			X	X	send copy of data
MW 15R - 3/07 - MS	3/8/07	1335		X			X			X			X	X	Andrea Schussler
MW 15R - 3/07 - MSD	3/8/07	1335		X			X			X			X	X	@ Chemworld
MW 16R - 3/07	3/8/07	1645		X			X			X			X	X	for validation
MW 17 - 3/07	3/8/07	1655		X			X			X			X	X	
Trip blank	2/26/07	—		X						X			X		
Trip blank	2/26/07	—		X						X			X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Eric W Conner	3/9/07	0825	1. Received By: STL	03-09-07	08:25
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 20°C

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

70/412

Chain of Custody Record

SEVERN TRENT **STL**

Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client	Project Manager	Date	Chain of Custody Number
Stantec	Mike Sloronsky	3/9/07	323910
Address 2250 Brighton Henrietta TL Rd	**Telephone Number (Area Code)/Fax Number** (585) 475-1440 / (585) 424-5951	**Lab Number**	**Page** 1 of 1
City Rochester / **State** NY / **Zip Code** 14623	**Site Contact** E. McCormick	**Lab Contact** R. VanDette	**Analysis (Attach list if more space is needed)**
Project Name and Location (State) Gonsenhauser Farms, NY	**Carrier/Waybill Number**		
Contract/Purchase Order/Quote No. 190500004			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	$ZnAc/NaOH$	Analysis: X. VOCs by 602 purgeable aromatics	Special Instructions/ Conditions of Receipt
Purge - 3/07	3/8/07	1700		X						X			X	

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☒ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Erin M Tennant	3/9/07	0825	1. Received By: STL	03-09-07	08:25
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: 2.0°C

69/412

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy