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OPERATION MAINTENANCE AND MONITORING REPORT (MAY 2004 – JULY 2004)

FORMER FLAGSHIP AIRLINES

DUTCHESS COUNTY AIRPORT
WAPPINGERS FALLS, NEW YORK

DUTCHESS COUNTY AIRPORT
WAPPINGERS FALLS, NEW YORK

NYSDEC SITE NO. 3-14-101,
ORDER ON CONSENT NO. W3-0837-98-12

Submitted to:

Case Manager Division of Environmental Remediation
New York State Department of Environmental Conservation, Region III
21 South Putt Corners Road
New Paltz, New York 12561-1696

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TABLE OF CONTENTS

LIST OF TABLES:

LIST OF FIGURES

LIST OF APPENDICES

1.0 Introduction

This status report details the operational status of the Air Sparge/Soil Vapor Extraction (AS/SVE) treatment system at the Former Flagship Airlines Hangar, Dutchess County Airport, Wappingers Falls, New York (**Figure 1** and **Figure 2**). This status report covers the period from May 2004 through July 2004 and includes a discussion of the sampling event conducted on July 21, 2004 completed by Shaw Environmental, Inc. (Shaw) personnel.

The total run time for the AS/SVE systems during the reporting period was 97.14%. The SVE was down during this monitoring period for approximately three days, most likely due to significant rain events as discussed in **Section 4.2**. The total run time for the SVE during this reporting period was 2,208 available hours, with 2,136 actual hours or 97.14%.

2.0 Operation and Maintenance

Monthly Operation and Maintenance (O&M) visits were performed as required by the Record of Decision (ROD). All O&M actions are performed as outlined in the revised AS/SVE Treatment System Operation and Maintenance Manual, dated April 14, 2004. O&M visits were performed on May 06, 2004, June 03, 2004, July 08, 2004 and quarterly groundwater sampling on July 21, 2004.

Monitoring tasks performed during the typical O&M visit included:

- AS and SVE equipment inspected and operating parameters monitored and adjusted.
- AS and SVE equipment monitored (drained moisture separator when necessary, check/change air filter elements and belts and greasing and oil changes on blowers).
- Former Flagship and IBM property monitoring wells gauged for water depths and dissolved oxygen content.
- Quarterly groundwater sampling of ROD determined former Flagship and IBM property monitoring wells. All involved parties were notified prior to sampling.
- SVE points monitored in the equipment compound to verify pressure vacuum response surrounding the system.
- System operational time monitored.
- Influent SVE leg, pre-manifold, post-manifold, pre-carbon, in-between carbon and post-carbon absorption photoionization detector (PID) readings.

Individual system components were also monitored to ensure that all process systems were operating within design parameters.

3.0 Significant Operational Notes

Significant operational notes for this reporting period:

- Quarterly groundwater sampling was conducted on July 21, 2004.
- Influent and effluent vapor samples were collected on July 23, 2004, per the ROD.

4.0 Soil Vapor Extraction System

4.1 Vapor Extraction System Operational Configuration

The SVE system consists of seven (7) horizontal SVE wells and a Roots 47-URAI rotary lobe blower powered by a 5 HP motor.

SVE wells EW-1 through EW-7 were constructed horizontally with 4-inch-diameter, SCH 40 PVC piping at a depth of approximately 4.5 feet below grade. Horizontal placement of the extraction wells was due to shallow groundwater table elevation that had been observed across the site. All seven SVE wells were fitted with six feet of 0.020-inch slotted screen. At approximately four feet below grade, 2-inch, SCH 80 PVC vapor extraction lateral piping tees off the extraction well and connects the extraction wells to the vapor manifold located in the treatment enclosure. The SVE process piping was placed on a 6-inch layer of sand, and covered by another 6-inch layer of sand. Sand and item four were then used to backfill the remainder of the trench, once the pipe and the sand bedding had been placed in non-paved areas. If the trench was within 6-feet of pavement or beneath pavement, item four was used above the pipe and sand layers to grade.

EW-1 through EW-7 were originally controlled by motor operated valves (MOVs) programmed to activate one set of SVE points while deactivating the other set of SVE points and visa versa. Each set was activated for 12-hour time periods. System adjustments have been made to allow for all SVE wells to operate simultaneously. Vapor extraction rates for each well can be regulated independently by utilizing ball valves located on each respective extraction line inside the treatment enclosure. A system design flow of 250 standard cubic feet per minute (scfm) at 50 inches of water column (w.c.) vacuum extraction rate is the design basis that yields approximately 50 scfm at 10” w.c. at each extraction well. These flow and vacuum parameters generate an area of influence of approximately 30 feet on each side of the SVE wells.

The SVE blower and related appurtenances are skid-mounted. A particulate air filter, vacuum, relief valve, inlet and discharge silencers, inlet vacuum and outlet pressure gauges, flowmeter, high pressure switch, low vacuum switch and dilution air filter/silencer/valve are located on the SVE blower skid.

The 60-gallon capacity moisture separator accepts vapors from the corresponding manifolds and removes excess water from the extracted vapor. Free liquids will accumulate in the moisture

separator tank until the high level switch is activated. Once the high level switch is activated, the system automatically shuts down until the water is manually drained and the system has been reset. The water should be drained into a drum and checked for odor and sheen. If no odor or sheen is observed, the water can be discharged on-site. If odor or sheen is detected, the water should be disposed in accordance with federal and state guidelines.

Two 2,000-pound vapor-phase granular activated carbon (VGAC) units are included in the SVE treatment train. The units are installed in a lead/lag arrangement, located outside the treatment enclosure and adsorb volatile organic compounds (VOCs) contained in the SVE blower effluent prior to discharge into the atmosphere via a 20-foot stack. Sample ports are located between and after the VGAC units to monitor the effectiveness and life cycle of the units. Carbon changeouts are required when a 5 to 10 pounds per square inch (psi) differential is noted from the inlet to the outlet side of the carbon unit, or when breakthrough is detected in the lead carbon unit indicated by the air monitoring results.

4.2 Period Performance

PID calculations for VOCs removed during this reporting period indicate that, to date, the system has removed approximately 24.64 pounds of VOCs. Based on PID monthly O&M measurements, no quantifiable VOCs have been recovered for the past twenty-six months of nearly continuous operation. The system was down on July 15, 19 and 20, 2004 due to loss of vacuum. There were several significant rain events during the month of July which would over saturate the ground causing a loss in vacuum for the system. System operating data and removal calculations are based on monthly PID readings shown in **Table 1**. Vapor phase carbon adsorption efficiency for the compounds of concern is shown on **Table 2** and **Table 2A**. Since ROD approved modifications to the treatment system, all SVE wells have operated simultaneously, 24-hours per day. Therefore no individual logged samples are collected. To date, laboratory analysis, calculative collection of "compounds of concern" is determined to be approximately 3.403 pounds (**Table 3**).

5.0 Air Sparge System

5.1 Air Sparge System Operational Configuration

Interm Remedial Measure Designed Operational Configuration

The AS system consists of eight (8) vertical AS wells and a Roots 32-URAI rotary lobe blower powered by a 7.5 HP motor.

The AS compressor is skid-mounted with and inlet air filter/muffler, pressure relief valve, bypass valve and muffler, effluent silencer, pressure gauge, high pressure switch and temperature gauge.

A heat exchanger was incorporated after the blower to lower the air discharge temperature before it enters the PVC piping. The 1-inch SCH 80 PVC piping leading to the sparge wells cannot tolerate temperatures greater than 150 degrees Fahrenheit. Therefore, a high temperature switch and temperature gauge are incorporated following the heat exchanger. The optimum air discharge temperature is 100 degrees Fahrenheit.

AS wells SP-1 through SP-7 were constructed with 2-inch diameter, SCH 40 PVC piping and were installed to a depth of approximately 15 feet below grade. Each of the seven AS wells were fitted with two feet of 0.020-inch slotted screen at depth. Each well as brought to grade and finished with a threaded steel or PVC plug, concrete pad, and a traffic-rated metal road box. At approximately 3.5 feet below grade a 1-inch, SCH 80 PVC, sparge line tees off each well and returns to the sparge manifold located in the treatment enclosure. The AS lateral piping was placed in the sand bedding that was used for the SVE lateral piping. Prior to exiting the subsurface and penetration through the treatment enclosure wall, the air sparge piping was transitioned from PVC to high pressure EPDM hose for safety concerns associated with handling compressed air above grade.

The AS manifold consists of an individual air flow meter (rotameter), needle valve, and pressure gauge for each independent sparge pipe. The sparge wells were previously controlled by motor operated valves programmed to activate one set of sparge points while deactivating other set of sparge points and vise versa. Each set was previously programmed to activate for 12-hour time periods. Sparge points SP-1, 2, 3 and 4 (Leg A) operated while extraction wells EW-1, 2, 5, and 7 operated, while SP-4, 5 and 6 operated while EW-3, 5 and 6 were operating.

ROD Modified Design Operational Configuration

In June 2003, a new sparge well (SP-8) was installed to a total depth of 23 feet below grade in the area northwest of SP-5. In November 2003, SP-1 was replaced with SP-1A which was installed to a total depth of 20 feet below grade. Sparge points SP-7, 6, 4, 3 and SP-2 were deactivated and SP-5 was valved off and a "T" installed in the line to supply air to SP-8 during the November 2003 system modifications. The valve is accessible through a flush mount roadbox. SP-1A and SP-8 are currently the only active sparge wells.

The system design flow of 55 scfm at 12-psi sparge rate (approximately 12 scfm at 8 to 10 psi per sparge well) yields a radius of influence of approximately 30 feet.

5.2 Period Performance

During the current reporting period, the sparge points ran at an average flow of approximately 3.5 cfm, with a total average system pressure of approximately 5.1-psi. The AS blower was fully operational with SP-1A and SP-8 were operating simultaneously.

Dissolved oxygen levels were measured in performance monitoring wells during the scheduled O&M visits. Based upon data collected during the quarterly monitoring period distribution of sparge air remains significantly greater than those observed prior to SP-1A and SP-8 installation and subsequent activation in November 2003. As expected and intended per the ROD sparging is most active in those two new well areas only. All historical dissolved oxygen data available since May 1999 is tabulated and show in **Table 4**. Air distribution trends and dissolved oxygen levels in the monitoring well network will continue to be measured during future O&M visits to anticipate maintenance actions needed in order to maintain desired air flow rates to the treatment zone.

6.0 System Treatment Efficiency

Data collected from the performance monitoring well network located upgradient and downgradient of the treatment zones show slight trends as of this reporting period. The only remaining dissolved contaminant levels on the former Flagship property are located in the former concrete drain feature area monitored by wells MW-9/10R and MW-6, and the property boundary area monitored by wells ME-19 and A-42S. Analytical results from the monitoring well network are tabulated and presented in **Table 5**. Significant compounds of concern, as identified by the ROD, are tabulated and presented in **Table 6**.

Contaminant of concern, dissolved concentrations observed during the July 2004 sampling are below laboratory detection limits in MW-9\10R. This marks three-consecutive quarterly events with no detections in this former concrete drain feature area. Monitoring well MW-6 which is approximately 15-feet down-gradient from this recently remediated feature, still displays low levels of dissolved contamination. Levels have decreased since the November 2003 ROD remedial efforts. Dissolved contaminant levels are decreasing near the property boundary, as a result of SP-8 operation, though low levels persist.

This report summarizes a joint survey from the Flagship and IBM hangar property groundwater contour map for the water level measurements from this reporting period. The groundwater contour map of the July 21, 2004 event is shown as **Figure 3** in this report. Prior to monitoring well gauging the treatment system is shutdown to allow for the stabilization of the naturally occurring potentiometric surface.

During the July 21, 2004 gauging event, groundwater elevations on the Flagship parcel ranged from 153.88 feet (ME-16) to 150.81 feet (ME-19). On the former IBM parcel, groundwater elevations ranged from 151.76 feet (A-43S) to 150.23 feet (A-44S). Depth to groundwater measurements and elevations are presented in **Table 4**. Based on the calculated groundwater elevations on the former Flagship and IBM properties, groundwater flow is in a northwesterly direction with some influence from the sparge points (**Figure 3**). Flow direction irregularity, observed on the down-gradient portion of the site has been consistent throughout project duration.

During the July 21, 2004 sampling event, detections of significant compounds of concern were recorded in samples collected from ME-14, ME-19, MW-6, and MW-8 above laboratory method

detection limits. Tetrachloroethene (PCE) was detected at concentrations ranging from 2 ug/l (ME-19) to 0.6J ug/l (MW-6). These concentrations are below the New York State Department of Environmental Conservation (NYSDEC) groundwater standard of 5 ug/l. Down-gradient wells are predominantly free of dissolved contamination, thus demonstrating limited plume mobility away from this primary area of concern. Tricholoethene (TCE) and Total 1,2-Dichloroethene (DCE) were not detected in any of the monitoring wells on the former flagship property. TCE was detected in one well on the former IBM property. Total 1,2-DCE was detected in two wells on the former IBM property. Naphthalene was not detected above laboratory detection limits for all wells. The analytical results are presented on **Table 5** and **Figure 4**. Naphthalene (**Figure 5**), chloroethane (**Figure 6**) and 1,2-DCE (**Figure 7**) are visually presented in contamination isochron format. Trend data for PCE, 1,1-dichloroethane (DCA) and naphthalene are presented in **Figures 8, 9** and **10**, respectively. Groundwater analytical data is presented in **Appendix A**.

Samples collected from former IBM monitoring wells, located near the eastern corner of the hangar exhibited detections of target analytes. Specifically, concentrations of 1,1-dichloroethane ranging from 13 ug/l to 0.7J ug/l (A-26, A-27S, A-42S and A-43S). Total 1,2-DCE was detected at concentrations ranging from 5 ug/l (A-27S) to 0.7J ug/l (A-43S). Naphthalene was not detected at any of the former IBM monitoring wells. Vinyl Chloride was detected at concentrations ranging from 1 ug/l to 0.4J ug/l (A-26, A-27S and A-43S). No significant trends have been observed in former IBM property wells. The up-gradient wells on the former Flagship property have demonstrated reductions in total VOC concentrations.

The presence of one or more of the following compounds, dichloroethane, vinyl chloride and dichloroethene in former IBM property wells A-42S, A-43S, A-26S and A-27S (**Table 5**) combined with the lack of immediate up-gradient (former Flagship property) detections, suggest that an ongoing source of these contaminants exists on the former IBM leased property. The MW-9/10R area of concern on the former Flagship property is approximately 160 feet up-gradient from this IBM well area. With the exception of low and infrequent detections in MW-6 and ME-19, no detections have been recorded between these two areas.

7.0 Proposed Activities

Proposed activities for the next reporting period include:

- Monthly O&M visits to monitor system operation.
- Adjust system flow and vacuum to maximize treatment system operation.
- Collect groundwater samples in October 2004.
- Submit workplan for indoor and outdoor air sampling in addition to SVE influent vapor sampling

TABLES

Table 1
FORMER FLAGSHIP HANGAR FACILITY
AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
VAPOR REMOVAL (BASED ON PID)

Sampling Date	Run Time Since Last Visit (hrs) Available / Actual	SVE Operation Since Last O&M Visit (%)	SVE Blower Effluent Flow Velocity (4" diam.) (fpm)	SVE Blower Effluent Flow Rate (cfm)	SVE Blower Effluent PID Reading (ppmv)	VOC Removal Rate (lbs/hr)	VOC's Recovered Since Last O&M Visit (lbs.)	Cumulative lbs. of VOC's Recovered (lbs.)
8/4/2000	0 / 0	0.00%	2942.5	256	2.2	0.01	0.00	0.00
8/9/2000	120 / 6	5.00%	3172.4	276	0.0	0.00	0.00	0.00
8/16/2000	168 / 168	100.00%	3103.4	270	0.0	0.00	0.00	0.00
8/24/2000	192 / 192	100.00%	3356.3	292	0.0	0.00	0.00	0.00
9/21/2000	672 / 261	38.84%	3678.2	320	0.0	0.00	0.00	0.00
10/9/2000	432 / 192	44.44%	3678.2	320	0.0	0.00	0.00	0.00
11/17/2000	936 / 542	57.91%	4046.0	352	0.0	0.00	0.00	0.00
12/6/2000	456 / 298	65.35%	4114.9	358	0.0	0.00	0.00	0.00
1/10/2001	840 / 120	14.29%	4000.0	348	0.0	0.00	0.00	0.00
2/19/2001	960 / 960	100.00%	3195.4	278	0.0	0.00	0.00	0.00
3/28/2001	888 / 72	8.11%	0.0	0	0.0	0.00	0.00	0.00
4/19/2001	528 / 270	51.14%	2580.0	224	0.0	0.00	0.00	0.00
5/16/2001	648 / 600	92.59%	2919.5	254	0.0	0.00	0.00	0.00
6/20/2001	840 / 792	94.29%	3185.0	277	0.0	0.00	0.00	0.00
7/30/2001	960 / 960	100.00%	3287.4	286	0.0	0.00	0.00	0.00
8/17/2001	432 / 432	100.00%	3310.3	288	0.0	0.00	0.00	0.00
9/11/2001	600 / 600	100.00%	3379.3	294	0.0	0.00	0.00	0.00
10/31/2001	1200 / 1200	100.00%	3595.0	313	0.0	0.00	0.00	0.00
11/29/2001	696 / 408	59.00%	3560.0	310	2.3	0.01	4.08	4.08
12/13/2001	336 / 336	100.00%	3580.0	311	2.0	0.01	3.36	7.44
1/17/2002	840 / 768	91.00%	2494.0	217	0.0	0.00	0.00	7.44
2/21/2002	840 / 840	100.00%	3678.2	320	0.0	0.00	0.00	7.44
3/20/2002	648 / 552	85.19%	4770.1	415	0.0	0.00	0.00	7.44
4/17/2002	672 / 672	100.00%	3804.6	331	0.0	0.00	0.00	7.44
5/22/2002	840 / 840	100.00%	4655.2	405	5.7	0.02	13.74	21.18
6/17/2002	624 / 384	61.54%	0.0	0	0.0	0.01	3.46	24.64
7/15/2002	672 / 312	46.43%	3379.3	294	0.0	0.00	0.00	24.64
8/28/2002	1056 / 576	54.55%	3183.9	277	0.0	0.00	0.00	24.64
9/24/2002	624 / 624	100.00%	3862.1	336	0.0	0.00	0.00	24.64
10/21/2002	648 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
11/15/2003	600 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
12/17/2003	768 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
1/18/2003	748 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
2/12/2003	600 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
3/20/2003	864 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
4/21/2003	768 / 0	0.00%	2172.4	189.0	0.0	0.00	0.00	24.64
5/28/2003	888 / 704	79.28%	2862.1	249.0	0.0	0.00	0.00	24.64
6/10/2003	312 / 0	0.00%	0.0	NM	0.0	0.00	0.00	24.64
7/9/2003	696 / 696	100.00%	2298.9	200.0	0.0	0.00	0.00	24.64
8/28/2003	1200 / 1200	100.00%	1597.7	139.0	0.0	0.00	0.00	24.64
9/3/2003	120 / 120	100.00%	2563.2	223	0.0	0.00	0.00	24.64
10/17/2003	1056 / 1056	100.00%	2436.8	212	0.0	0.00	0.00	24.64
11/13/2004	648 / 648	100.00%	2069.0	180	0.0	0.00	0.00	24.64
12/16/2003	792 / 792	100.00%	1609.2	140	0.0	0.00	0.00	24.64
1/21/2004	528 / 528	100.00%	1862.1	162	0.0	0.00	0.00	24.64
2/19/2004	696 / 696	100.00%	1954.0	170	0.0	0.00	0.00	24.64
3/31/2004	984 / 787	79.98%	1724.1	150	0.0	0.00	0.00	24.64
4/7/2004	168 / 168	100.00%	2321.8	202	0.0	0.00	0.00	24.64
5/6/2004	696 / 696	100.00%	2517.2	219	0.0	0.00	0.00	24.64
6/3/2004	672 / 672	100.00%	2517.2	219	0.0	0.00	0.00	24.64
7/8/2004	840 / 768	91.43%	2528.7	220	0.0	0.00	0.00	24.64

October 2002 SVE shutdown due to high groundwater levels
April 2003 SVE system Restarted
NM=Not Measured

TABLE 2
FORMER FLAGSHIP HANGAR FACILITY
AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
TREATMENT EFFICIENCY

Date	Compounds of Concern	SVE Influent South Leg (ppbv) / ug/m^3	SVE Influent North Leg (ppbv) / ug/m^3	Carbon Effluent South Leg (ppbv) / ug/m^3	Carbon Effluent North Leg (ppbv)/ ug/m^3	Carbon Efficiency South Leg (%)	Carbon Efficiency North Leg (%)	Total System Efficiency (%)
08/04/00	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	130 / 896.3	13 / 89.63	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	3.9 / 14.94	2.3 / 8.81	0.52 / 1.99	ND / ND	86.67	100.00	93.34
	1,1-Dichloroethane	1.4 / 5.76	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	13 / 72.1	1.5 / 8.32	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
10/9/00 (1)	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	100 / 689.46	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	0.82 / 3.14	ND / ND	100.00	100.00	100.00
	1,1-Dichloroethane	2.3 / 9.46	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	17 / 94.29	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
12/06/00	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	50 / 344.73	3.5 / 24.13	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	1.1 / 4.21	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1-Dichloroethane	5.9 / 24.27	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	6.7 / 37.16	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
05/16/01	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1-Dichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
06/20/01	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	40 / 275.78	7.0 / 48.26	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	0.98 / 3.75	ND / ND	NA	100.00	NA
	1,1-Dichloroethane	ND / ND	3.0 / 12.34	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	4.2 / 23.3	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
09/11/01	Trichloroethene	1.4 / 7.65	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	130 / 896.3	2.5 / 17.24	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	ND / ND	ND / ND	NA	100.00	NA
	1,1-Dichloroethane	14 / 57.6	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	88 / 488.09	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
01/17/02	Trichloroethene	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	NA	NA	1.5 / 5.74	ND / ND	NA	100.00	NA
	1,1-Dichloroethane	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	NA	NA	ND / ND	ND / ND	100.00	100.00	100.00
05/22/02	Trichloroethene	ND / ND	ND / ND	0.55 / 3	1 / 5.46	NA	NA	NA
	Tetrachloroethene	6.2 / 42.75	7.9 / 54.47	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	18 / 68.94	15 / 57.45	1.3 / 4.98	2.8 / 10.72	93.00	81.00	87.00
	1,1-Dichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	86 / 458.19	109 / 580.73	ND / ND	ND / ND	100.00	100.00	100.00
09/24/02	Trichloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Tetrachloroethene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Toluene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1-Dichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	1,1,1-Trichloroethane	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00
	Naphthalene	ND / ND	ND / ND	ND / ND	ND / ND	100.00	100.00	100.00

Notes:
ND = Not Detected, therefore, compound believed to be absent in treatment train or below method detection limit.
NA = Not Applicable.
(1) = Quarterly vapor recovery/treatment air samples collected on 10/9/00, not during the quarterly groundwater sampling event as intended.
(2) = Quarterly vapor recovery/treatment air samples collected in May because SVE MOV not operational during March sampling event.
The May 16, 2001 sampling event was conducted after the system was re-started and in-place of the scheduled March sampling event.
On **INSERT DATE HERE** MOV valve removed.

TABLE 2 (Continued)
FORMER FLAGSHIP HANGAR FACILITY
AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
TREATMENT EFFICIENCY

Date	Compounds of Concern	SVE Influent (ppbv) / ug/m^3	SVE Effluent (ppbv) / ug/m^3	Total System Efficiency (%)
02/19/04	Trichloroethene	ND / ND	ND / ND	100.00
	Tetrachloroethene	2.1 / 15	ND / ND	100.00
	Toluene	ND / ND	ND / ND	100.00
	1,1-Dichloroethane	ND / ND	ND / ND	100.00
	1,1,1-Trichloroethane	ND / ND	ND / ND	100.00
	Naphthalene	ND / ND	ND / ND	100.00
07/23/04	Trichloroethene	ND / ND	ND / ND	100.00
	Tetrachloroethene	1.7 / 11.72	ND / ND	100.00
	Toluene	ND / ND	ND / ND	100.00
	1,1-Dichloroethane	ND / ND	ND / ND	100.00
	1,1,1-Trichloroethane	ND / ND	ND / ND	100.00
	Naphthalene	ND / ND	ND / ND	100.00

Notes:

ND = Not Detected, therefore, compound believed to be absent in treatment train or below method detection limit.

Table 3
Former Flagship Airlines Hangar Facility
Air Sparge/Soil Vapor Extraction System
Compound of Concern Cumulative Recovery

Sampling Date	Run Time Since Last Visit (hrs) Available	Actual	SVE Operation Since Last O&M Visit (%)	SVE Blower Effluent Flow Velocity (4" diam.) (fpm)	SVE Blower Effluent Flow Rate (cfm)	SVE Blower Effluent Lab Result (ppmv)	SVE Blower Effluent PID Reading (ppmv)	VOC Removal Rate (lbs/hr)	VOC's Recovered Since Last O&M Visit (lbs.)	Cumulative lbs. of VOC's Recovered (lbs.)
8/4/2000	0	0	0.00%	2885	252	0.165	2.2	0.000648	0.00	0.000
10/9/2000	1584	627	39.58%	3759	328	0.119	0.0	0.000642	0.40	0.403
12/6/2000	1392	1032	74.14%	4103	358	0.067	0.0	0.000498	0.51	0.917
5/16/2001	3864	2320	60.04%	2805	245	0.0	0.0	0.000158	0.37	1.282
6/20/2001	840	792	94.29%	3195	279	0.0542	0.0	0.000111	0.09	1.370
9/11/2001	9672	1992	20.60%	3379	295	0.236	0.0	0.000855	1.70	1.704
1/17/2002	3072	2712	88.28%	2494	218	0.0015	0.0	0.000475	1.29	2.991
5/22/2002	3000	3000	100.00%	4500	393	0.0404	5.7	0.000100	0.30	3.291
9/24/2002	2976	1896	63.71%	3862	337	0.0	0.0	0.000115	0.00	3.291
5/28/2003	907	702	77.44%	2862	250	0.063	0.0	0.000144	0.10	3.392
9/3/2003	1344	1344	100.00%	2560	223	NS	0.0	0.000000	0.00	3.392
2/19/2004	1344	1344	100.00%	2560	223	0.0021	0.0	0.000004	0.005	3.397
7/23/2004	2208	2136	97.14%	2529	221	0.0017	0.0	0.000003	0.006	3.403

Note: SVE was not operating between 9/02 and 4/03

NS - Not Sampled

TABLE 4
FORMER FLAGSHIP HANGAR FACILITY
HISTORICAL GROUNDWATER DEPTHS, ELEVATIONS AND DISSOLVED OXYGEN MEASUREMENTS

	DG-1			MW-1			MW-2			MW-6			MW-7A			MW-8		
	TOC Elev. 162.27			TOC Elev. 156.03'			TOC Elev. 162.34'			TOC Elev. 158.64'			TOC Elev. 158.52 '			TOC Elev. 159.37'		
Date	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**
12/30/1996	8.65	153.62	NM	1.14	154.89	NM	5.83	156.51	NM	2.41	156.23	NM	1.98	156.54	NM	5.73	153.64	NM
4/2/1997	7.80	154.47	NM	0.79	155.24	NM	4.72	157.62	NM	2.24	156.40	NM	1.85	156.67	NM	5.18	154.19	NM
5/21/1999	9.00	153.27	12.59	2.32	153.71	14.87	7.32	155.02	15.23	3.75	154.89	13.51	3.45	155.07	13.00	6.19	153.18	12.53
2/9/2000	10.12	152.15	NM	NM	NM	NM	8.87	153.47	NM	5.33	153.31	NM	5.14	153.38	NM	7.33	152.04	NM
6/28/2000	8.45	153.82	NM	1.22	154.81	NM	5.98	156.36	NM	2.45	156.19	NM	2.15	156.37	NM	5.48	153.89	NM
8/3/2000	9.00	153.27	1.19	2.09	153.94	4.65	6.98	155.36	1.02	4.47	154.17	7.17	3.19	155.33	4.25	6.31	153.06	1.57
8/10/2000	8.78	153.49	NM	2.07	153.96	NM	6.94	155.40	NM	3.44	155.20	NM	3.17	155.35	NM	6.23	153.14	NM
8/31/2000	9.01	153.26	3.58	2.38	153.65	4.69	6.94	155.40	5.25	3.47	155.17	3.60	3.24	155.28	11.05	6.91	152.46	2.29
9/21/2000	9.16	153.11	2.48	2.45	153.58	5.59	5.90	156.44	4.28	2.39	156.25	3.62	3.49	155.03	6.98	5.95	153.42	1.76
10/16/2000	9.39	152.88	3.58	2.93	153.10	7.97	7.58	154.76	7.68	4.11	154.53	6.09	3.90	154.62	6.79	6.55	152.82	2.81
11/13/2000	9.55	152.72	1.75	2.92	153.11	8.58	6.36	155.98	4.48	2.97	155.67	5.09	4.23	154.29	6.56	6.39	152.98	2.37
12/6/2000	9.98	152.29	13.25*	3.51	152.52	0.77*	7.45	154.89	15.68*	4.35	154.29	10.61*	4.54	153.98	8.29*	6.88	152.49	17.4*
1/8/2001	9.37	152.90	1.83	3.06	152.97	3.33	9.22	153.12	5.38	4.94	153.70	5.57	4.60	153.92	6.24	6.52	152.85	2.52
2/19/2001	9.19	153.08	4.19	NM	NM	NM	10.07	152.27	11.15	6.05	152.59	13.03	5.03	153.49	8.13	6.35	153.02	2.33
3/28/2001	8.61	153.66	16.51*	1.37	154.66	17.86*	6.56	155.78	9.56*	3.02	155.62	15.73*	2.72	155.80	16.75*	5.75	153.62	15.53*
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/2001	9.26	153.01	0.73	NM	NM	NM	8.36	153.98	2.09	4.89	153.75	4.29	3.32	155.20	5.54	6.34	153.03	1.05
6/20-6/21/01	9.32	152.95	0.63	2.29	153.74	2.98	7.35	154.99	6.75	3.84	154.80	4.00	3.53	154.99	4.37	7.01	152.36	0.66
7/30/2001	9.93	152.34	0.77	3.21	152.82	1.22	8.81	153.53	2.82	5.30	153.34	3.56	4.53	153.99	4.17	7.33	152.04	1.08
8/16/2001	10.30	151.97	0.62	3.56	152.47	1.71	9.55	152.79	2.37	5.94	152.70	4.12	4.87	153.65	3.57	8.22	151.15	0.94
9/10/2001	10.81	151.46	0.62	3.95	152.08	1.08	7.60	154.74	3.69	4.40	154.24	9.97	4.93	153.59	4.12	9.22	150.15	1.35
10/31/2001	10.73	151.54	0.56	4.02	152.01	3.69	NM	NM	NM	4.75	153.89	4.86	5.50	153.02	3.72	NM	NM	NM
11/29/2001	11.13	151.14	0.81	4.35	151.68	6.27	10.49	151.85	5.65	7.76	150.88	7.10	6.02	152.50	3.54	8.90	150.47	1.34
12/13/2001	11.11	151.16	0.29	4.64	151.39	5.47	12.31	150.03	6.31	8.03	150.61	3.62	6.56	151.96	3.38	8.75	150.62	NM
1/17/2002	10.96	151.31	1.00	4.04	151.99	0.95	11.98	150.36	7.03	8.13	150.51	6.98	6.44	152.08	5.20	8.13	151.24	2.42
2/21/2002	11.03	151.24	0.72	4.55	151.48	0.72	10.28	152.06	4.12	6.73	151.91	3.25	6.49	152.03	2.94	8.21	151.16	0.37
3/20/2002	11.01	151.26	0.45	4.54	151.49	1.48	10.24	152.10	9.62	6.73	151.91	4.89	6.50	152.02	3.28	8.17	151.20	1.15
4/17/2002	10.40	151.87	1.38	4.07	151.96	2.40	11.24	151.10	2.28	7.15	151.49	3.27	6.18	152.34	3.96	7.78	151.59	1.61
5/22/2002	9.54	152.73	1.12	2.92	153.11	0.59	8.43	153.91	0.90	4.89	153.75	1.89	4.64	153.88	2.50	6.72	152.65	0.43
09/23&24/2002	10.08	152.19	0.50	3.40	152.63	2.03	8.40	153.94	4.48	5.01	153.63	3.40	4.82	153.70	2.63	7.35	152.02	0.56
10/21/2002	9.00	153.27	0.54	2.52	153.51	5.94	6.44	155.90	8.20	3.18	155.46	3.14	3.70	154.82	2.74	6.38	152.99	1.21
11/15/2002	9.42	152.85	2.18	2.74	153.29	7.75	7.93	154.41	4.72	4.40	154.24	3.98	4.15	154.37	4.04	6.68	152.69	1.50
12/17/2002	8.12	154.15	0.88	1.38	154.65	2.36	6.30	156.04	0.84	2.83	155.81	1.87	2.55	155.97	1.09	5.28	154.09	1.41
1/17/2003	8.59	153.68	1.04	NM	NM	NM	6.00	156.34	0.73	2.50	156.14	1.14	NM	NM	NM	5.53	153.84	0.83
2/12/2003	7.36	154.91	0.71	NM	NM	NM	4.60	157.74	0.86	NM	NM	NM	NM	NM	NM	4.62	154.75	0.63
3/20/2003	7.58	154.69	1.17	NM	NM	NM	5.42	156.92	1.03	NM	NM	NM	NM	NM	NM	4.81	154.56	1.03
4/21/2003	8.20	154.07	0.91	0.69	155.34	3.47	5.53	156.81	1.29	2.00	156.64	3.36	1.66	156.86	4.81	5.22	154.15	0.64
5/28/2003	8.60	153.67	0.75	1.50	154.53	6.55	6.48	155.86	1.03	2.95	155.69	3.27	5.28	153.24	5.28	5.79	153.58	0.42
7/9/2003	7.88	154.39	0.64	1.78	154.25	4.34	6.72	155.62	0.83	3.21	155.43	3.85	2.91	155.61	4.86	6.12	153.25	0.82
9/9/2003	8.55	153.72	0.71	1.85	154.18	1.03	6.81	155.53	1.11	3.3	155.34	1.43	2.96	155.56	0.98	5.97	153.40	1.14
10/16/2003	8.86	153.41	0.48	1.81	154.22	0.82	7.27	155.07	0.99	3.58	155.06	3.98	3.05	155.47	4.98	6.11	153.26	0.54
1/22/2004	8.65	153.62	6.46	NM	NM	NM	5.83	156.51	2.11	2.29	156.35	6.29	1.92	156.60	5.25	6.14	153.23	2.46
5/6/2004	9.10	153.17	0.14	1.95	154.08	0.02	7.08	155.26	1.01	3.46	155.18	6.52	3.17	155.35	3.78	6.55	152.82	0.1
6/3/2004	9.47	152.80	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.68	152.69	NM
7/21/2004	10.28	151.99	1.84	3.40	152.63	0.01	8.65	153.69	0.21	5.1	153.54	1.04	4.83	153.69	1.44	7.76	151.61	0.11

Notes:
Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
NM = Not Measured.
NI = Not installed as of this date.

All dissolved oxygen measurements are in mg/l.

* = DO measurement incorrect due to malfunctioning meter.

TABLE 4
FORMER FLAGSHIP HANGAR FACILITY
HISTORICAL GROUNDWATER DEPTHS, ELEVATIONS AND DISSOLVED OXYGEN MEASUREMENTS

	MW-9			MW-10			MW-9/10 R			MW-20			ME-12			ME-13			ME-14		
	TOC Elev. 158.87'			TOC Elev. 158.72'			TOC Elev. 158.46 '			TOC Elev. 159.24'			TOC Elev. 158.87'			TOC Elev. 159.50'			TOC Elev. 159.98'		
Date	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
12/30/1996	2.72	156.15	NM	2.58	156.14	NM	--	--	--	NG	NG	NM	3.12	155.75	NM	6.10	153.40	NM	3.91	156.07	NM
4/2/1997	4.54	154.33	NM	2.39	156.33	NM	--	--	--	NG	NG	NM	3.06	155.81	NM	5.65	153.85	NM	3.86	156.12	NM
5/21/1999	3.82	155.05	13.58	3.55	155.17	11.12	--	--	--	NG	NG	NI	4.50	154.37	14.39	7.10	152.40	10.13	5.39	154.59	10.41
2/9/2000	5.43	153.44	NM	5.20	153.52	NM	--	--	--	NG	NG	NM	5.83	153.04	NM	NM	NM	NM	6.71	153.27	NM
6/28/2000	2.91	155.96	NM	2.72	156.00	NM	--	--	--	4.46	154.78	NM	3.29	155.58	NM	7.14	152.36	NM	3.92	156.06	NM
8/3/2000	3.75	155.12	0.2	3.55	155.17	0.25	--	--	--	5.15	154.09	2.55	4.08	154.79	0.65	7.65	151.85	1.80	4.79	155.19	0.61
8/10/2000	3.72	155.15	NM	3.50	155.22	NM	--	--	--	5.09	154.15	NM	4.06	154.81	NM	6.69	152.81	NM	4.72	155.26	NM
8/31/2000	3.69	155.18	8.29	3.52	155.2	3.68	--	--	--	5.65	153.59	6.51	4.17	154.7	10.93	6.97	152.53	4.37	4.95	155.03	3.3
9/21/2000	3.54	155.33	1.67	3.80	154.92	3.39	--	--	--	4.56	154.68	3.88	3.76	155.11	9.34	8.79	150.71	3.89	5.31	154.67	2.07
10/16/2000	3.99	154.88	7.77	4.12	154.6	2.72	--	--	--	4.90	154.34	7.37	4.70	154.17	10.51	NM	NM	NG	5.76	154.22	3.18
11/13/2000	4.53	154.34	2.02	4.58	154.14	2.11	--	--	--	5.44	153.8	8.38	3.32	155.55	10.55	9.93	149.57	1.56	9.93	150.05	1.56
12/6/2000	4.80	154.07	2.06*	4.67	154.05	2.39*	--	--	--	6.44	152.8	5.82	5.19	153.68	10.66*	8.04	151.46	6.97*	6.45	153.53	0.6*
1/8/2001	4.65	154.22	8.61	4.58	154.14	4.28	--	--	--	6.02	153.22	5.59	5.18	153.69	10.58	7.85	151.65	1.97	6.30	153.68	2.21
2/19/2001	4.60	154.27	9.38	4.20	154.52	8.91	--	--	--	5.56	153.68	6.59	6.64	152.23	8.94	6.92	152.58	1.14	5.62	154.36	1.38
3/28/2001	3.32	155.55	13.77*	3.15	155.57	9.77*	--	--	--	4.70	154.54	13.08*	3.67	155.20	10.95*	6.41	153.09	16.11*	4.50	155.48	11.53*
4/19-4/20/01	NM	NM	NM	NM	NM	NM	--	--	--	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/2001	3.68	155.19	0.74	3.45	155.27	0.58	--	--	--	5.11	154.13	0.58	4.53	154.34	1.48	NM	NM	NM	5.00	154.98	1.14
6/20-6/21/01	3.98	154.89	0.68	3.73	154.99	0.70	--	--	--	5.65	153.59	0.81	4.52	154.35	5.68	7.12	152.38	1.07	5.15	154.83	0.63
7/30/2001	4.91	153.96	0.36	4.60	154.12	0.31	--	--	--	6.13	153.11	2.16	5.93	152.94	6.65	NM	NM	NM	5.95	154.03	0.53
8/16/2001	5.14	153.73	0.45	5.06	153.66	0.43	--	--	--	6.92	152.32	0.54	7.25	151.62	4.09	8.13	151.37	0.69	6.38	153.60	0.57
9/10/2001	4.98	153.89	0.58	5.33	153.39	0.54	--	--	--	7.61	151.63	0.79	5.15	153.72	10.72	7.55	151.95	0.89	6.90	153.08	0.39
10/31/2001	5.40	153.47	0.87	5.84	152.88	0.69	--	--	--	6.82	152.42	1.92	5.63	153.24	3.14	9.56	149.94	0.56	7.23	152.75	0.72
11/29/2001	6.08	152.79	0.59	6.32	152.40	0.47	--	--	--	6.92	152.32	1.56	8.27	150.60	2.41	8.61	150.89	0.91	7.65	152.33	0.93
12/13/2001	6.69	152.18	0.91	6.54	152.18	0.56	--	--	--	7.92	151.32	4.15	7.85	151.02	5.80	11.23	148.27	0.52	7.82	152.16	0.67
1/17/2002	6.07	152.80	0.59	6.29	152.43	1.40	--	--	--	NM	NM	NM	7.93	150.94	2.60	9.10	150.40	1.30	7.83	152.15	1.33
2/21/2002	6.75	152.12	NM	6.63	152.09	1.36	--	--	--	7.68	151.56	0.72	6.96	151.91	4.07	9.18	150.32	1.22	7.82	152.16	0.65
3/20/2002	6.77	152.10	NM	6.70	152.02	NM	--	--	--	7.68	151.56	1.38	7.00	151.87	1.32	NM	NM	NM	7.93	152.05	0.70
4/17/2002	6.64	152.23	3.46	6.30	152.42	3.16	--	--	--	7.34	151.90	5.34	7.11	151.76	2.03	NM	NM	NM	7.33	152.65	2.94
5/22/2002	5.03	153.84	0.95	4.83	153.89	0.50	--	--	--	6.06	153.18	1.06	5.20	153.67	1.56	NM	NM	NM	6.14	153.84	0.87
09/23&24/2002	4.91	153.96	0.73	4.94	153.78	0.42	--	--	--	5.69	153.55	5.95	5.58	153.29	5.43	**7.99**	**151.51**	0.63	6.38	153.60	0.81
10/21/2002	3.98	154.89	0.27	4.02	154.70	0.22	--	--	--	5.54	153.70	1.09	4.00	154.87	8.60	**5.94**	**153.56**	2.18	5.23	154.75	0.33
11/15/2002	4.55	154.32	0.83	4.35	154.37	0.77	--	--	--	4.91	154.33	6.02	4.88	153.99	2.95	**7.29**	**152.21**	1.45	5.62	154.36	1.02
12/17/2002	3.07	155.80	0.44	2.91	155.81	0.38	--	--	--	4.50	154.74	1.11	3.39	155.48	2.01	**4.24**	**155.26**	0.61	4.15	155.83	0.78
1/17/2003	2.82	156.05	0.77	2.61	156.11	0.67	--	--	--	6.02	153.22	1.08	NM	NM	NM	**5.95**	**153.55**	0.88	4.00	155.98	0.89
2/12/2003	2.65	156.22	1.13	2.61	156.11	1.04	--	--	--	4.28	154.96	0.87	NM	NM	NM	**4.49**	**155.01**	0.55	2.98	157.00	0.66
3/20/2003	2.20	156.67	1.43	2.00	156.72	1.28	--	--	--	NM	NM	NM	NM	NM	NM	**2.55**	**156.95**	0.77	3.26	156.72	0.91
4/21/2003	2.35	156.52	NM	2.18	156.54	NM	--	--	--	3.80	155.44	2.49	2.63	156.24	1.85	**5.86**	**153.64**	1.61	3.54	156.44	1.44
5/28/2003	3.21	155.66	8.81	3.04	155.68	1.06	--	--	--	4.70	154.54	6.97	3.50	155.37	10.82	**5.29**	**154.21**	1.04	4.42	155.56	0.89
7/9/2003	3.48	155.39	2.2	3.26	155.46	0.6	--	--	--	3.95	155.29	5.5	3.73	155.14	10.39	**6.44**	**153.06**	0.75	4.59	155.39	0.79
9/3/2003	3.63	155.24	2.35	3.39	155.33	1.67	--	--	--	0.50	158.74	0.91	3.98	154.89	1.21	**6.53**	**152.97**	0.51	4.82	155.16	0.83
10/16/2003	3.44	155.43	0.62	3.62	155.10	0.44	--	--	--	4.64	154.60	6.15	4.00	154.87	0.99	**6.69**	**152.81**	1.56	4.71	155.27	0.92
1/22/2004	**	**	**	**	**	**	1.89	156.57	7.19	6.53	152.71	7.82	NM	NM	NM	**6.18**	**153.32**	1.66	3.85	156.13	0.95
5/6/2004	**	**	**	**	**	**	3.02	155.44	4.89	4.66	154.58	4.83	4.06	154.81	2.68	6.83	152.67	0.14	4.88	155.10	0.1
6/3/2004	**	**	**	**	**	**	NM	NM	NM	5.59	153.65	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
7/21/2004	**	**	**	**	**	**	4.68	153.78	1.18	7.30	151.94	0.91	5.61	153.26	0.53	8.1	151.40	0.03	6.36	153.62	0.02

Notes:
Joint water level gaugiNM on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
NM = Not Measured.
NI = Not installed as of this date.

Red = corrected groundwater elevation measurement

** = well removed October 2003

-- = Well not installed until October 2003

All dissolved oxygen measurements are in mg/l.

* = DO measurement incorrect due to malfunctioning meter.

TABLE 4
FORMER IBM HANGAR FACILITY
HISTORICAL GROUNDWATER DEPTHS, ELEVATIONS AND DISSOLVED OXYGEN MEASUREMENTS

	ME-15			ME-16			ME-18			ME-19			PZ-1		
	TOC Elev. 159.66'			TOC Elev. 159.09'			TOC Elev. 157.82'			TOC Elev. 161.08'			TOC Elev. 157.46'		
Date	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**
12/30/1996	3.58	156.08	NM	2.45	156.64	NM	2.31	155.51	NM	NM	NM	NM	NM	NM	NM
4/2/1997	3.58	156.08	NM	2.43	156.66	NM	2.27	155.55	NM	6.31	154.77	NM	NM	NM	NM
5/21/1999	5.10	154.56	9.09	4.00	155.09	9.86	3.29	154.53	14.69	7.68	153.4	13.17	NM	NM	NI
2/9/2000	NM	NM	NM	NM	NM	NM	4.89	152.93	NM	8.86	152.22	NM	NM	NM	NM
6/28/2000	4.20	155.46	NM	2.55	156.54	NM	1.95	155.87	NM	7.48	153.6	NM	3.24	154.22	NM
8/3/2000	4.29	155.37	3	3.65	155.44	0.86	3.17	154.65	3.36	7.37	153.71	2.32	3.89	153.57	0.5
8/10/2000	4.35	155.31	NM	3.59	155.50	NM	3.13	154.69	NM	7.32	153.76	NM	3.84	153.62	NM
8/31/2000	4.53	155.13	3.78	3.58	155.51	3.88	3.18	154.64	4.51	8.08	153.00	2.48	4.50	152.96	6.39
9/21/2000	5.07	154.59	1.67	3.96	155.13	1.98	3.17	154.65	2.96	7.32	153.76	3.93	3.70	153.76	1.19
10/16/2000	5.44	154.22	4.33	4.52	154.57	3.58	6.99	150.83	2.89	4.50	156.58	3.93	4.91	152.55	3.51
11/13/2000	5.51	154.15	1.71	4.81	154.28	2.19	6.00	151.82	2.19	8.87	152.21	2.96	3.40	154.06	2.84
12/6/2000	6.05	153.61	0.35	5.30	153.79	16.08*	5.43	152.39	15.24*	7.96	153.12	12.57*	4.91	152.55	3.72
1/8/2001	6.00	153.66	2.51	NM	NM	NM	5.60	152.22	2.73	8.25	152.83	0.44	NM	NM	NM
2/19/2001	9.31	150.35	1.22	NM	NM	NM	3.94	153.88	8.71	7.81	153.27	3.28	NM	NM	NM
3/28/2001	4.16	155.50	17.42*	3.26	155.83	12.62*	2.55	155.27	10.86*	7.51	153.57	14.44*	3.41	154.05	NM
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/2001	NM	NM	NM	3.85	155.24	0.85	3.36	154.46	1.89	7.59	153.49	1.19	4.11	153.35	2.63
6/20-6/21/01	4.59	155.07	1.30	3.94	155.15	0.61	3.41	154.41	3.35	8.21	152.87	0.66	4.31	153.15	2.11
7/30/2001	NM	NM	NM	4.80	154.29	0.50	3.18	154.64	2.49	8.61	152.47	0.63	5.11	152.35	2.47
8/16/2001	6.03	153.63	1.71	5.25	153.84	0.64	4.40	153.42	2.28	8.84	152.24	0.76	5.60	151.86	2.21
9/10/2001	8.56	151.10	0.98	5.77	153.32	0.85	4.82	153.00	3.49	9.65	151.43	1.25	WNA	WNA	WNA
10/31/2001	6.89	152.77	0.61	6.15	152.94	1.35	4.96	152.86	2.97	NM	NM	NM	5.89	151.57	2.12
11/29/2001	9.76	149.90	0.73	6.56	152.53	0.43	5.67	152.15	1.47	9.84	151.24	0.71	4.87	152.59	1.09
12/13/2001	8.01	151.65	0.41	6.80	152.29	0.52	6.85	150.97	1.88	10.27	150.81	NM	6.49	150.97	2.82
1/17/2002	7.93	151.73	2.62	NM	NM	NM	6.47	151.35	1.26	9.55	151.53	0.76	6.11	151.35	2.13
2/21/2002	7.58	152.08	1.92	6.91	152.18	0.70	6.04	151.78	1.19	9.77	151.31	0.41	6.17	151.29	1.86
3/20/2002	NM	NM	NM	6.92	152.17	0.90	6.01	151.81	96.00	9.70	151.38	0.63	6.18	151.28	1.51
4/17/2002	NM	NM	NM	6.35	152.74	1.48	NM	NM	NM	9.22	151.86	1.61	5.72	151.74	4.96
5/22/2002	NM	NM	NM	4.64	154.45	0.85	NM	NM	NM	8.15	152.93	0.62	4.67	152.79	0.38
09/23&24/202	6.04	153.62	1.34	5.24	153.85	0.73	4.60	153.22	NM	8.60	152.48	1.97	5.24	152.22	0.47
10/21/2002	4.85	154.81	1.53	4.12	154.97	0.44	NM	NM	NM	7.59	153.49	3.93	4.23	153.23	1.73
11/15/2002	5.27	154.39	2.64	4.46	154.63	2.64	NM	NM	NM	7.94	153.14	2.09	4.50	152.96	0.83
12/17/2002	4.08	155.58	0.55	4.70	154.39	0.62	NM	NM	NM	6.60	154.48	0.99	3.15	154.31	1.22
1/17/2003	4.17	155.49	1.01	NM	NM	NM	NM	NM	NM	6.60	154.48	0.97	3.30	154.16	0.96
2/12/2003	4.26	155.40	0.83	NM (snow)	NM (snow)	NM (snow)	2.38	155.44	0.91	6.04	155.04	1.05	3.62	153.84	0.80
3/20/2003	2.97	156.69	0.69	2.44	156.65	0.79	1.46	156.36	1.13	5.91	155.17	1.06	2.50	154.96	0.71
4/21/2003	3.22	156.44	1.78	2.11	156.98	1.85	1.56	156.26	1.32	6.28	154.80	2.07	2.90	154.56	2.03
5/28/2003	3.83	155.83	0.97	3.03	156.06	0.85	2.49	155.33	1.92	6.90	154.18	0.32	3.46	154.00	0.34
7/9/2003	4.25	155.41	0.91	3.30	155.79	0.77	2.73	155.09	2.79	7.33	153.75	0.72	3.70	153.76	0.75
9/3/2003	4.56	155.10	1.04	3.40	155.69	1.01	2.88	154.94	1.44	7.17	153.91	1.08	NM	NM	0.90
10/16/2003	4.35	155.31	0.93	3.46	155.63	0.88	2.88	154.94	0.90	7.30	153.78	0.60	3.83	153.63	0.68
1/22/2004	3.56	156.10	2.10	NM	NM	NM	3.16	154.66	1.11	7.17	153.91	10.02	3.60	153.86	2.44
5/6/2004	4.53	155.13	0.33	3.55	155.54	0.25	3.01	154.81	1.08	8.50	152.58	5.20	4.12	153.34	0.13
6/3/2004	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.90	153.18	NM	4.41	153.05	NM
7/21/2004	6.04	153.62	0.09	5.21	153.88	0.01	4.65	153.17	0.14	10.27	150.81	1.28	5.51	151.95	0.01
Notes:															

Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
NM = Not Measured.
All dissolved oxygen measurements are in mg/l.
* = DO measurement incorrect due to malfunctioning meter.
Red = corrected groundwater elevation measurement

TABLE 4
FORMER IBM HANGAR FACILITY
HISTORICAL GROUNDWATER DEPTHS, ELEVATIONS AND DISSOLVED OXYGEN MEASUREMENTS

	A-8S			A-16S			A-19S			A-20S			A-26S		
	TOC Elev. 157.86'			TOC Elev. 157.40'			TOC Elev. 159.04'			TOC Elev. 158.76'			TOC Elev. 154.94'		
Date	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**	**DTW**	**GW Elev**	**DO**
6/28/2000	8.65	149.21	NM	5.06	152.34	NM	5.83	153.21	NM	6.33	152.43	NM	2.04	152.90	NM
8/3/2000	5.07	152.79	2.06	5.37	152.03	0.62	6.79	152.25	2.30	6.64	152.12	0.64	3.40	151.54	3.95
8/10/2000	5.00	152.86	NM	5.29	152.11	NM	6.71	152.33	NM	6.52	152.24	NM	2.61	152.33	NM
8/31/2000	5.25	152.61	3.90	5.57	151.83	1.74	6.89	152.15	3.33	6.82	151.94	4.55	2.55	152.39	8.19
9/21/2000	5.35	152.51	4.59	5.69	151.71	2.48	7.11	151.93	2.37	6.92	151.84	4.38	3.09	151.85	3.47
10/16/2000	5.67	152.19	4.49	5.95	151.45	4.81	7.48	151.56	5.36	7.32	151.44	4.66	3.41	151.53	3.78
11/13/2000	5.65	152.21	3.36	5.92	151.48	8.19	7.39	151.65	7.29	7.22	151.54	5.29	3.90	151.04	2.91
12/6/2000	6.16	151.70	11.84	6.26	151.14	6.81	7.72	151.32	5.54	7.62	151.14	8.33	3.91	151.03	2.99*
1/8/2001	5.88	151.98	1.83	6.09	151.31	7.78	7.57	151.47	4.03	NM	NM	NM	3.50	151.44	0.81
2/19/2001	5.30	152.56	2.34	5.50	151.90	4.90	6.96	152.18	6.41	NM	NM	NM	NM	NM	NM
3/28/2001	4.71	153.15	21.61*	5.01	152.39	NM	6.38	152.66	NM	6.18	152.58	NM	2.75	152.19	20.48*
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/2001	5.30	152.56	1.93	5.62	151.78	1.33	7.05	152.09	1.42	6.79	151.97	0.93	3.00	151.94	1.79
6/20-6/21/01	5.32	152.54	1.70	5.60	151.80	1.95	7.09	151.95	1.01	6.93	151.83	0.58	3.71	151.23	0.53
7/30/2001	6.00	151.86	1.16	6.19	151.21	1.70	7.67	151.37	0.83	7.45	151.31	0.57	3.63	151.31	0.69
8/16/2001	6.28	151.58	0.94	6.43	150.97	1.96	7.94	151.10	0.71	7.79	150.97	0.39	3.90	151.04	0.45
9/10/2001	6.65	151.21	0.83	6.75	150.65	2.00	8.26	150.78	0.77	8.01	150.75	0.84	4.30	150.64	0.59
10/31/2001	6.70	151.16	0.47	6.86	150.54	2.36	8.35	150.69	0.48	8.14	150.62	0.68	4.20	150.74	0.44
11/29/2001	6.94	150.92	0.66	7.09	150.31	4.65	8.60	150.44	2.56	8.34	150.42	1.17	NM	NM	NM
12/13/2001	7.15	150.71	NM	7.13	150.27	2.48	8.68	150.36	1.67	8.35	150.41	NM	4.64	150.30	0.55
1/17/2002	6.89	150.97	0.89	7.05	150.35	5.95	8.53	150.51	2.98	8.28	150.48	1.20	4.40	150.54	0.61
2/21/2002	6.97	150.89	75.00	7.07	150.33	5.86	8.52	150.52	2.57	8.24	150.52	1.26	4.43	150.51	1.10
3/20/2002	6.99	150.87	0.37	7.08	150.32	3.28	8.55	150.49	1.71	8.30	150.46	0.57	4.40	150.54	0.39
4/17/2002	6.54	151.32	1.42	6.71	150.69	4.21	8.22	150.82	1.59	7.94	150.82	1.58	3.93	151.01	1.19
5/22/2002	5.50	152.36	1.02	5.70	151.70	3.62	7.15	151.83	1.78	6.93	151.83	1.47	3.16	151.78	1.81
09/23&24/2002	6.06	151.80	0.63	6.31	151.09	1.64	7.76	151.22	0.36	7.55	151.21	0.28	3.68	151.26	0.35
10/21/2002	5.00	152.86	0.87	5.28	152.12	4.39	6.69	152.29	5.98	6.52	152.24	0.72	2.81	152.13	0.47
11/15/2002	5.43	152.43	2.07	5.72	151.68	4.35	7.15	151.83	4.33	6.93	151.83	1.01	3.25	151.69	1.16
12/17/2002	4.23	153.63	0.76	4.70	152.70	5.92	5.92	153.06	1.04	5.75	153.01	1.24	2.03	152.91	1.23
1/17/2003	4.62	153.24	0.68	NM	NM	NM	6.25	152.73	0.53	6.02	152.74	0.52	2.21	152.73	0.93
2/12/2003	5.15	152.71	0.61	NM (snow)	NM (snow)	NM (snow)	6.43	152.55	0.74	6.05	152.71	1.01	2.01	152.93	0.48
3/20/2003	3.76	154.10	0.49	4.23	153.17	0.87	5.46	153.52	1.01	5.26	153.50	0.63	0.98	153.96	0.52
4/21/2003	4.27	153.59	1.04	4.79	152.61	5.19	6.05	152.93	0.97	5.25	153.51	1.14	2.25	152.69	2.54
5/28/2003	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	2.60	152.34	0.37
7/9/2003	4.58	153.28	2.66	5.08	152.32	0.96	6.41	152.57	0.82	6.25	152.51	1.22	2.82	152.12	0.58
9/3/2003	4.60	153.26	0.77	5.07	152.33	0.87	6.41	152.57	0.54	6.23	152.53	0.48	2.71	152.23	0.85
10/16/2003	4.82	153.04	1.03	5.33	152.07	2.58	6.68	152.30	0.87	6.50	152.26	1.90	3.76	151.18	0.76
1/22/2004	4.61	153.25	3.12	5.01	152.39	7.01	6.37	152.61	4.19	6.28	152.48	2.14	5.61	149.33	7.25
5/6/2004	4.97	152.89	0.19	5.45	151.95	0.09	6.84	152.20	0.62	6.70	152.06	0.34	3.53	151.41	0.02
6/3/2004	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.01	151.75	NM	3.35	151.59	NM
7/21/2004	NM	NM	NM	6.37	151.03	0.47	7.89	151.15	1.96	7.67	151.09	0.05	4.10	150.84	0.01
Notes:															

Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
NM = Not Measured.
All dissolved oxygen measurements are in mg/l.
* = DO measurement incorrect due to malfunctioning meter.
Red = corrected groundwater elevation measurement

TABLE 4
FORMER FLAGSHIP HANGAR FACILITY
HISTORICAL GROUNDWATER DEPTHS, ELEVATIONS AND DISSOLVED OXYGEN MEASUREMENTS

	A-27S			A-39S			A-40S			A-41S			A-42S			A-43S			A-44S		
	TOC Elev. 157.74'			TOC Elev. 159.51			TOC Elev. 161.03'			TOC Elev. 160.64'			TOC Elev. 159.40'			TOC Elev. 157.89'			TOC Elev. 155.33'		
Date	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
6/28/2000	4.35	153.39	NM	6.75	152.76	NM	7.81	153.22	NM	7.94	152.70	NM	7.05	152.35	NM	4.75	153.14	NM	2.72	152.61	NM
8/3/2000	5.27	152.47	1.00	7.05	152.46	5.78	7.88	153.15	0.48	7.71	152.93	0.54	7.88	151.52	0.47	5.77	152.12	2.15	4.32	151.01	1.88
8/10/2000	5.20	152.54	NM	6.96	152.55	NM	7.66	153.37	NM	7.61	153.03	NM	7.60	151.80	NM	4.66	153.23	NM	4.30	151.03	NM
8/31/2000	5.32	152.42	2.90	7.23	152.28	7.28	8.55	152.48	2.31	8.09	152.55	9.36	6.98	152.42	2.04	5.07	152.82	2.11	NG	NG	WNA
9/21/2000	4.83	152.91	2.99	7.47	152.04	6.18	6.75	154.28	3.59	7.37	153.27	7.36	5.43	153.97	2.68	4.64	153.25	3.18	NG	NG	WNA
10/16/2000	5.43	152.31	3.43	7.58	151.93	7.57	7.22	153.81	2.89	7.90	152.74	9.26	6.27	153.13	3.81	5.52	152.37	3.38	4.83	150.50	3.59
11/13/2000	5.19	152.55	3.38	7.62	151.89	9.32	7.54	153.49	2.58	8.02	152.62	3.53	5.77	153.63	2.67	4.81	153.08	2.49	4.83	150.5	3.05
12/6/2000	5.78	151.96	4.17*	6.02	153.49	5.26	8.37	152.66	4.08	8.43	152.21	12.17*	6.86	152.54	4.47*	5.67	152.22	12.23*	5.04	150.29	2.56
1/8/2001	5.55	152.19	1.09	7.81	151.70	7.47	NM	NM	NM	8.10	152.54	1.79	NM	NM	NM	NM	NM	NM	NM	NM	NM
2/19/2001	5.01	152.73	8.53	7.20	152.31	3.43	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
3/28/2001	4.50	153.24	17.84*	6.70	152.81	NM	7.24	153.79	NM	7.60	153.04	15.18*	5.62	153.78	15.19*	4.20	153.66	16.00*	3.89	151.44	NM
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
5/16/2001	5.05	152.69	0.94	7.41	152.10	3.86	7.70	153.33	0.54	NG	NG	NM	6.01	153.39	0.60	4.76	153.10	0.93	4.49	150.84	0.93
6/20-6/21/01	5.24	152.50	0.69	7.36	152.15	4.99	8.35	152.68	0.71	8.00	152.64	0.58	7.10	152.30	0.82	5.22	152.64	1.10	4.52	150.81	0.55
7/30/2001	6.04	151.70	0.73	7.97	151.54	4.39	8.76	152.27	0.53	8.58	152.06	0.78	7.63	151.77	0.65	5.86	152.03	1.08	4.97	150.36	1.01
8/16/2001	6.33	151.41	0.98	8.24	151.27	2.09	9.60	151.43	0.69	9.11	151.53	0.74	8.07	151.33	0.81	6.24	151.65	0.91	5.41	149.92	0.37
9/10/2001	6.98	150.76	0.67	8.55	150.96	1.35	11.24	149.79	0.56	10.13	150.51	0.52	9.30	150.10	1.63	6.75	151.14	0.94	5.42	149.91	0.90
10/31/2001	6.64	151.10	0.60	8.72	150.79	0.78	9.46	151.57	0.92	9.18	151.46	0.43	7.88	151.52	0.51	6.47	151.42	0.77	5.51	149.82	0.39
11/29/2001	6.93	150.81	0.66	8.93	150.58	0.69	10.46	150.57	0.43	10.02	150.62	0.70	8.54	150.86	0.93	6.82	151.07	1.40	NM	NM	NM
12/13/2001	7.28	150.46	0.16	8.96	150.55	NM	10.27	150.76	0.43	9.88	150.76	0.54	8.71	150.69	0.38	6.98	150.91	0.26	5.74	149.59	0.79
1/17/2002	6.85	150.89	0.70	8.87	150.64	1.20	9.70	151.33	1.20	9.93	150.71	0.60	8.12	151.28	0.85	6.62	151.27	1.53	5.64	149.69	NM
2/21/2002	6.89	150.85	1.14	8.88	150.63	0.97	9.81	151.22	0.19	9.51	151.13	0.72	8.12	151.28	0.50	6.78	151.11	0.42	5.65	149.68	NM
3/20/2002	6.90	150.84	0.41	8.92	150.59	0.59	9.78	151.25	0.28	10.22	150.42	0.27	9.71	149.69	0.49	7.60	150.29	0.75	5.80	149.53	1.35
4/17/2002	6.45	151.29	1.74	8.50	151.01	0.87	9.94	151.09	2.33	9.79	150.85	1.37	9.33	150.07	1.53	7.20	150.69	1.52	5.21	150.12	1.93
5/22/2002	5.57	152.17	1.05	7.42	152.09	6.42	8.25	152.14	0.52	8.13	151.84	0.71	6.86	150.99	0.47	5.31	151.75	0.57	5.06	150.27	0.96
09/23&24/2002	6.06	151.68	0.39	8.07	151.44	1.84	9.43	150.96	0.21	9.62	150.35	0.43	8.78	**149.07**	0.41	6.67	**150.39**	0.51	4.94	150.39	0.84
10/21/2002	5.13	152.61	1.20	6.91	152.60	7.85	8.40	151.99	0.75	8.79	151.18	0.43	7.88	**149.97**	0.47	5.65	**151.41**	0.77	4.30	151.03	0.77
11/15/2002	5.48	152.26	1.13	7.43	152.08	7.99	8.72	151.67	1.71	8.67	151.30	1.79	8.14	**149.71**	0.98	5.98	**151.08**	2.35	4.53	150.80	2.35
12/17/2002	4.28	153.46	1.38	6.15	153.36	0.72	7.40	152.99	0.91	7.51	152.46	1.16	6.74	**151.11**	0.93	4.62	**152.44**	1.08	3.87	151.46	0.91
1/17/2003	4.44	153.30	0.47	6.60	152.91	0.73	7.42	152.97	0.89	7.81	152.16	0.91	6.83	**151.02**	0.86	4.67	**152.39**	0.55	4.08	151.25	0.71
2/12/2003	5.87	151.87	0.59	6.81	152.70	0.85	6.70	153.69	0.64	6.75	153.22	0.88	6.56	**151.29**	0.51	5.38	**151.68**	0.73	2.43	152.90	0.81
3/20/2003	3.78	153.96	0.46	3.87	155.64	0.63	6.75	153.64	0.84	5.31	154.66	0.81	5.99	**151.86**	0.66	4.03	**153.03**	0.77	1.87	153.46	0.61
4/21/2003	4.20	153.54	2.01	6.40	153.11	1.43	7.14	153.25	1.11	7.61	152.36	1.03	6.37	**151.48**	1.43	4.40	**152.66**	1.08	3.96	151.37	1.50
5/28/2003	4.66	153.08	0.40	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	NG (Lock)	6.98	**153.97 (1)**	1.05	5.02	**153.70 (1)**	1.21	4.16	151.17	0.42
7/9/2003	4.85	152.89	0.67	6.65	152.86	2.23	7.20	153.19	0.70	7.16	152.81	0.87	6.14	**151.71**	0.82	4.42	**152.64**	1.30	4.25	151.08	0.51
9/3/2003	4.81	152.93	0.87	6.63	152.88	1.02	7.29	153.10	1.10	7.31	152.66	1.14	5.70	**152.15**	0.81	4.32	**152.74**	0.73	4.14	151.19	0.61
10/16/2003	5.02	152.72	0.41	6.98	152.53	5.25	7.45	152.94	0.74	7.48	152.49	0.62	7.26	**150.59**	0.55	4.40	**152.66**	0.76	4.31	151.02	0.36
1/22/2004	5.29	152.45	0.69	6.69	152.82	6.46	9.78	150.61	7.67	7.51	152.46	3.35	8.61	**149.24**	9.46	5.03	**152.03**	1.46	4.10	151.23	2.61
5/6/2004	5.33	152.41	0.20	7.15	152.36	5.30	8.70	152.33	3.62	7.74	152.90	0.11	6.79	152.61	3.94	5.38	152.51	0.10	4.47	150.86	0.07
6/3/2004	NM	NM	NM	NM	NM	NM	8.03	153.00	NM	7.79	152.85	NM	6.45	152.95	NM	5.19	152.70	NM	NM	NM	NM
7/21/2004	6.51	151.23	0.05	8.24	151.27	0.54	10.05	150.98	1.78	8.77	151.87	0.04	7.94	151.46	1.28	6.13	151.76	0.01	5.10	150.23	0.00
Notes:																					

Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, IT Corporation did not collect prior to this date.
NM = Not Measured.
WNA = Well Not Accessible at time of gauging.
All dissolved oxygen measurements are in mg/l.
* = DO measurement incorrect due to malfunctioning meter.
Red = corrected groundwater elevation measurement

TABLE 5
ANALYTICAL RESULTS OVERBURDEN MONITORING WELLS 3 - May 06, 2004
FORMER FLAGSHIP AIRLINES HANGAR - DUTCHESS COUNTY AIRPORT
ORDER ON CONSENT NOL W3-0837-00-06, NYSDEC SITE NO. 3-14-101

Field Parameters	NYSDEC Standard (1)	ME-12	ME-13	ME-14	ME-15	ME-16	ME-18	ME-19	MW-1	MW-2	MW-6	MW-7A	MW-8	MW-9/10R	MW-20	DG-1	Septic	DUP 1 (A-42S)
pH	6.5-8.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Temperature (deg Celsius)	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Conductivity (umhos/cm)	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Turbidity (NTU)	5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Dissolved Oxygen (ppm)	--	0.53	0.03	0.02	0.09	0.01	0.14	1.28	0.01	0.21	1.04	1.44	0.11	1.18	0.91	1.84	NS	1.28
Volatile Organic Compound by ASP/CLP Method (ug/L)																		
Vinyl Chloride	2	ND	NS	ND	NS	NS	ND	ND	NS	ND	ND	NS	ND	ND	ND	ND	NS	ND
Chloroethane	5	ND	NS	ND	NS	NS	ND	ND	NS	ND	ND	NS	ND	ND	ND	ND	NS	ND
1,1-Dichloroethane	5	ND	NS	ND	NS	NS	ND	ND	NS	ND	ND	NS	0.4J	ND	ND	ND	NS	0.6J
1,2-Dichloroethene, Total	5	ND	NS	ND	NS	NS	ND	ND	NS	ND	ND	NS	ND	ND	ND	ND	NS	ND
Tetrachloroethene	5	ND	NS	0.6J	NS	NS	ND	2	NS	ND	2	NS	ND	ND	ND	ND	NS	ND
Semi-Volatile Organic Compound by ASP/CLP Method (ug/L)																		
Phenol	1 (3)	ND	NS	ND	NS	NS	ND	ND	NS	ND	ND	NS	ND	ND	ND	ND	NS	ND
4-Methylphenol	1 (3)	ND	NS	ND	NS	NS	ND	ND	NS	ND	ND	NS	ND	ND	ND	ND	NS	ND
Naphthalene	--	ND	NS	ND	NS	NS	ND	ND	NS	ND	ND	NS	ND	ND	ND	ND	NS	ND

Notes:
Only compounds detected at one or more sampling locations are listed.
BOLD values indicate detections above NYSDEC Standards or Guidance Values.
(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.
(3) = The collective sum of all phenol compounds should not exceed 1 ug/l.
U = Indicates compound was analyzed for but not detected.
J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.
D = Identifies all compounds in analysis at a secondary dilution factor.
NS = Not Sampled.
ND = Not Detected.

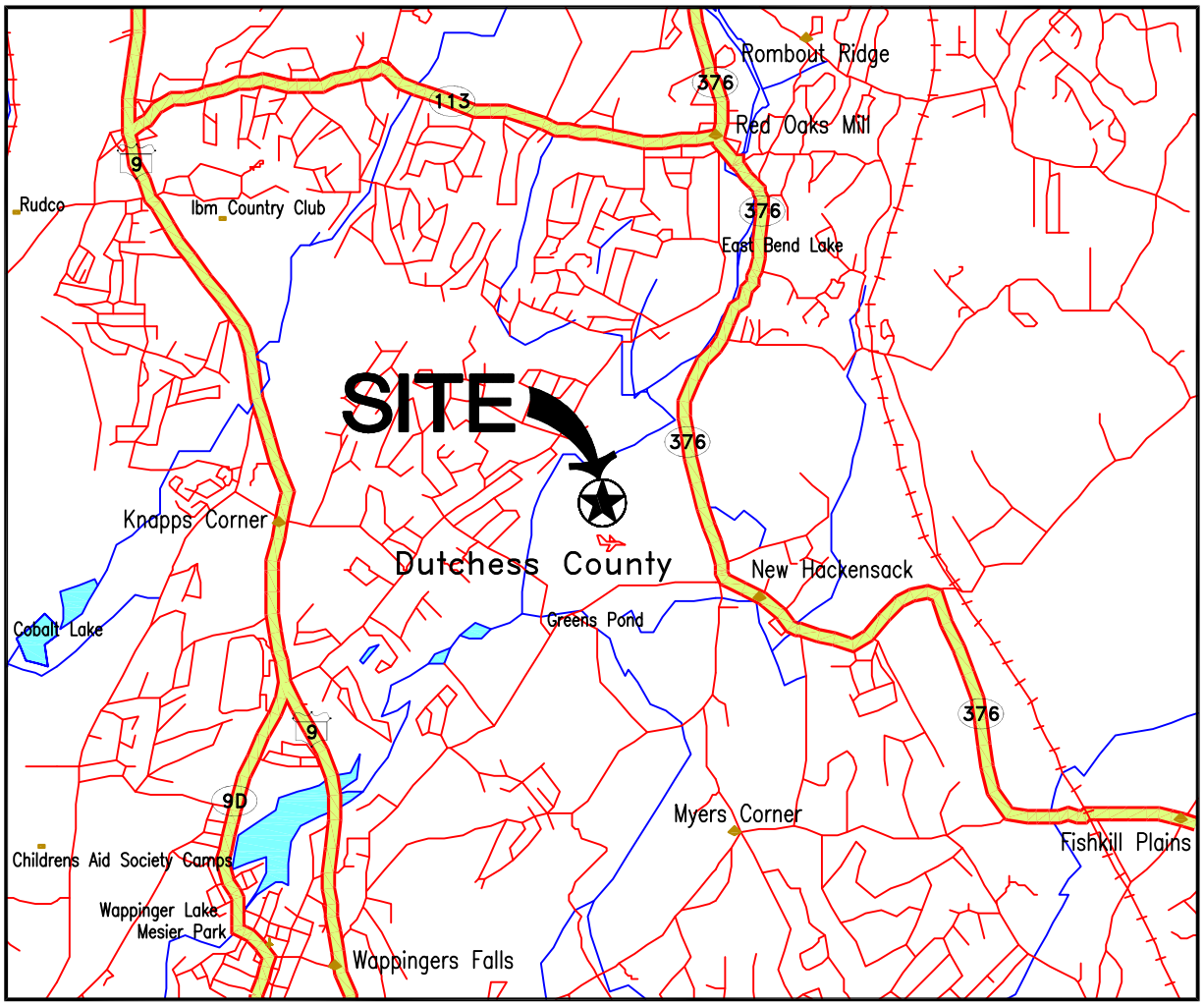
TABLE 5 (Continued)
ANALYTICAL RESULTS OVERBURDEN MONITORING WELLS -May 06, 2004
FORMER IBM SHALLOW WELLS
ORDER ON CONSENT NO. W3-0837-00-06, NYSDEC SITE NO. 3-14-101

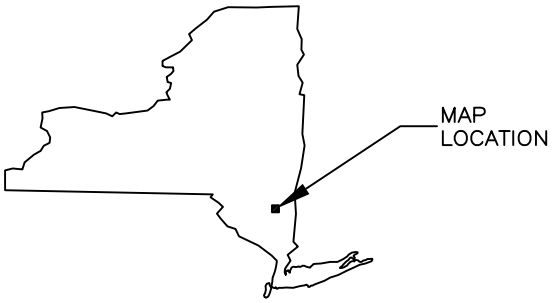
Field Parameters	NYSDEC Standard (1)	A-8S	A-26S	A-27S	A-41S	A-42S	A-43S
pH	6.5-8.5	NS	NS	NS	NS	NS	NS
Temperature (deg Celsius)	--	NS	NS	NS	NS	NS	NS
Conductivity (umhos/cm)	--	NS	NS	NS	NS	NS	NS
Turbidity (NTU)	5	NS	NS	NS	NS	NS	NS
Dissolved Oxygen (ppm)	--	NS	0.01	0.05	0.04	1.28	0.01
Volatile Organic Compound by ASP/CLP Method (ug/L)							
Vinyl Chloride	2	NS	1	0.4J	NS	ND	0.8J
Chloroethane	5	NS	ND	ND	NS	ND	ND
1,1-Dichloroethane	5	NS	**13**	1	NS	0.7J	1
1,2-Dichloroethene, Total	5	NS	ND	5	NS	ND	0.7J
Trichloroethene	5	NS	ND	0.4J	NS	ND	ND
Semi-Volatile Organic Compound by ASP/CLP Method (ug/L)							
4-Methylphenol	1	NS	ND	ND	NS	ND	ND
Naphthalene	--	NS	ND	ND	NS	ND	ND

Notes:
Only compounds detected at one or more sampling locations are listed.
BOLD values indicate detections above NYSDEC Standards or Guidance Values.
Laboratory data on this table includes third party validation.
(1) = NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.
U = Indicates compound was analyzed for but not detected.
J = Indicates estimated value which is less than the sample quantitation limit but greater than zero.
D = Identifies all compounds in analysis at a secondary dilution factor.
NS = Not Sampled.
ND = Not Detected.

FIGURES

IMAGE	X-REF	OFFICE	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
---	---	ALB	S. SHKOLNIK 12-22-02			820131A4





SCALE 1:62,500

REFERENCE:
MAP FROM DELORME'S MAP EXPERT,
FREEPORT, MAINE.

Shaw
Shaw Environmental, Inc.

FLAGSHIP
AIRLINES, INC.
(DBA AMERICAN EAGLE)

FIGURE 1

SITE LOCATION MAP
DUTCHESS COUNTY AIRPORT
WAPPINGER FALLS, NEW YORK

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
J. NAFUS	S. SHKOLNIK			820131D76

OFFICE	DATE
ALBANY, NY	09/09/04

Xref: .
Image: .

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Plot Date/Time: 12/15/04 08:44am
Plotted by: Samuil.Shkolnik

N

TARMAC

FORMER IBM HANGAR FACILITY

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SERVICE ROAD / GRIFFITH ROAD

SANITARY SEWER

UP

ME-13
ME-15
ME-17
ME-16
ME-14
ME-12
ME-11
ME-18
A-39S
A-8S
A-16S
A-19S
A-44S
A-41S
A-27S
A-20S
A-40S
A-26S
A-42S
A-43S
MW-3
MW-2
MW-7A
MW-5
MW-9/10R
MW-6
MW-20
MW-19
MW-4
MW-8
MW-1
PZ-1
DG-1
EW-5
EW-4
EW-7
EW-2
EW-1
EW-6
EW-3
SP-7
SP-2
SP-1R
SP-6
SP-3
SP-8
SP-5
SP-4

LEGEND:

- SANITARY SEWER
- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)

SCALE
0 20 40 60 FEET

REFERENCE:
BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 2
WELL LOCATION MAP
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

OFFICE	DATE
ALBANY, NY	09/09/04

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
J. NAFUS	S. SHKOLNIK			820131D77

Xref: .
Image: .

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Plot Date/Time: 12/15/04 08:48am
Plotted by: Samuil.Shkolnik

N

FORMER IBM HANGAR FACILITY

TARMAC

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SANITARY SEWER

SERVICE ROAD / GRIFFITH ROAD

UP

ME-13 151.40
ME-15 153.62
ME-14 153.62
ME-16 153.88
ME-17
ME-18 153.17
ME-19
MW-1 152.63
MW-2 153.69
MW-3
MW-4
MW-5
MW-6 153.54
MW-7A 153.69
MW-8 151.61
MW-9/10R 153.78
MW-20 151.94
A-8S
A-16S 151.03
A-19S 151.15
A-20S 151.09
A-26S 150.84
A-27S (151.23)
A-39S 151.27
A-40S (150.81)
A-41S 151.87
A-42S 151.46
A-43S 151.76
A-44S 150.23
DG-1 151.99
PZ-1 151.95
SP-1R
SP-2
SP-3
SP-4
SP-5
SP-6
SP-7
SP-8
EW-1
EW-2
EW-3
EW-4
EW-5
EW-6
EW-7
ME-11
ME-12 153.26
(150.98)

151.7
151.4
152.0
125.3
152.6
153.2
152.9
153.5
153.8
150.5
150.8
151.1

LEGEND:

- SANITARY SEWER
- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)
- GROUNDWATER CONTOUR IN FEET (DASHED WHERE INFERRED)
- 151.15 GROUNDWATER ELEVATION
- GROUNDWATER FLOW DIRECTION
- (151.23) GROUNDWATER ANOMOLY NOT INCLUDED IN CONTOURING

SCALE
0 20 40 60 FEET

REFERENCE:

BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 3
GROUNDWATER CONTOUR MAP (07/21/04) DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
J. NAFUS	S. SHKOLNIK			820131D78

OFFICE	DATE
ALBANY, NY	09/09/04

Xref: .
Image: .

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Plot Date/Time: 12/15/04 08:49am
Plotted by: Samuil.Shkolnik

N

TARMAC

FORMER IBM HANGER FACILITY

FORMER FLAGSHIP HANGER FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SERVICE ROAD / GRIFFITH ROAD

SANITARY SEWER

UP

ME-13
A-39S
A-8S
ME-15
A-16S
DG-1
07/21/2004
1U
1U
1U
1U
5U
DG-1
A-19S
A-27S
07/21/2004
1
1U
0.4 J
1U
5U
A-44S
A-27S
A-20S
A-41S
EW-4
SP-6
ME-14
07/21/2004
1U
1U
1U
0.6J
5U
MW-3
ME-14
ME-12
07/21/2004
1U
1U
1U
1U
5U
ME-19
07/21/2004
1U
1U
1U
2
5U
A-40S
MW-20
ME-19
A-26S
07/21/2004
13
1U
1U
1U
5U
ME-17
ME-16
EW-5
SP-7
MW-2
07/21/2004
1U
1U
1U
1U
5U
MW-20
07/21/2004
1U
1U
1U
1U
5U
EW-6
SP-8
SP-5
A-42S
A-42S
07/21/2004
0.7J
1U
1U
1U
5U
MW-4
MW-8
UP
MW-8
07/21/2004
0.4J
1U
1U
1U
5U
A-43S
PZ-1
EW-2
ME-11
SP-3
ME-12
EW-3
SP-4
MW-2
EW-7
SP-2
MW-6
07/21/2004
1U
1U
1U
2
5U
ME-18
SP-1R
EW-1
MW-6
ME-18
07/21/2004
1U
1U
1U
1U
5U
MW-7A
MW-9/10R
MW-5
MW-1
UP
MW-9/10R
07/21/2004
1U
1U
1U
1U
5U
A-43S
07/21/2004
1
1U
1U
1U
5U
UP
UP

LEGEND:

- SANITARY SEWER
- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)

MW-9/10R	WELL ID
07/21/2004	DATE
1U	DCA
1U	1,1,1-TCA
1U	TCE
1U	PCE
5U	NAPHTHALENE

U	NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS
J	ESTIMATED CONCENTRATION
NS	NOT SAMPLED

SCALE
0 20 40 60 FEET

REFERENCE:

BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 4
ANALYTICAL SUMMARY MAP (07/21/04)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

DESIGNED BY	J. NAFUS
DRAWN BY	S. SHKOLNIK
CHECKED BY	
APPROVED BY	
DRAWING NUMBER	820131D79
DATE	09/09/04
OFFICE	ALBANY, NY

Xref: .
Image: .

L:\project\820131\820131D79.dwg
Plot Date/Time: 12/15/04 08:51am
Plotted by: Samuil.Shkolnik

N

TARMAC

FORMER IBM HANGAR FACILITY

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SERVICE ROAD / GRIFFITH ROAD

NS ME-13

ME-15 NS

A-39S

NS A-8S

A-16S

5U DG-1

A-19S

SANITARY SEWER NS

A-41S

5U A-27S

A-20S

A-44S

EW-4

SP-6

A-40S

MW-20 5U

ME-19 5U

SP-8

A-26S 5U

EW-6

SP-5

A-42S 5U

MW-4 UP

MW-8 5U

A-43S 5U

PZ-1

SP-4

EW-3

ME-18 5U

MW-1 NS

MW-3

ME-14 5U

EW-5

SP-7

ME-17

ME-16 NS

MW-2 5U

EW-7

SP-2

EW-2

ME-11

SP-3

ME-12 5U

MW-6 5U

SP-1R

EW-1

MW-9/10R 5U

MW-7A NS

MW-5

UP

UP

UP

LEGEND:

- SANITARY SEWER
- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)
- NAPHTHALENE ISOCHRON (DASHED WHERE INFERRED)

U NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS

REFERENCE:

BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

SCALE
0 20 40 60 FEET

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 5
NAPHTHALENE ISOCHRON MAP (07/21/04)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
J. NAFUS	S. SHKOLNIK			820131D80

OFFICE	DATE
ALBANY, NY	09/09/04

Xref: .
Image: .

L:\project\820131\820131D80.dwg
Plot Date/Time: 12/15/04 08:52am
Plotted by: Samuil.Shkolnik

N

TARMAC

FORMER IBM HANGAR FACILITY

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SERVICE ROAD / GRIFFITH ROAD

UP

UP

UP

UP

NS ME-13

ME-15 NS

A-39S

NS A-8S

A-16S

1U DG-1

A-19S

SANITARY SEWER 1U

NS A-41S

A-27S 1U

A-20S

A-44S

EW-4

SP-6

A-40S

A-26S 1U

MW-20 1U

ME-19 1U

SP-8

EW-6

SP-5

A-42S 1U

MW-4 UP

MW-8 1U

A-43S 1U

PZ-1

SP-4

EW-3

ME-18 1U

MW-1 NS

MW-3

ME-14 1U

EW-5

SP-7

ME-17

ME-16 NS

MW-2 1U

EW-7

SP-2

EW-2

ME-11

SP-3

ME-12 1U

SP-1R

MW-6 1U

EW-1

MW-9/10R 1U

MW-7A NS

MW-5

LEGEND:

SANITARY SEWER	EXTRACTION WELL
SHALLOW WELL	PROPERTY LINE (APPROXIMATE)
BEDROCK WELL	U NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS
SPARGE WELL	

REFERENCE:

BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

SCALE
0 20 40 60 FEET

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 6
CHLOROETHANE ISOCHRON MAP (07/21/04)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

DESIGNED BY	J. NAFUS
DRAWN BY	S. SHKOLNIK
CHECKED BY	
APPROVED BY	
DRAWING NUMBER	820131D81
OFFICE	ALBANY, NY
DATE	07/21/04

Xref: .
Image: .

L:\project\820131\820131D81.dwg
Plot Date/Time: 12/15/04 08:53am
Plotted by: Samuil.Shkolnik

N

TARMAC

FORMER IBM HANGAR FACILITY

FORMER FLAGSHIP HANGAR FACILITY

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

PARKING (BIT.)

AIRPORT COUNTY MAINT. GARAGE

TREATMENT COMPOUND

SERVICE ROAD / GRIFFITH ROAD

UP

UP

UP

UP

NS ME-13

ME-15 NS

A-39S

NS A-8S

A-16S

2U DG-1

A-19S

SANITARY SEWER 1

A-41S

1 ug/L

5 A-27S

A-44S

A-20S

EW-4

SP-6

A-40S

A-26S 2U

MW-20 2U

ME-19 2U

SP-8

EW-6

SP-5

A-42S 2U

MW-4

MW-8 2U

UP

A-43S 0.7J

PZ-1

SP-4

EW-3

ME-18 2U

MW-1 NS

MW-3

ME-14 2U

EW-5

SP-7

ME-17

ME-16 NS

MW-2 2U

EW-7

SP-2

EW-2

ME-11

SP-3

ME-12 2U

2U MW-6

SP-1R

EW-1

MW-9/10R 2U

MW-7A NS

MW-5

LEGEND:

- SANITARY SEWER
- SHALLOW WELL
- BEDROCK WELL
- SPARGE WELL
- EXTRACTION WELL
- PROPERTY LINE (APPROXIMATE)
- 1,2-DICHLOROETHENE ISOCHRON (DASHED WHERE INFERRED)

U NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS

J ESTIMATED CONCENTRATION

SCALE
0 20 40 60 FEET

REFERENCE:

BASE MAP SOURCE: GERALD L. LYNN LAND SURVEYOR, P.C.

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 7
1,2-DICHLOROETHENE ISOCHRON MAP (07/21/04)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

Figure 8
Dissolved Tetrachloroethene (PCE) Trends, MW-9 & MW-10

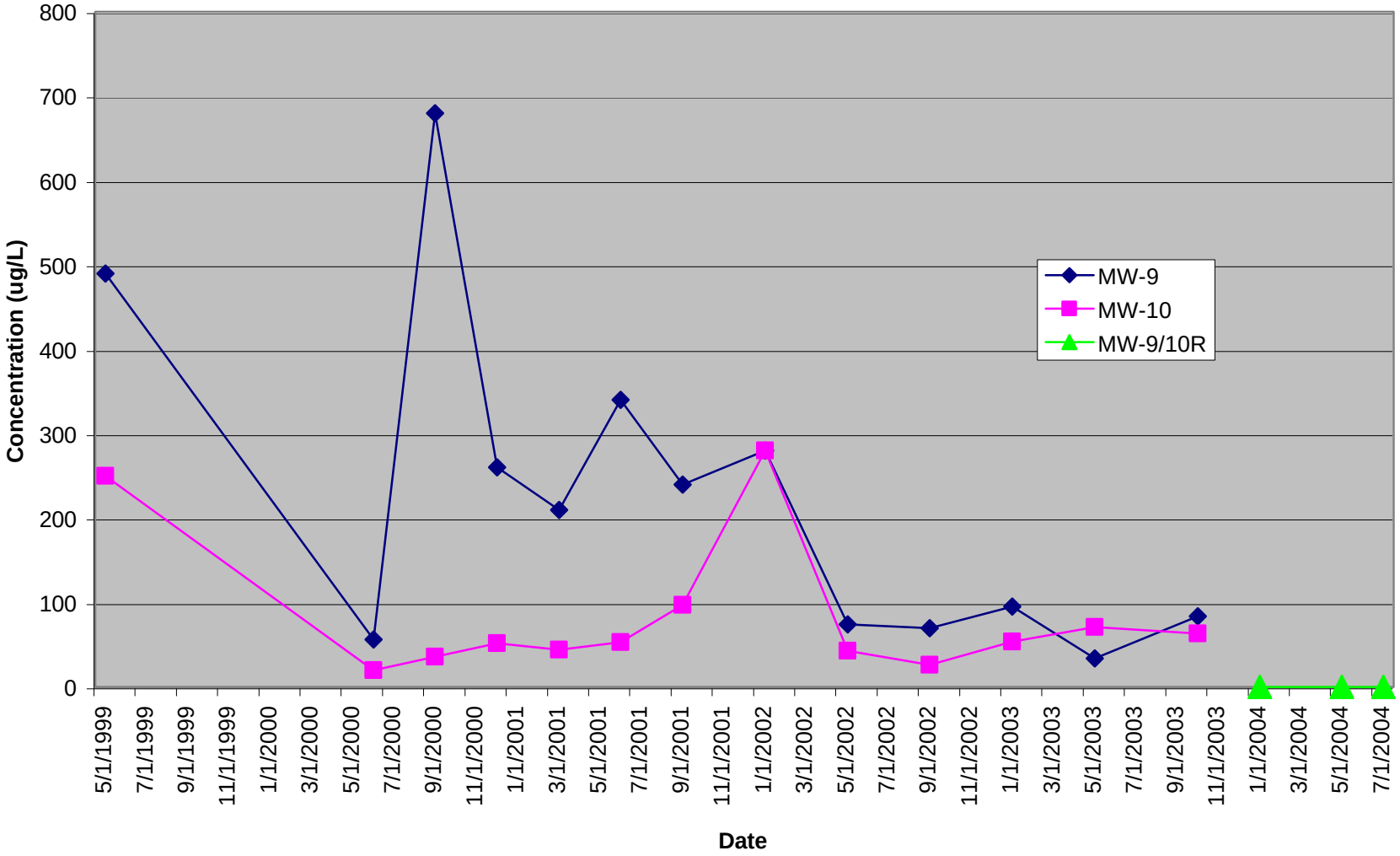


Figure 9
Dissolved 1,1-Dichloroethane Trends, MW-9, MW-10 & A-42S

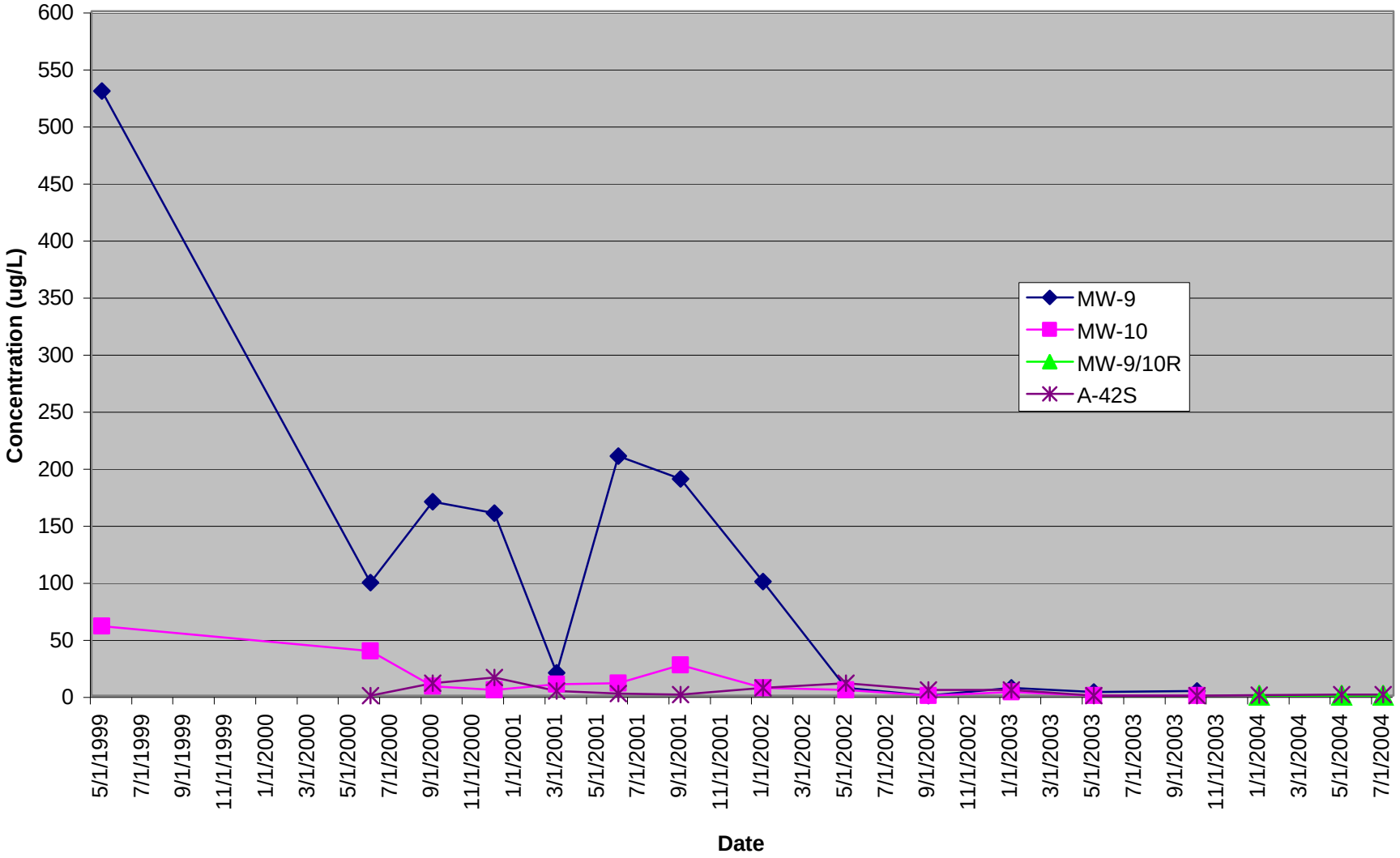
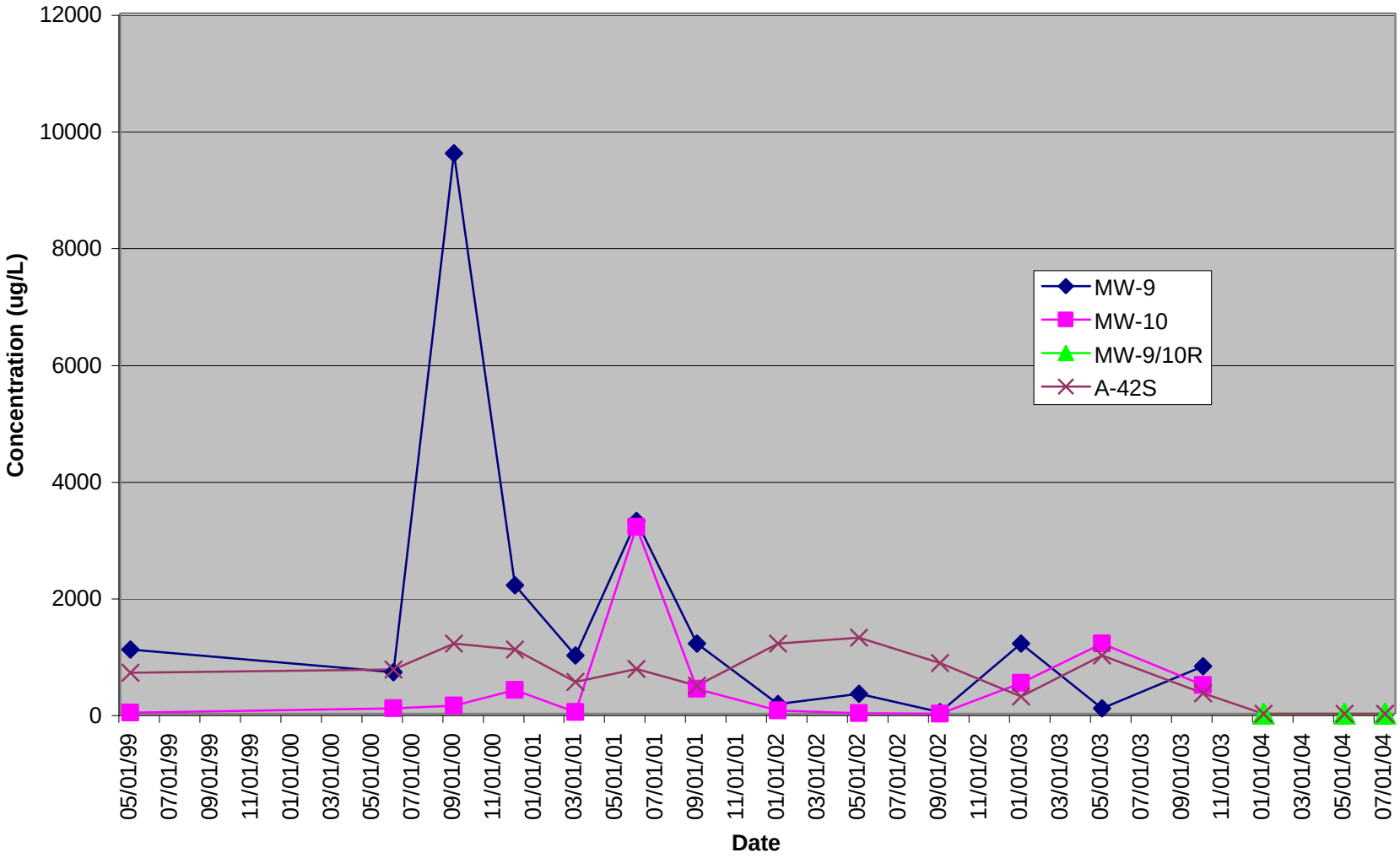


Figure 10
Dissolved Naphthalene Trends, MW-9, MW-10 & A-42S



APPENDIX A

ANALYTICAL RESULTS – GROUNDWATER (JULY 21, 2004)

SEVERN TRENT STL

STL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921

Tel: 865 291 3000 Fax: 865 584 4315
www.stl-inc.com

ANALYTICAL REPORT

Flagship

Lot #: H4G260110

Tony Perretta

Shaw E & I Inc
13 British American Blvd
Latham, NY 12110

SEVERN TRENT LABORATORIES, INC.

Scott A. Harris
Project Manager

July 30, 2004

ANALYTICAL METHODS SUMMARY

H4G260110

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO15	EPA-2 TO-15

References:

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

SAMPLE SUMMARY

H4G260110

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
GLTWN	001	SVE EFFLUENT	07/23/04	13:00
GLTWP	002	SVE INFLUENT	07/23/04	13:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H4G260110

The results reported herein are applicable to the samples submitted for analysis only.

This report shall not be reproduced except in full, without the written approval of the laboratory.

The original chain of custody documentation is included with this report.

Sample Receipt

There were no problems with the condition of the samples received.

Quality Control

Unless otherwise noted, all holding times and QC criteria were met and the test results shown in this report meet all applicable NELAC requirements.

SHAW E & I INC

Client Sample ID: SVE EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H4G260110-001 **Work Order #...:** GLTWN1AA **Matrix.....:** AIR
Date Sampled...: 07/23/04 **Date Received..:** 07/24/04
Prep Date.....: 07/28/04 **Analysis Date..:** 07/28/04
Prep Batch #...: 4211276
Dilution Factor: 2.33 **Method.....:** EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.50	ppb(v/v)
Chloroethane	ND	0.50	ppb(v/v)
1,1-Dichloroethane	ND	0.50	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.50	ppb(v/v)
trans-1,2-Dichloroethene	ND	0.50	ppb(v/v)
Naphthalene	ND	0.50	ppb(v/v)
Tetrachloroethene	ND	0.50	ppb(v/v)
1,1,1-Trichloroethane	ND	0.50	ppb(v/v)
Trichloroethene	ND	0.50	ppb(v/v)
Vinyl chloride	ND	0.50	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(70 - 130)
Toluene-d8	99	(70 - 130)
4-Bromofluorobenzene	105	(70 - 130)

SHAW E & I INC

Client Sample ID: SVE INFLUENT

GC/MS Volatiles

Lot-Sample #...: H4G260110-002 **Work Order #...:** GLTWP1AA **Matrix.....:** AIR
Date Sampled...: 07/23/04 **Date Received..:** 07/24/04
Prep Date.....: 07/28/04 **Analysis Date..:** 07/28/04
Prep Batch #...: 4211276
Dilution Factor: 2.83 **Method.....:** EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Chlorobenzene	ND	0.57	ppb(v/v)
Chloroethane	ND	0.57	ppb(v/v)
1,1-Dichloroethane	ND	0.57	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.57	ppb(v/v)
trans-1,2-Dichloroethene	ND	0.57	ppb(v/v)
Naphthalene	ND	0.57	ppb(v/v)
Tetrachloroethene	**1.7**	**0.57**	**ppb(v/v)**
1,1,1-Trichloroethane	ND	0.57	ppb(v/v)
Trichloroethene	ND	0.57	ppb(v/v)
Vinyl chloride	ND	0.57	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	106	(70 - 130)
Toluene-d8	98	(70 - 130)
4-Bromofluorobenzene	103	(70 - 130)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H4G260110 **Work Order #...:** GL4NF1AA **Matrix.....:** AIR
MB Lot-Sample #: H4G290000-276

Prep Date.....: 07/28/04
Analysis Date..: 07/28/04 **Prep Batch #...:** 4211276
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Chloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
trans-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Tetrachloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-2 TO-15
Trichloroethene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-2 TO-15
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-2 TO-15
Naphthalene	ND	0.20	ppb(v/v)	EPA-2 TO-15

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	103	(70 - 130)
Toluene-d8	99	(70 - 130)
4-Bromofluorobenzene	103	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H4G260110 **Work Order #...:** GL4NF1AC **Matrix.....:** AIR
LCS Lot-Sample#: H4G290000-276
Prep Date.....: 07/28/04 **Analysis Date..:** 07/28/04
Prep Batch #...: 4211276
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Trichloroethene	**103**	**(70 - 130)**	**EPA-2 TO-15**
Chlorobenzene	**102**	**(70 - 130)**	**EPA-2 TO-15**
1,1-Dichloroethene	**105**	**(70 - 130)**	**EPA-2 TO-15**
Benzene	**102**	**(70 - 130)**	**EPA-2 TO-15**
Toluene	**99**	**(70 - 130)**	**EPA-2 TO-15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	107	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H4G260110 **Work Order #...:** GL4NF1AC **Matrix.....:** AIR
LCS Lot-Sample#: H4G290000-276
Prep Date.....: 07/28/04 **Analysis Date..:** 07/28/04
Prep Batch #...: 4211276
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Trichloroethene	**10.0**	**10.3**	**ppb(v/v)**	**103**	**EPA-2 TO-15**
Chlorobenzene	**10.0**	**10.2**	**ppb(v/v)**	**102**	**EPA-2 TO-15**
1,1-Dichloroethene	**10.0**	**10.5**	**ppb(v/v)**	**105**	**EPA-2 TO-15**
Benzene	**10.0**	**10.2**	**ppb(v/v)**	**102**	**EPA-2 TO-15**
Toluene	**10.0**	**9.92**	**ppb(v/v)**	**99**	**EPA-2 TO-15**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	104	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	107	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

H4 6260116

STL Knoxville

5815 Middlebrook Pike • Knoxville, TN 37921-5947
Phone: (865) 291-3000 • Fax: (865) 584-4315
Receiving: (865) 291-3031

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No.
Page 1 of 1

Project Name/No. [1] Flagship 820131
Sample Team Members [2] R. Hoe
Profit Center No. [3]
Project Manager [4] Brian Neumann.
Purchase Order No. [6] 3536
Required Report Date [11]

Samples Shipment Date [7] 7-23-04
Lab Destination [8] Knoxville.
Lab Contact [9] Scott Harris
Project Contact / Phone [12] 574-783-1496
Carrier / Waybill No. [13] 831487339057

Bill to: [5] Shaw Environmental
13 British American Blvd
Latham N.Y. 12110

Report to: [10] Brian Neumann
Same as Above.

ONE CONTAINER PER LINE

Sample [14] Number	Sample [15] Type	Date/Time [16] Collected	Container [17] Type	Sample [18] Volume	Pre- [19] servative	Requested Testing [20] Program	Condition on Receipt [21] Lab use only
SVE Effluent	Air	7-23-04 0900-1300	Summa			TO-15	Custody seals intact (Y) N NA
SVE Influent	Air	7-23-04 0900-1300	Summa			TO-15	Temperature received at Ambient
							Received by AOF Date 7-24-04
							Number of packages 1 FEDEX
							Tracking # 831487339057 AOF 07-24-04
							2 cans 2 flows

Special Instructions: [23]

Possible Hazard Identification: [24]
Non-Hazard ☑ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

Turnaround Time Required: [26]
Normal ☑ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by [28] (Signature / Affiliation) — Date: 7-23-04 Time: 1600
1. Received by [28] (Signature / Affiliation) Andrew D. Holmes — Date: 07-24-04 Time: 09:00

1. Relinquished by (Signature / Affiliation) — Date: Time:
1. Received by (Signature / Affiliation) — Date: Time:

Comments: [29]

White: To accompany samples
Yellow: Field copy

STL KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Client: Shaw E&I **Project:** Flagship **Lot Number:** H4622601(0

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)		X		☑ 1a Do not match COC ☐ 1b Incomplete information ☐ 1c Marking smeared ☐ 1d Label torn ☐ 1e No label ☐ 1f COC not received ☐ 1g Other:	1A, Sample Container Label lists I.D. as SUE Final Effluent, coc lists id as SUE Effluent. Log per coc.
2. Is the cooler temperature within limits? (North Carolina, 1668, 1613B: 0-4°C; VOST: 10°C) (Cooler temp should be used only if no temp blank.)			X	☐ 2a Temp Blank = _____ ☐ 2b Cooler Temp = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?			X	☐ 3a Sample preservative =	
4. Were custody seals present/intact on cooler and/or containers?	X			☐ 4a Not present ☐ 4b Not intact ☐ 4c Other:	
5. Were all of the samples listed on the COC received?	X			☐ 5a Samples received-not on COC ☐ 5b Samples not received-on COC	
6. Were all of the sample containers received intact?	X			☐ 6a Leaking ☐ 6b Broken	
7. Were VOA samples received without headspace?			X	☐ 7a Headspace (VOA only)	
8. Were samples received in appropriate containers?	X			☐ 8a Improper container	
9. Did you check for residual chlorine, if necessary?			X		
10. Were samples received with ≥½ HT remaining?	X			☐ 10a Holding time expired ☐ 10b <½ HT left	
11. For rad samples, was sample activity info. provided?			X	☐ Incomplete information	
12. For SOG water samples (1613B, 1668A, 8290, LR PAHs), do samples have visible solids present?			X	If yes, was SOG notified? _____	
13. Are the coolers intact?	X			☐ 13a Leaking ☐ 13b Other:	
14. Was COC relinquished? (Signed/Dated/Timed)	X			☐ 14a Not relinquished by client	
15. Are tests/parameters listed for each sample?	X			☐ 15a Incomplete information	
16. Is the matrix of the samples noted?	X			☐ 15a Incomplete information	
17. Is the date/time of sample collection noted?	X			☐ 15a Incomplete information	
18. Is the client and project name/# identified?	X			☐ 15a Incomplete information	
19. Was the sampler identified on the COC?	X			☐ 15a Incomplete information	

Quote #: _____ PM Instructions: _____

Sample Receiving Associate: Andrew D. Fikes Date: 07-26-04

Original Chain of Custody Documentation

H4 6260116

STL Knoxville

5815 Middlebrook Pike • Knoxville, TN 37921-5947
Phone: (865) 291-3000 • Fax: (865) 584-4315
Receiving: (865) 291-3031

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No.
Page 1 of 1

White: To accompany samples
Yellow: Field copy

Project Name/No. [1] FlagShip 820131
Sample Team Members [2] R. Hyde
Profit Center No. [3]
Project Manager [4] Brian Neumann
Purchase Order No. [6] 3536
Required Report Date [11]

Samples Shipment Date [7] 7-23-04
Lab Destination [8] Knoxville.
Lab Contact [9] Scott Harris
Project Contact / Phone [12] 518-783-1456
Carrier / Waybill No. [13] 831487339057

Bill to: [5] Shaw Environmental
13 British American Blvd
Latham N.Y. 12110

Report to: [10] Brian Neumann
Same as Above.

ONE CONTAINER PER LINE

Sample [14] Number	Sample [15] Type	Date/Time [16] Collected	Container [17] Type	Sample [18] Volume	Pre- [19] servative	Requested Testing [20] Program	Condition on Receipt [21] Lab use only
SVE Effluent	Air	7-23-04 0900-1300	Summa			TO-15	Custody seals intact (Y) N NA
SVE Influent	Air	7-23-04 0900-1300	Summa			TO-15	Temperature received at Ambient
							Received by AOF Date 7-24-04
							Number of packages 1 FEDEX
							Tracking # 831487339057
							AOF 07-24-04
							2 cans 2 flows

Special Instructions: [23]

Possible Hazard Identification: [24]
Non-Hazard ☑ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☑ Archive (mos.)

Turnaround Time Required: [26]
Normal ☑ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by [28] (Signature / Affiliation) [signature] Date: 7-23-04 Time: 1640

1. Received by [28] (Signature / Affiliation) Andrew D. Fulmer Date: 07-24-04 Time: 09:00

1. Relinquished by (Signature / Affiliation) Date: Time:

1. Received by (Signature / Affiliation) Date: Time:

Comments: [29]

APPENDIX B

ANALYTICAL RESULTS – AIR
(JULY 23, 2004)

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#: A04-6989

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES
Task: AMERICAN AIRLINES - DUTCHESS COUNTY

Mr. Brian Neuman
Shaw E&I Inc.
13 British American Blvd.
Latham, NY 12110-1405

STL Buffalo

Lisa Shore
for Candace L. Fox
Project Manager

08/11/2004

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	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	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	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

SAMPLE DATA SUMMARY PACKAGE

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4698901	A-26S	07/21/2004	16:40	07/23/2004	09:45
A4698902	A-27S	07/21/2004	16:10	07/23/2004	09:45
A4698903	A-42S	07/21/2004	16:20	07/23/2004	09:45
A4698904	A-43S	07/21/2004	16:45	07/23/2004	09:45
A4698905	DG-1	07/21/2004	16:30	07/23/2004	09:45
A4698906	Duplicate	07/21/2004		07/23/2004	09:45
A4698907	Field Blank	07/21/2004		07/23/2004	09:45
A4698908	ME-12	07/21/2004	14:55	07/23/2004	09:45
A4698909	ME-14	07/21/2004	14:05	07/23/2004	09:45
A4698910	ME-18	07/21/2004	15:05	07/23/2004	09:45
A4698910MS	ME-18	07/21/2004	15:05	07/23/2004	09:45
A4698910SD	ME-18	07/21/2004	15:05	07/23/2004	09:45
A4698911	ME-19	07/21/2004	16:55	07/23/2004	09:45
A4698912	MW-2	07/21/2004	14:15	07/23/2004	09:45
A4698913	MW-20	07/21/2004	16:50	07/23/2004	09:45
A4698914	MW-6	07/21/2004	14:40	07/23/2004	09:45
A4698915	MW-8	07/21/2004	16:00	07/23/2004	09:45
A4698916	MW-9/10R	07/21/2004	14:25	07/23/2004	09:45
A4698917	TRIP BLANK	07/21/2004		07/23/2004	09:45

METHODS SUMMARY

Job#: A04-6989

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES

PARAMETER	ANALYTICAL METHOD	
ASP 2000 - VOLATILES	ASP00	ASP00-4
ASP 2000 - METHOD 8270 SELECT LIST	ASP00	8270

ASP00 "Analytical Services Protocol", New York State Department of Conservation, June 2000.

NON-CONFORMANCE SUMMARY

Job#: A04-6989

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES

General Comments

The enclosed data 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 and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible 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

A04-6989
Sample Cooler(s) were received at the following temperature(s); 3@2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The spike recovery of the analyte Vinyl Chloride in the Matrix Spike Duplicate of sample ME-18 exceeded quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

All samples were preserved to a PH less than 2.

The VHB exhibited the recovery of surrogate p-Bromofluorobenzene as slightly below quality control limits. Due to software rounding the recovery of this surrogate appears as compliant on the surrogate recovery form. Insufficient sample volume for reanalysis.

The surrogate p-Bromofluorobenzene had a Percent Relative Standard Deviation (%RSD) greater than 30% yet less than 40% in the Initial Calibration (A4I0000692-1). No corrective action was taken, up to 2 analytes may exhibit %RSD greater than 30% yet less than 40%, according to the protocol and method requirements.

The surrogate p-Bromofluorobenzene had a Percent Difference greater than 30% yet less than 40% in the Continuing Calibration Verification (A4C0002996-1). No corrective action was taken, up to 2 analytes may exhibit percent difference greater than 30% yet less than 40% difference according to the protocol and method requirements.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

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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."

Lisa Shaffer

fw Candace L. Fox
Project Manager

8/11/2004

Date

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION
AND
ANALYTICAL REQUEST SUMMARY

LAB NAME: SEVERN TRENT LABORATORIES, INC.

CUSTOMER SAMPLE ID	LABORATORY SAMPLE ID	ANALYTICAL REQUIREMENTS						
		VOA GC/MS	BNA GC/MS	VOA GC	PEST PCB	METALS	TCLP HERB	WATER QUALITY
A-26S	A4698901	ASP00	ASP00	-	-	-	-	-
A-27S	A4698902	ASP00	ASP00	-	-	-	-	-
A-42S	A4698903	ASP00	ASP00	-	-	-	-	-
A-43S	A4698904	ASP00	ASP00	-	-	-	-	-
DG-1	A4698905	ASP00	ASP00	-	-	-	-	-
Duplicate	A4698906	ASP00	ASP00	-	-	-	-	-
Field Blank	A4698907	ASP00	ASP00	-	-	-	-	-
ME-12	A4698908	ASP00	ASP00	-	-	-	-	-
ME-14	A4698909	ASP00	ASP00	-	-	-	-	-
ME-18	A4698910	ASP00	ASP00	-	-	-	-	-
ME-19	A4698911	ASP00	ASP00	-	-	-	-	-
MW-2	A4698912	ASP00	ASP00	-	-	-	-	-
MW-20	A4698913	ASP00	ASP00	-	-	-	-	-
MW-6	A4698914	ASP00	ASP00	-	-	-	-	-
MW-8	A4698915	ASP00	ASP00	-	-	-	-	-
MW-9/10R	A4698916	ASP00	ASP00	-	-	-	-	-

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
A-26S	GW	07/21/2004	07/23/2004	-	07/30/2004
A-27S	GW	07/21/2004	07/23/2004	-	07/30/2004
A-42S	GW	07/21/2004	07/23/2004	-	07/30/2004
A-43S	GW	07/21/2004	07/23/2004	-	07/31/2004
DG-1	GW	07/21/2004	07/23/2004	-	07/31/2004
Duplicate	GW	07/21/2004	07/23/2004	-	07/31/2004
Field Blank	GW	07/21/2004	07/23/2004	-	07/31/2004
ME-12	GW	07/21/2004	07/23/2004	-	07/31/2004
ME-14	GW	07/21/2004	07/23/2004	-	07/31/2004
ME-18	GW	07/21/2004	07/23/2004	-	07/31/2004
ME-19	GW	07/21/2004	07/23/2004	-	07/31/2004
MW-2	GW	07/21/2004	07/23/2004	-	07/31/2004
MW-20	GW	07/21/2004	07/23/2004	-	07/31/2004
MW-6	GW	07/21/2004	07/23/2004	-	07/31/2004
MW-8	GW	07/21/2004	07/23/2004	-	07/31/2004
MW-9/10R	GW	07/21/2004	07/23/2004	-	07/31/2004

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
B\N-A ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	DATE COLLECTED	DATE RECEIVED AT LAB	DATE EXTRACTED	DATE ANALYZED
A-26S	GW	07/21/2004	07/23/2004	07/26/2004	07/27/2004
A-27S	GW	07/21/2004	07/23/2004	07/26/2004	07/27/2004
A-42S	GW	07/21/2004	07/23/2004	07/26/2004	07/27/2004
A-43S	GW	07/21/2004	07/23/2004	07/26/2004	07/27/2004
DG-1	GW	07/21/2004	07/23/2004	07/26/2004	07/27/2004
Duplicate	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
Field Blank	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
ME-12	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
ME-14	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
ME-18	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
ME-19	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
MW-2	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
MW-20	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
MW-6	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
MW-8	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004
MW-9/10R	GW	07/21/2004	07/23/2004	07/26/2004	07/28/2004

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
ORGANIC ANALYSIS

LAB NAME: SEVERN TRENT LABORATORIES, INC.

SAMPLE IDENTIFICATION	MATRIX	ANALYTICAL PROTOCOL	EXTRACTION METHOD	AUXILIARY CLEAN UP	DIL/CONC FACTOR
A-26S	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
A-27S	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
A-42S	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
A-43S	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
DG-1	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
Duplicate	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
Field Blank	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
ME-12	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
ME-14	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
ME-18	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
ME-19	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-2	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-20	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-6	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-8	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED
MW-9/10R	GW	ASP00	SEPF	AS REQUIRED	AS REQUIRED

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
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 a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. 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 at or above the reporting limit.
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.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
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 analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-26S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698901

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6807.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

GC Column: DB-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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	13	
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698904

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6810.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	
540-59-0	1,2-Dichloroethene (Total)	0.7	J
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	0.8	J

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

DG-1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698905

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7919.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-27S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698902

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6808.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

GC Column: DB-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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	
540-59-0	1,2-Dichloroethene (Total)	5	
79-01-6	Trichloroethene	0.4	J
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	0.4	J

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698903

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6809.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

GC Column: DB-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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	0.7	J
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

Duplicate

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698906

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7920.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	0.6	J
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

Field Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698907

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7921.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-12

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698908

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7922.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-14

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698909

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7923.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	0.6	J
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698910

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7924.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698911

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7927.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	2	
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-20

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698913

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7929.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698912

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7928.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698914

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7930.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	2	
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698915

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7931.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	0.4	J
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698917

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6804.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

GC Column: DB-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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9/10R

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698916

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7933.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-26S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: Z61767.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-27S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698902

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z61768.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698903

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z61769.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698904

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z61770.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

DG-1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698905

Sample wt/vol: 920.00 (g/mL) ML Lab File ID: Z61771.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

Duplicate

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698906

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z61775.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

Field Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698907

Sample wt/vol: 1030.0 (g/mL) ML Lab File ID: Z61776.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-12

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698908

Sample wt/vol: 960.00 (g/mL) ML Lab File ID: Z61777.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-14

Lab Name: SIL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698909

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: Z61778.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698910

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z61779.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698911

Sample wt/vol: 1030.0 (g/mL) ML Lab File ID: Z61782.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698912

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z61783.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-20

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698913

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z61784.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698914

Sample wt/vol: 970.00 (g/mL) ML Lab File ID: Z61785.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698915

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z61786.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-9/10R

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698916

Sample wt/vol: 970.00 (g/mL) ML Lab File ID: Z61787.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - VOLATILES
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

	Client Sample ID	BFB %REC	#							TOT OUT
1	A-26S	92								0
2	A-27S	89								0
3	A-42S	91								0
4	A-43S	87								0
5	DG-1	96								0
6	Duplicate	96								0
7	Field Blank	97								0
8	ME-12	94								0
9	ME-14	95								0
10	ME-18	95								0
11	ME-18	100								0
12	ME-18	99								0
13	ME-19	93								0
14	MSB32	99								0
15	MSB61	102								0
16	MW-2	92								0
17	MW-20	96								0
18	MW-6	98								0
19	MW-8	96								0
20	MW-9/10R	99								0
21	TRIP BLANK	84								0
22	VBLK32	81								0
23	VBLK61	95								0
24	VHB	80								0

QC LIMITS

BFB = p-Bromofluorobenzene (80-120)

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

ASP 2000 - METHOD 8270 SELECT LIST
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

	Client Sample ID	2FP %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#			TOT OUT
1	A-26S	41		78		72		29		76		82				0
2	A-27S	50		93		82		37		90		100				0
3	A-42S	42		83		76		29		80		90				0
4	A-43S	28		82		73		19		69		78				0
5	DG-1	45		80		72		32		79		89				0
6	Duplicate	48		88		92		34		98		102				0
7	Field Blank	38		70		68		26		85		84				0
8	Matrix Spike Blank	44		82		80		32		93		97				0
9	ME-12	26		90		90		18		94		101				0
10	ME-14	40		76		77		28		87		88				0
11	ME-18	35		87		85		24		95		98				0
12	ME-18	34		85		91		26		76		98				0
13	ME-18	32		79		86		24		71		91				0
14	ME-19	37		84		87		26		96		88				0
15	MW-2	45		83		85		32		105		83				0
16	MW-20	44		83		88		31		103		101				0
17	MW-6	45		83		85		32		96		97				0
18	MW-8	35		75		78		24		82		89				0
19	MW-9/10R	46		77		80		33		88		86				0
20	S Blank	42		78		75		30		97		94				0

			QC LIMITS
2FP	=	2-Fluorophenol	(21-110)
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

ASP 2000 - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4B1380701

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

Matrix Spike - Client Sample No.: ~~VBLK32~~ MSB32 mT 8/9/2004

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Vinyl chloride	5.0	5.1	103	60 - 140
Trichloroethene	5.0	4.9	99	60 - 140
Tetrachloroethene	5.0	5.1	102	60 - 140

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

* Values outside of QC limits

Spike recovery: 0 out of 3 outside limits

Comments: _____

ASP 2000 - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4B1386802

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

Matrix Spike - Client Sample No.: ~~VBLK61~~ MSB61 mr 8/9/2004

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Vinyl chloride	5.0	6.3	126	60 - 140
Trichloroethene	5.0	6.0	120	60 - 140
Tetrachloroethene	5.0	5.9	119	60 - 140

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

* Values outside of QC limits

Spike recovery: 0 out of 3 outside limits

Comments: _____

ASP 2000 - VOLATILES
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4698910

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

Matrix Spike - Client Sample No.: ME-18

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
Vinyl chloride	5.0	0	6.6	133	60 - 140
Trichloroethene	5.0	0	6.1	122	60 - 140
Tetrachloroethene	5.0	0	6.0	121	60 - 140

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl chloride	5.0	7.3	146 *	9	20	60 - 140
Trichloroethene	5.0	5.7	116	5	20	60 - 140
Tetrachloroethene	5.0	5.7	116	4	20	60 - 140

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

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike recovery: 1 out of 6 outside limits

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4698910

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

Matrix Spike - Client Sample No.: ME-18

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
Phenol	155	0	26.1	17	12 - 110

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	155	24.7	16	6	42	12 - 110

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

* Values outside of QC limits

RPD: 0 out of 1 outside limits
Spike recovery: 0 out of 2 outside limits

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4B1345902

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

Matrix Spike - Client Sample No.: S Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	150	32.8	22	12 - 110

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

* Values outside of QC limits

Spike recovery: 0 out of 1 outside limits

Comments: _____

ASP 2000 - VOLATILES
METHOD BLANK SUMMARY

Client No.: VBLK32

Lab Name: STL Buffalo Contract: _____

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

Lab File ID: P6802.RR Lab Sample ID: A4B1380701

Date Analyzed: 07/30/2004 Time Analyzed: 17:02

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

Instrument ID: HP5973P

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	A-26S	A4698901	P6807.RR	20:31
2	A-27S	A4698902	P6808.RR	21:04
3	A-42S	A4698903	P6809.RR	23:53
4	A-43S	A4698904	P6810.RR	00:26
5	MSB32	A4B1380702	P6803.RR	17:41
6	TRIP BLANK	A4698917	P6804.RR	18:17
7	VHB	A4698918	P6805.RR	18:50

Comments: _____

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK32

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4B1380701

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6802.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

GC Column: DB-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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - VOLATILES
METHOD BLANK SUMMARY

Client No.: VBLK61

Lab Name: STL Buffalo Contract: _____

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

Lab File ID: L7917.RR Lab Sample ID: A4B1386802

Date Analyzed: 07/31/2004 Time Analyzed: 14:32

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: I50L

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	DG-1	A4698905	L7919.RR	15:42
2	Duplicate	A4698906	L7920.RR	16:14
3	Field Blank	A4698907	L7921.RR	16:47
4	ME-12	A4698908	L7922.RR	17:20
5	ME-14	A4698909	L7923.RR	17:53
6	ME-18	A4698910	L7924.RR	18:26
7	ME-18	A4698910MS	L7925.RR	18:59
8	ME-18	A4698910SD	L7926.RR	19:32
9	ME-19	A4698911	L7927.RR	20:04
10	MSB61	A4B1386801	L7918.RR	15:05
11	MW-2	A4698912	L7928.RR	20:37
12	MW-20	A4698913	L7929.RR	21:10
13	MW-6	A4698914	L7930.RR	21:43
14	MW-8	A4698915	L7931.RR	22:15
15	MW-9/10R	A4698916	L7933.RR	23:21

Comments: _____

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK61

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4B1386802

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7917.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 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
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

ASP 2000 - METHOD 8270 SELECT LIST
METHOD BLANK SUMMARY

Client No.: S Blank

Lab Name: STL Buffalo Contract: _____

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

Lab File ID: Z61766.RR Lab Sample ID: A4B1345902

Instrument ID: I50Z-A Date Extracted: 07/26/2004

Matrix: (soil/water) WATER Date Analyzed: 07/27/2004

Level: (low/med) LOW Time Analyzed: 19:58

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	A-26S	A4698901	Z61767.RR	07/27/2004
2	A-27S	A4698902	Z61768.RR	07/27/2004
3	A-42S	A4698903	Z61769.RR	07/27/2004
4	A-43S	A4698904	Z61770.RR	07/27/2004
5	DG-1	A4698905	Z61771.RR	07/27/2004
6	Duplicate	A4698906	Z61775.RR	07/28/2004
7	Field Blank	A4698907	Z61776.RR	07/28/2004
8	Matrix Spike Blank	A4B1345901	Z61765.RR	07/27/2004
9	ME-12	A4698908	Z61777.RR	07/28/2004
10	ME-14	A4698909	Z61778.RR	07/28/2004
11	ME-18	A4698910	Z61779.RR	07/28/2004
12	ME-18	A4698910MS	Z61780.RR	07/28/2004
13	ME-18	A4698910SD	Z61781.RR	07/28/2004
14	ME-19	A4698911	Z61782.RR	07/28/2004
15	MW-2	A4698912	Z61783.RR	07/28/2004
16	MW-20	A4698913	Z61784.RR	07/28/2004
17	MW-6	A4698914	Z61785.RR	07/28/2004
18	MW-8	A4698915	Z61786.RR	07/28/2004
19	MW-9/10R	A4698916	Z61787.RR	07/28/2004

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

S Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4B1345902

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z61766.RR

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

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

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	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

ASP 2000 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002997

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

Lab File ID (Standard): L7916.RR Date Analyzed: 07/31/2004

Instrument ID: I50L Time Analyzed: 13:52

GC Column(1): DB-624 ID: 0.530 (mm) Heated Purge: (Y/N) N

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	687143		16.51		412046		20.13		872881		11.39	
	UPPER LIMIT	962000		16.84		576864		20.46		1222033		11.72	
	LOWER LIMIT	412286		16.18		247228		19.80		523729		11.06	
	CLIENT SAMPLE												
1	DG-1	684968		16.54		373271		20.15		890202		11.41	
2	Duplicate	612809		16.51		336335		20.14		805467		11.39	
3	Field Blank	626930		16.54		345731		20.15		820701		11.40	
4	ME-12	614700		16.53		330089		20.14		819354		11.40	
5	ME-14	593906		16.53		327974		20.14		793333		11.40	
6	ME-18	615445		16.53		325270		20.15		807843		11.41	
7	ME-18	628831		16.53		368787		20.15		818211		11.40	
8	ME-18	627533		16.53		363965		20.15		833641		11.40	
9	ME-19	590577		16.54		313946		20.16		806443		11.41	
10	MSB61	684107		16.53		407508		20.14		858883		11.40	
11	MW-2	581426		16.53		305897		20.14		795910		11.39	
12	MW-20	651791		16.54		358698		20.16		805676		11.40	
13	MW-6	631712		16.50		366548		20.11		792774		11.38	
14	MW-8	678181		16.50		374216		20.13		840529		11.36	
15	MW-9/10R	640473		16.50		366535		20.11		790631		11.36	
16	VBLK61	659817		16.53		360823		20.14		886791		11.40	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(60-140)	-0.33 / +0.33 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(60-140)	-0.33 / +0.33 min
IS3 (DFB) = 1,4-Difluorobenzene	(60-140)	-0.33 / +0.33 min

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

ASP 2000 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002996

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

Lab File ID (Standard): P6801.RR Date Analyzed: 07/30/2004

Instrument ID: HP5973P Time Analyzed: 15:32

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

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	608501		13.95		346718		17.34		648794		10.04	
	UPPER LIMIT	851901		14.28		485405		17.67		908312		10.37	
	LOWER LIMIT	365101		13.62		208031		17.01		389276		9.71	
	CLIENT SAMPLE												
1	A-26S	426907		13.95		216929		17.34		417540		10.05	
2	A-27S	436957		13.95		237259		17.34		433245		10.05	
3	A-42S	457236		13.95		233006		17.34		460383		10.05	
4	A-43S	426454		13.95		211375		17.34		412859		10.05	
5	MSB32	615670		13.95		336262		17.34		632095		10.04	
6	TRIP BLANK	532444		13.95		233865		17.34		572477		10.04	
7	VBLK32	519490		13.95		229634		17.34		544771		10.04	
8	VHB	512511		13.95		226413		17.34		521507		10.04	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(60-140)	-0.33 / +0.33 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(60-140)	-0.33 / +0.33 min
IS3 (DFB) = 1,4-Difluorobenzene	(60-140)	-0.33 / +0.33 min

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

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002778

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

Lab File ID (Standard): Z61751.RR Date Analyzed: 07/27/2004

Instrument ID: I50Z-A Time Analyzed: 11:18

		IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	867392		14.92		1423023		21.57		437981		7.90	
	UPPER LIMIT	1734784		15.42		2846046		22.07		875962		8.40	
	LOWER LIMIT	433696		14.42		711512		21.07		218991		7.40	
	CLIENT SAMPLE												
1	A-26S	763058		14.90		1320172		21.55		371916		7.90	
2	A-27S	653046		14.90		1092371		21.55		309260		7.90	
3	A-42S	724716		14.90		1201787		21.55		351057		7.90	
4	A-43S	761883		14.90		1345570		21.55		369203		7.90	
5	DG-1	700581		14.90		1190848		21.55		338855		7.90	
6	Matrix Spike Blank	692887		14.90		1028627		21.55		331471		7.90	
7	S Blank	718526		14.92		1115075		21.57		333963		7.90	

	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

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002778

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

Lab File ID (Standard): Z61751.RR Date Analyzed: 07/27/2004

Instrument ID: I50Z-A Time Analyzed: 11:18

		IS4 (NPT) AREA	#	RT	#	IS5 (PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1441043		10.78		1358748		17.62		1218061		24.08	
	UPPER LIMIT	2882086		11.28		2717496		18.12		2436122		24.58	
	LOWER LIMIT	720522		10.28		679374		17.12		609031		23.58	
	CLIENT SAMPLE												
1	A-26S	1396364		10.78		1286287		17.62		1293943		24.07	
2	A-27S	1175673		10.78		1175063		17.62		1094528		24.07	
3	A-42S	1307334		10.78		1223450		17.62		1246978		24.07	
4	A-43S	1401720		10.78		1287387		17.62		1283072		24.07	
5	DG-1	1280563		10.78		1172826		17.62		1161513		24.07	
6	Matrix Spike Blank	1235700		10.78		1060656		17.62		1017350		24.07	
7	S Blank	1221462		10.78		1087352		17.62		1088298		24.08	

	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

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002930

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

Lab File ID (Standard): Z61773.RR Date Analyzed: 07/28/2004

Instrument ID: I50Z-A Time Analyzed: 09:17

		IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	832876		14.90		1404848		21.57		421372		7.88	
	UPPER LIMIT	1665752		15.40		2809696		22.07		842744		8.38	
	LOWER LIMIT	416438		14.40		702424		21.07		210686		7.38	
	CLIENT SAMPLE												
1	Duplicate	615888		14.90		1002153		21.55		292246		7.90	
2	Field Blank	620612		14.90		969492		21.55		310877		7.90	
3	ME-12	610795		14.90		986065		21.55		298714		7.90	
4	ME-14	710018		14.90		1204850		21.55		346426		7.90	
5	ME-18	633676		14.90		1035909		21.55		323371		7.90	
6	ME-18	629146		14.90		992192		21.55		308518		7.90	
7	ME-18	687443		14.90		1089221		21.55		326911		7.90	
8	ME-19	635317		14.90		1027831		21.55		311173		7.90	
9	MW-2	608347		14.90		971197		21.55		304760		7.90	
10	MW-20	633039		14.90		1073586		21.55		295730		7.88	
11	MW-6	639765		14.90		980479		21.55		316453		7.90	
12	MW-8	676236		14.90		1153222		21.55		329922		7.90	
13	MW-9/10R	715253		14.90		1189949		21.55		351742		7.90	

	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

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002930

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

Lab File ID (Standard): Z61773.RR Date Analyzed: 07/28/2004

Instrument ID: I50Z-A Time Analyzed: 09:17

		IS4 (NPT) AREA	#	RT	#	IS5 (PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1462297		10.78		1424219		17.62		1231936		24.07	
	UPPER LIMIT	2924594		11.28		2848438		18.12		2463872		24.57	
	LOWER LIMIT	731149		10.28		712110		17.12		615968		23.57	
	CLIENT SAMPLE												
1	Duplicate	1084811		10.77		1051497		17.62		1013571		24.07	
2	Field Blank	1137709		10.77		1021369		17.62		1004653		24.07	
3	ME-12	1106782		10.77		984585		17.62		1016979		24.07	
4	ME-14	1271372		10.77		1233630		17.62		1229701		24.07	
5	ME-18	1177182		10.77		1055074		17.62		1077165		24.07	
6	ME-18	1162667		10.78		1065518		17.62		1078399		24.07	
7	ME-18	1226916		10.78		1138413		17.62		1209850		24.07	
8	ME-19	1133225		10.77		1059250		17.62		1092777		24.07	
9	MW-2	1124026		10.77		983735		17.62		1039170		24.07	
0	MW-20	1089402		10.77		1059728		17.62		1203077		24.07	
1	MW-6	1180679		10.77		1057334		17.62		1117742		24.07	
2	MW-8	1216633		10.77		1137617		17.62		1178788		24.07	
3	MW-9/10R	1294701		10.77		1183189		17.62		1264383		24.07	

	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	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A4698901	A-26S	07/21/2004	16:40	07/23/2004	09:45
A4698902	A-27S	07/21/2004	16:10	07/23/2004	09:45
A4698903	A-42S	07/21/2004	16:20	07/23/2004	09:45
A4698904	A-43S	07/21/2004	16:45	07/23/2004	09:45
A4698905	DG-1	07/21/2004	16:30	07/23/2004	09:45
A4698906	Duplicate	07/21/2004		07/23/2004	09:45
A4698907	Field Blank	07/21/2004		07/23/2004	09:45
A4698908	ME-12	07/21/2004	14:55	07/23/2004	09:45
A4698909	ME-14	07/21/2004	14:05	07/23/2004	09:45
A4698910	ME-18	07/21/2004	15:05	07/23/2004	09:45
A4698910MS	ME-18	07/21/2004	15:05	07/23/2004	09:45
A4698910SD	ME-18	07/21/2004	15:05	07/23/2004	09:45
A4698911	ME-19	07/21/2004	16:55	07/23/2004	09:45
A4698912	MW-2	07/21/2004	14:15	07/23/2004	09:45
A4698913	MW-20	07/21/2004	16:50	07/23/2004	09:45
A4698914	MW-6	07/21/2004	14:40	07/23/2004	09:45
A4698915	MW-8	07/21/2004	16:00	07/23/2004	09:45
A4698916	MW-9/10R	07/21/2004	14:25	07/23/2004	09:45
A4698917	TRIP BLANK	07/21/2004		07/23/2004	09:45

METHODS SUMMARY

Job#: A04-6989

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES

PARAMETER	ANALYTICAL METHOD	
ASP 2000 - VOLATILES	ASP00	ASP00-4
ASP 2000 - METHOD 8270 SELECT LIST	ASP00	8270

ASP00 "Analytical Services Protocol", New York State Department of Conservation, June 2000.

NON-CONFORMANCE SUMMARY

Job#: A04-6989

STL Project#: NY3A9019
Site Name: SHAW E&I / AMERICAN AIRLINES

General Comments

The enclosed data 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 and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible 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

A04-6989
Sample Cooler(s) were received at the following temperature(s); 3@2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The spike recovery of the analyte Vinyl Chloride in the Matrix Spike Duplicate of sample ME-18 exceeded quality control limits. The Matrix Spike Blank recoveries were compliant, so no corrective action is required.

All samples were preserved to a PH less than 2.

The VHB exhibited the recovery of surrogate p-Bromofluorobenzene as slightly below quality control limits. Due to software rounding the recovery of this surrogate appears as compliant on the surrogate recovery form. Insufficient sample volume for reanalysis.

The surrogate p-Bromofluorobenzene had a Percent Relative Standard Deviation (%RSD) greater than 30% yet less than 40% in the Initial Calibration (A4I0000692-1). No corrective action was taken, up to 2 analytes may exhibit %RSD greater than 30% yet less than 40%, according to the protocol and method requirements.

The surrogate p-Bromofluorobenzene had a Percent Difference greater than 30% yet less than 40% in the Continuing Calibration Verification (A4C0002996-1). No corrective action was taken, up to 2 analytes may exhibit percent difference greater than 30% yet less than 40% difference according to the protocol and method requirements.

GC/MS Semivolatile Data

No deviations from protocol were encountered during the analytical procedures.

****

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."

Lisa Shaffer

for Candace L. Fox
Project Manager

8/11/2004

Date

CHAIN OF CUSTODY DOCUMENTATION

Chain of Custody Record

SEVERN TRENT SERVICES — **Severn Trent Laboratories, Inc.**

STL-4124 (1200)

Client	Project Manager	Date	Chain of Custody Number
Shaw Env	Brian Neumann	7/21/04	099407
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 2
13 British American BCVD	518-783-1996		
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Latham / NY / 12110		C FOX	
Project Name and Location (State)	**Carrier/Waybill Number**		
Flagship Airlines / NY			
Contract/Purchase Order/Quote No.			

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	Site specific VOC	Site specific SVOC	Special Instructions/ Conditions of Receipt
ME-14	7/21	14:05		✓			2			3			✓	✓	
MW-2	7/21	14:15		✓			2			3			✓	✓	
MW-9/10 R	7/21	14:25		✓			2			3			✓	✓	
MW-6	7/21	14:40		✓			2			3			✓	✓	
ME-12	7/21	14:55		✓			2			3			✓	✓	
ME-18	7/21	15:05		✓			2			3			✓	✓	
ME-18 MS	7/21	15:05		✓			2			3			✓	✓	
ME-18 MSD	7/21	15:05		✓			2			3			✓	✓	
MW-8	7/21	16:00		✓			2			3			✓	✓	
A-27S	7/21	16:10		✓			2			3			✓	✓	
A-42S	7/21	16:20		✓			2			3			✓	✓	
~~AE~~ DG-1	7/21	16:30		✓			2			3			✓	✓	

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 3 months)

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	7/22/04		1. Received By	07/23/04	0945
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

@ 2.0°C

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

72/433

Chain of Custody Record

SEVERN TRENT SERVICES — Severn Trent Laboratories, Inc.

STL-4124 (1200)

Client: Shaw Env.	Project Manager: Brian Neumann	Date: 7/21/04	Chain of Custody Number: 099410
Address: 13 British American Blvd	Telephone Number (Area Code)/Fax Number: 518-783-1996 / 518-783-8897	Lab Number:	Page 2 of 2
City: Latham / State: NY / Zip Code: 12110	Site Contact:	Lab Contact: C FOX	Analysis (Attach list if more space is needed)
Project Name and Location (State): FLAGSHIP / NY	Carrier/Waybill Number:		Special Instructions/ Conditions of Receipt
Contract/Purchase Order/Quote No.			

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	Site specific VOC	Site specific SVOC
A-26S	7/21	16:40		✓			2			3			✓	✓
A-43S	7/21	16:45		✓			2			3			✓	✓
MW-20	7/21	16:50		✓			2			3			✓	✓
ME-19	7/21	16:55		✓			2			3			✓	✓
Field Blank	7/21			✓			2			3			✓	✓
Trip Blank	7/21	—		✓						3			✓	
Duplicate	7/21	—		✓			2			3			✓	✓

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 3 months)

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

QC Requirements (Specify)

1. Relinquished By: [signature]	Date: 7/22/04	Time:	1. Received By: [signature]	Date: 07/23/04	Time: 09:45
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: 3Q 2.0°C

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

73/433

VOLATILE DATA SUMMARY PACKAGE

QC SUMMARY

ASP 2000 - VOLATILES
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

	Client Sample ID	BFB %REC	#							TOT OUT
1	A-26S	92								0
2	A-27S	89								0
3	A-42S	91								0
4	A-43S	87								0
5	DG-1	96								0
6	Duplicate	96								0
7	Field Blank	97								0
8	ME-12	94								0
9	ME-14	95								0
10	ME-18	95								0
11	ME-18	100								0
12	ME-18	99								0
13	ME-19	93								0
14	MSB32	99								0
15	MSB61	102								0
16	MW-2	92								0
17	MW-20	96								0
18	MW-6	98								0
19	MW-8	96								0
20	MW-9/10R	99								0
21	TRIP BLANK	84								0
22	VBLK32	81								0
23	VBLK61	95								0
24	VHB	80								0

QC LIMITS

BFB = p-Bromofluorobenzene (80-120)

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

ASP 2000 - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4B1380701

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

Matrix Spike - Client Sample No.: ~~VBLK32~~ MSB32 mT 8/9/2004

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Vinyl chloride	5.0	5.1	103	60 - 140
Trichloroethene	5.0	4.9	99	60 - 140
Tetrachloroethene	5.0	5.1	102	60 - 140

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

* Values outside of QC limits

Spike recovery: 0 out of 3 outside limits

Comments: _____

ASP 2000 - VOLATILES
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4B1386802

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

Matrix Spike - Client Sample No.: ~~VBLK61~~ MSB61 mrg 8/9/2004

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Vinyl chloride	5.0	6.3	126	60 - 140
Trichloroethene	5.0	6.0	120	60 - 140
Tetrachloroethene	5.0	5.9	119	60 - 140

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

* Values outside of QC limits

Spike recovery: 0 out of 3 outside limits

Comments: _____

ASP 2000 - VOLATILES
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4698910

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

Matrix Spike - Client Sample No.: ME-18

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
Vinyl chloride	5.0	0	6.6	133	60 - 140
Trichloroethene	5.0	0	6.1	122	60 - 140
Tetrachloroethene	5.0	0	6.0	121	60 - 140

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Vinyl chloride	5.0	7.3	146 *	9	20	60 - 140
Trichloroethene	5.0	5.7	116	5	20	60 - 140
Tetrachloroethene	5.0	5.7	116	4	20	60 - 140

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

* Values outside of QC limits

RPD: 0 out of 3 outside limits
Spike recovery: 1 out of 6 outside limits

Comments: _____

ASP 2000 - VOLATILES
METHOD BLANK SUMMARY

80/433
Client No.

VBLK32

Lab Name: STL Buffalo Contract: _____

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

Lab File ID: P6802.RR Lab Sample ID: A4B1380701

Date Analyzed: 07/30/2004 Time Analyzed: 17:02

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

Instrument ID: HP5973P

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	A-26S	A4698901	P6807.RR	20:31
2	A-27S	A4698902	P6808.RR	21:04
3	A-42S	A4698903	P6809.RR	23:53
4	A-43S	A4698904	P6810.RR	00:26
5	MSB32	A4B1380702	P6803.RR	17:41
6	TRIP BLANK	A4698917	P6804.RR	18:17
7	VHB	A4698918	P6805.RR	18:50

Comments: _____

ASP 2000 - VOLATILES
METHOD BLANK SUMMARY

81/433
Client No.

VBLK61

Lab Name: STL Buffalo Contract: _____

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

Lab File ID: L7917.RR Lab Sample ID: A4B1386802

Date Analyzed: 07/31/2004 Time Analyzed: 14:32

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Instrument ID: I50L

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	DG-1	A4698905	L7919.RR	15:42
2	Duplicate	A4698906	L7920.RR	16:14
3	Field Blank	A4698907	L7921.RR	16:47
4	ME-12	A4698908	L7922.RR	17:20
5	ME-14	A4698909	L7923.RR	17:53
6	ME-18	A4698910	L7924.RR	18:26
7	ME-18	A4698910MS	L7925.RR	18:59
8	ME-18	A4698910SD	L7926.RR	19:32
9	ME-19	A4698911	L7927.RR	20:04
10	MSB61	A4B1386801	L7918.RR	15:05
11	MW-2	A4698912	L7928.RR	20:37
12	MW-20	A4698913	L7929.RR	21:10
13	MW-6	A4698914	L7930.RR	21:43
14	MW-8	A4698915	L7931.RR	22:15
15	MW-9/10R	A4698916	L7933.RR	23:21

Comments: _____

SHAW E & I
LOW CONC. VOLATILE ORGANIC TUNING CALIBRATION
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: _____ Tune ID: A4T0002049

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

Lab File ID: L7909 BFB Injection Date: 07/31/2004

Instrument ID: I50L BFB Injection Time: 09:53

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	8.0 - 40.0% of mass 95	16.9		
75	30.0 - 66.0% of mass 95	43.3		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.6		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50.0 - 120.0% of mass 95	66.6		
175	4.0 - 9.0% of mass 174	3.8	(5.7)	1
176	93.0 - 101.0% of mass 174	65.9	(99.0)	1
177	5.0 - 9.0% of mass 176	3.8	(5.7)	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	VSTD025	A4I0000695-1	L7910.RR	07/31/2004	10:38
2	VSTD010	A4I0000695-1	L7911.RR	07/31/2004	11:10
3	VSTD005	A4I0000695-1	L7912.RR	07/31/2004	11:43
4	VSTD002	A4I0000695-1	L7913.RR	07/31/2004	12:15
5	VSTD001	A4I0000695-1	L7914.RR	07/31/2004	12:48

SHAW E & I
LOW CONC. VOLATILE ORGANIC TUNING CALIBRATION
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: _____ Tune ID: A4T0002086

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

Lab File ID: L7915 BFB Injection Date: 07/31/2004

Instrument ID: I50L BFB Injection Time: 13:21

GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance		
50	8.0 - 40.0% of mass 95	17.7		
75	30.0 - 66.0% of mass 95	43.6		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	6.2		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50.0 - 120.0% of mass 95	64.8		
175	4.0 - 9.0% of mass 174	4.1	(6.3)	1
176	93.0 - 101.0% of mass 174	64.5	(99.5)	1
177	5.0 - 9.0% of mass 176	3.4	(5.2)	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	VSTD005	A4C0002997-1	L7916.RR	07/31/2004	13:52
2	VBLK61	A4B1386802	L7917.RR	07/31/2004	14:32
3	MSB61	A4B1386801	L7918.RR	07/31/2004	15:05
4	DG-1	A4698905	L7919.RR	07/31/2004	15:42
5	Duplicate	A4698906	L7920.RR	07/31/2004	16:14
6	Field Blank	A4698907	L7921.RR	07/31/2004	16:47
7	ME-12	A4698908	L7922.RR	07/31/2004	17:20
8	ME-14	A4698909	L7923.RR	07/31/2004	17:53
9	ME-18	A4698910	L7924.RR	07/31/2004	18:26
10	ME-18	A4698910MS	L7925.RR	07/31/2004	18:59
11	ME-18	A4698910SD	L7926.RR	07/31/2004	19:32
12	ME-19	A4698911	L7927.RR	07/31/2004	20:04
13	MW-2	A4698912	L7928.RR	07/31/2004	20:37
14	MW-20	A4698913	L7929.RR	07/31/2004	21:10
15	MW-6	A4698914	L7930.RR	07/31/2004	21:43
16	MW-8	A4698915	L7931.RR	07/31/2004	22:15
17	MW-9/10R	A4698916	L7933.RR	07/31/2004	23:21

SHAW E & I
LOW CONC. VOLATILE ORGANIC TUNING CALIBRATION
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: _____ Tune ID: A4T0002114

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

Lab File ID: P6793 BFB Injection Date: 07/29/2004

Instrument ID: HP5973P BFB Injection Time: 22:07

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

m/e	ION Abundance Criteria	% Relative Abundance		
50	8.0 - 40.0% of mass 95	17.1		
75	30.0 - 66.0% of mass 95	52.1		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.1		
173	Less than 2.0% of mass 174	0.0	(0.0)	1
174	50.0 - 120.0% of mass 95	74.3		
175	4.0 - 9.0% of mass 174	5.6	(7.6)	1
176	93.0 - 101.0% of mass 174	71.6	(96.3)	1
177	5.0 - 9.0% of mass 176	4.4	(6.1)	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	VSTD025	A4I0000692-1	P6794.RR	07/29/2004	22:48
2	VSTD010	A4I0000692-1	P6795.RR	07/29/2004	23:21
3	VSTD005	A4I0000692-1	P6796.RR	07/29/2004	23:55
4	VSTD002	A4I0000692-1	P6797.RR	07/30/2004	00:28
5	VSTD001	A4I0000692-1	P6798.RR	07/30/2004	01:02

SHAW E & I
LOW CONC. VOLATILE ORGANIC TUNING CALIBRATION
BROMOFLUOROBENZENE (BFB)

Lab Name: STL Buffalo Contract: _____ Tune ID: A4T0002113

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

Lab File ID: P6800 BFB Injection Date: 07/30/2004

Instrument ID: HP5973P BFB Injection Time: 14:59

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

m/e	ION Abundance Criteria	% Relative Abundance		
50	8.0 - 40.0% of mass 95	18.8		
75	30.0 - 66.0% of mass 95	51.0		
95	Base peak, 100% relative abundance	100.0		
96	5.0 - 9.0% of mass 95	7.9		
173	Less than 2.0% of mass 174	0.4	(0.5)	1
174	50.0 - 120.0% of mass 95	80.5		
175	4.0 - 9.0% of mass 174	6.4	(7.9)	1
176	93.0 - 101.0% of mass 174	76.6	(95.1)	1
177	5.0 - 9.0% of mass 176	5.8	(7.6)	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	VSTD005	A4C0002996-1	P6801.RR	07/30/2004	15:32
2	VBLK32	A4B1380701	P6802.RR	07/30/2004	17:02
3	MSB32	A4B1380702	P6803.RR	07/30/2004	17:41
4	TRIP BLANK	A4698917	P6804.RR	07/30/2004	18:17
5	VHB	A4698918	P6805.RR	07/30/2004	18:50
6	A-26S	A4698901	P6807.RR	07/30/2004	20:31
7	A-27S	A4698902	P6808.RR	07/30/2004	21:04
8	A-42S	A4698903	P6809.RR	07/30/2004	23:53
9	A-43S	A4698904	P6810.RR	07/31/2004	00:26

ASP 2000 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002997

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

Lab File ID (Standard): L7916.RR Date Analyzed: 07/31/2004

Instrument ID: I50L Time Analyzed: 13:52

GC Column(1): DB-624 ID: 0.530 (mm) Heated Purge: (Y/N) N

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	687143		16.51		412046		20.13		872881		11.39	
	UPPER LIMIT	962000		16.84		576864		20.46		1222033		11.72	
	LOWER LIMIT	412286		16.18		247228		19.80		523729		11.06	
	CLIENT SAMPLE												
1	DG-1	684968		16.54		373271		20.15		890202		11.41	
2	Duplicate	612809		16.51		336335		20.14		805467		11.39	
3	Field Blank	626930		16.54		345731		20.15		820701		11.40	
4	ME-12	614700		16.53		330089		20.14		819354		11.40	
5	ME-14	593906		16.53		327974		20.14		793333		11.40	
6	ME-18	615445		16.53		325270		20.15		807843		11.41	
7	ME-18	628831		16.53		368787		20.15		818211		11.40	
8	ME-18	627533		16.53		363965		20.15		833641		11.40	
9	ME-19	590577		16.54		313946		20.16		806443		11.41	
10	MSB61	684107		16.53		407508		20.14		858883		11.40	
11	MW-2	581426		16.53		305897		20.14		795910		11.39	
12	MW-20	651791		16.54		358698		20.16		805676		11.40	
13	MW-6	631712		16.50		366548		20.11		792774		11.38	
14	MW-8	678181		16.50		374216		20.13		840529		11.36	
15	MW-9/10R	640473		16.50		366535		20.11		790631		11.36	
16	VBLK61	659817		16.53		360823		20.14		886791		11.40	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(60-140)	-0.33 / +0.33 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(60-140)	-0.33 / +0.33 min
IS3 (DFB) = 1,4-Difluorobenzene	(60-140)	-0.33 / +0.33 min

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

ASP 2000 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002996

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

Lab File ID (Standard): P6801.RR Date Analyzed: 07/30/2004

Instrument ID: HP5973P Time Analyzed: 15:32

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

		IS1 (CBZ) AREA	#	RT	#	IS2 (DCB) AREA	#	RT	#	IS3 (DFB) AREA	#	RT	#
	12 HOUR STD	608501		13.95		346718		17.34		648794		10.04	
	UPPER LIMIT	851901		14.28		485405		17.67		908312		10.37	
	LOWER LIMIT	365101		13.62		208031		17.01		389276		9.71	
	CLIENT SAMPLE												
1	A-26S	426907		13.95		216929		17.34		417540		10.05	
2	A-27S	436957		13.95		237259		17.34		433245		10.05	
3	A-42S	457236		13.95		233006		17.34		460383		10.05	
4	A-43S	426454		13.95		211375		17.34		412859		10.05	
5	MSB32	615670		13.95		336262		17.34		632095		10.04	
6	TRIP BLANK	532444		13.95		233865		17.34		572477		10.04	
7	VBLK32	519490		13.95		229634		17.34		544771		10.04	
8	VHB	512511		13.95		226413		17.34		521507		10.04	

	AREA UNIT QC LIMITS	RT QC LIMITS
IS1 (CBZ) = Chlorobenzene-D5	(60-140)	-0.33 / +0.33 min
IS2 (DCB) = 1,4-Dichlorobenzene-D4	(60-140)	-0.33 / +0.33 min
IS3 (DFB) = 1,4-Difluorobenzene	(60-140)	-0.33 / +0.33 min

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

LAB: RECNY
METHOD: ASP00-4
PROTOCOL: ASP00

PROTOCOL	METHOD	FRACTION	LAB	PARAMETER	SOLID CRQL/EQL	AQUEOUS CRQL/EQL	SOLID MDL	AQUEOUS MDL	SOLID UM	AQUEOUS UM	METHOD TDL	EXCEPT
ASP00	ASP00-4	MV	A	1,1,1-Trichloroethane	0.00000	1.00000	0.00000	0.32561	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,1,2,2-Tetrachloroethane	0.00000	1.00000	0.00000	0.31744	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00000	1.00000	0.00000	0.00000	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,1,2-Trichloroethane	0.00000	1.00000	0.00000	0.34007	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,1-Dichloroethane	0.00000	1.00000	0.00000	0.30424	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,1-Dichloroethene	0.00000	1.00000	0.00000	0.42179	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,2,3-Trichlorobenzene	0.00000	1.00000	0.00000	3.06317	INVALID	UG/L	CRQL	Y
ASP00	ASP00-4	MV	A	1,2,4-Trichlorobenzene	0.00000	1.00000	0.00000	0.32813	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,2-Dibromo-3-chloropropane	0.00000	1.00000	0.00000	0.31147	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,2-Dibromoethane	0.00000	1.00000	0.00000	0.34573	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,2-Dichlorobenzene	0.00000	1.00000	0.00000	0.30864	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,2-Dichloroethane	0.00000	1.00000	0.00000	0.30267	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,2-Dichloroethene (Total)	0.00000	2.00000	0.00000	0.68800	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,2-Dichloropropane	0.00000	1.00000	0.00000	0.30236	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,3-Dichlorobenzene	0.00000	1.00000	0.00000	0.39476	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	1,4-Dichlorobenzene	0.00000	1.00000	0.00000	0.27690	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	2-Butanone	0.00000	5.00000	0.00000	2.38019	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	2-Hexanone	0.00000	5.00000	0.00000	2.04578	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	4-Methyl-2-pentanone	0.00000	5.00000	0.00000	2.29565	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Acetone	0.00000	5.00000	0.00000	4.03687	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Benzaldehyde	0.00000	1.00000	0.00000	0.00000	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Benzene	0.00000	1.00000	0.00000	0.31964	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Bromochloromethane	0.00000	1.00000	0.00000	0.40859	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Bromodichloromethane	0.00000	1.00000	0.00000	0.31964	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Bromoform	0.00000	1.00000	0.00000	0.25175	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Bromomethane	0.00000	1.00000	0.00000	0.41613	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Carbon Disulfide	0.00000	1.00000	0.00000	0.44316	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Carbon Tetrachloride	0.00000	1.00000	0.00000	0.29136	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Chlorobenzene	0.00000	1.00000	0.00000	0.27847	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Chloroethane	0.00000	1.00000	0.00000	0.26590	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Chloroform	0.00000	1.00000	0.00000	0.42148	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Chloromethane	0.00000	1.00000	0.00000	0.37213	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Cyclohexane	0.00000	1.00000	0.00000	0.00000	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Dibromochloromethane	0.00000	1.00000	0.00000	0.33127	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Dichlorodifluoromethane	0.00000	1.00000	0.00000	1.58061	INVALID	UG/L	CRQL	Y
ASP00	ASP00-4	MV	A	Ethylbenzene	0.00000	1.00000	0.00000	0.34227	INVALID	UG/L	CRQL	N

LAB: RECNY
METHOD: ASP00-4
PROTOCOL: ASP00

PROTOCOL	METHOD	FRACTION	LAB	PARAMETER	SOLID CRQL/EQL	AQUEOUS CRQL/EQL	SOLID MDL	AQUEOUS MDL	SOLID UM	AQUEOUS UM	METHOD TDL	EXCEPT
ASP00	ASP00-4	MV	A	Isopropylbenzene	0.00000	1.00000	0.00000	2.39057	INVALID	UG/L	CRQL	Y
ASP00	ASP00-4	MV	A	Methyl acetate	0.00000	1.00000	0.00000	0.00000	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Methyl tert butyl ether	0.00000	1.00000	0.00000	1.01047	INVALID	UG/L	CRQL	Y
ASP00	ASP00-4	MV	A	Methylcyclohexane	0.00000	1.00000	0.00000	0.00000	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Methylene chloride	0.00000	2.00000	0.00000	0.38219	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Styrene	0.00000	1.00000	0.00000	0.33033	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Tetrachloroethene	0.00000	1.00000	0.00000	0.30864	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Toluene	0.00000	1.00000	0.00000	0.35170	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Total Xylenes	0.00000	3.00000	0.00000	1.03939	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Trichloroethene	0.00000	1.00000	0.00000	0.32373	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Trichlorofluoromethane	0.00000	1.00000	0.00000	0.97904	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Vinyl acetate	0.00000	5.00000	0.00000	0.00000	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	Vinyl chloride	0.00000	1.00000	0.00000	0.35547	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	cis-1,2-Dichloroethene	0.00000	1.00000	0.00000	0.32027	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	cis-1,3-Dichloropropene	0.00000	1.00000	0.00000	0.39539	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	m-Xylene	0.00000	1.00000	0.00000	0.00000	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	o/p-Xylenes	0.00000	1.00000	0.00000	0.00000	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	trans-1,2-Dichloroethene	0.00000	1.00000	0.00000	0.36773	INVALID	UG/L	CRQL	N
ASP00	ASP00-4	MV	A	trans-1,3-Dichloropropene	0.00000	1.00000	0.00000	0.46674	INVALID	UG/L	CRQL	N

SAMPLE DATA

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-26S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698901

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6807.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

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

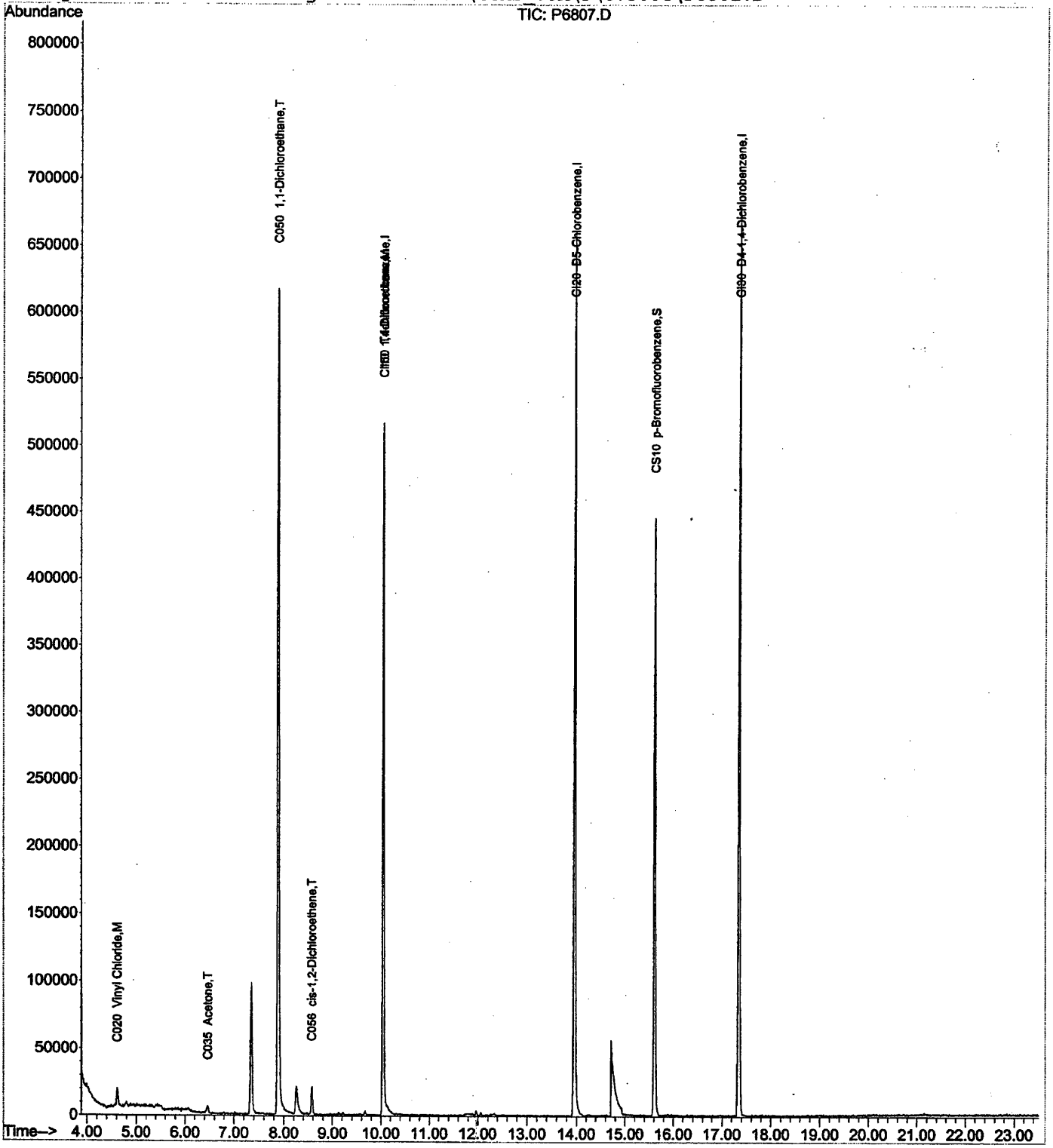
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	13	
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\073004\P6807.D Vial: 16
Acq On : 30 Jul 2004 20:31 Operator: PC
Sample : A4698901 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:04 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\073004\P6801.D



Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6807.D Vial: 16
Acq On : 30 Jul 2004 20:31 Operator: PC
Sample : A4698901 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:03:57 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\073004\P6801.D (30 Jul 2004 15:32)

NO glcs JH 7/31/04

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.05	114	417540	125.00 ng	0.00 64.36%
17) CI20	D5-Chlorobenzene	13.95	117	426907	125.00 ng	0.00 70.16%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	216929	125.00 ng	0.00 62.57%
System Monitoring Compounds						
38) CS10	p-Bromofluorobenzene	15.61	174	138495	114.47 ng	0.00
Spiked Amount 125.000		Range 80 - 120		Recovery = 91.58%		
Target Compounds						Qvalue
2) C010	Chloromethane	4.55	50	138	N.D.	
3) C015	Bromomethane	5.21	94	135	N.D.	
4) C020	Vinyl Chloride	4.62	62	20524	29.61 ng	94
5) C025	Chloroethane	5.32	64	135	N.D.	
6) C030	Methylene Chloride	7.02	84	812	N.D.	
7) C035	Acetone	6.46	43	8503	60.36 ng	89 ME
8) C040	Carbon Disulfide	6.80	76	1090	N.D.	
9) C045	1,1-Dichloroethene	6.43	96	504	N.D.	
10) C050	1,1-Dichloroethane	7.88	63	686446	333.03 ng	97
11) C057	trans-1,2-dichloroet	0.00	96	0	N.D.	
12) C056	cis-1,2-Dichloroethe	8.58	96	10699	9.59 ng	94
13) C060	Chloroform	0.00	83	0	N.D.	
14) C222	Bromochloromethane	0.00	128	0	N.D.	
15) C065	1,2-Dichloroethane	9.65	62	1383	N.D.	
16) C110	2-Butanone	8.27	43	433	N.D.	
18) C115	1,1,1-Trichloroethan	9.21	97	1430	N.D.	
19) C120	Carbon Tetrachloride	0.00	117	0	N.D.	
20) C150	Trichloroethene	10.05	95	13638	12.21 ng	# 12
21) C130	Bromodichloromethane	0.00	83	0	N.D.	
22) C140	1,2-Dichloropropane	10.25	63	147	N.D.	
23) C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
24) C165	Benzene	9.67	78	2616	N.D.	
25) C155	Dibromochloromethane	0.00	129	0	N.D.	
26) C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
27) C160	1,1,2-Trichloroethan	0.00	97	0	N.D.	
28) C220	Tetrachloroethene	12.81	166	208	N.D.	
29) C163	1,2-Dibromoethane	0.00	109	0	N.D.	
30) C210	4-Methyl-2-Pentanone	11.73	43	700	N.D.	
31) C215	2-Hexanone	0.00	43	0	N.D.	
32) C230	Toluene	12.06	91	1951	N.D.	
33) C235	Chlorobenzene	14.00	112	2323	N.D.	
34) C240	Ethylbenzene	14.09	91	1985	N.D.	
35) C246	m,p-Xylene	14.25	106	160	N.D.	
36) C247	o-Xylene	0.00	106	0	N.D.	
37) C245	Styrene	14.85	104	135	N.D.	
39) C225	1,1,2,2-Tetrachloroe	15.75	83	175	N.D.	

below practical limit

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

8/9/04

Quantitation Report

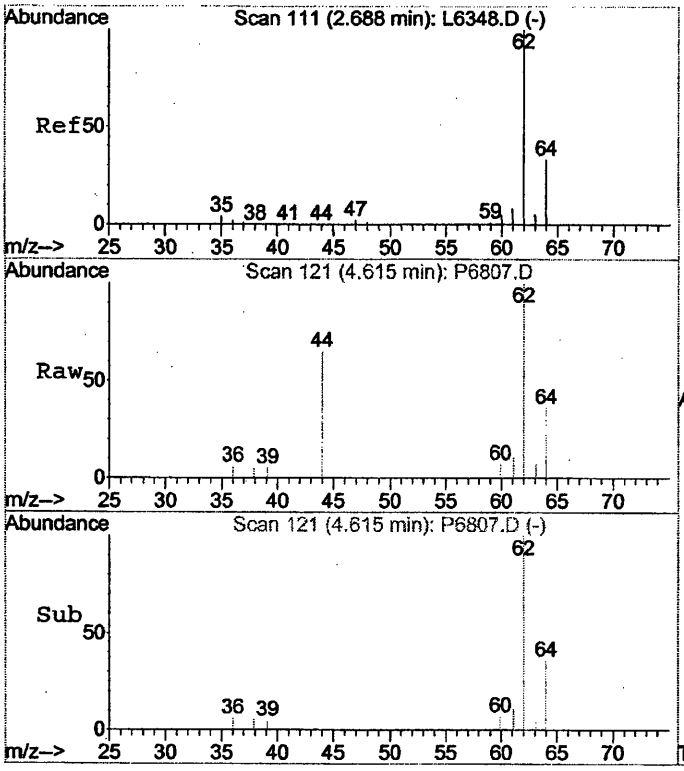
Data File : H:\GCMS_VOA\P\073004\P6807.D Vial: 16
Acq On : 30 Jul 2004 20:31 Operator: PC
Sample : A4698901 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:03:57 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
41)	C180	Bromoform	15.61	173	546	N.D.	
42)	C260	1,3-Dichlorobenzene	17.24	146	134	N.D.	
43)	C267	1,4-Dichlorobenzene	17.24	146	134	N.D.	
44)	C249	1,2-Dichlorobenzene	17.96	146	143	N.D.	
45)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
46)	C313	1,2,4-Trichlorobenze	20.41	180	148	N.D.	

8/9/04

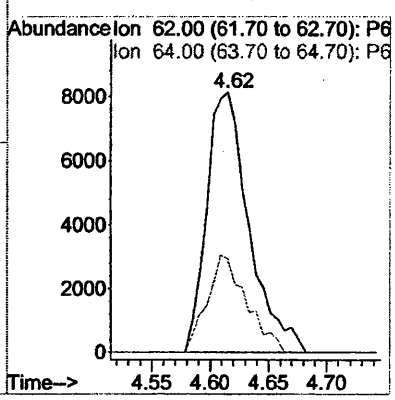
(#) = qualifier out of range (m) = manual integration

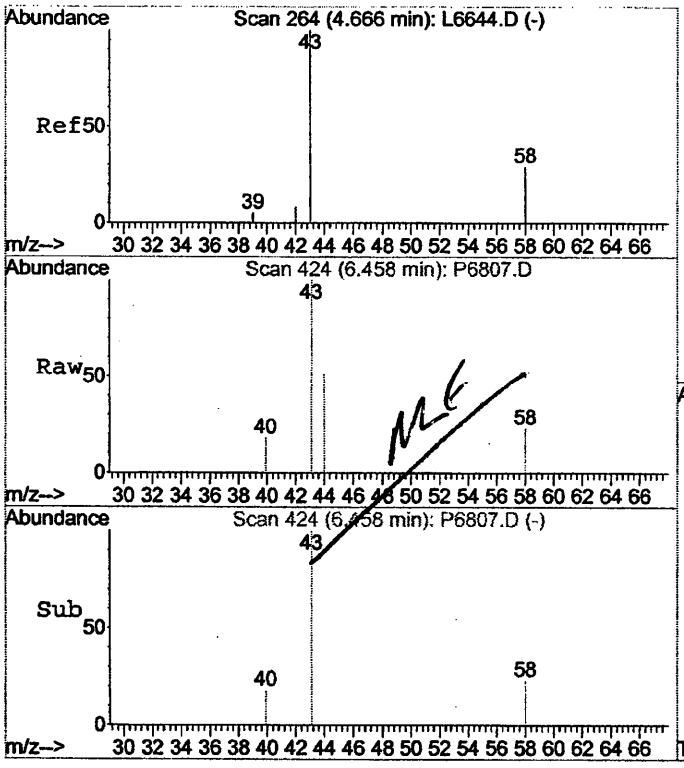


#4
C020 Vinyl Chloride
Concen: 29.61 ng
RT: 4.62 min Scan# 121
Delta R.T. 0.01 min
Lab File: P6807.D
Acq: 30 Jul 2004 20:31

Tgt Ion: 62 Resp: 20524

Ion	Ratio	Lower	Upper
62	100		
64	36.1	12.7	52.7

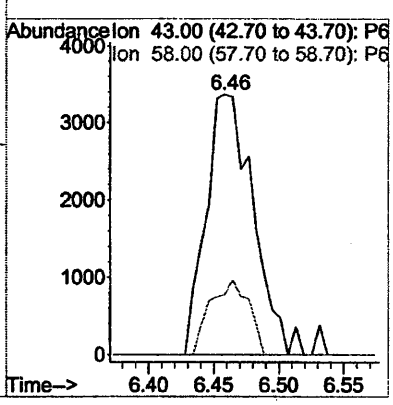


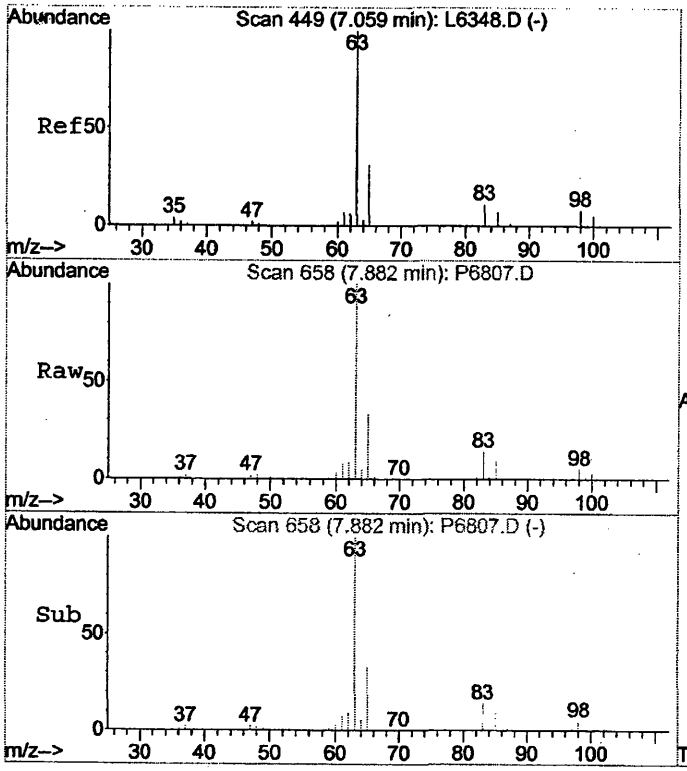


#7
C035 Acetone
Concen: 60.36 ng
RT: 6.46 min Scan# 424
Delta R.T. 0.01 min
Lab File: P6807.D
Acq: 30 Jul 2004 20:31

Tgt Ion: 43 Resp: 8503

Ion	Ratio	Lower	Upper
43	100		
58	22.9	8.6	48.6

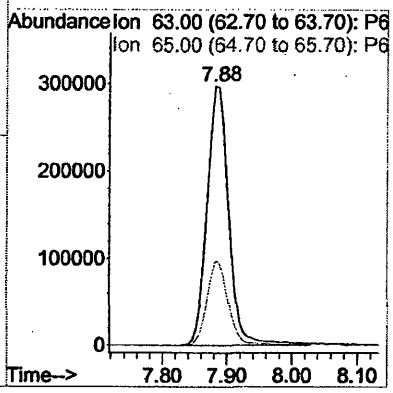


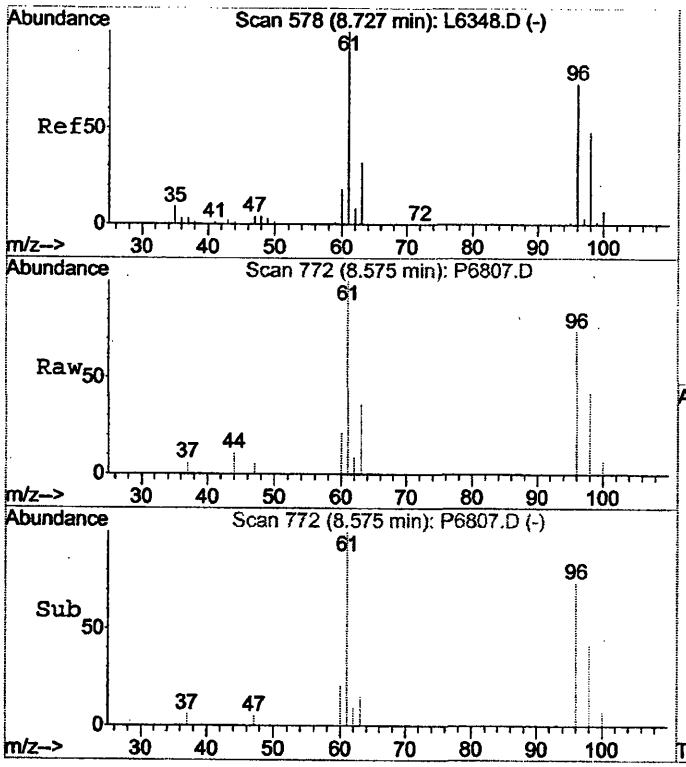


#10
C050 1,1-Dichloroethane
Concen: 333.03 ng
RT: 7.88 min Scan# 658
Delta R.T. -0.00 min
Lab File: P6807.D
Acq: 30 Jul 2004 20:31

Tgt Ion: 63 Resp: 686446

Ion	Ratio	Lower	Upper
63	100		
65	32.8	11.1	51.1

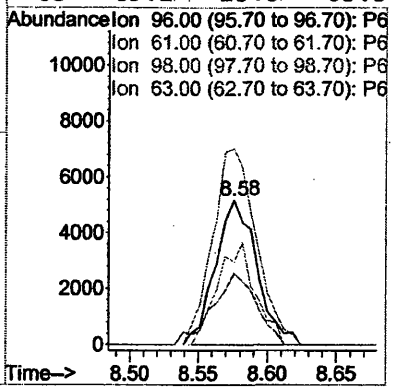


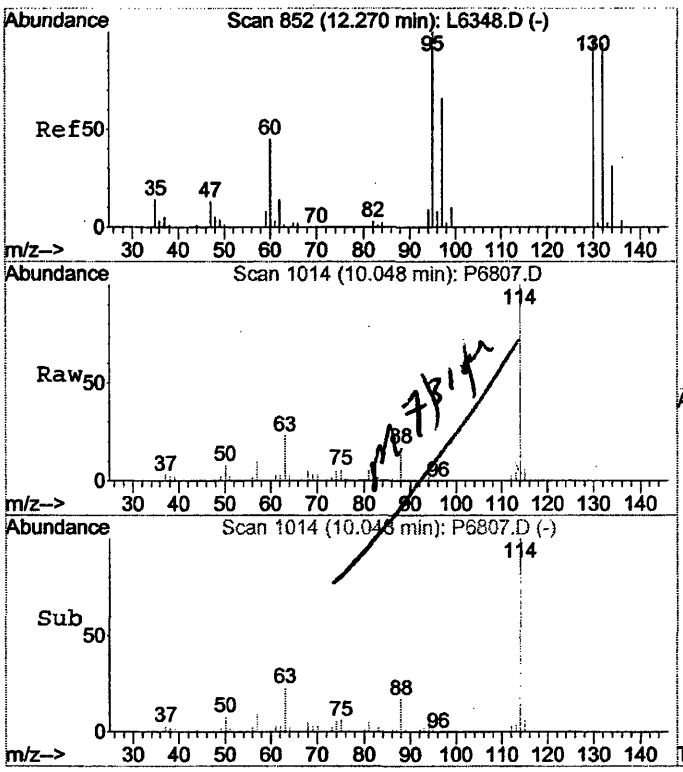


#12
C056 cis-1,2-Dichloroethene
Concen: 9.59 ng
RT: 8.58 min Scan# 772
Delta R.T. -0.00 min
Lab File: P6807.D
Acq: 30 Jul 2004 20:31

Tgt Ion: 96 Resp: 10699

Ion	Ratio	Lower	Upper
96	100		
61	135.3	117.3	157.3
98	57.1	46.0	86.0
63	49.2	23.3	63.3

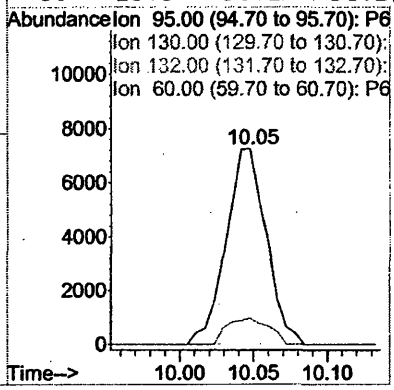




#20
C150 Trichloroethene
Concen: 12.21 ng
RT: 10.05 min Scan# 1014
Delta R.T. -0.38 min
Lab File: P6807.D
Acq: 30 Jul 2004 20:31

Tgt Ion: 95 Resp: 13638

Ion	Ratio	Lower	Upper
95	100		
130	0.0	76.7	115.1#
132	0.0	75.3	112.9#
60	13.3	36.2	54.2#



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

98/433

Client No.

A-27S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698902

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6808.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

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

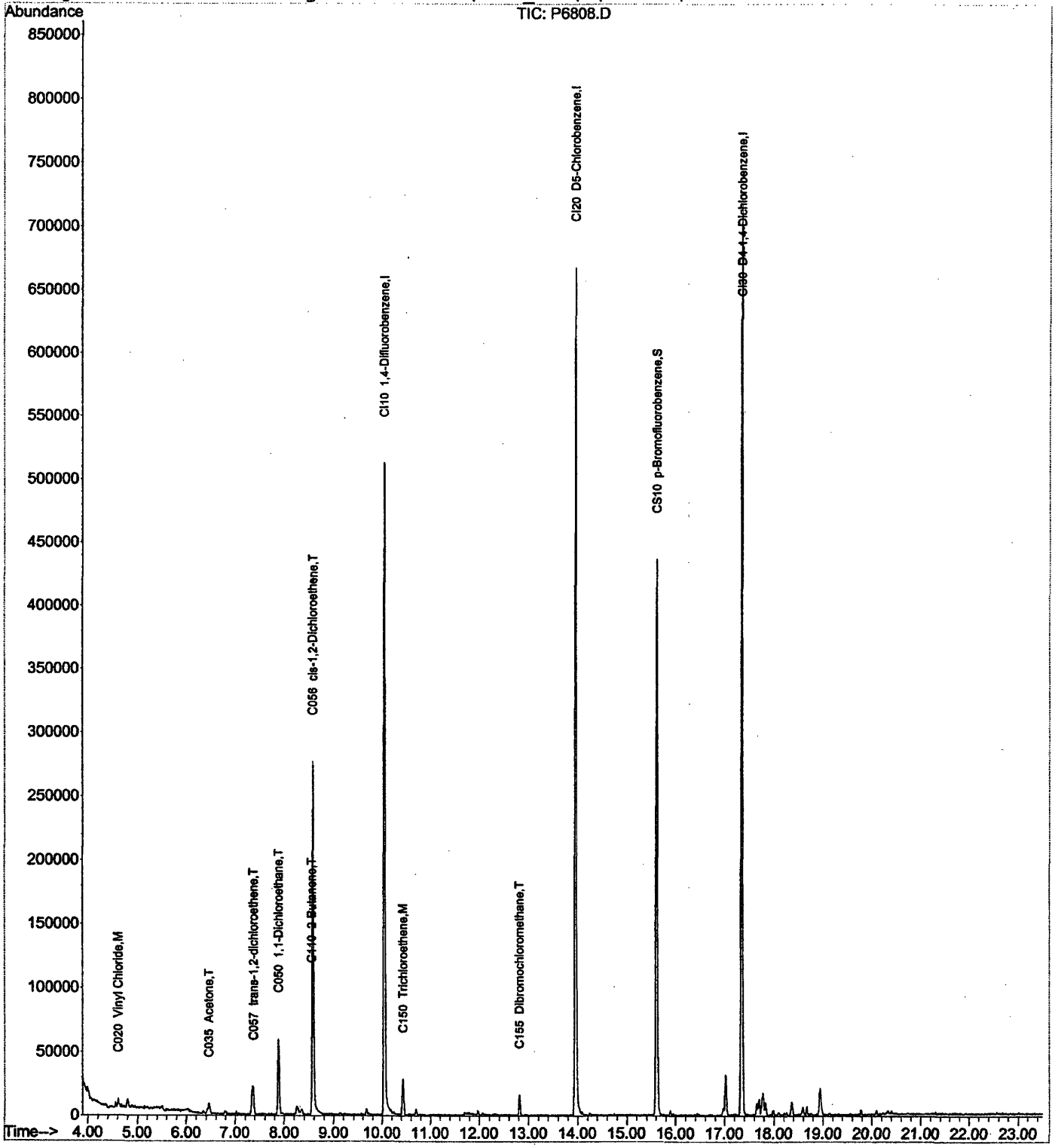
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	
540-59-0	1,2-Dichloroethene (Total)	5	
79-01-6	Trichloroethene	0.4	J
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	0.4	J

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\073004\P6808.D Vial: 17
Acq On : 30 Jul 2004 21:04 Operator: PC
Sample : A4698902 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:04 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\073004\P6801.D



Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6808.D Vial: 17
Acq On : 30 Jul 2004 21:04 Operator: PC
Sample : A4698902 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:04:26 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\073004\P6801.D (30 Jul 2004 15:32)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.05	114	433245	125.00	ng	0.00 66.78%
17) CI20	D5-Chlorobenzene	13.95	117	436957	125.00	ng	0.00 71.81%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	237259	125.00	ng	0.00 68.43%
System Monitoring Compounds							
38) CS10	p-Bromofluorobenzene	15.61	174	138421	111.78	ng	0.00
Spiked Amount 125.000	Range 80 - 120			Recovery = 89.42%			
Target Compounds							Qvalue
2) C010	Chloromethane	4.49	50	130	N.D.		
3) C015	Bromomethane	0.00	94	0	N.D.		
4) C020	Vinyl Chloride	4.62	62	6723	9.35	ng	94
5) C025	Chloroethane	0.00	64	0	N.D.		
6) C030	Methylene Chloride	7.02	84	942	N.D.		
7) C035	Acetone	6.46	43	12605	86.24	ng	92
8) C040	Carbon Disulfide	6.80	76	4159	N.D.		
9) C045	1,1-Dichloroethene	6.43	96	1383	N.D.		
10) C050	1,1-Dichloroethane	7.88	63	62422	29.19	ng	97
11) C057	trans-1,2-dichloroet	7.37	96	6927	6.47	ng #	83
12) C056	cis-1,2-Dichloroethe	8.58	96	133546	115.37	ng	95
13) C060	Chloroform	8.93	83	869	N.D.		
14) C222	Bromochloromethane	0.00	128	0	N.D.		
15) C065	1,2-Dichloroethane	9.66	62	715	N.D.		
16) C110	2-Butanone	8.55	43	2689	14.80	ng	59
18) C115	1,1,1-Trichloroethan	9.21	97	620	N.D.		
19) C120	Carbon Tetrachloride	0.00	117	0	N.D.		
20) C150	Trichloroethene	10.43	95	11940	10.44	ng	94
21) C130	Bromodichloromethane	10.71	83	138	N.D.		
22) C140	1,2-Dichloropropane	10.24	63	300	N.D.		
23) C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
24) C165	Benzene	9.67	78	5333	N.D.		
25) C155	Dibromochloromethane	12.82	129	3966	5.17	ng #	13
26) C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
27) C160	1,1,2-Trichloroethan	0.00	97	0	N.D.		
28) C220	Tetrachloroethene	12.82	166	6087	N.D.		
29) C163	1,2-Dibromoethane	0.00	109	0	N.D.		
30) C210	4-Methyl-2-Pentanone	11.72	43	1877	N.D.		
31) C215	2-Hexanone	12.80	43	140	N.D.		
32) C230	Toluene	12.06	91	1610	N.D.		
33) C235	Chlorobenzene	14.00	112	1888	N.D.		
34) C240	Ethylbenzene	14.11	91	1671	N.D.		
35) C246	m,p-Xylene	14.25	106	143	N.D.		
36) C247	o-Xylene	0.00	106	0	N.D.		
37) C245	Styrene	0.00	104	0	N.D.		
39) C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.		

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

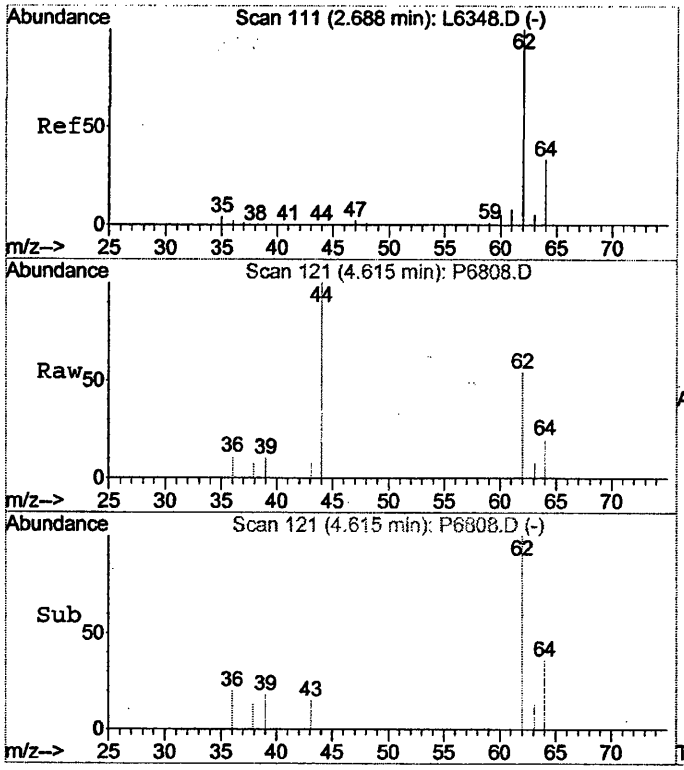
Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6808.D Vial: 17
Acq On : 30 Jul 2004 21:04 Operator: PC
Sample : A4698902 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:04:26 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
41)	C180	Bromoform	0.00	173	0	N.D.	
42)	C260	1,3-Dichlorobenzene	17.26	146	630	N.D.	
43)	C267	1,4-Dichlorobenzene	17.26	146	630	N.D.	
44)	C249	1,2-Dichlorobenzene	17.96	146	269	N.D.	
45)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
46)	C313	1,2,4-Trichlorobenze	20.41	180	294	N.D.	

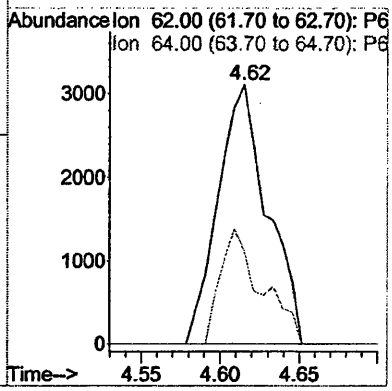
8/9/04

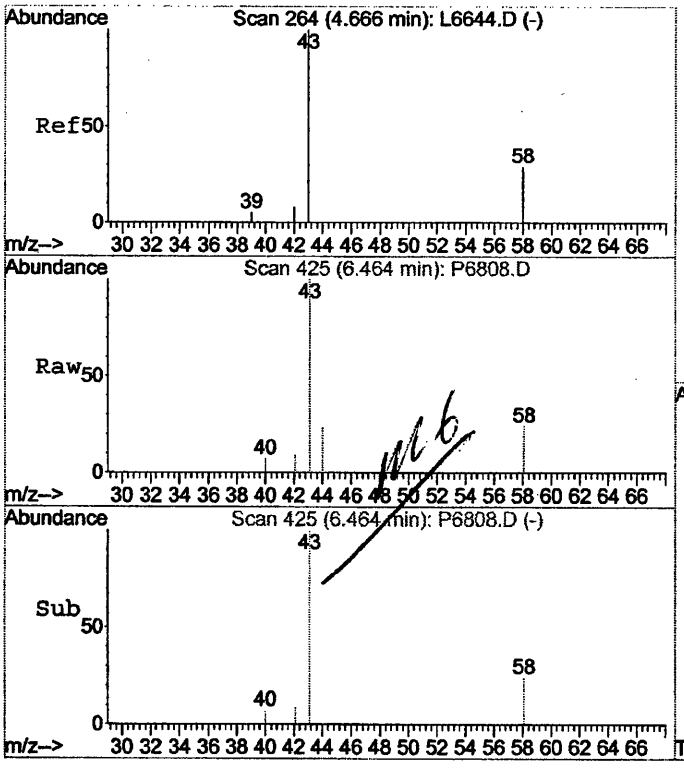


#4
C020 Vinyl Chloride
Concen: 9.35 ng
RT: 4.62 min Scan# 121
Delta R.T. 0.01 min
Lab File: P6808.D
Acq: 30 Jul 2004 21:04

Tgt Ion: 62 Resp: 6723

Ion	Ratio	Lower	Upper
62	100		
64	35.9	12.7	52.7

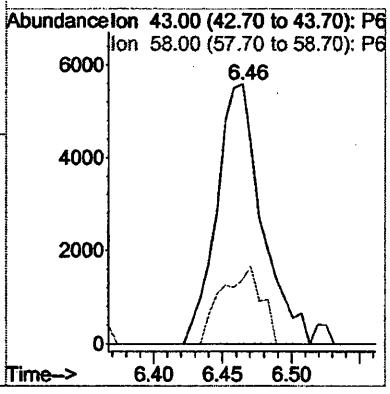


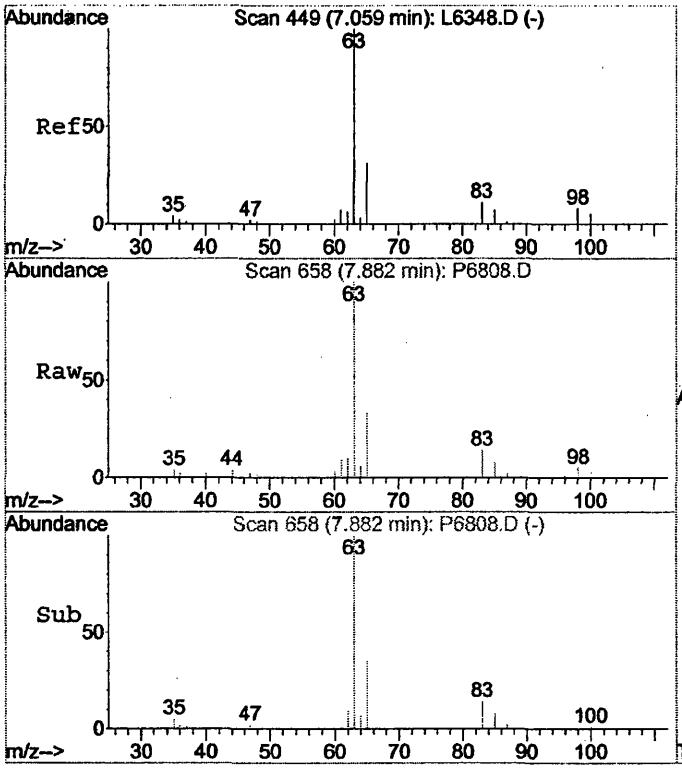


#7
C035 Acetone
Concen: 86.24 ng
RT: 6.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: P6808.D
Acq: 30 Jul 2004 21:04

Tgt Ion: 43 Resp: 12605

Ion	Ratio	Lower	Upper
43	100		
58	24.5	8.6	48.6

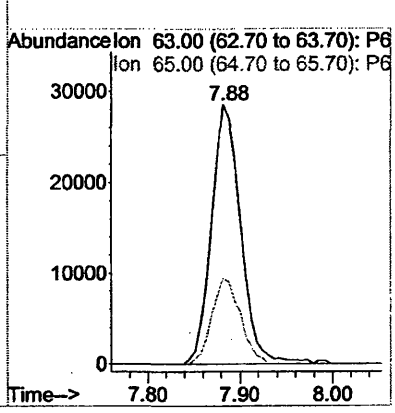


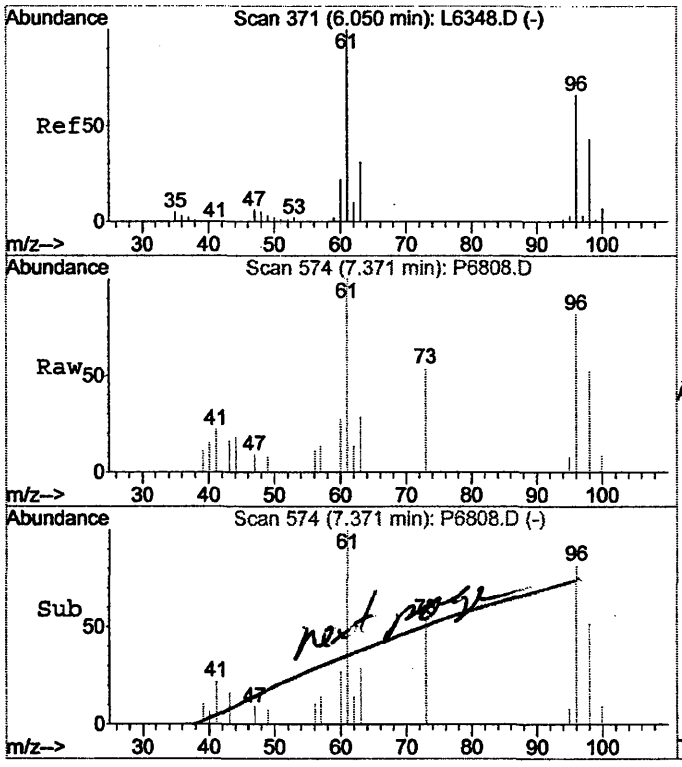


#10
C050 1,1-Dichloroethane
Concen: 29.19 ng
RT: 7.88 min Scan# 658
Delta R.T. -0.00 min
Lab File: P6808.D
Acq: 30 Jul 2004 21:04

Tgt Ion: 63 Resp: 62422

Ion	Ratio	Lower	Upper
63	100		
65	33.0	11.1	51.1

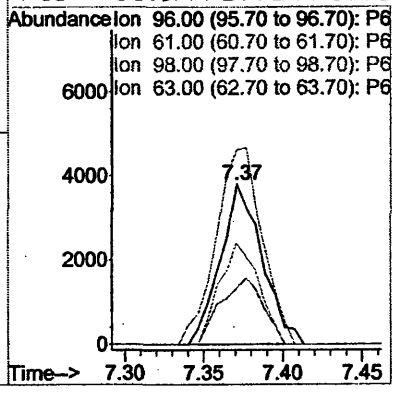




#11
C057 trans-1,2-dichloroethene
Concen: 6.47 ng
RT: 7.37 min Scan# 574
Delta R.T. -0.00 min
Lab File: P6808.D
Acq: 30 Jul 2004 21:04

Tgt Ion: 96 Resp: 6927

Ion	Ratio	Lower	Upper
96	100		
61	121.8	130.7	170.7#
98	63.2	45.5	85.5
63	34.9	27.4	67.4

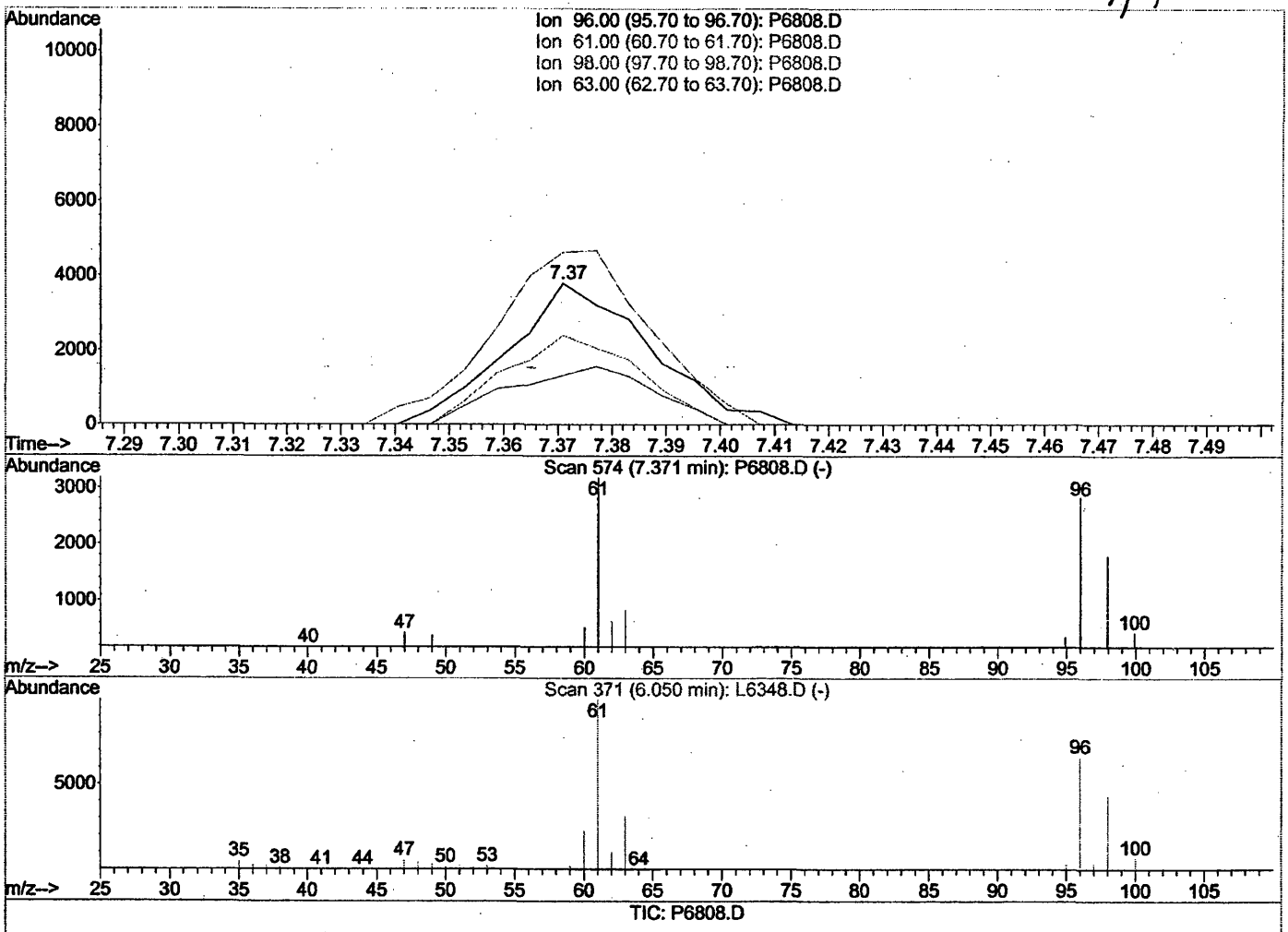


Quantitation Report (Qedit)

Data File : H:\GCMS_VOA\P\073004\P6808.D Vial: 17
Acq On : 30 Jul 2004 21:04 Operator: PC
Sample : A4698902 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 10:40 2004 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single Level Calibration

7/31/04



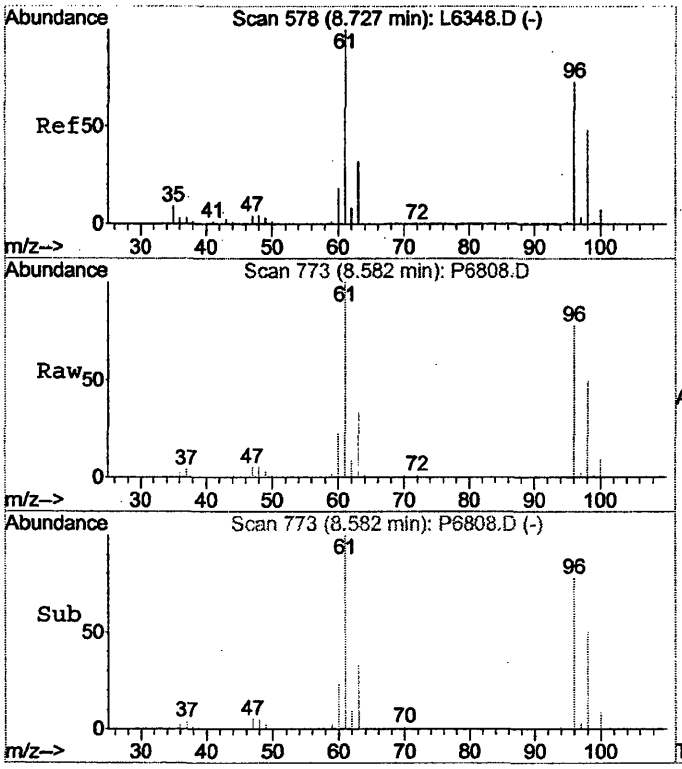
TIC: P6808.D

(11) C057 trans-1,2-dichloroethene (T)

7.37min 6.47ng

response 6927

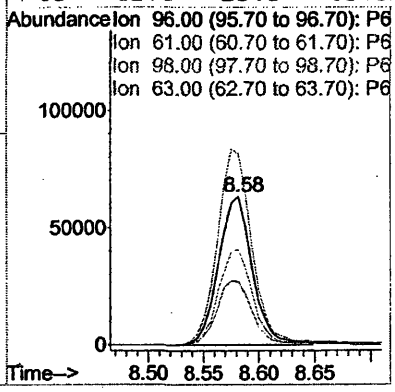
Ion	Exp%	Act%
96.00	100	100
61.00	150.70	121.83#
98.00	65.50	63.17
63.00	47.40	34.85

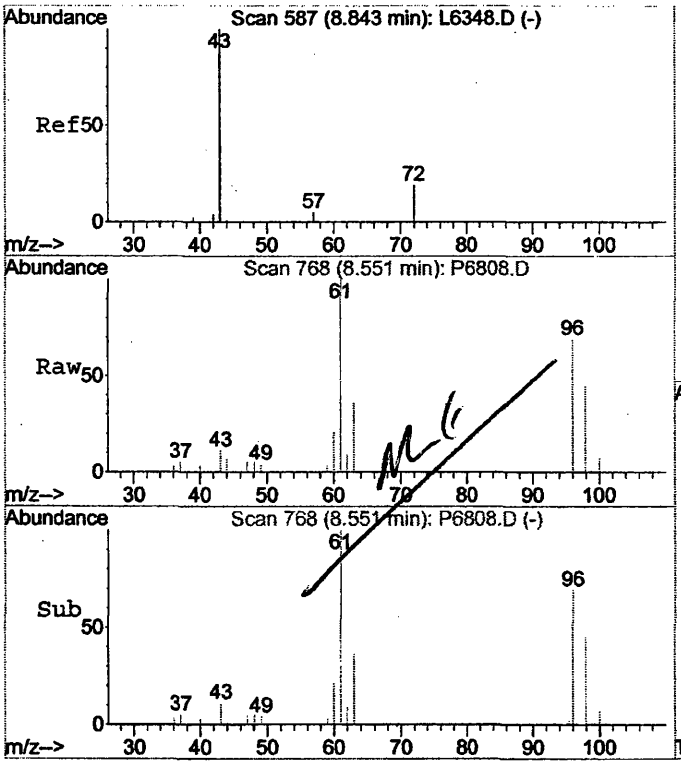


#12
C056 cis-1,2-Dichloroethene
Concen: 115.37 ng
RT: 8.58 min Scan# 773
Delta R.T. 0.01 min
Lab File: P6808.D
Acq: 30 Jul 2004 21:04

Tgt Ion: 96 Resp: 133546

Ion	Ratio	Lower	Upper
96	100		
61	128.6	117.3	157.3
98	64.1	46.0	86.0
63	42.8	23.3	63.3

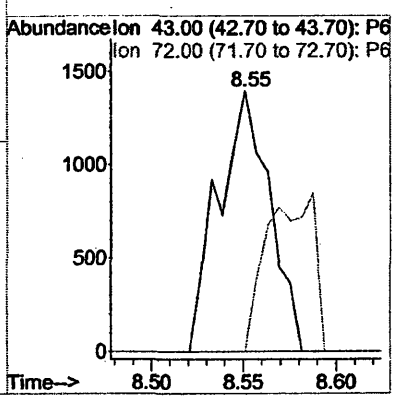


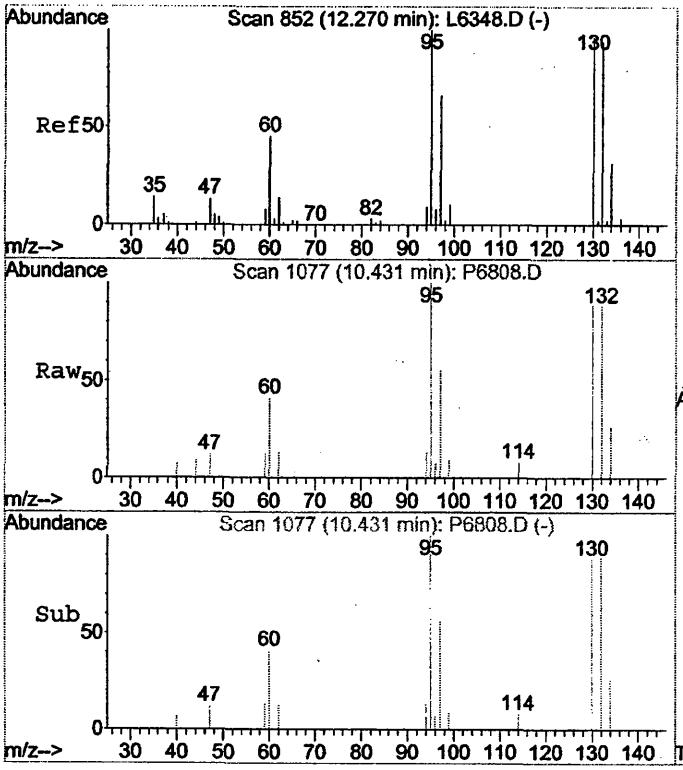


#16
C110 2-Butanone
Concen: 14.80 ng
RT: 8.55 min Scan# 768
Delta R.T. 0.01 min
Lab File: P6808.D
Acq: 30 Jul 2004 21:04

Tgt Ion: 43 Resp: 2689

Ion	Ratio	Lower	Upper
43	100		
72	0.0	0.0	38.5

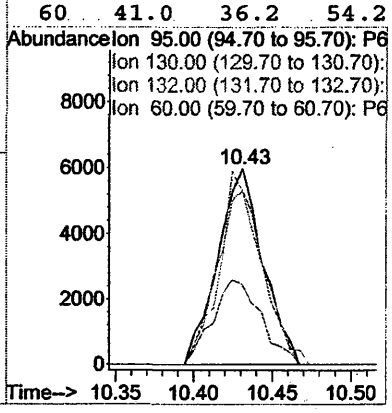


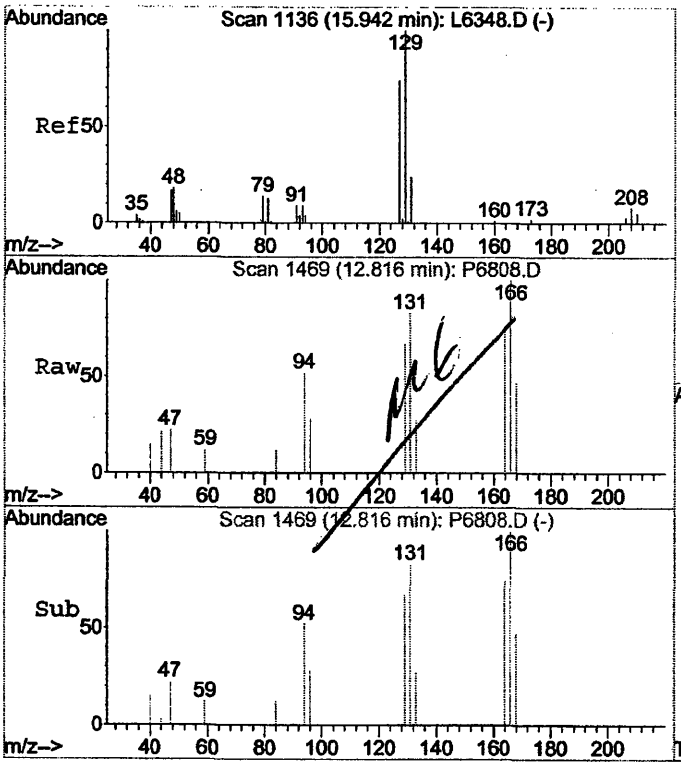


#20
C150 Trichloroethene
Concen: 10.44 ng
RT: 10.43 min Scan# 1077
Delta R.T. 0.01 min
Lab File: P6808.D
Acq: 30 Jul 2004 21:04

Tgt Ion: 95 Resp: 11940

Ion	Ratio	Lower	Upper
95	100		
130	88.8	76.7	115.1
132	88.7	75.3	112.9
60	41.0	36.2	54.2

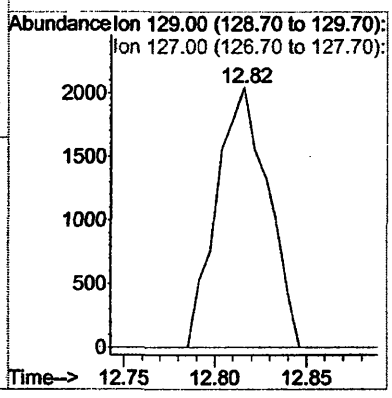




#25
C155 Dibromochloromethane
Concen: 5.17 ng
RT: 12.82 min Scan# 1469
Delta R.T. -0.32 min
Lab File: P6808.D
Acq: 30 Jul 2004 21:04

Tgt Ion:129 Resp: 3966

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	93.9#



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698903

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6809.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

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

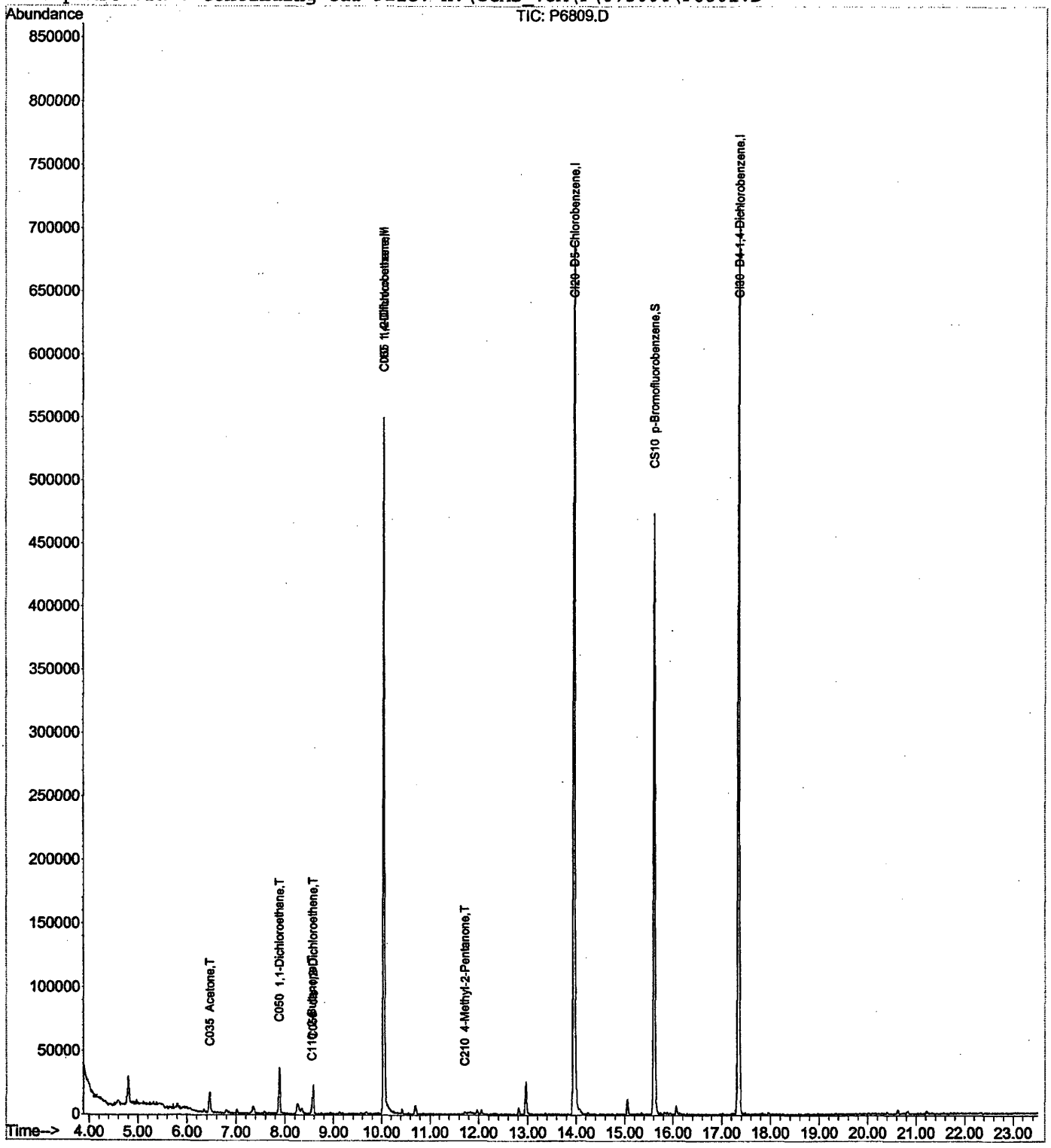
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	0.7	J
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\073004\P6809.D Vial: 18
Acq On : 30 Jul 2004 23:53 Operator: PC
Sample : A4698903 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 7:48 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\073004\P6801.D



Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6809.D Vial: 18
Acq On : 30 Jul 2004 23:53 Operator: PC
Sample : A4698903 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 07:48:55 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\073004\P6801.D (30 Jul 2004 15:32)

NO FLGS SK 7/31/04

			R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
Internal Standards								
1)	CI10	1,4-Difluorobenzene	10.05	114	460383	125.00	ng	0.00 70.96%
17)	CI20	D5-Chlorobenzene	13.95	117	457236	125.00	ng	0.00 75.14%
40)	CI30	D4-1,4-Dichlorobenze	17.34	152	233006	125.00	ng	0.00 67.20%
System Monitoring Compounds								
38)	CS10	p-Bromofluorobenzene	15.61	174	147854	114.10	ng	0.00
Spiked Amount 125.000 Range 80 - 120 Recovery = 91.28%								
Target Compounds								Qvalue
2)	C010	Chloromethane	4.43	50	1868	N.D.		
3)	C015	Bromomethane	0.00	94	0	N.D.		
4)	C020	Vinyl Chloride	4.61	62	3079	N.D.		
5)	C025	Chloroethane	5.33	64	256	N.D.		
6)	C030	Methylene Chloride	7.02	84	1783	N.D.		
7)	C035	Acetone	6.46	43	25199	162.23	ng	~~91~~ ME
8)	C040	Carbon Disulfide	6.80	76	3614	N.D.		
9)	C045	1,1-Dichloroethene	0.00	96	0	N.D.		
10)	C050	1,1-Dichloroethane	7.88	63	39421	17.35	ng	97
11)	C057	trans-1,2-dichloroet	7.38	96	1320	N.D.		
12)	C056	cis-1,2-Dichloroethe	8.58	96	11261	9.15	ng	92
13)	C060	Chloroform	8.93	83	596	N.D.		
14)	C222	Bromochloromethane	0.00	128	0	N.D.		
15)	C065	1,2-Dichloroethane	10.04	62	16387	~~11.56~~	ng	~~#~~ 1
16)	C110	2-Butanone	8.55	43	4583	23.74	ng	~~91~~ ME
18)	C115	1,1,1-Trichloroethan	0.00	97	0	N.D.		
19)	C120	Carbon Tetrachloride	0.00	117	0	N.D.		
20)	C150	Trichloroethene	10.42	95	1562	N.D.		
21)	C130	Bromodichloromethane	11.02	83	128	N.D.		
22)	C140	1,2-Dichloropropane	10.72	63	131	N.D.		
23)	C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.		
24)	C165	Benzene	9.68	78	2859	N.D.		
25)	C155	Dibromochloromethane	13.14	129	130	N.D.		
26)	C170	trans-1,3-Dichloropr	0.00	75	0	N.D.		
27)	C160	1,1,2-Trichloroethan	12.55	97	191	N.D.		
28)	C220	Tetrachloroethene	12.82	166	1811	N.D.		
29)	C163	1,2-Dibromoethane	0.00	109	0	N.D.		
30)	C210	4-Methyl-2-Pentanone	11.72	43	2428	5.04	ng	~~#~~ 40 ME
31)	C215	2-Hexanone	12.81	43	1145	N.D.		
32)	C230	Toluene	12.06	91	4160	N.D.		
33)	C235	Chlorobenzene	14.00	112	3583	N.D.		
34)	C240	Ethylbenzene	14.10	91	3340	N.D.		
35)	C246	m,p-Xylene	14.25	106	708	N.D.		
36)	C247	o-Xylene	0.00	106	0	N.D.		
37)	C245	Styrene	14.85	104	129	N.D.		
39)	C225	1,1,2,2-Tetrachloroe	15.74	83	944	N.D.		

Below Reporting Limits

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

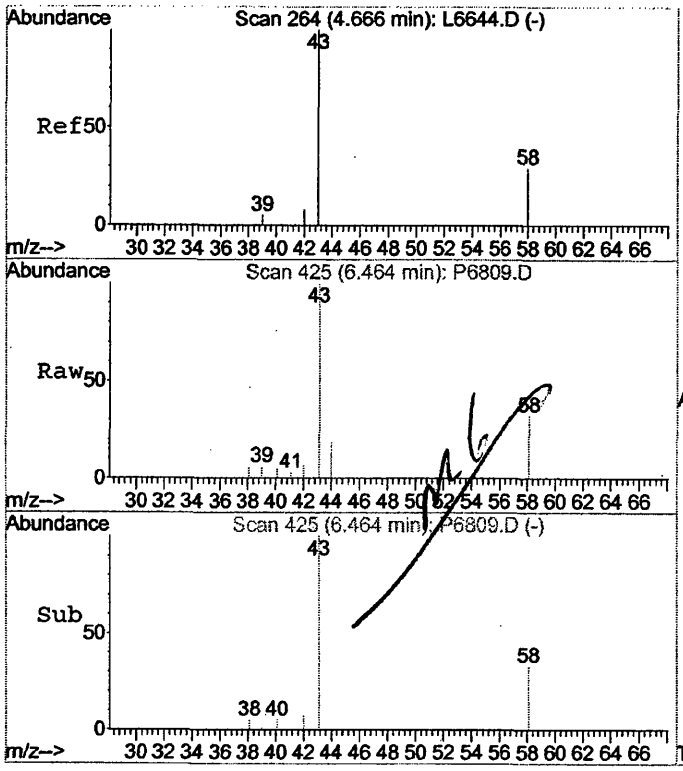
Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6809.D Vial: 18
Acq On : 30 Jul 2004 23:53 Operator: PC
Sample : A4698903 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 07:48:55 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
41)	C180	Bromoform	15.60	173	218	N.D.	
42)	C260	1,3-Dichlorobenzene	17.25	146	1130	N.D.	
43)	C267	1,4-Dichlorobenzene	17.25	146	1130	N.D.	
44)	C249	1,2-Dichlorobenzene	17.96	146	1186	N.D.	
45)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
46)	C313	1,2,4-Trichlorobenze	20.40	180	1257	N.D.	

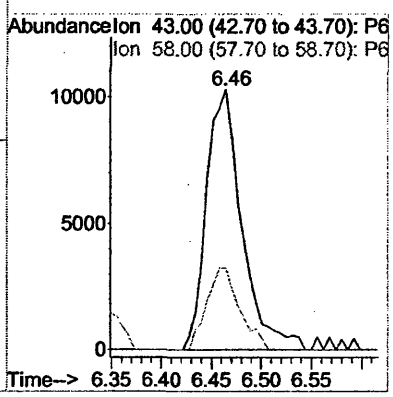
8/9/04

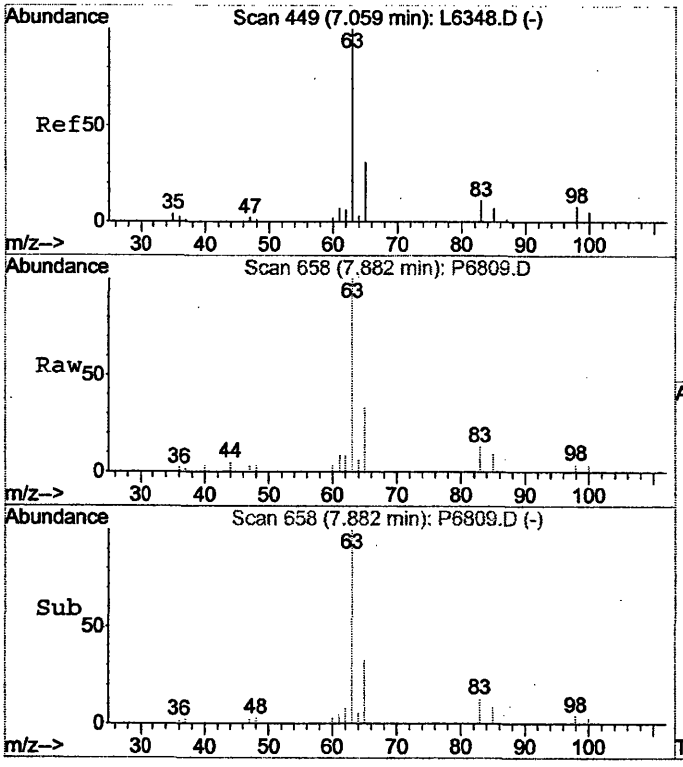


#7
C035 Acetone
Concen: 162.23 ng
RT: 6.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: P6809.D
Acq: 30 Jul 2004 23:53

Tgt Ion: 43 Resp: 25199

Ion	Ratio	Lower	Upper
43	100		
58	31.6	8.6	48.6

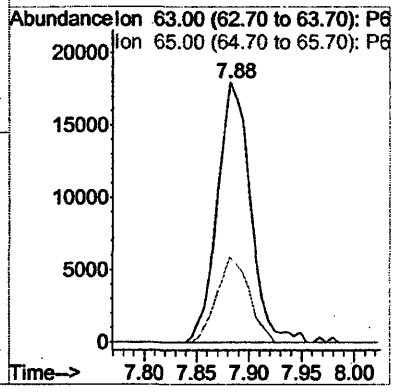


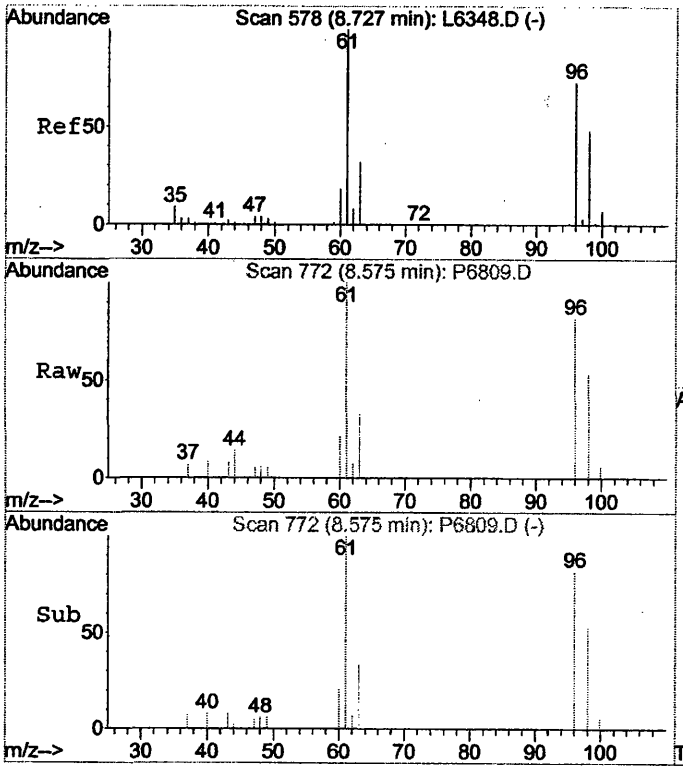


#10
C050 1,1-Dichloroethane
Concen: 17.35 ng
RT: 7.88 min Scan# 658
Delta R.T. -0.00 min
Lab File: P6809.D
Acq: 30 Jul 2004 23:53

Tgt Ion: 63 Resp: 39421

Ion	Ratio	Lower	Upper
63	100		
65	32.8	11.1	51.1

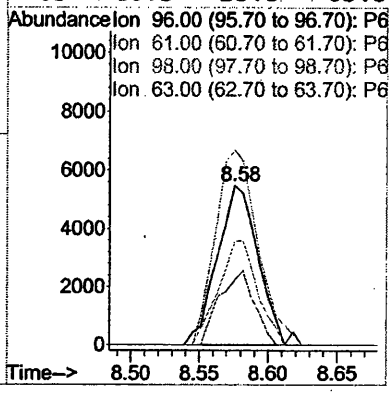


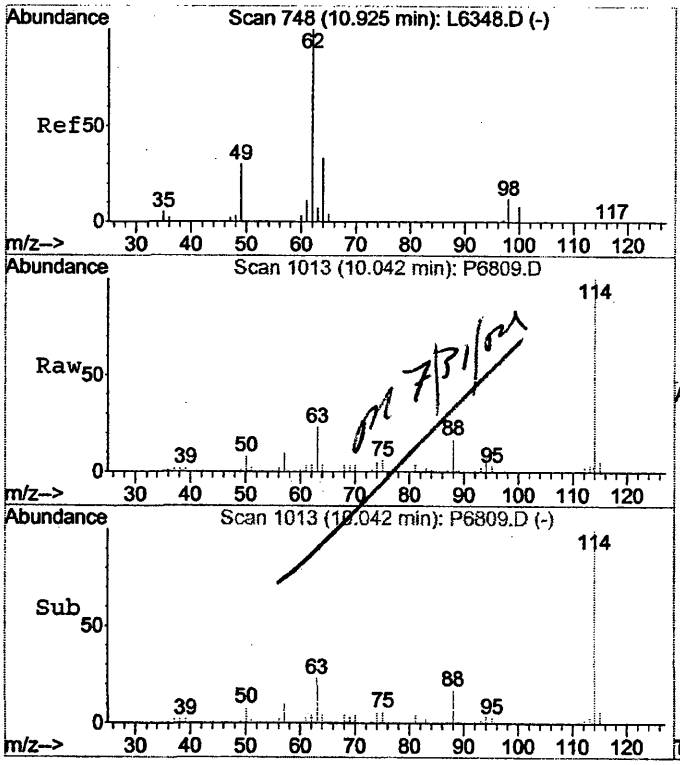


#12
C056 cis-1,2-Dichloroethene
Concen: 9.15 ng
RT: 8.58 min Scan# 772
Delta R.T. -0.00 min
Lab File: P6809.D
Acq: 30 Jul 2004 23:53

Tgt Ion: 96 Resp: 11261

Ion	Ratio	Lower	Upper
96	100		
61	122.4	117.3	157.3
98	64.8	46.0	86.0
63	40.5	23.3	63.3

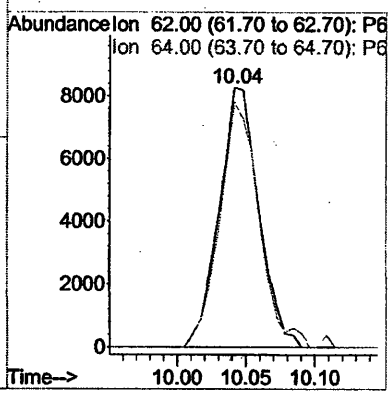




#15
C065 1,2-Dichloroethane
Concen: 11.56 ng
RT: 10.04 min Scan# 1013
Delta R.T. 0.38 min
Lab File: P6809.D
Acq: 30 Jul 2004 23:53

Tgt Ion: 62 Resp: 16387

Ion	Ratio	Lower	Upper
62	100		
64	94.3	13.2	53.2#



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698904

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6810.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

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

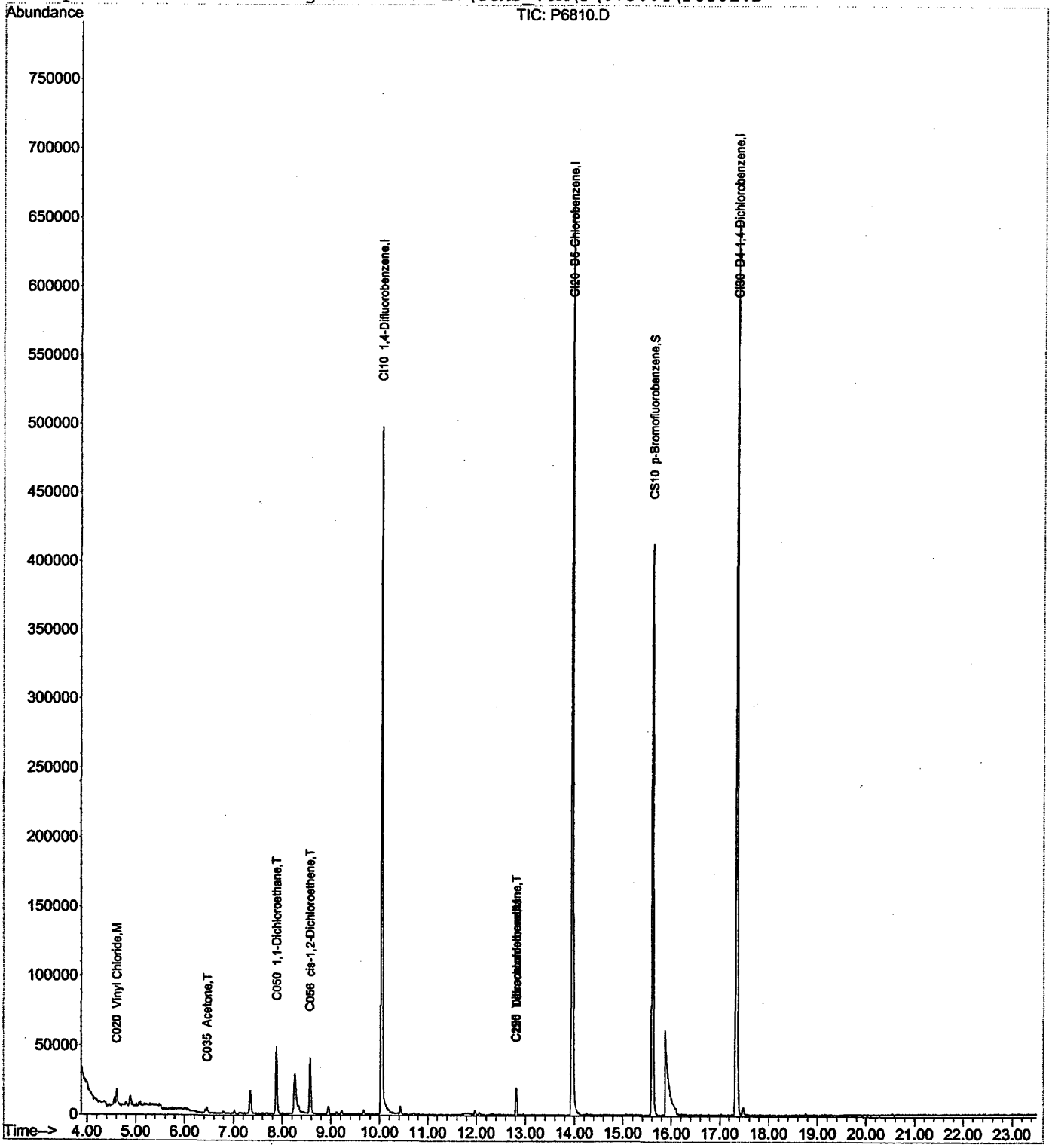
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	
540-59-0	1,2-Dichloroethene (Total)	0.7	J
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	0.8	J

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\073004\P6810.D Vial: 19
Acq On : 31 Jul 2004 00:26 Operator: PC
Sample : A4698904 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 7:49 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\073004\P6801.D



Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6810.D Vial: 19
Acq On : 31 Jul 2004 00:26 Operator: PC
Sample : A4698904 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 07:49:21 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\073004\P6801.D (30 Jul 2004 15:32)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.05	114	412859	125.00	ng		0.00 63.63%
17) CI20	D5-Chlorobenzene	13.95	117	426454	125.00	ng		0.00 70.08%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	211375	125.00	ng		0.00 60.96%
System Monitoring Compounds								
38) CS10	p-Bromofluorobenzene	15.61	174	131400	108.72	ng		0.00
Spiked Amount 125.000		Range 80 - 120		Recovery = 86.98%				
Target Compounds								Qvalue
2) C010	Chloromethane	4.89	50	141	N.D.			
3) C015	Bromomethane	5.19	94	128	N.D.			
4) C020	Vinyl Chloride	4.61	62	14697	21.44	ng		95
5) C025	Chloroethane	0.00	64	0	N.D.			
6) C030	Methylene Chloride	7.03	84	815	N.D.			
7) C035	Acetone	6.46	43	5691	40.86	ng		96
8) C040	Carbon Disulfide	6.80	76	2093	N.D.			
9) C045	1,1-Dichloroethene	6.42	96	1328	N.D.			
10) C050	1,1-Dichloroethane	7.88	63	53662	26.33	ng		97
11) C057	trans-1,2-dichloroet	0.00	96	0	N.D.			
12) C056	cis-1,2-Dichloroethe	8.58	96	20481	18.57	ng		91
13) C060	Chloroform	0.00	83	0	N.D.			
14) C222	Bromochloromethane	0.00	128	0	N.D.			
15) C065	1,2-Dichloroethane	9.66	62	1099	N.D.			
16) C110	2-Butanone	8.33	43	796	N.D.			
18) C115	1,1,1-Trichloroethan	9.22	97	2634	N.D.			
19) C120	Carbon Tetrachloride	0.00	117	0	N.D.			
20) C150	Trichloroethene	10.43	95	2746	N.D.			
21) C130	Bromodichloromethane	10.72	83	132	N.D.			
22) C140	1,2-Dichloropropane	0.00	63	0	N.D.			
23) C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.			
24) C165	Benzene	9.67	78	3107	N.D.			
25) C155	Dibromochloromethane	12.82	129	5733	7.66	ng	#	13
26) C170	trans-1,3-Dichloropr	0.00	75	0	N.D.			
27) C160	1,1,2-Trichloroethan	0.00	97	0	N.D.			
28) C220	Tetrachloroethene	12.82	166	7114	5.84	ng	#	85
29) C163	1,2-Dibromoethane	0.00	109	0	N.D.			
30) C210	4-Methyl-2-Pentanone	11.71	43	450	N.D.			
31) C215	2-Hexanone	12.81	43	148	N.D.			
32) C230	Toluene	12.06	91	2027	N.D.			
33) C235	Chlorobenzene	14.00	112	1928	N.D.			
34) C240	Ethylbenzene	14.09	91	1409	N.D.			
35) C246	m,p-Xylene	14.10	106	277	N.D.			
36) C247	o-Xylene	0.00	106	0	N.D.			
37) C245	Styrene	0.00	104	0	N.D.			
39) C225	1,1,2,2-Tetrachloroe	0.00	83	0	N.D.			

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

Quantitation Report

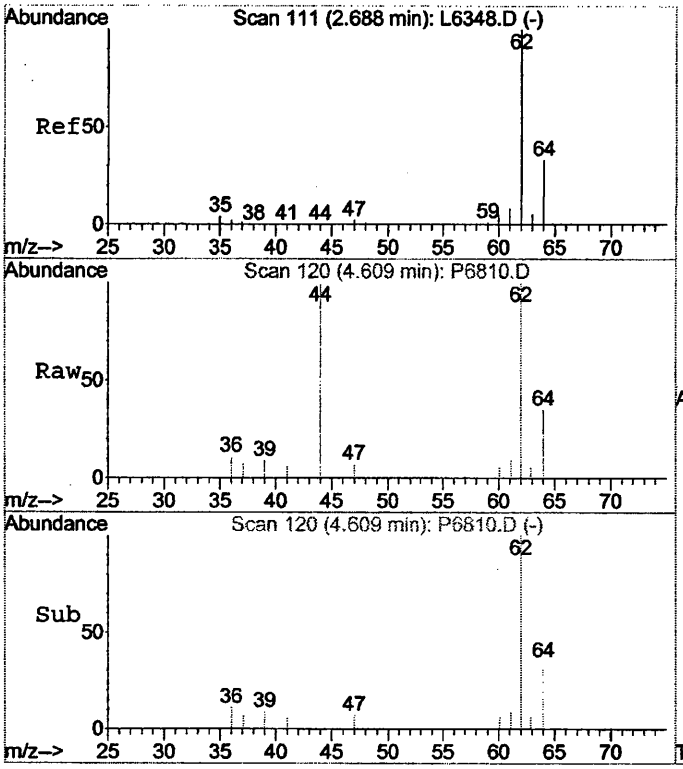
Data File : H:\GCMS_VOA\P\073004\P6810.D Vial: 19
Acq On : 31 Jul 2004 00:26 Operator: PC
Sample : A4698904 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 07:49:21 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
41)	C180	Bromoform	0.00	173	0	N.D.	
42)	C260	1,3-Dichlorobenzene	17.26	146	277	N.D.	
43)	C267	1,4-Dichlorobenzene	17.26	146	277	N.D.	
44)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
45)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
46)	C313	1,2,4-Trichlorobenze	20.40	180	315	N.D.	

8/9/04

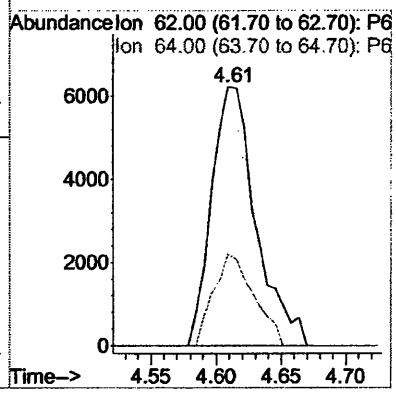
(#) = qualifier out of range (m) = manual integration

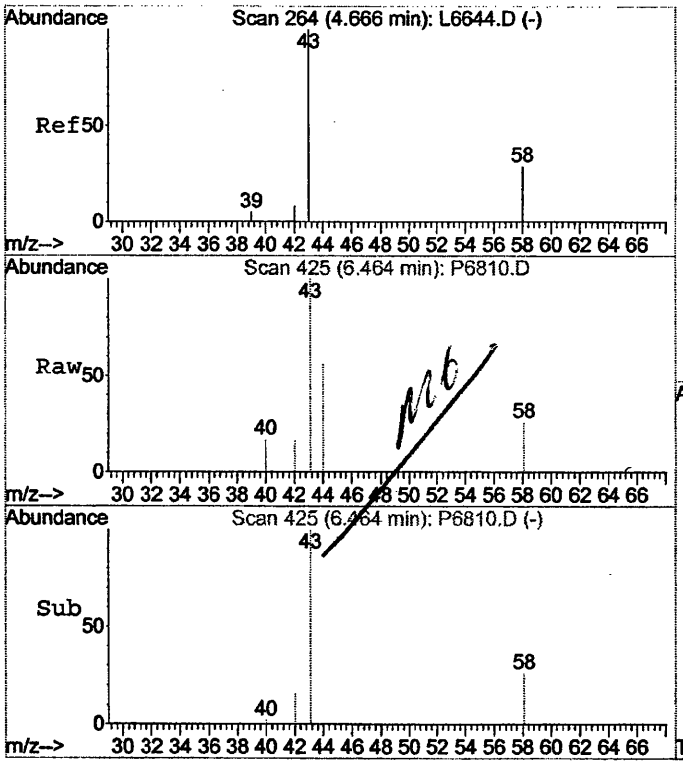


#4
C020 Vinyl Chloride
Concen: 21.44 ng
RT: 4.61 min Scan# 120
Delta R.T. -0.00 min
Lab File: P6810.D
Acq: 31 Jul 2004 00:26

Tgt Ion: 62 Resp: 14697

Ion	Ratio	Lower	Upper
62	100		
64	35.3	12.7	52.7

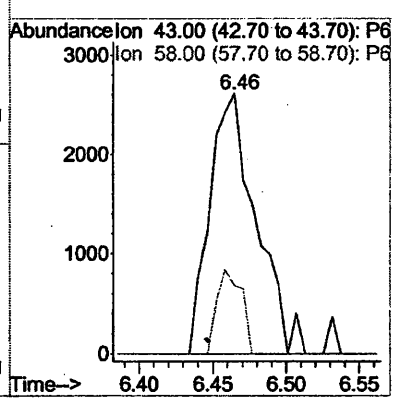


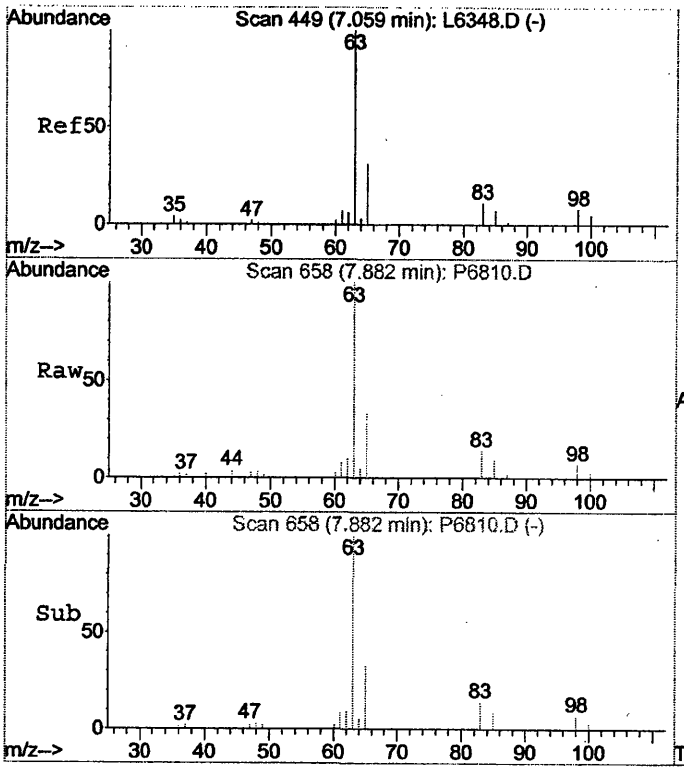


#7
C035 Acetone
Concen: 40.86 ng
RT: 6.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: P6810.D
Acq: 31 Jul 2004 00:26

Tgt Ion: 43 Resp: 5691

Ion	Ratio	Lower	Upper
43	100		
58	26.2	8.6	48.6

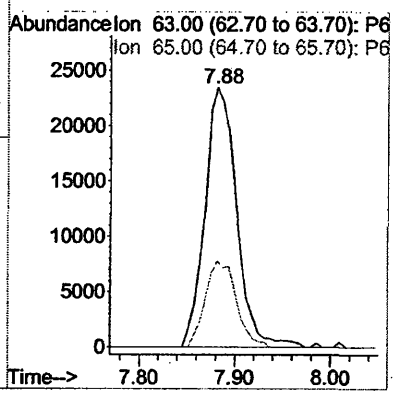


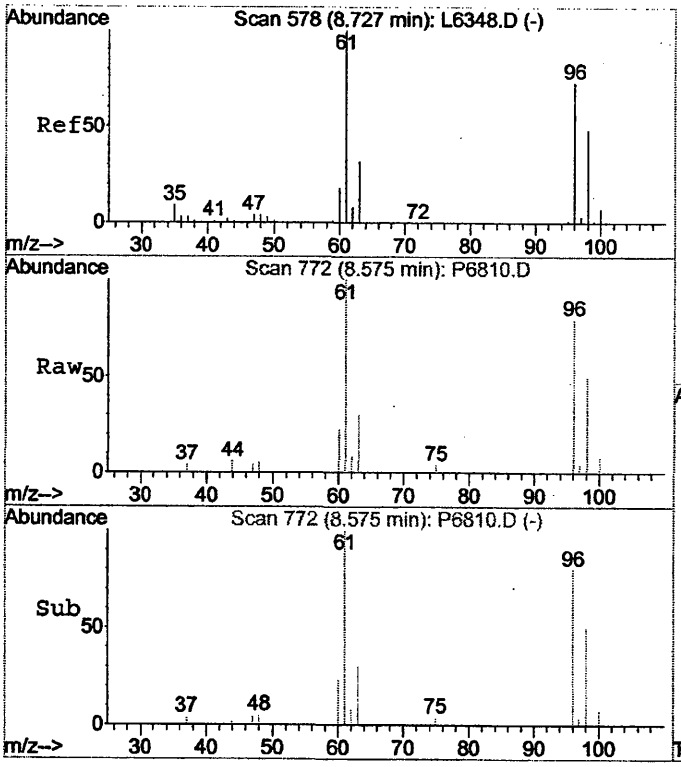


#10
C050 1,1-Dichloroethane
Concen: 26.33 ng
RT: 7.88 min Scan# 658
Delta R.T. -0.00 min
Lab File: P6810.D
Acq: 31 Jul 2004 00:26

Tgt Ion: 63 Resp: 53662

Ion	Ratio	Lower	Upper
63	100		
65	33.0	11.1	51.1

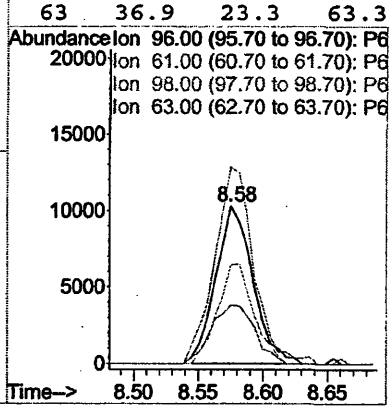


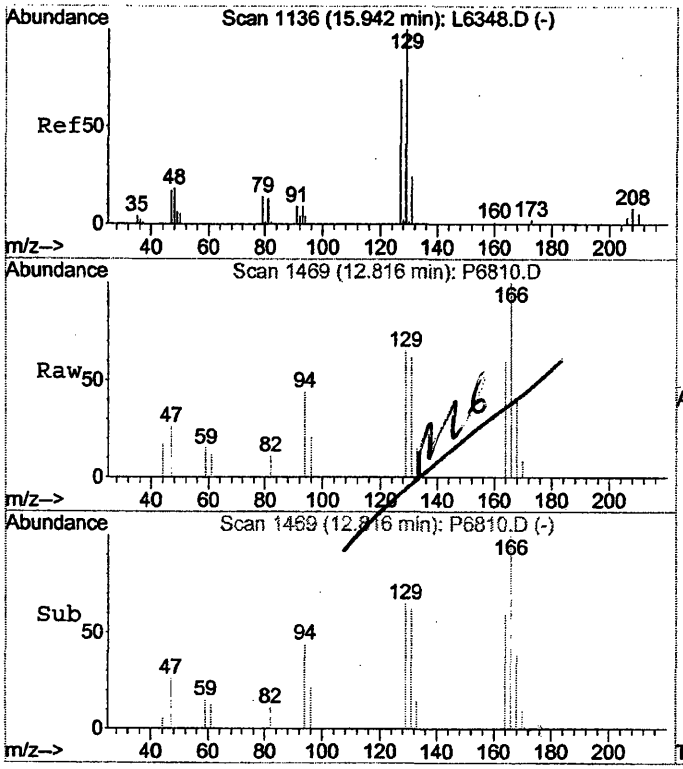


#12
C056 cis-1,2-Dichloroethene
Concen: 18.57 ng
RT: 8.58 min Scan# 772
Delta R.T. -0.00 min
Lab File: P6810.D
Acq: 31 Jul 2004 00:26

Tgt Ion: 96 Resp: 20481

Ion	Ratio	Lower	Upper
96	100		
61	124.8	117.3	157.3
98	62.6	46.0	86.0
63	36.9	23.3	63.3

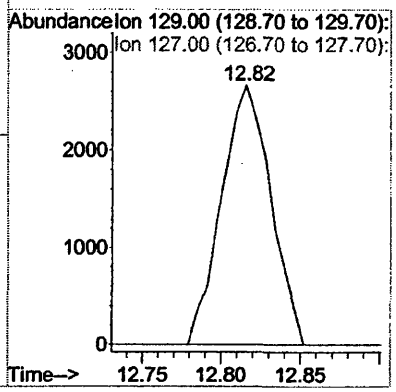


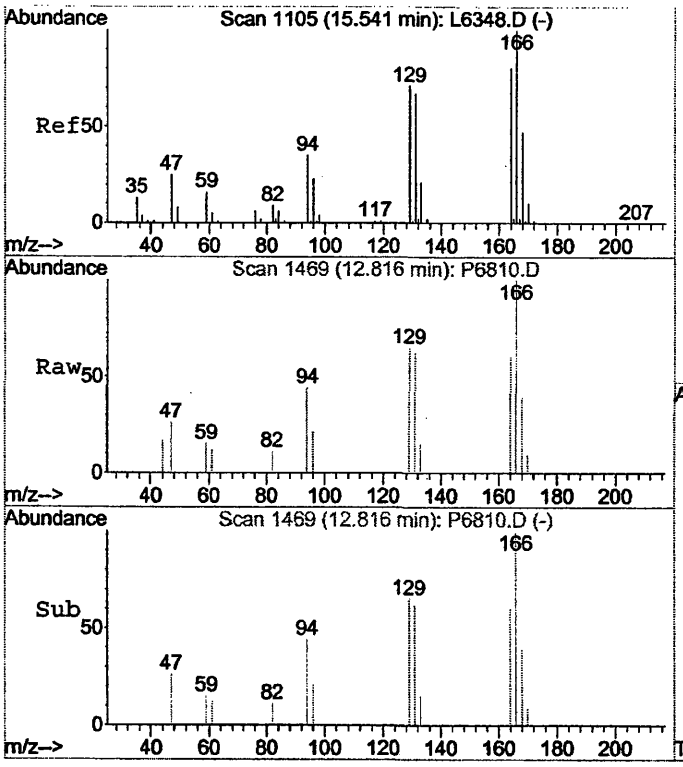


#25
C155 Dibromochloromethane
Concen: 7.66 ng
RT: 12.82 min Scan# 1469
Delta R.T. -0.32 min
Lab File: P6810.D
Acq: 31 Jul 2004 00:26

Tgt Ion:129 Resp: 5733

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.9	93.9#

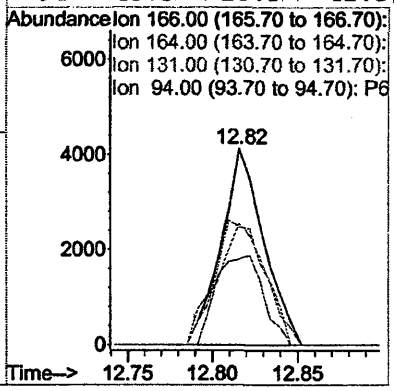




#28
C220 Tetrachloroethene
Concen: 5.84 ng
RT: 12.82 min Scan# 1469
Delta R.T. -0.00 min
Lab File: P6810.D
Acq: 31 Jul 2004 00:26

Tgt Ion:166 Resp: 7114

Ion	Ratio	Lower	Upper
166	100		
164	60.1	63.9	95.9#
131	61.7	53.9	80.9
94	43.5	28.3	42.5#



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

DG-1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698905

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7919.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

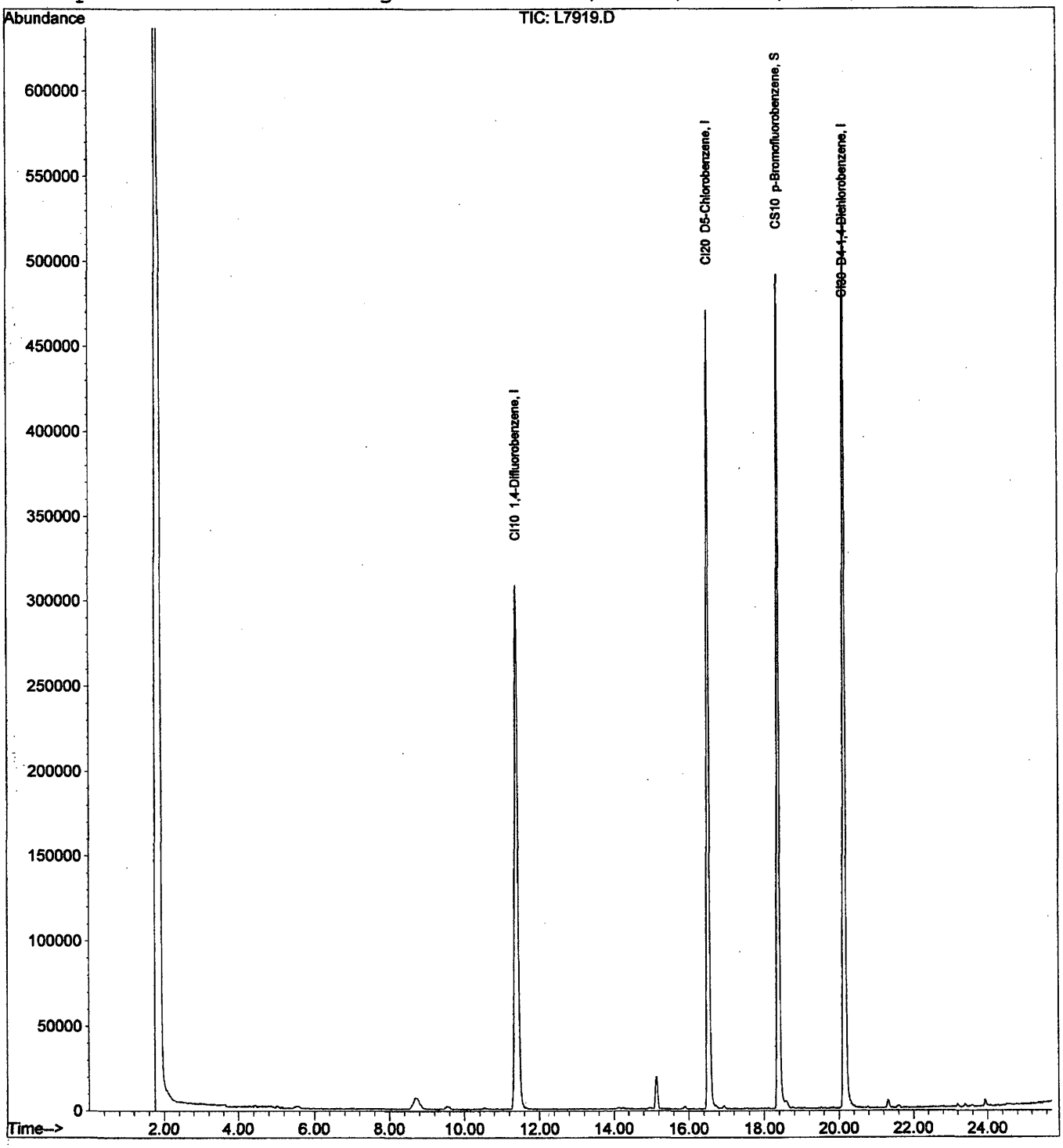
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7919.D Vial: 5
Acq On : 31 Jul 2004 15:42 Operator: PC
Sample : A4698905 B Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7919.D Vial: 5
Acq On : 31 Jul 2004 15:42 Operator: PC
Sample : A4698905 B Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

NO TK Clear 8/2/04

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.41	114	890202	125.00 ng	0.03 101.98%
24) CI20	D5-Chlorobenzene	16.54	117	684968	125.00 ng	0.03 99.68%
48) CI30	D4-1,4-Dichlorobenze	20.15	152	373271	125.00 ng	0.02 90.59%

System Monitoring Compounds

45) CS10	p-Bromofluorobenzene	18.39	174	333329	119.70 ng	0.02

Spiked Amount 125.000 Range 80 - 120 Recovery = 95.76%

Target Compounds					Qvalue
2) C290	Dichlorodifluorometh	0.00	85	N.D.	
3) C010	Chloromethane	0.00	50	N.D.	
4) C015	Bromomethane	0.00	94	N.D.	
5) C020	Vinyl Chloride	0.00	62	N.D.	
6) C025	Chloroethane	0.00	64	N.D.	
7) C275	Trichlorotrifluorome	0.00	101	N.D.	
8) C030	Methylene Chloride	0.00	84	N.D.	
9) C035	Acetone	0.00	43	N.D.	
10) C040	Carbon Disulfide	0.00	76	N.D.	
11) C045	1,1-Dichloroethene	0.00	96	N.D.	
12) C962	T-butyl Methyl Ether	0.00	73	N.D.	
13) C050	1,1-Dichloroethane	0.00	63	N.D.	
14) C057	trans-1,2-dichloroet	0.00	96	N.D.	
15) C056	cis-1,2-Dichloroethe	0.00	96	N.D.	
16) C060	Chloroform	0.00	83	N.D.	
17) C222	Bromochloromethane	0.00	128	N.D.	
18) C065	1,2-Dichloroethane	0.00	62	N.D.	
19) C110	2-Butanone	0.00	43	N.D.	
20) C255	Methyl Acetate	0.00	43	N.D.	
21) C291	1,1,2 Trichloro-1,2,	0.00	101	N.D.	
22) C256	Cyclohexane	0.00	56	N.D.	
23) C012	Methylcyclohexane	0.00	83	N.D.	
25) C115	1,1,1-Trichloroethan	0.00	97	N.D.	
26) C120	Carbon Tetrachloride	0.00	117	N.D.	
27) C150	Trichloroethene	0.00	95	N.D.	
28) C130	Bromodichloromethane	0.00	83	N.D.	

8/9/2004

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7919.D Vial: 5
Acq On : 31 Jul 2004 15:42 Operator: PC
Sample : A4698905 B Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.	
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.	
31)	C165	Benzene	0.00	78		N.D.	
32)	C155	Dibromochloromethane	0.00	129		N.D.	
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.	
35)	C220	Tetrachloroethene	0.00	166		N.D.	
36)	C163	1,2-Dibromoethane	0.00	109		N.D.	
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.	
38)	C215	2-Hexanone	0.00	43		N.D.	
39)	C230	Toluene	0.00	91		N.D.	
40)	C235	Chlorobenzene	0.00	112		N.D.	
41)	C240	Ethylbenzene	0.00	91		N.D.	
42)	C246	m,p-Xylene	0.00	106		N.D.	
43)	C247	o-Xylene	0.00	106		N.D.	
44)	C245	Styrene	0.00	104		N.D.	
46)	C966	Isopropylbenzene	0.00	105		N.D.	
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.	
49)	C180	Bromoform	0.00	173		N.D.	
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.	
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.	
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.	
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.	
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.	

8/9/2004

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

Duplicate

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698906

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7920.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

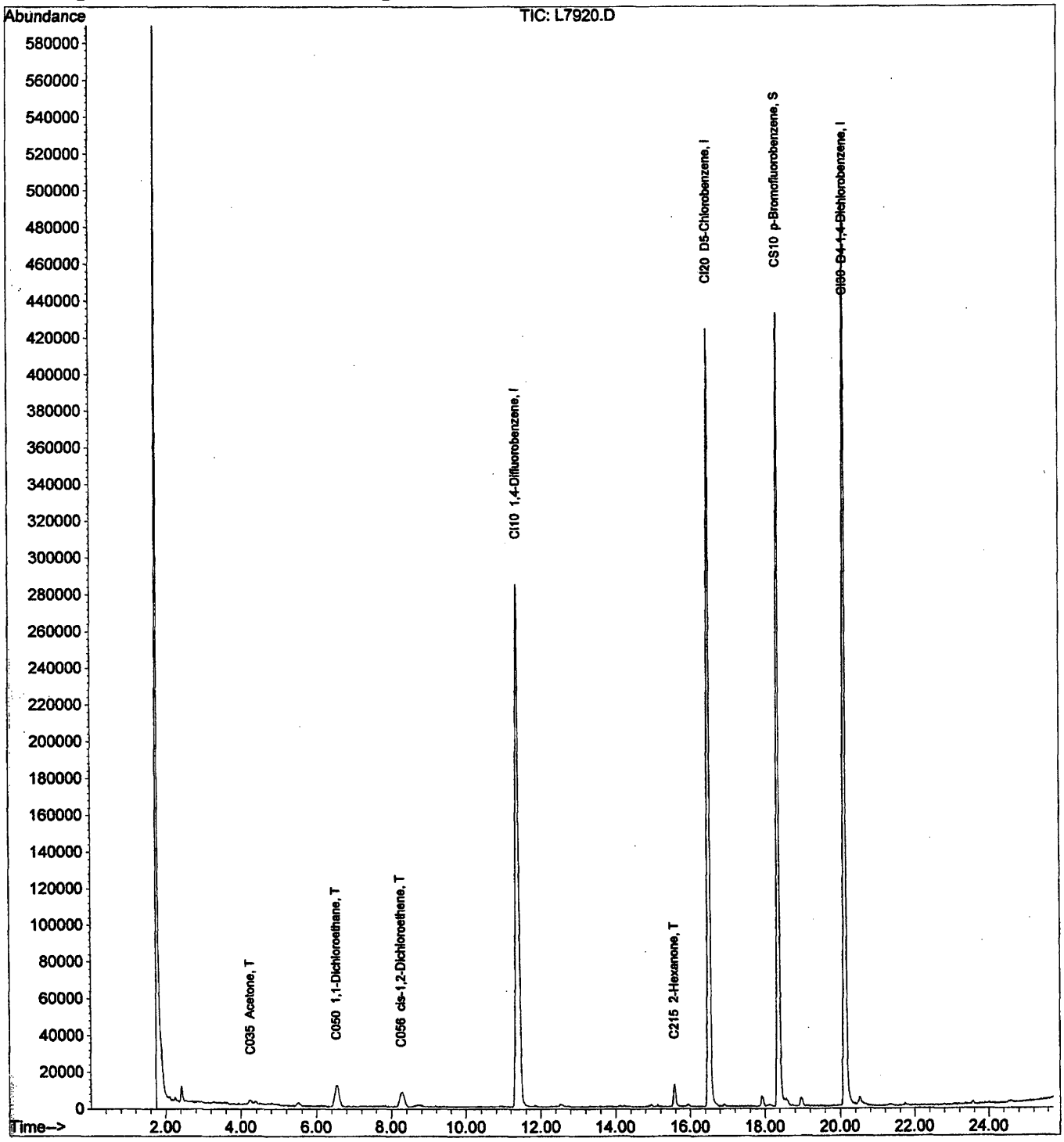
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	0.6	J
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7920.D Vial: 6
Acq On : 31 Jul 2004 16:14 Operator: PC
Sample : A4698906 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7920.D Vial: 6
Acq On : 31 Jul 2004 16:14 Operator: PC
Sample : A4698906 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

NO TIC SAB 8/2/04

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.39	114	805467	125.00	ng	0.00 92.28%
24) CI20	D5-Chlorobenzene	16.51	117	612809	125.00	ng	0.00 89.18%
48) CI30	D4-1,4-Dichlorobenze	20.14	152	336335	125.00	ng	0.01 81.63%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.36	174	299569	120.25	ng	0.00
Spiked Amount 125.000	Range 80 - 120			Recovery = 96.20%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.		
3) C010	Chloromethane	0.00	50		N.D.		
4) C015	Bromomethane	0.00	94		N.D.		
5) C020	Vinyl Chloride	0.00	62		N.D.		
6) C025	Chloroethane	0.00	64		N.D.		
7) C275	Trichlorotrifluorome	0.00	101		N.D.		
8) C030	Methylene Chloride	0.00	84		N.D.		
9) C035	Acetone	4.25	43	11531	155.09	ng	79
10) C040	Carbon Disulfide	0.00	76		N.D.		
11) C045	1,1-Dichloroethene	0.00	96		N.D.		
12) C962	T-butyl Methyl Ether	0.00	73		N.D.		
13) C050	1,1-Dichloroethane	6.54	63	64636	16.34	ng	97
14) C057	trans-1,2-dichloroet	0.00	96		N.D.		
15) C056	cis-1,2-Dichloroethe	8.26	96	18248	8.66	ng	#85
16) C060	Chloroform	0.00	83		N.D.		
17) C222	Bromochloromethane	0.00	128		N.D.		
18) C065	1,2-Dichloroethane	0.00	62		N.D.		
19) C110	2-Butanone	0.00	43		N.D.		
20) C255	Methyl Acetate	0.00	43		N.D.		
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.		
22) C256	Cyclohexane	0.00	56		N.D.		
23) C012	Methylcyclohexane	0.00	83		N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.		
26) C120	Carbon Tetrachloride	0.00	117		N.D.		
27) C150	Trichloroethene	0.00	95		N.D.		
28) C130	Bromodichloromethane	0.00	83		N.D.		

Below Quantitation Limits

8/2/04

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

Quantitation Report

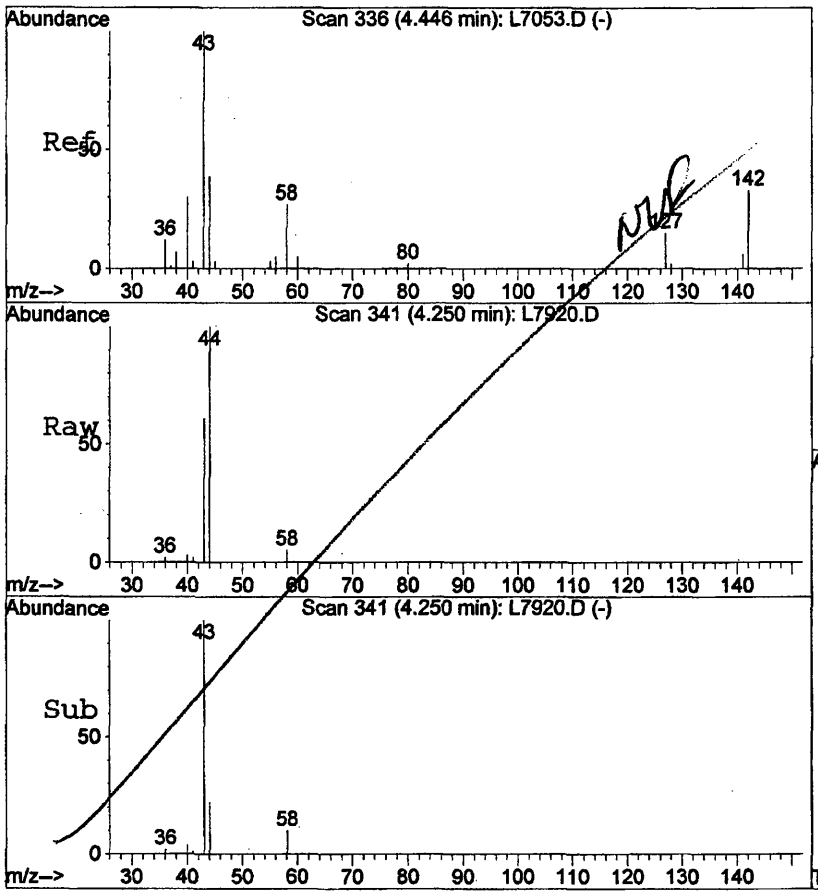
Data File : D:\ELINK\INSTR1\DATA\073104\L7920.D Vial: 6
Acq On : 31 Jul 2004 16:14 Operator: PC
Sample : A4698906 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.			
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.			
31)	C165	Benzene	0.00	78		N.D.			
32)	C155	Dibromochloromethane	0.00	129		N.D.			
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.			
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.			
35)	C220	Tetrachloroethene	0.00	166		N.D.			
36)	C163	1,2-Dibromoethane	0.00	109		N.D.			
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.			
38)	C215	2-Hexanone	15.58	43	6326	16.10	ng	#	32
39)	C230	Toluene	0.00	91		N.D.			
40)	C235	Chlorobenzene	0.00	112		N.D.			
41)	C240	Ethylbenzene	0.00	91		N.D.			
42)	C246	m,p-Xylene	0.00	106		N.D.			
43)	C247	o-Xylene	0.00	106		N.D.			
44)	C245	Styrene	0.00	104		N.D.			
46)	C966	Isopropylbenzene	0.00	105		N.D.			
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.			
49)	C180	Bromoform	0.00	173		N.D.			
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.			
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.			
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.			
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.			
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.			

8/9/04

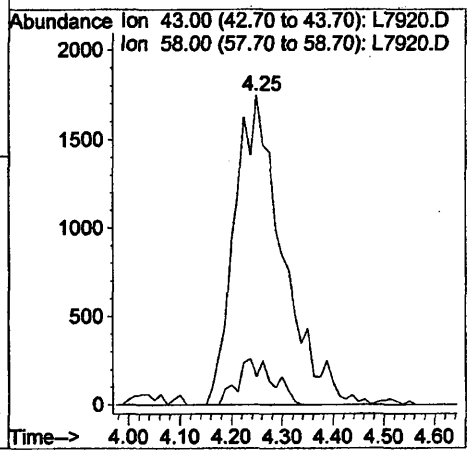
(#) = qualifier out of range (m) = manual integration

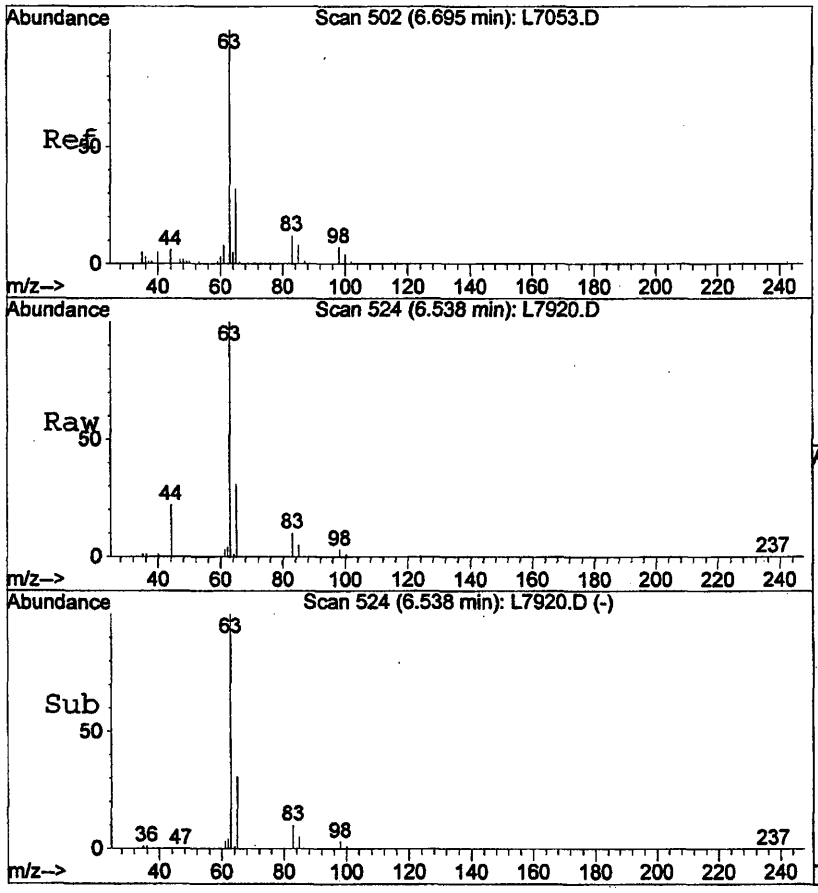


#9
C035 Acetone
Concen: 155.09 ng
RT: 4.25 min Scan# 341
Delta R.T. -0.03 min
Lab File: L7920.D
Acq: 31 Jul 2004 16:14

Tgt Ion: 43 Resp: 11531

Ion	Ratio	Lower	Upper
43	100		
58	9.0	0.0	38.5

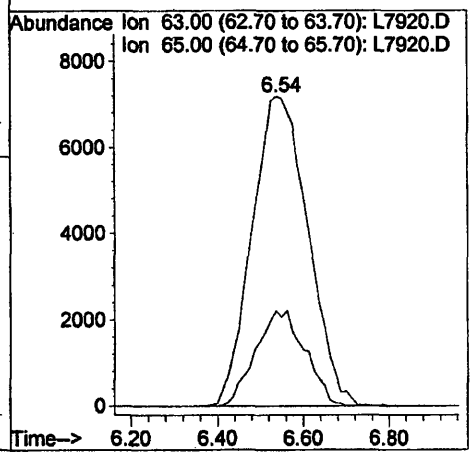


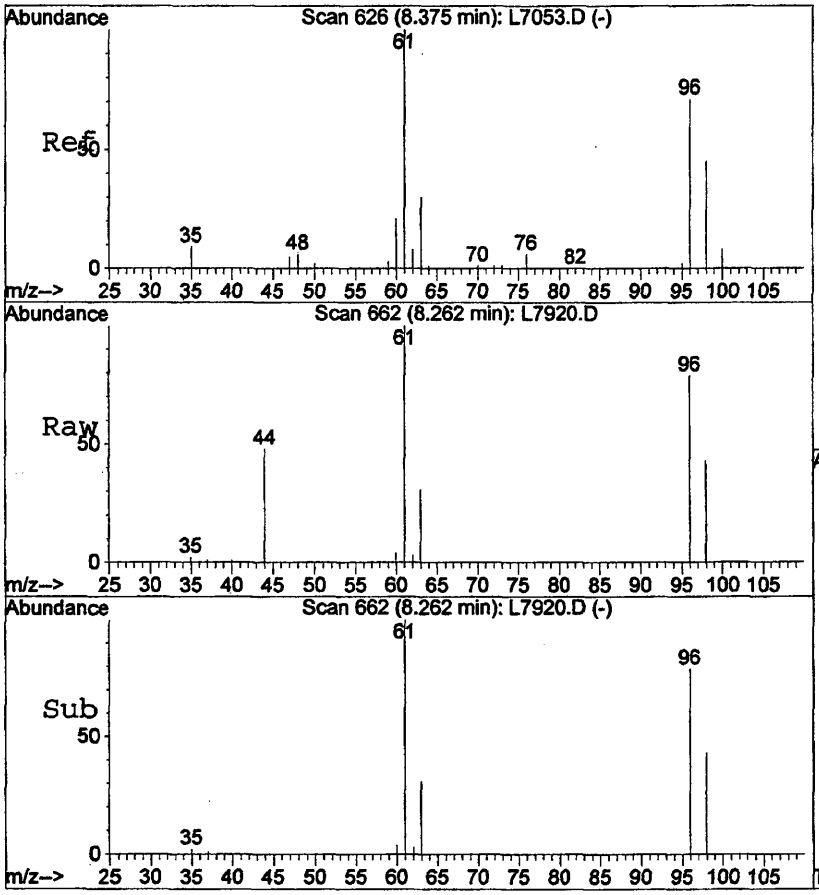


#13
C050 1,1-Dichloroethane
Concen: 16.34 ng
RT: 6.54 min Scan# 524
Delta R.T. -0.05 min
Lab File: L7920.D
Acq: 31 Jul 2004 16:14

Tgt Ion: 63 Resp: 64636

Ion	Ratio	Lower	Upper
63	100		
65	30.7	12.2	52.2

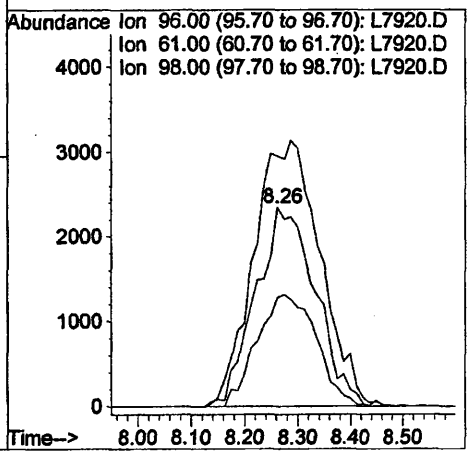


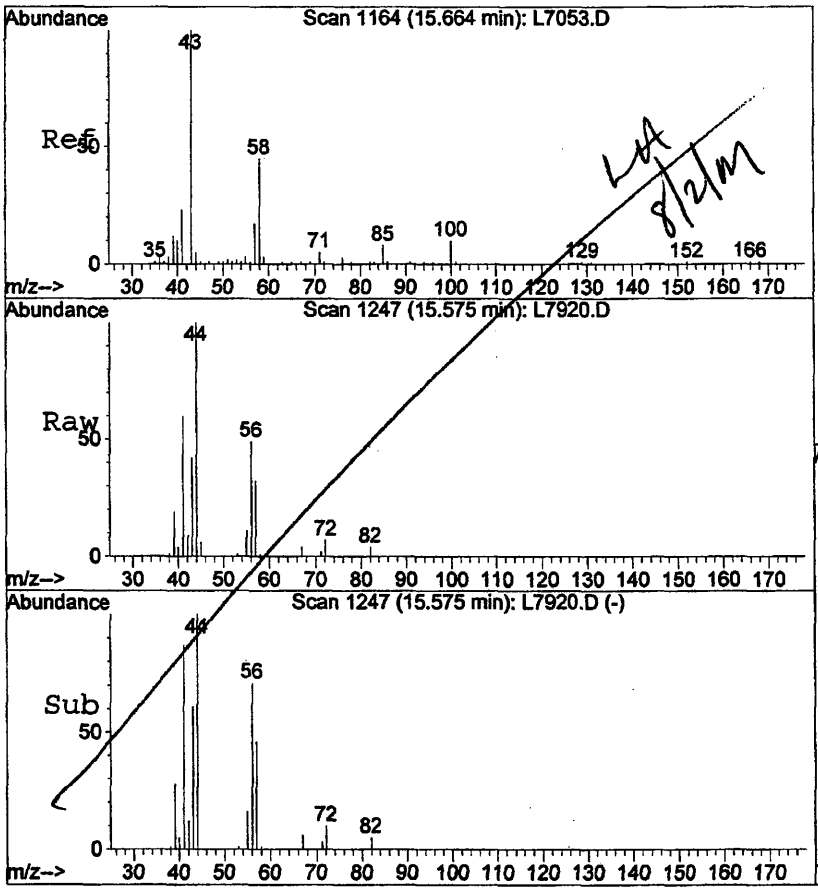


#15
C056 cis-1,2-Dichloroethene
Concen: 8.66 ng
RT: 8.26 min Scan# 662
Delta R.T. -0.04 min
Lab File: L7920.D
Acq: 31 Jul 2004 16:14

Tgt Ion: 96 Resp: 18248

Ion	Ratio	Lower	Upper
96	100		
61	126.4	129.4	169.4#
98	54.6	41.5	81.5

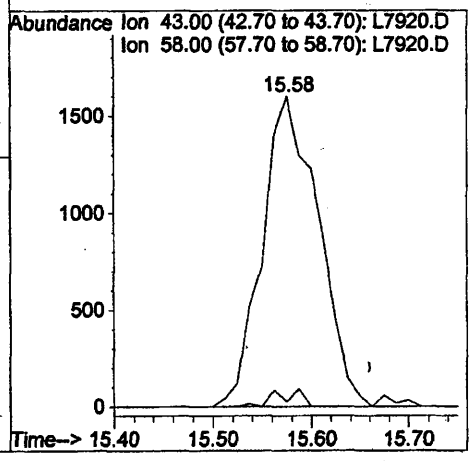




#38
C215 2-Hexanone
Concen: 16.10 ng
RT: 15.58 min Scan# 1247
Delta R.T. 0.15 min
Lab File: L7920.D
Acq: 31 Jul 2004 16:14

Tgt Ion: 43 Resp: 6326

Ion	Ratio	Lower	Upper
43	100		
58	1.5	37.9	56.9#



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

Field Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698907

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7921.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

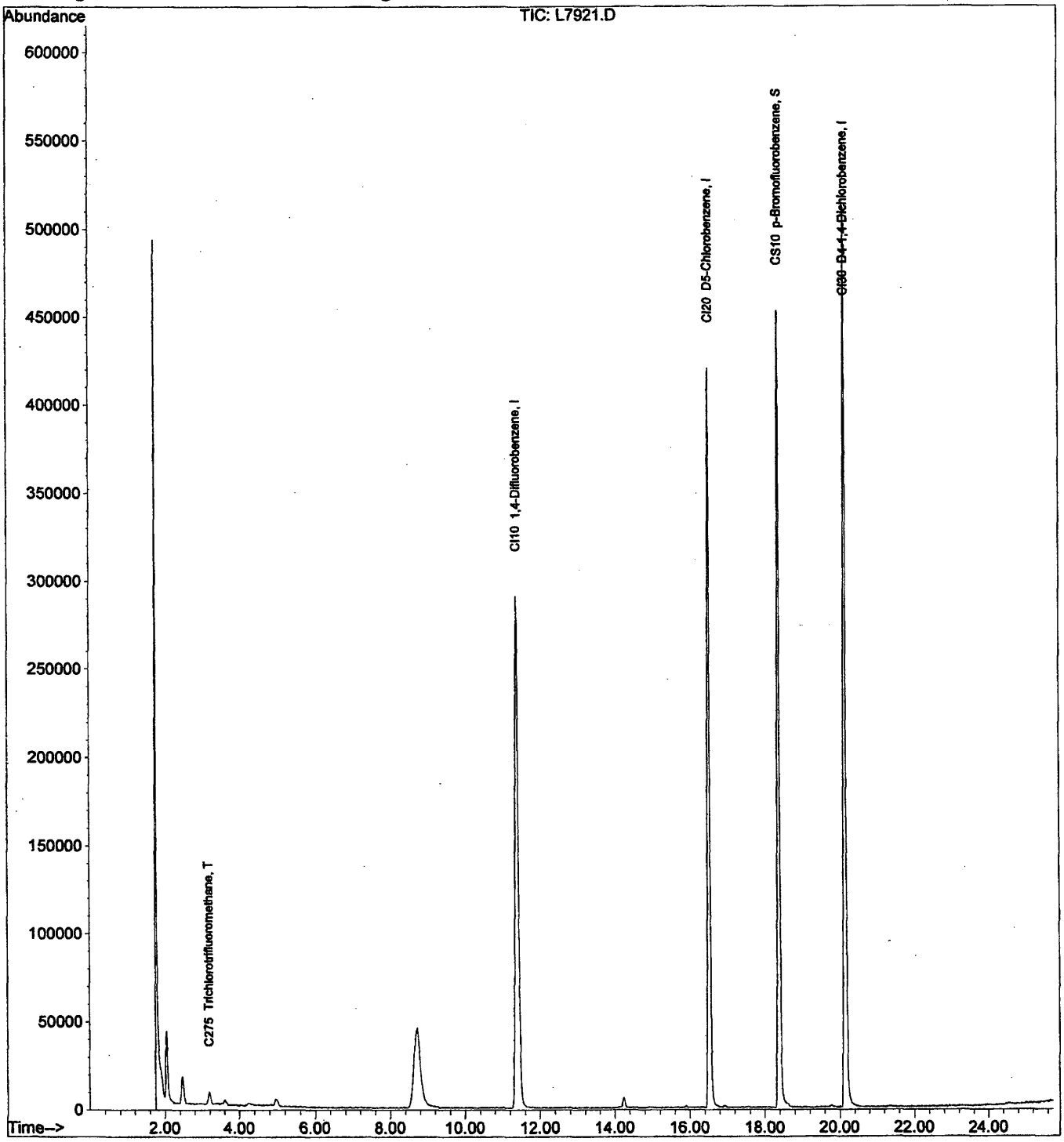
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7921.D Vial: 7
Acq On : 31 Jul 2004 16:47 Operator: PC
Sample : A4698907 B Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7921.D Vial: 7
Acq On : 31 Jul 2004 16:47 Operator: PC
Sample : A4698907 B Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.40	114	820701	125.00	ng	0.01 94.02%
24) CI20	D5-Chlorobenzene	16.54	117	626930	125.00	ng	0.03 91.24%
48) CI30	D4-1,4-Dichlorobenze	20.15	152	345731	125.00	ng	0.02 83.91%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.39	174	308059	120.87	ng	0.02
Spiked Amount 125.000		Range 80 - 120		Recovery = 96.70%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.		
3) C010	Chloromethane	0.00	50		N.D.		
4) C015	Bromomethane	0.00	94		N.D.		
5) C020	Vinyl Chloride	0.00	62		N.D.		
6) C025	Chloroethane	0.00	64		N.D.		
7) C275	Trichlorotrifluorome	3.19	101	18764	5.32	ng NF	81
8) C030	Methylene Chloride	0.00	84		N.D.		
9) C035	Acetone	0.00	43		N.D.		
10) C040	Carbon Disulfide	0.00	76		N.D.		
11) C045	1,1-Dichloroethene	0.00	96		N.D.		
12) C962	T-butyl Methyl Ether	0.00	73		N.D.		
13) C050	1,1-Dichloroethane	0.00	63		N.D.		
14) C057	trans-1,2-dichloroet	0.00	96		N.D.		
15) C056	cis-1,2-Dichloroethe	0.00	96		N.D.		
16) C060	Chloroform	0.00	83		N.D.		
17) C222	Bromochloromethane	0.00	128		N.D.		
18) C065	1,2-Dichloroethane	0.00	62		N.D.		
19) C110	2-Butanone	0.00	43		N.D.		
20) C255	Methyl Acetate	0.00	43		N.D.		
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.		
22) C256	Cyclohexane	0.00	56		N.D.		
23) C012	Methylcyclohexane	0.00	83		N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.		
26) C120	Carbon Tetrachloride	0.00	117		N.D.		
27) C150	Trichloroethene	0.00	95		N.D.		
28) C130	Bromodichloromethane	0.00	83		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7921.D Vial: 7
Acq On : 31 Jul 2004 16:47 Operator: PC
Sample : A4698907 B Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.	
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.	
31)	C165	Benzene	0.00	78		N.D.	
32)	C155	Dibromochloromethane	0.00	129		N.D.	
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.	
35)	C220	Tetrachloroethene	0.00	166		N.D.	
36)	C163	1,2-Dibromoethane	0.00	109		N.D.	
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.	
38)	C215	2-Hexanone	0.00	43		N.D.	
39)	C230	Toluene	0.00	91		N.D.	
40)	C235	Chlorobenzene	0.00	112		N.D.	
41)	C240	Ethylbenzene	0.00	91		N.D.	
42)	C246	m,p-Xylene	0.00	106		N.D.	
43)	C247	o-Xylene	0.00	106		N.D.	
44)	C245	Styrene	0.00	104		N.D.	
46)	C966	Isopropylbenzene	0.00	105		N.D.	
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.	
49)	C180	Bromoform	0.00	173		N.D.	
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.	
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.	
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.	
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.	
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.	

8/9/04

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-12

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698908

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7922.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

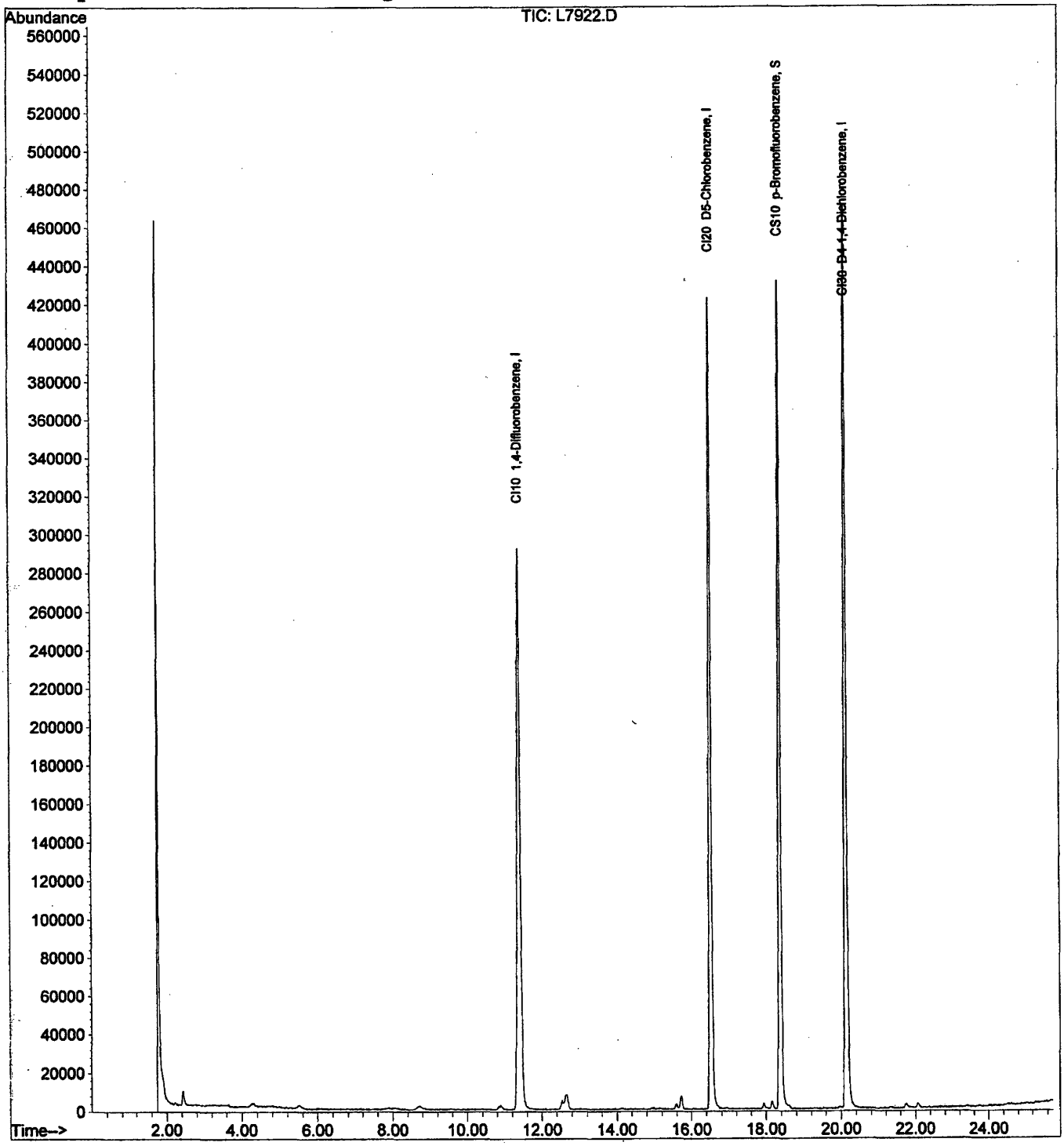
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7922.D Vial: 8
Acq On : 31 Jul 2004 17:20 Operator: PC
Sample : A4698908 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7922.D Vial: 8
Acq On : 31 Jul 2004 17:20 Operator: PC
Sample : A4698908 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.40	114	819354	125.00	ng	0.01 93.87%
24) CI20	D5-Chlorobenzene	16.53	117	614700	125.00	ng	0.01 89.46%
48) CI30	D4-1,4-Dichlorobenze	20.14	152	330089	125.00	ng	0.01 80.11%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.38	174	295400	118.21	ng	0.01
Spiked Amount 125.000		Range 80 - 120		Recovery = 94.57%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.		
3) C010	Chloromethane	0.00	50		N.D.		
4) C015	Bromomethane	0.00	94		N.D.		
5) C020	Vinyl Chloride	0.00	62		N.D.		
6) C025	Chloroethane	0.00	64		N.D.		
7) C275	Trichlorotrifluorome	0.00	101		N.D.		
8) C030	Methylene Chloride	0.00	84		N.D.		
9) C035	Acetone	0.00	43		N.D.		
10) C040	Carbon Disulfide	0.00	76		N.D.		
11) C045	1,1-Dichloroethene	0.00	96		N.D.		
12) C962	T-butyl Methyl Ether	0.00	73		N.D.		
13) C050	1,1-Dichloroethane	0.00	63		N.D.		
14) C057	trans-1,2-dichloroet	0.00	96		N.D.		
15) C056	cis-1,2-Dichloroethe	0.00	96		N.D.		
16) C060	Chloroform	0.00	83		N.D.		
17) C222	Bromochloromethane	0.00	128		N.D.		
18) C065	1,2-Dichloroethane	0.00	62		N.D.		
19) C110	2-Butanone	0.00	43		N.D.		
20) C255	Methyl Acetate	0.00	43		N.D.		
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.		
22) C256	Cyclohexane	0.00	56		N.D.		
23) C012	Methylcyclohexane	0.00	83		N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.		
26) C120	Carbon Tetrachloride	0.00	117		N.D.		
27) C150	Trichloroethene	0.00	95		N.D.		
28) C130	Bromodichloromethane	0.00	83		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7922.D Vial: 8
Acq On : 31 Jul 2004 17:20 Operator: PC
Sample : A4698908 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:14 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.	
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.	
31)	C165	Benzene	0.00	78		N.D.	
32)	C155	Dibromochloromethane	0.00	129		N.D.	
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.	
35)	C220	Tetrachloroethene	0.00	166		N.D.	
36)	C163	1,2-Dibromoethane	0.00	109		N.D.	
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.	
38)	C215	2-Hexanone	0.00	43		N.D.	
39)	C230	Toluene	0.00	91		N.D.	
40)	C235	Chlorobenzene	0.00	112		N.D.	
41)	C240	Ethylbenzene	0.00	91		N.D.	
42)	C246	m,p-Xylene	0.00	106		N.D.	
43)	C247	o-Xylene	0.00	106		N.D.	
44)	C245	Styrene	0.00	104		N.D.	
46)	C966	Isopropylbenzene	0.00	105		N.D.	
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.	
49)	C180	Bromoform	0.00	173		N.D.	
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.	
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.	
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.	
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.	
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.	

8/9/04

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-14

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698909

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7923.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

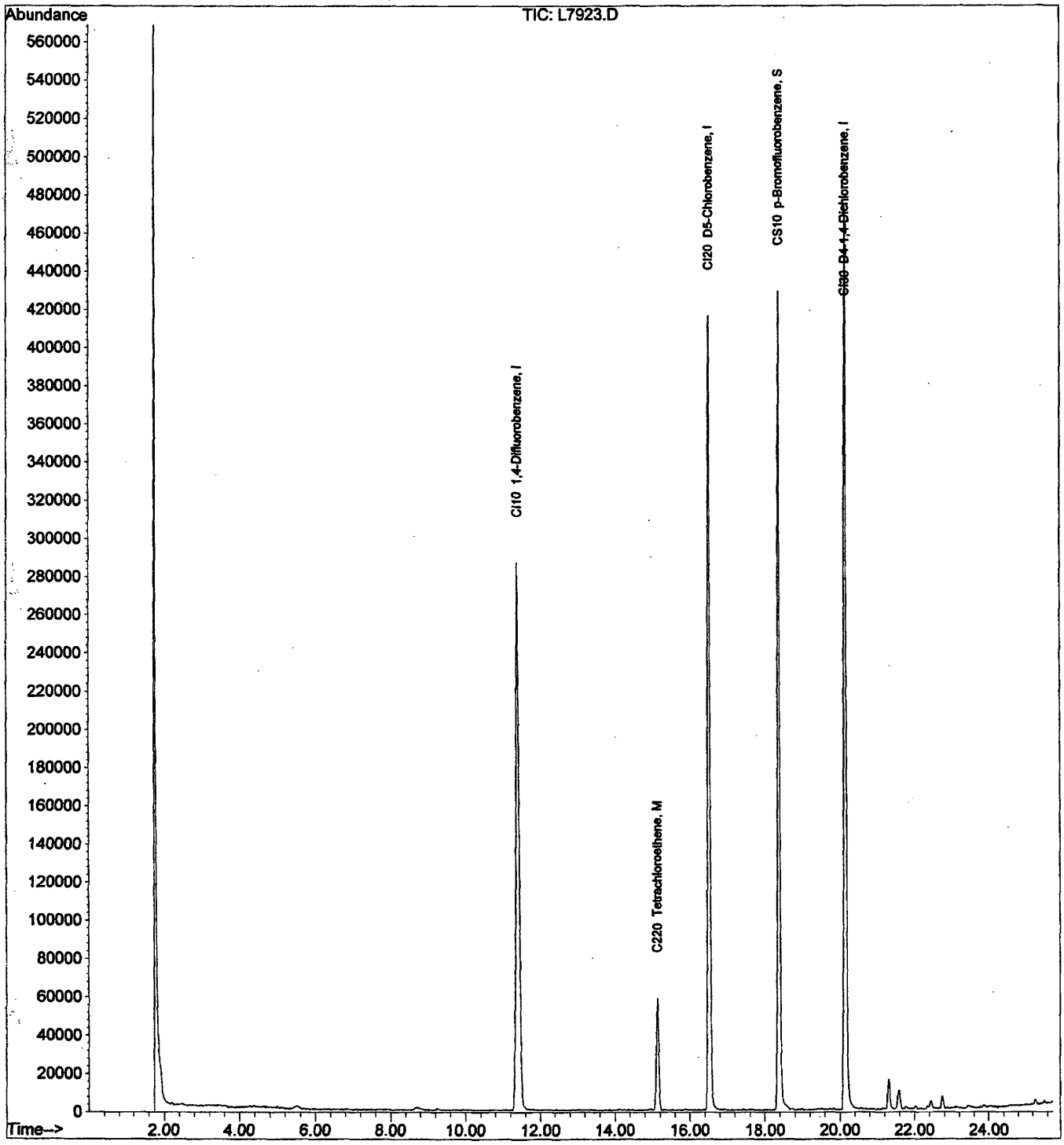
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	0.6	J
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7923.D Vial: 9
Acq On : 31 Jul 2004 17:53 Operator: PC
Sample : A4698909 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7923.D Vial: 9
Acq On : 31 Jul 2004 17:53 Operator: PC
Sample : A4698909 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.40	114	793333	125.00	ng	0.01 90.89%
24) CI20	D5-Chlorobenzene	16.53	117	593906	125.00	ng	0.01 86.43%
48) CI30	D4-1,4-Dichlorobenze	20.14	152	327974	125.00	ng	0.01 79.60%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.38	174	287071	118.90	ng	0.01
Spiked Amount 125.000		Range 80 - 120		Recovery = 95.12%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.		
3) C010	Chloromethane	0.00	50		N.D.		
4) C015	Bromomethane	0.00	94		N.D.		
5) C020	Vinyl Chloride	0.00	62		N.D.		
6) C025	Chloroethane	0.00	64		N.D.		
7) C275	Trichlorotrifluorome	0.00	101		N.D.		
8) C030	Methylene Chloride	0.00	84		N.D.		
9) C035	Acetone	0.00	43		N.D.		
10) C040	Carbon Disulfide	0.00	76		N.D.		
11) C045	1,1-Dichloroethene	0.00	96		N.D.		
12) C962	T-butyl Methyl Ether	0.00	73		N.D.		
13) C050	1,1-Dichloroethane	0.00	63		N.D.		
14) C057	trans-1,2-dichloroet	0.00	96		N.D.		
15) C056	cis-1,2-Dichloroethe	0.00	96		N.D.		
16) C060	Chloroform	0.00	83		N.D.		
17) C222	Bromochloromethane	0.00	128		N.D.		
18) C065	1,2-Dichloroethane	0.00	62		N.D.		
19) C110	2-Butanone	0.00	43		N.D.		
20) C255	Methyl Acetate	0.00	43		N.D.		
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.		
22) C256	Cyclohexane	0.00	56		N.D.		
23) C012	Methylcyclohexane	0.00	83		N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.		
26) C120	Carbon Tetrachloride	0.00	117		N.D.		
27) C150	Trichloroethene	0.00	95		N.D.		
28) C130	Bromodichloromethane	0.00	83		N.D.		

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

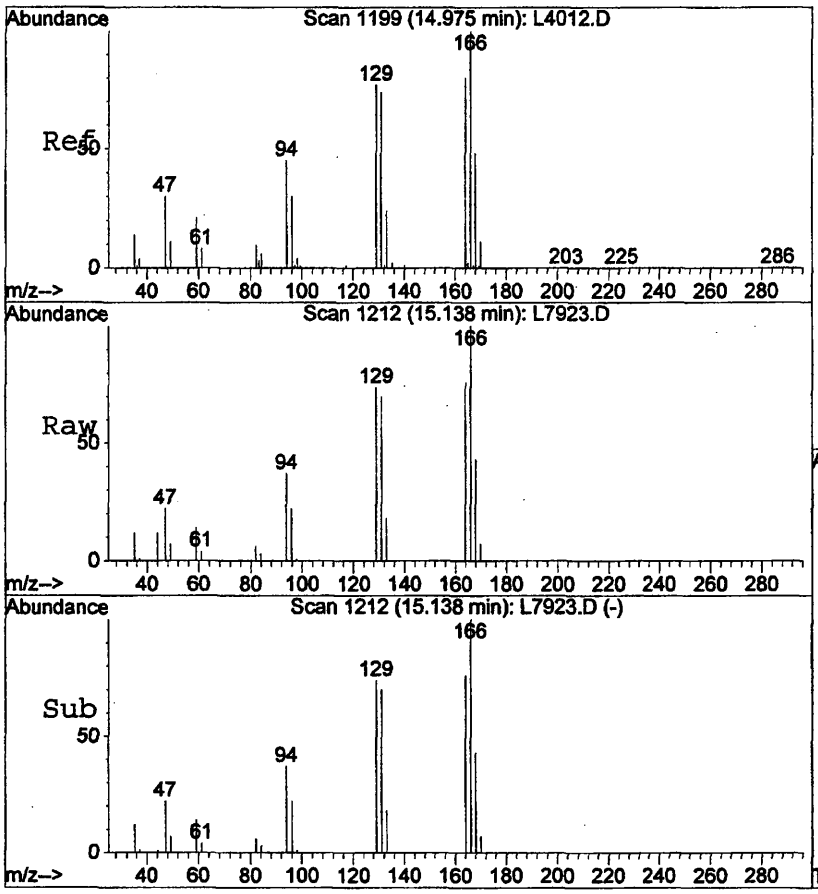
Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7923.D Vial: 9
Acq On : 31 Jul 2004 17:53 Operator: PC
Sample : A4698909 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.		
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.		
31)	C165	Benzene	0.00	78		N.D.		
32)	C155	Dibromochloromethane	0.00	129		N.D.		
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.		
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.		
35)	C220	Tetrachloroethene	15.14	166	51902	15.14	ng	94
36)	C163	1,2-Dibromoethane	0.00	109		N.D.		
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.		
38)	C215	2-Hexanone	0.00	43		N.D.		
39)	C230	Toluene	0.00	91		N.D.		
40)	C235	Chlorobenzene	0.00	112		N.D.		
41)	C240	Ethylbenzene	0.00	91		N.D.		
42)	C246	m,p-Xylene	0.00	106		N.D.		
43)	C247	o-Xylene	0.00	106		N.D.		
44)	C245	Styrene	0.00	104		N.D.		
46)	C966	Isopropylbenzene	0.00	105		N.D.		
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.		
49)	C180	Bromoform	0.00	173		N.D.		
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.		
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.		
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.		
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.		
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.		

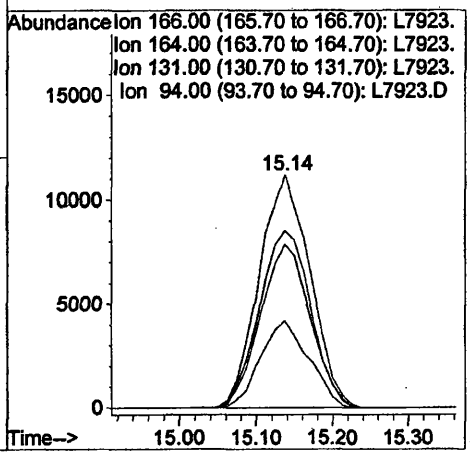
(#) = qualifier out of range (m) = manual integration



#35
C220 Tetrachloroethene
Concen: 15.14 ng
RT: 15.14 min Scan# 1212
Delta R.T. 0.01 min
Lab File: L7923.D
Acq: 31 Jul 2004 17:53

Tgt Ion:166 Resp: 51902

Ion	Ratio	Lower	Upper
166	100		
164	76.1	63.8	95.8
131	70.2	59.0	88.6
94	37.4	36.0	54.0



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.: ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698910

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7924.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

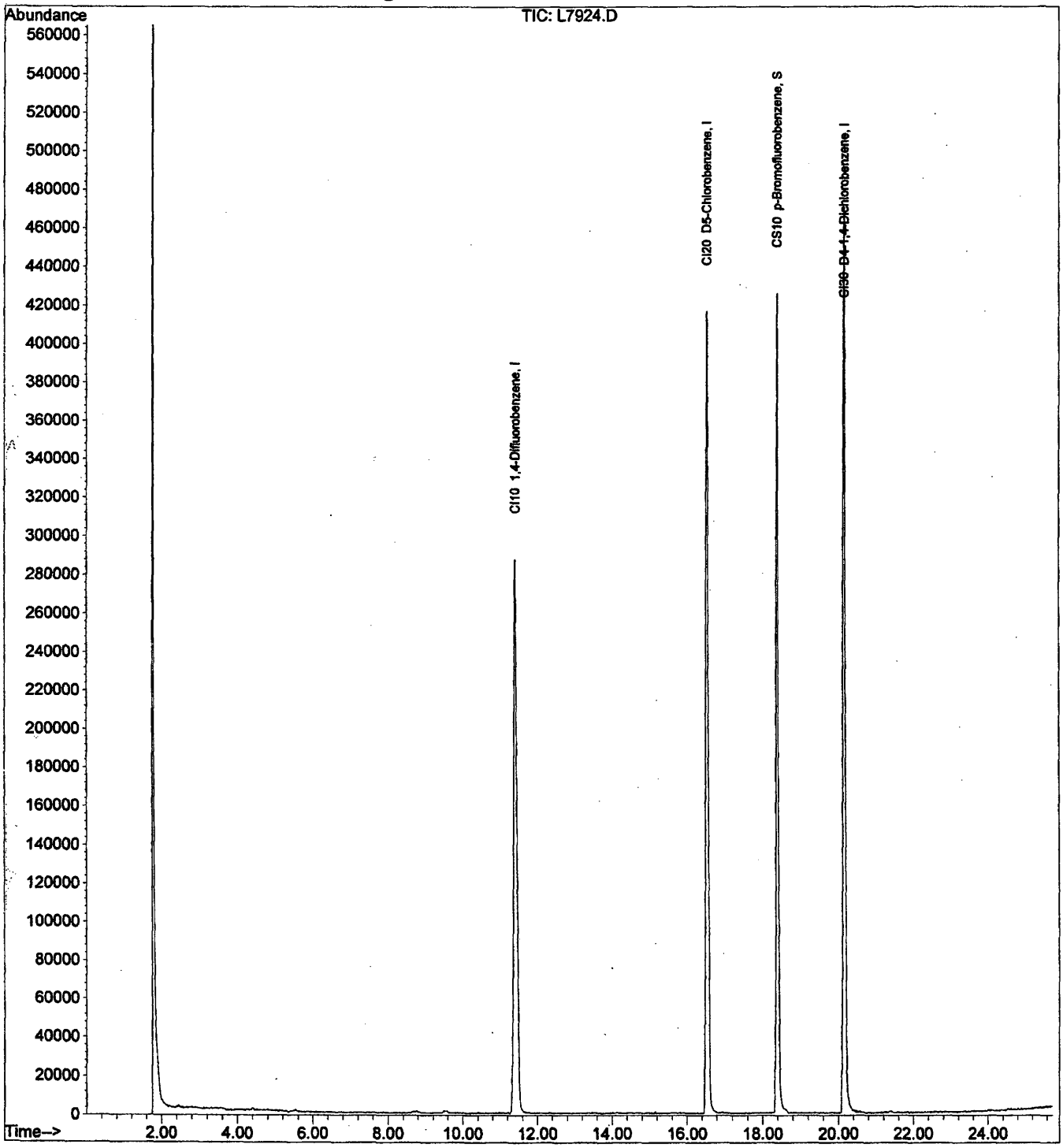
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7924.D Vial: 10
Acq On : 31 Jul 2004 18:26 Operator: PC
Sample : A4698910 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7924.D Vial: 10
Acq On : 31 Jul 2004 18:26 Operator: PC
Sample : A4698910 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

NO TIC Clear 8/9/04

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.41	114	807843	125.00	ng	0.03 92.55%
24) CI20	D5-Chlorobenzene	16.53	117	615445	125.00	ng	0.01 89.57%
48) CI30	D4-1,4-Dichlorobenze	20.15	152	325270	125.00	ng	0.02 78.94%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.39	174	297695	118.98	ng	0.02
Spiked Amount 125.000	Range 80 - 120		Recovery = 95.18%				
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85	N.D.			
3) C010	Chloromethane	0.00	50	N.D.			
4) C015	Bromomethane	0.00	94	N.D.			
5) C020	Vinyl Chloride	0.00	62	N.D.			
6) C025	Chloroethane	0.00	64	N.D.			
7) C275	Trichlorotrifluorome	0.00	101	N.D.			
8) C030	Methylene Chloride	0.00	84	N.D.			
9) C035	Acetone	0.00	43	N.D.			
10) C040	Carbon Disulfide	0.00	76	N.D.			
11) C045	1,1-Dichloroethene	0.00	96	N.D.			
12) C962	T-butyl Methyl Ether	0.00	73	N.D.			
13) C050	1,1-Dichloroethane	0.00	63	N.D.			
14) C057	trans-1,2-dichloroet	0.00	96	N.D.			
15) C056	cis-1,2-Dichloroethe	0.00	96	N.D.			
16) C060	Chloroform	0.00	83	N.D.			
17) C222	Bromochloromethane	0.00	128	N.D.			
18) C065	1,2-Dichloroethane	0.00	62	N.D.			
19) C110	2-Butanone	0.00	43	N.D.			
20) C255	Methyl Acetate	0.00	43	N.D.			
21) C291	1,1,2 Trichloro-1,2,	0.00	101	N.D.			
22) C256	Cyclohexane	0.00	56	N.D.			
23) C012	Methylcyclohexane	0.00	83	N.D.			
25) C115	1,1,1-Trichloroethan	0.00	97	N.D.			
26) C120	Carbon Tetrachloride	0.00	117	N.D.			
27) C150	Trichloroethene	0.00	95	N.D.			
28) C130	Bromodichloromethane	0.00	83	N.D.			

8/9/04

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7924.D Vial: 10
Acq On : 31 Jul 2004 18:26 Operator: PC
Sample : A4698910 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.	
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.	
31)	C165	Benzene	0.00	78		N.D.	
32)	C155	Dibromochloromethane	0.00	129		N.D.	
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.	
35)	C220	Tetrachloroethene	0.00	166		N.D.	
36)	C163	1,2-Dibromoethane	0.00	109		N.D.	
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.	
38)	C215	2-Hexanone	0.00	43		N.D.	
39)	C230	Toluene	0.00	91		N.D.	
40)	C235	Chlorobenzene	0.00	112		N.D.	
41)	C240	Ethylbenzene	0.00	91		N.D.	
42)	C246	m,p-Xylene	0.00	106		N.D.	
43)	C247	o-Xylene	0.00	106		N.D.	
44)	C245	Styrene	0.00	104		N.D.	
46)	C966	Isopropylbenzene	0.00	105		N.D.	
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.	
49)	C180	Bromoform	0.00	173		N.D.	
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.	
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.	
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.	
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.	
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.	

8/9/2004

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698911

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7927.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

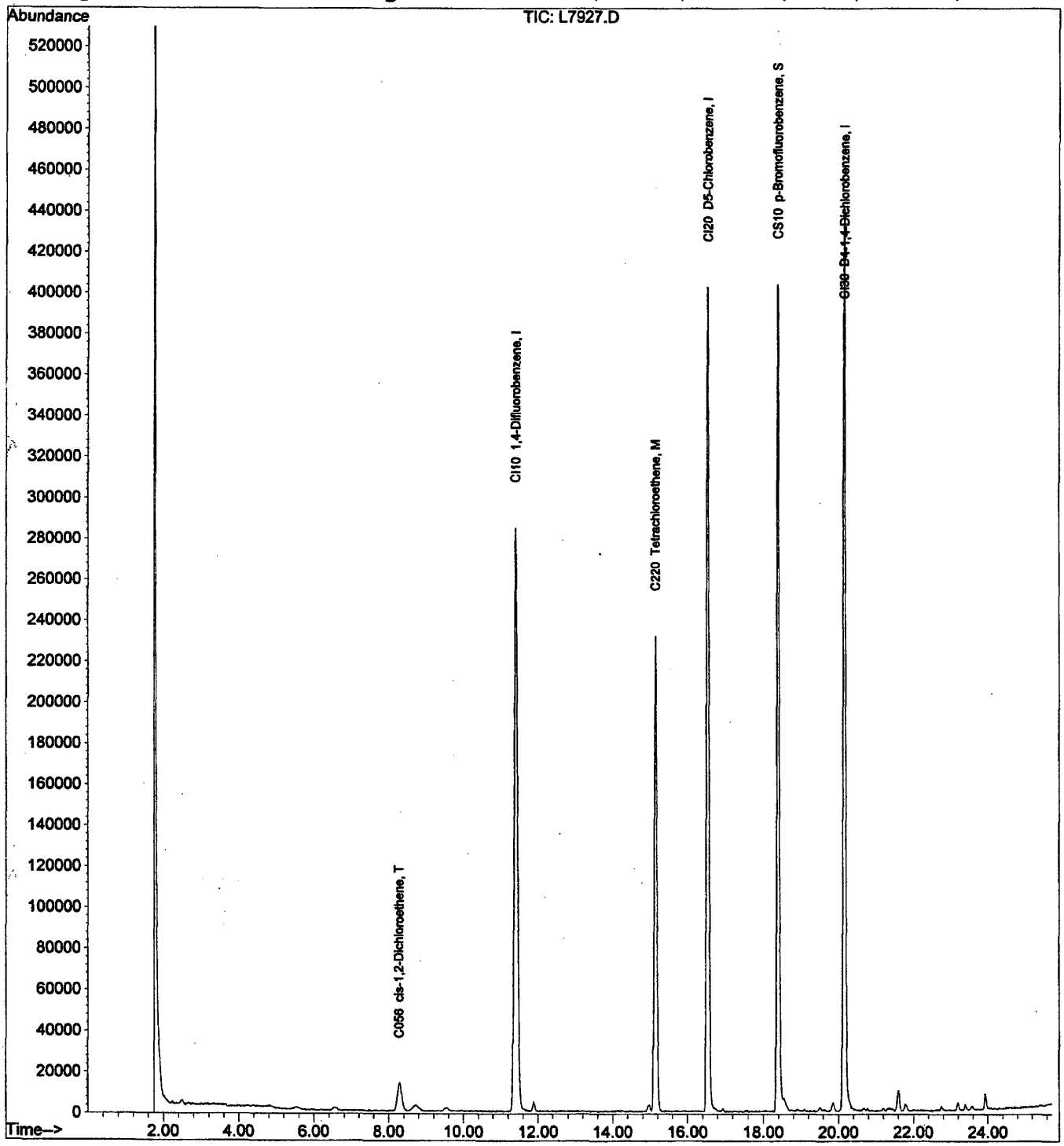
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	2	
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7927.D Vial: 13
Acq On : 31 Jul 2004 20:04 Operator: PC
Sample : A4698911 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7927.D Vial: 13
Acq On : 31 Jul 2004 20:04 Operator: PC
Sample : A4698911 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.41	114	806443	125.00 ng	0.03 92.39%
24) CI20	D5-Chlorobenzene	16.54	117	590577	125.00 ng	0.03 85.95%
48) CI30	D4-1,4-Dichlorobenze	20.16	152	313946	125.00 ng	0.04 76.19%
System Monitoring Compounds						
45) CS10	p-Bromofluorobenzene	18.39	174	279566	116.44 ng	0.02
Spiked Amount 125.000	Range 80 - 120			Recovery = 93.15%		
Target Compounds						Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.	
3) C010	Chloromethane	0.00	50		N.D.	
4) C015	Bromomethane	0.00	94		N.D.	
5) C020	Vinyl Chloride	0.00	62		N.D.	
6) C025	Chloroethane	0.00	64		N.D.	
7) C275	Trichlorotrifluorome	0.00	101		N.D.	
8) C030	Methylene Chloride	0.00	84		N.D.	
9) C035	Acetone	0.00	43		N.D.	
10) C040	Carbon Disulfide	0.00	76		N.D.	
11) C045	1,1-Dichloroethene	0.00	96		N.D.	
12) C962	T-butyl Methyl Ether	0.00	73		N.D.	
13) C050	1,1-Dichloroethane	0.00	63		N.D.	
14) C057	trans-1,2-dichloroet	0.00	96		N.D.	
15) C056	cis-1,2-Dichloroethe	8.28	96	30013	14.23 ng	89
16) C060	Chloroform	0.00	83		N.D.	
17) C222	Bromochloromethane	0.00	128		N.D.	
18) C065	1,2-Dichloroethane	0.00	62		N.D.	
19) C110	2-Butanone	0.00	43		N.D.	
20) C255	Methyl Acetate	0.00	43		N.D.	
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.	
22) C256	Cyclohexane	0.00	56		N.D.	
23) C012	Methylcyclohexane	0.00	83		N.D.	
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.	
26) C120	Carbon Tetrachloride	0.00	117		N.D.	
27) C150	Trichloroethene	0.00	95		N.D.	
28) C130	Bromodichloromethane	0.00	83		N.D.	

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

Quantitation Report

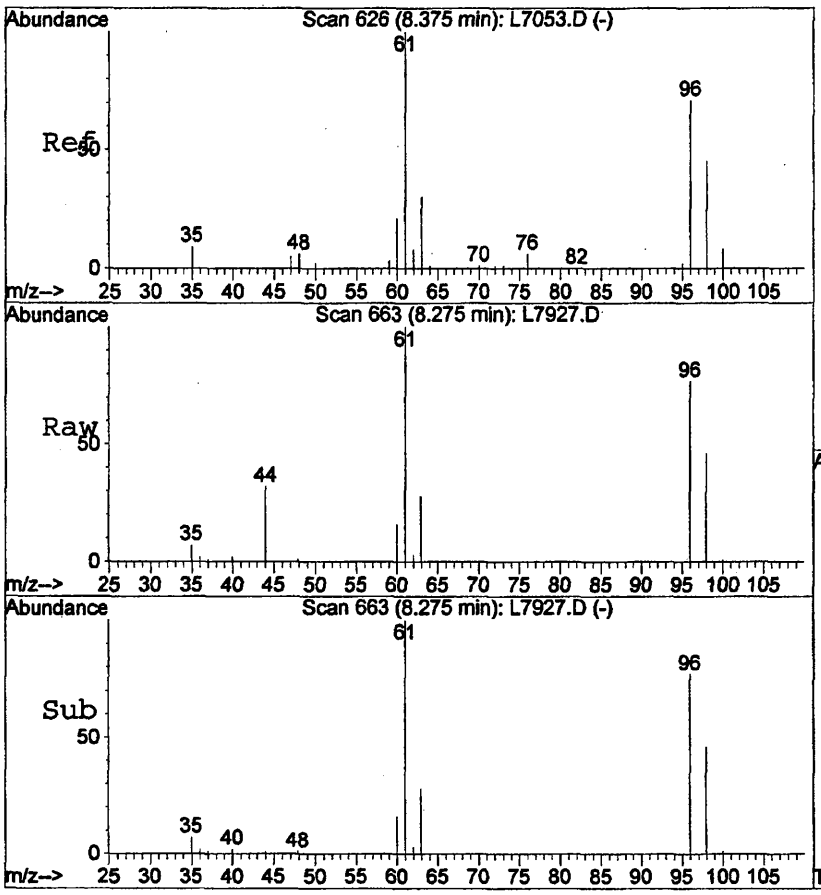
Data File : D:\ELINK\INSTR1\DATA\073104\L7927.D Vial: 13
Acq On : 31 Jul 2004 20:04 Operator: PC
Sample : A4698911 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.		
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.		
31)	C165	Benzene	0.00	78		N.D.		
32)	C155	Dibromochloromethane	0.00	129		N.D.		
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.		
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.		
35)	C220	Tetrachloroethene	15.15	166	199514	58.53	ng	97
36)	C163	1,2-Dibromoethane	0.00	109		N.D.		
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.		
38)	C215	2-Hexanone	0.00	43		N.D.		
39)	C230	Toluene	0.00	91		N.D.		
40)	C235	Chlorobenzene	0.00	112		N.D.		
41)	C240	Ethylbenzene	0.00	91		N.D.		
42)	C246	m,p-Xylene	0.00	106		N.D.		
43)	C247	o-Xylene	0.00	106		N.D.		
44)	C245	Styrene	0.00	104		N.D.		
46)	C966	Isopropylbenzene	0.00	105		N.D.		
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.		
49)	C180	Bromoform	0.00	173		N.D.		
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.		
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.		
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.		
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.		
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.		

8/9/04

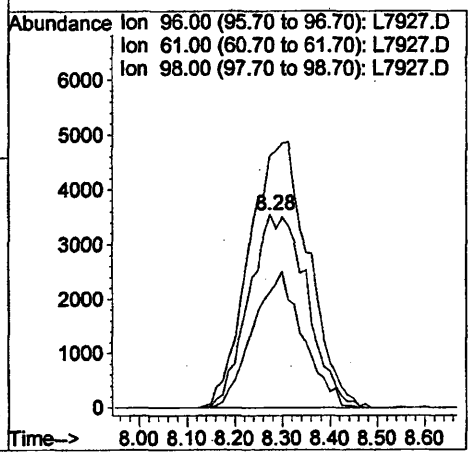
(#) = qualifier out of range (m) = manual integration

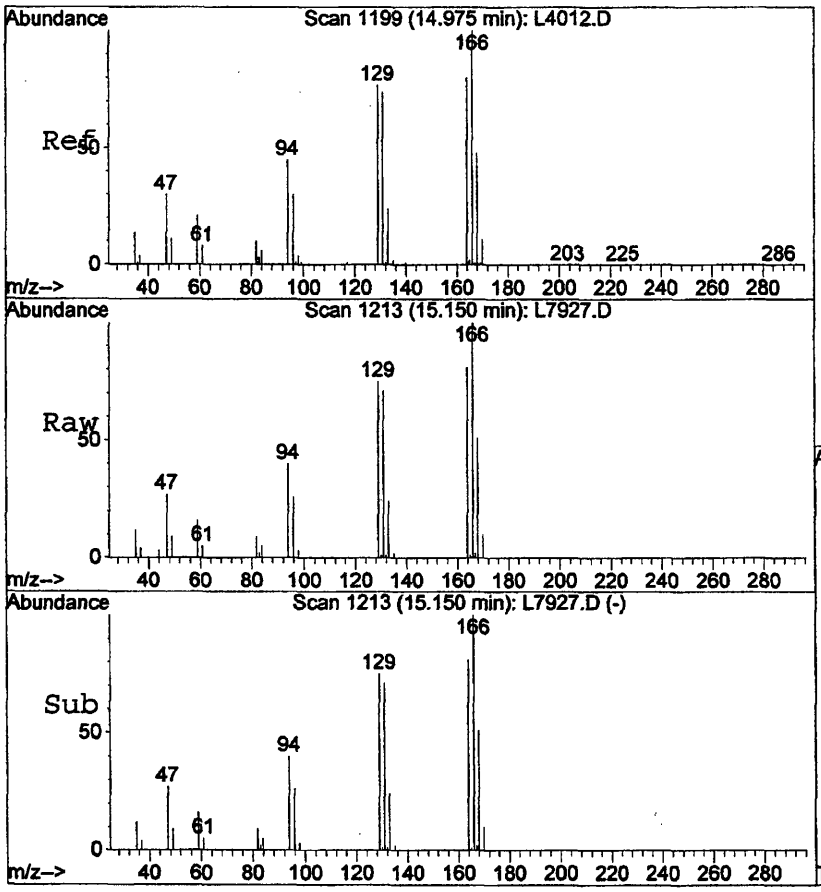


#15
C056 cis-1,2-Dichloroethene
Concen: 14.23 ng
RT: 8.28 min Scan# 663
Delta R.T. -0.03 min
Lab File: L7927.D
Acq: 31 Jul 2004 20:04

Tgt Ion: 96 Resp: 30013

Ion	Ratio	Lower	Upper
96	100		
61	130.0	129.4	169.4
98	59.9	41.5	81.5

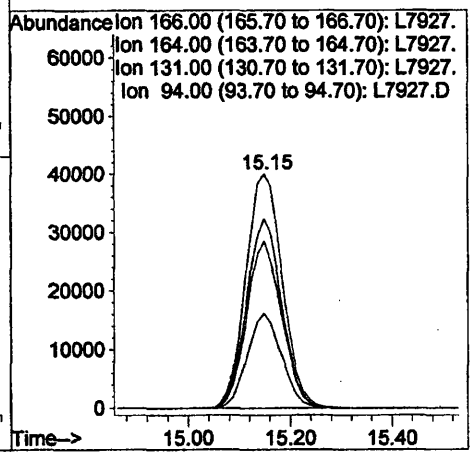




#35
C220 Tetrachloroethene
Concen: 58.53 ng
RT: 15.15 min Scan# 1213
Delta R.T. 0.03 min
Lab File: L7927.D
Acq: 31 Jul 2004 20:04

Tgt Ion:166 Resp: 199514

Ion	Ratio	Lower	Upper
166	100		
164	80.7	63.8	95.8
131	71.1	59.0	88.6
94	40.3	36.0	54.0



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698912

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7928.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

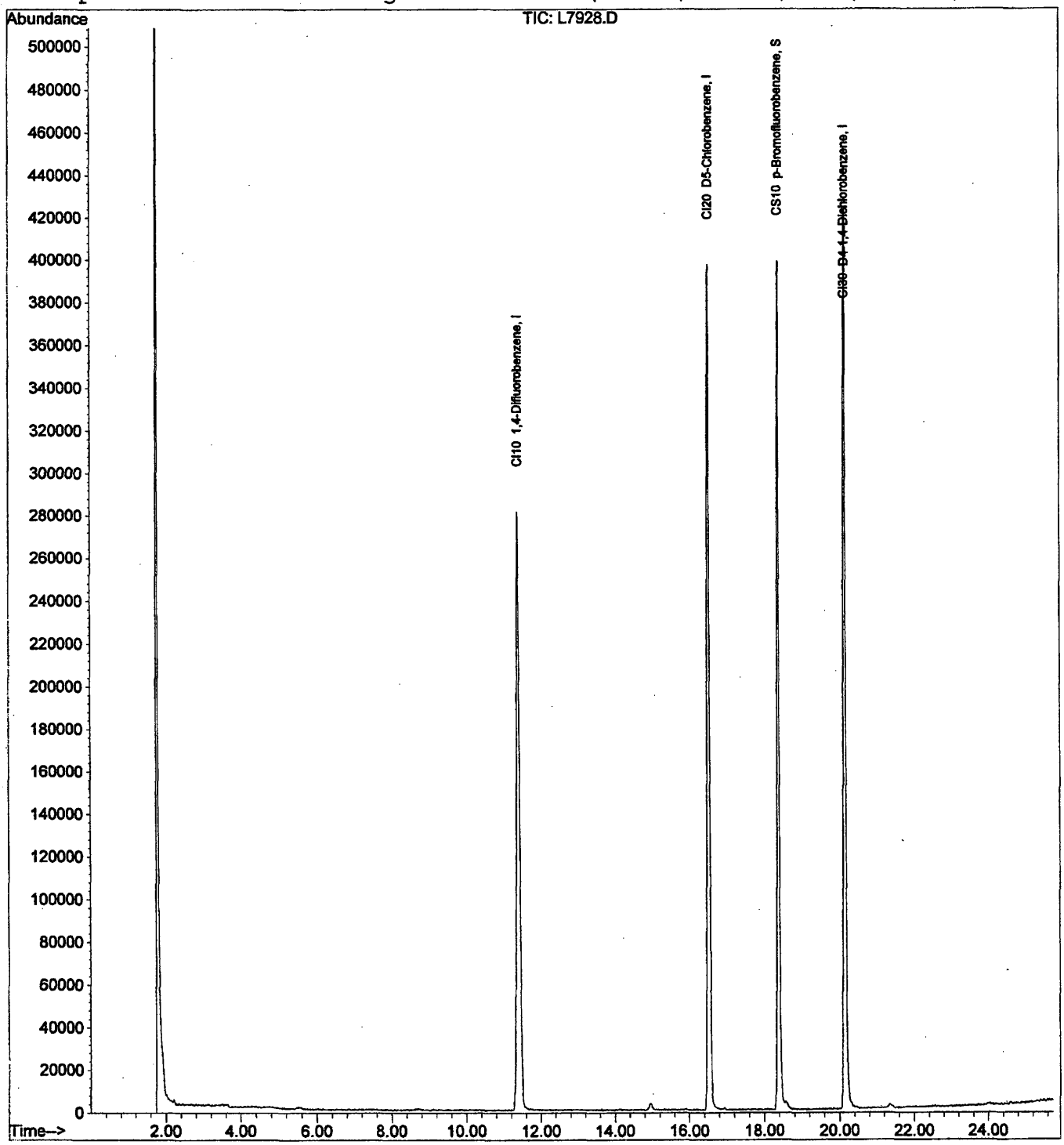
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7928.D Vial: 14
Acq On : 31 Jul 2004 20:37 Operator: PC
Sample : A4698912 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7928.D Vial: 14
Acq On : 31 Jul 2004 20:37 Operator: PC
Sample : A4698912 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.39	114	795910	125.00	ng	0.00 91.18%
24) CI20	D5-Chlorobenzene	16.53	117	581426	125.00	ng	0.01 84.61%
48) CI30	D4-1,4-Dichlorobenze	20.14	152	305897	125.00	ng	0.01 74.24%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.38	174	272979	115.49	ng	0.01
Spiked Amount 125.000		Range 80 - 120		Recovery = 92.39%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.		
3) C010	Chloromethane	0.00	50		N.D.		
4) C015	Bromomethane	0.00	94		N.D.		
5) C020	Vinyl Chloride	0.00	62		N.D.		
6) C025	Chloroethane	0.00	64		N.D.		
7) C275	Trichlorotrifluorome	0.00	101		N.D.		
8) C030	Methylene Chloride	0.00	84		N.D.		
9) C035	Acetone	0.00	43		N.D.		
10) C040	Carbon Disulfide	0.00	76		N.D.		
11) C045	1,1-Dichloroethene	0.00	96		N.D.		
12) C962	T-butyl Methyl Ether	0.00	73		N.D.		
13) C050	1,1-Dichloroethane	0.00	63		N.D.		
14) C057	trans-1,2-dichloroet	0.00	96		N.D.		
15) C056	cis-1,2-Dichloroethe	0.00	96		N.D.		
16) C060	Chloroform	0.00	83		N.D.		
17) C222	Bromochloromethane	0.00	128		N.D.		
18) C065	1,2-Dichloroethane	0.00	62		N.D.		
19) C110	2-Butanone	0.00	43		N.D.		
20) C255	Methyl Acetate	0.00	43		N.D.		
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.		
22) C256	Cyclohexane	0.00	56		N.D.		
23) C012	Methylcyclohexane	0.00	83		N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.		
26) C120	Carbon Tetrachloride	0.00	117		N.D.		
27) C150	Trichloroethene	0.00	95		N.D.		
28) C130	Bromodichloromethane	0.00	83		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7928.D Vial: 14
Acq On : 31 Jul 2004 20:37 Operator: PC
Sample : A4698912 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.		
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.		
31)	C165	Benzene	0.00	78		N.D.		
32)	C155	Dibromochloromethane	0.00	129		N.D.		
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.		
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.		
35)	C220	Tetrachloroethene	0.00	166		N.D.		
36)	C163	1,2-Dibromoethane	0.00	109		N.D.		
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.		
38)	C215	2-Hexanone	0.00	43		N.D.		
39)	C230	Toluene	0.00	91		N.D.		
40)	C235	Chlorobenzene	0.00	112		N.D.		
41)	C240	Ethylbenzene	0.00	91		N.D.		
42)	C246	m,p-Xylene	0.00	106		N.D.		
43)	C247	o-Xylene	0.00	106		N.D.		
44)	C245	Styrene	0.00	104		N.D.		
46)	C966	Isopropylbenzene	0.00	105		N.D.		
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.		
49)	C180	Bromoform	0.00	173		N.D.		
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.		
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.		
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.		
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.		
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.		

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-20

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698913

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7929.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

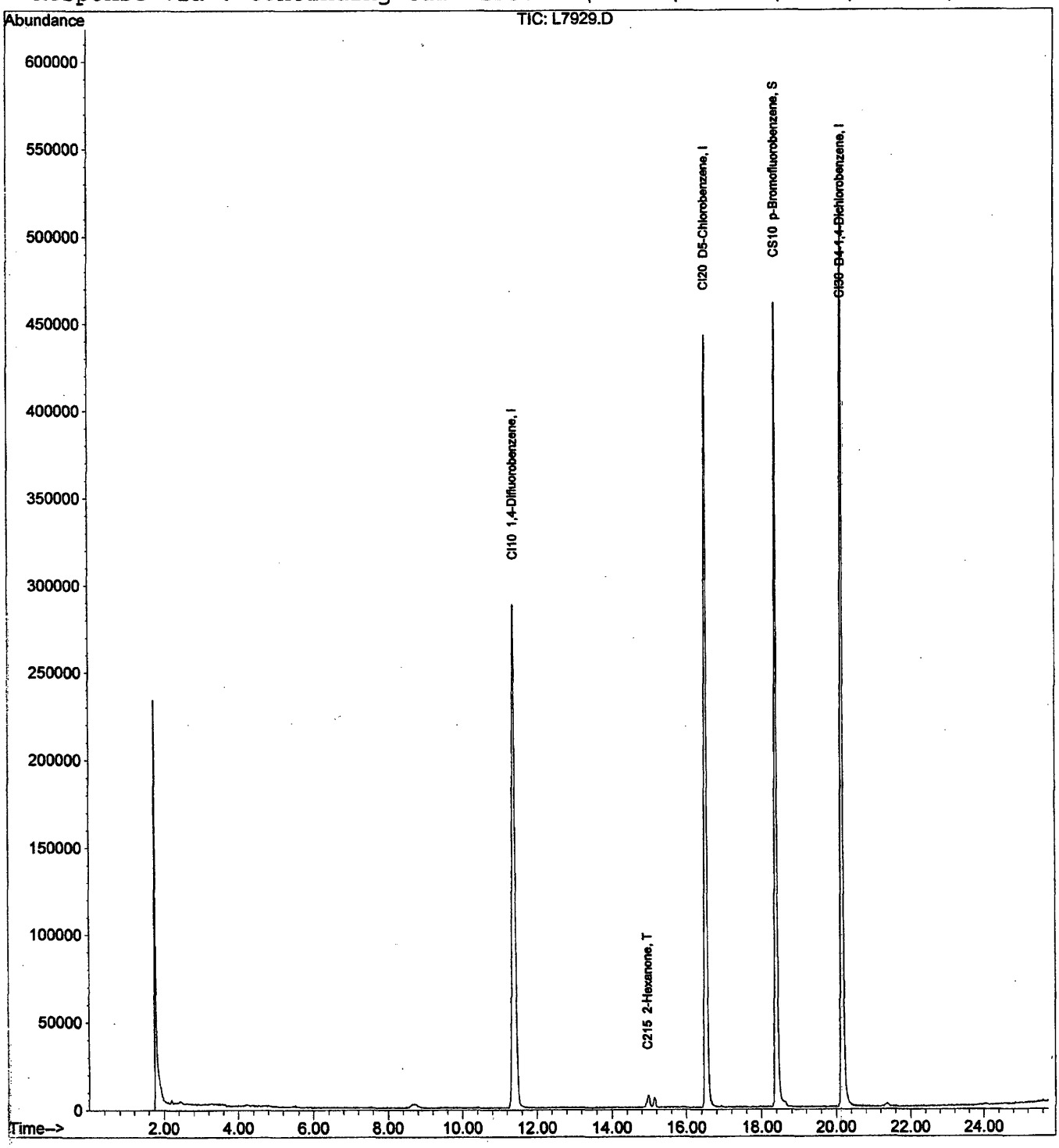
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7929.D Vial: 15
Acq On : 31 Jul 2004 21:10 Operator: PC
Sample : A4698913 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7929.D Vial: 15
Acq On : 31 Jul 2004 21:10 Operator: PC
Sample : A4698913 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.40	114	805676	125.00 ng	0.01 92.30%
24) CI20	D5-Chlorobenzene	16.54	117	651791	125.00 ng	0.03 94.86%
48) CI30	D4-1,4-Dichlorobenze	20.16	152	358698	125.00 ng	0.04 87.05%
System Monitoring Compounds						
45) CS10	p-Bromofluorobenzene	18.39	174	318313	120.13 ng	0.02
Spiked Amount 125.000	Range 80 - 120			Recovery = 96.10%		
Target Compounds						Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.	
3) C010	Chloromethane	0.00	50		N.D.	
4) C015	Bromomethane	0.00	94		N.D.	
5) C020	Vinyl Chloride	0.00	62		N.D.	
6) C025	Chloroethane	0.00	64		N.D.	
7) C275	Trichlorotrifluorome	0.00	101		N.D.	
8) C030	Methylene Chloride	0.00	84		N.D.	
9) C035	Acetone	0.00	43		N.D.	
10) C040	Carbon Disulfide	0.00	76		N.D.	
11) C045	1,1-Dichloroethene	0.00	96		N.D.	
12) C962	T-butyl Methyl Ether	0.00	73		N.D.	
13) C050	1,1-Dichloroethane	0.00	63		N.D.	
14) C057	trans-1,2-dichloroet	0.00	96		N.D.	
15) C056	cis-1,2-Dichloroethe	0.00	96		N.D.	
16) C060	Chloroform	0.00	83		N.D.	
17) C222	Bromochloromethane	0.00	128		N.D.	
18) C065	1,2-Dichloroethane	0.00	62		N.D.	
19) C110	2-Butanone	0.00	43		N.D.	
20) C255	Methyl Acetate	0.00	43		N.D.	
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.	
22) C256	Cyclohexane	0.00	56		N.D.	
23) C012	Methylcyclohexane	0.00	83		N.D.	
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.	
26) C120	Carbon Tetrachloride	0.00	117		N.D.	
27) C150	Trichloroethene	0.00	95		N.D.	
28) C130	Bromodichloromethane	0.00	83		N.D.	

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

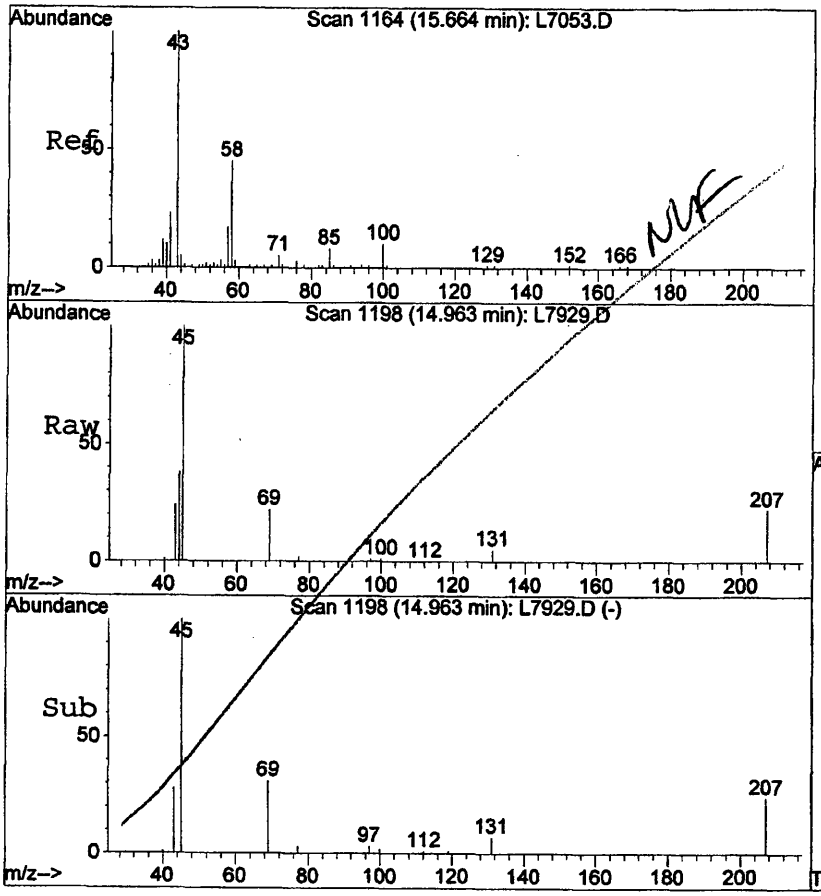
Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7929.D Vial: 15
Acq On : 31 Jul 2004 21:10 Operator: PC
Sample : A4698913 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.			
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.			
31)	C165	Benzene	0.00	78		N.D.			
32)	C155	Dibromochloromethane	0.00	129		N.D.			
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.			
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.			
35)	C220	Tetrachloroethene	0.00	166		N.D.			
36)	C163	1,2-Dibromoethane	0.00	109		N.D.			
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.			
38)	C215	2-Hexanone	14.96	43	3095	7.41	ng	NM#	29
39)	C230	Toluene	0.00	91		N.D.			
40)	C235	Chlorobenzene	0.00	112		N.D.			
41)	C240	Ethylbenzene	0.00	91		N.D.			
42)	C246	m,p-Xylene	0.00	106		N.D.			
43)	C247	o-Xylene	0.00	106		N.D.			
44)	C245	Styrene	0.00	104		N.D.			
46)	C966	Isopropylbenzene	0.00	105		N.D.			
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.			
49)	C180	Bromoform	0.00	173		N.D.			
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.			
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.			
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.			
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.			
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.			

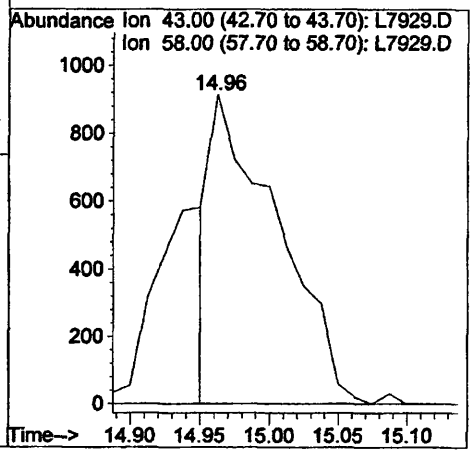
(#) = qualifier out of range (m) = manual integration



#38
C215 2-Hexanone
Concen: 7.41 ng
RT: 14.96 min Scan# 1198
Delta R.T. -0.46 min
Lab File: L7929.D
Acq: 31 Jul 2004 21:10

Tgt Ion: 43 Resp: 3095

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.9	56.9#



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698914

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7930.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

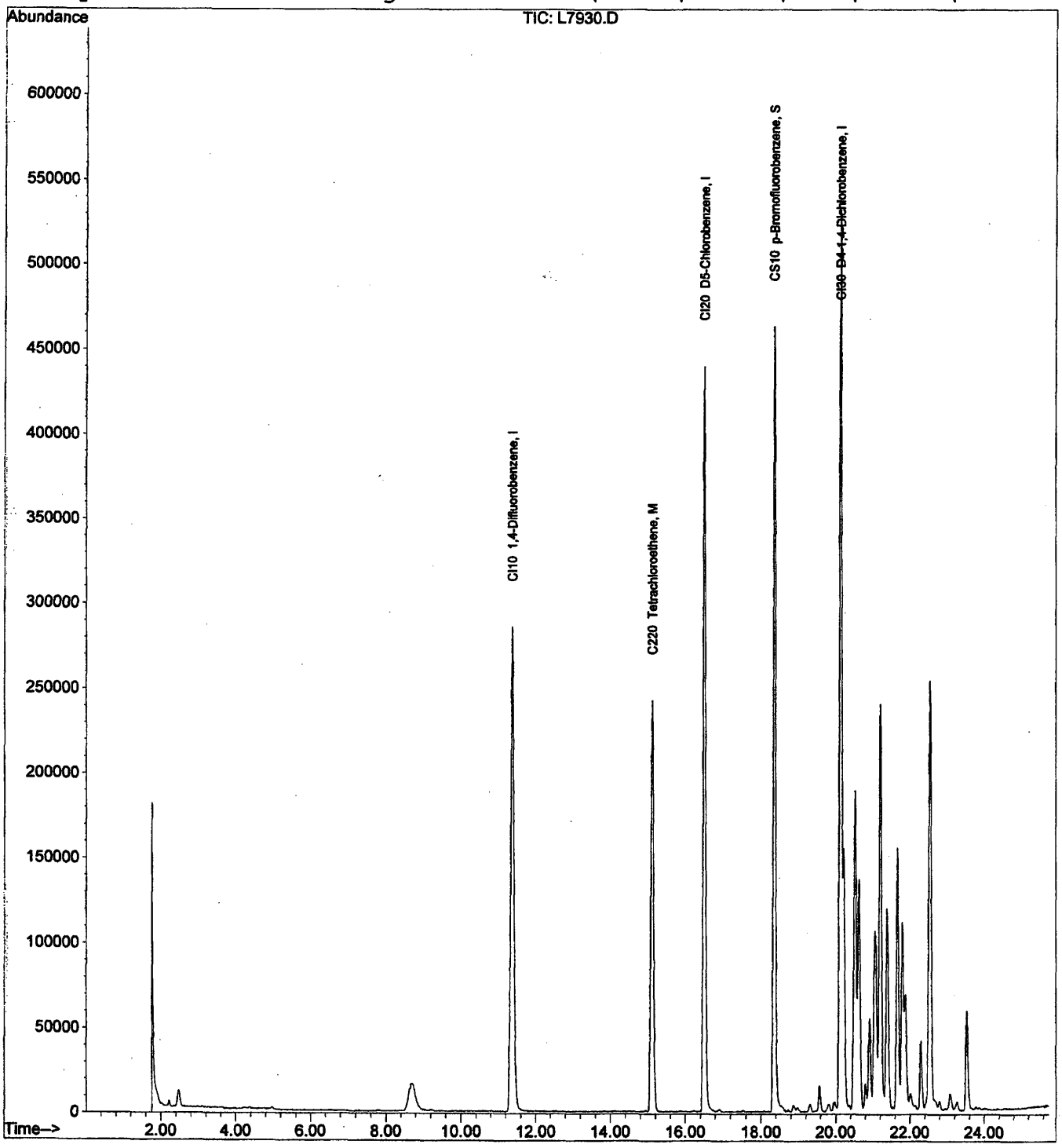
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	2	
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7930.D Vial: 16
Acq On : 31 Jul 2004 21:43 Operator: PC
Sample : A4698914 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:19 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7930.D Vial: 16
Acq On : 31 Jul 2004 21:43 Operator: PC
Sample : A4698914 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:19 2004 Quant Results File: A4I00695.RES

Reshoot of LCS started

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

HAS IL Std 8/2/04

	Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	11.38	114	792774	125.00	ng	-0.01 90.82%
24)	CI20	D5-Chlorobenzene	16.50	117	631712	125.00	ng	-0.01 91.93%
48)	CI30	D4-1,4-Dichlorobenze	20.11	152	366548	125.00	ng	-0.01 88.96%
	System Monitoring Compounds							
45)	CS10	p-Bromofluorobenzene	18.35	174	313993	122.27	ng	-0.01
	Spiked Amount 125.000		Range 80 - 120		Recovery = 97.82%			
	Target Compounds							Qvalue
2)	C290	Dichlorodifluorometh	0.00	85		N.D.		
3)	C010	Chloromethane	0.00	50		N.D.		
4)	C015	Bromomethane	0.00	94		N.D.		
5)	C020	Vinyl Chloride	0.00	62		N.D.		
6)	C025	Chloroethane	0.00	64		N.D.		
7)	C275	Trichlorotrifluorome	0.00	101		N.D.		
8)	C030	Methylene Chloride	0.00	84		N.D.		
9)	C035	Acetone	0.00	43		N.D.		
10)	C040	Carbon Disulfide	0.00	76		N.D.		
11)	C045	1,1-Dichloroethene	0.00	96		N.D.		
12)	C962	T-butyl Methyl Ether	0.00	73		N.D.		
13)	C050	1,1-Dichloroethane	0.00	63		N.D.		
14)	C057	trans-1,2-dichloroet	0.00	96		N.D.		
15)	C056	cis-1,2-Dichloroethe	0.00	96		N.D.		
16)	C060	Chloroform	0.00	83		N.D.		
17)	C222	Bromochloromethane	0.00	128		N.D.		
18)	C065	1,2-Dichloroethane	0.00	62		N.D.		
19)	C110	2-Butanone	0.00	43		N.D.		
20)	C255	Methyl Acetate	0.00	43		N.D.		
21)	C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.		
22)	C256	Cyclohexane	0.00	56		N.D.		
23)	C012	Methylcyclohexane	0.00	83		N.D.		
25)	C115	1,1,1-Trichloroethan	0.00	97		N.D.		
26)	C120	Carbon Tetrachloride	0.00	117		N.D.		
27)	C150	Trichloroethene	0.00	95		N.D.		
28)	C130	Bromodichloromethane	0.00	83		N.D.		

8/9/2004

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

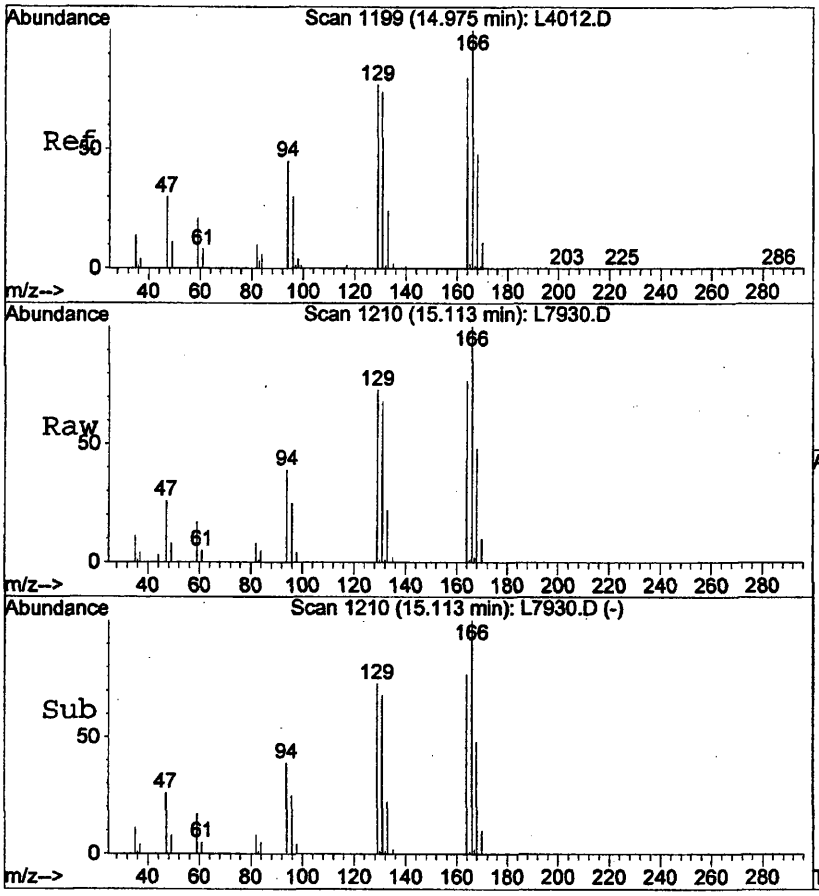
Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7930.D Vial: 16
Acq On : 31 Jul 2004 21:43 Operator: PC
Sample : A4698914 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:19 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.		
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.		
31)	C165	Benzene	0.00	78		N.D.		
32)	C155	Dibromochloromethane	0.00	129		N.D.		
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.		
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.		
35)	C220	Tetrachloroethene	15.11	166	209863	57.55	ng	94
36)	C163	1,2-Dibromoethane	0.00	109		N.D.		
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.		
38)	C215	2-Hexanone	0.00	43		N.D.		
39)	C230	Toluene	0.00	91		N.D.		
40)	C235	Chlorobenzene	0.00	112		N.D.		
41)	C240	Ethylbenzene	0.00	91		N.D.		
42)	C246	m,p-Xylene	0.00	106		N.D.		
43)	C247	o-Xylene	0.00	106		N.D.		
44)	C245	Styrene	0.00	104		N.D.		
46)	C966	Isopropylbenzene	0.00	105		N.D.		
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.		
49)	C180	Bromoform	0.00	173		N.D.		
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.		
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.		
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.		
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.		
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.		

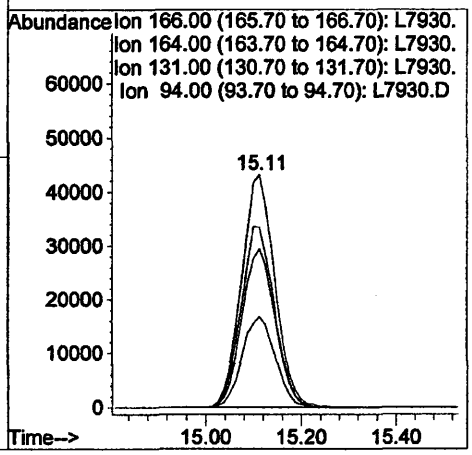
(#) = qualifier out of range (m) = manual integration



#35
C220 Tetrachloroethene
Concen: 57.55 ng
RT: 15.11 min Scan# 1210
Delta R.T. -0.01 min
Lab File: L7930.D
Acq: 31 Jul 2004 21:43

Tgt Ion:166 Resp: 209863

Ion	Ratio	Lower	Upper
166	100		
164	77.4	63.8	95.8
131	68.1	59.0	88.6
94	38.9	36.0	54.0



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698915

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7931.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

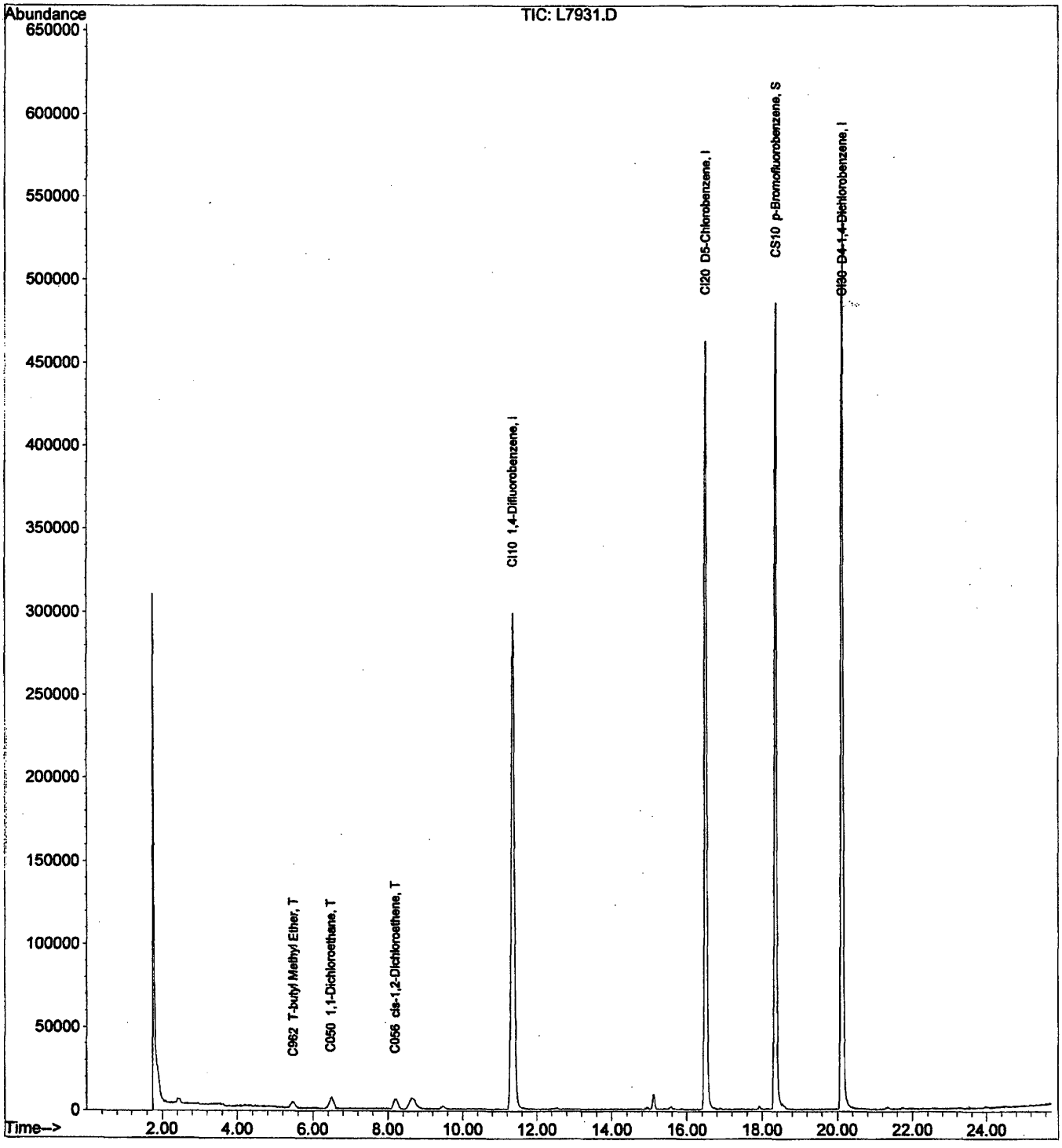
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	0.4	J
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7931.D Vial: 17
Acq On : 31 Jul 2004 22:15 Operator: PC
Sample : A4698915 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:19 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7931.D Vial: 17
Acq On : 31 Jul 2004 22:15 Operator: PC
Sample : A4698915 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:19 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.36	114	840529	125.00	ng	-0.02 96.29%
24) CI20	D5-Chlorobenzene	16.50	117	678181	125.00	ng	-0.01 98.70%
48) CI30	D4-1,4-Dichlorobenze	20.13	152	374216	125.00	ng	0.00 90.82%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.36	174	332034	120.43	ng	0.00
Spiked Amount 125.000		Range 80 - 120		Recovery = 96.34%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.		
3) C010	Chloromethane	0.00	50		N.D.		
4) C015	Bromomethane	0.00	94		N.D.		
5) C020	Vinyl Chloride	0.00	62		N.D.		
6) C025	Chloroethane	0.00	64		N.D.		
7) C275	Trichlorotrifluorome	0.00	101		N.D.		
8) C030	Methylene Chloride	0.00	84		N.D.		
9) C035	Acetone	0.00	43		N.D.		
10) C040	Carbon Disulfide	0.00	76		N.D.		
11) C045	1,1-Dichloroethene	0.00	96		N.D.		
12) C962	T-butyl Methyl Ether	5.48	73	13895	6.19	ng	86
13) C050	1,1-Dichloroethane	6.48	63	37853	9.17	ng	85
14) C057	trans-1,2-dichloroet	0.00	96		N.D.		
15) C056	cis-1,2-Dichloroethe	8.20	96	13953	6.35	ng #	
16) C060	Chloroform	0.00	83		N.D.		
17) C222	Bromochloromethane	0.00	128		N.D.		
18) C065	1,2-Dichloroethane	0.00	62		N.D.		
19) C110	2-Butanone	0.00	43		N.D.		
20) C255	Methyl Acetate	0.00	43		N.D.		
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.		
22) C256	Cyclohexane	0.00	56		N.D.		
23) C012	Methylcyclohexane	0.00	83		N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.		
26) C120	Carbon Tetrachloride	0.00	117		N.D.		
27) C150	Trichloroethene	0.00	95		N.D.		
28) C130	Bromodichloromethane	0.00	83		N.D.		

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

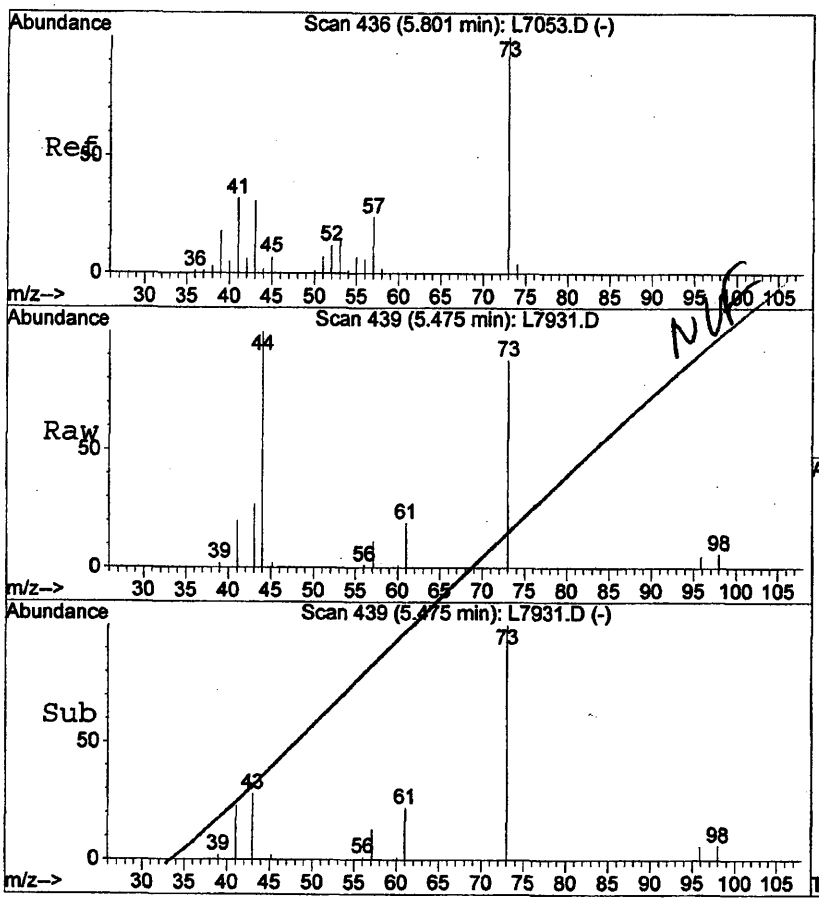
Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7931.D Vial: 17
Acq On : 31 Jul 2004 22:15 Operator: PC
Sample : A4698915 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:19 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.	
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.	
31)	C165	Benzene	0.00	78		N.D.	
32)	C155	Dibromochloromethane	0.00	129		N.D.	
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.	
35)	C220	Tetrachloroethene	0.00	166		N.D.	
36)	C163	1,2-Dibromoethane	0.00	109		N.D.	
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.	
38)	C215	2-Hexanone	0.00	43		N.D.	
39)	C230	Toluene	0.00	91		N.D.	
40)	C235	Chlorobenzene	0.00	112		N.D.	
41)	C240	Ethylbenzene	0.00	91		N.D.	
42)	C246	m,p-Xylene	0.00	106		N.D.	
43)	C247	o-Xylene	0.00	106		N.D.	
44)	C245	Styrene	0.00	104		N.D.	
46)	C966	Isopropylbenzene	0.00	105		N.D.	
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.	
49)	C180	Bromoform	0.00	173		N.D.	
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.	
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.	
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.	
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.	
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.	

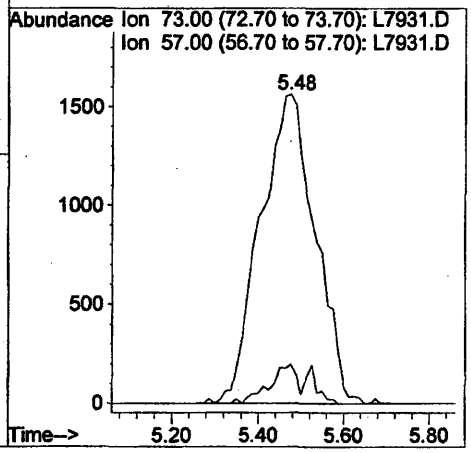
(#) = qualifier out of range (m) = manual integration

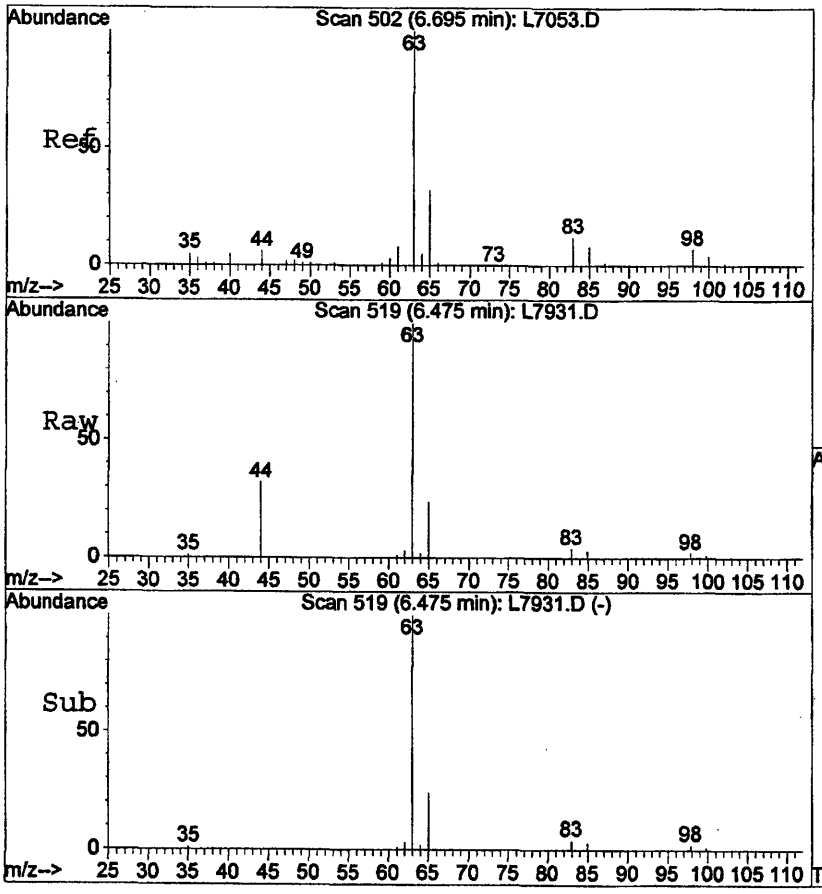


#12
C962 T-butyl Methyl Ether
Concen: 6.19 ng
RT: 5.48 min Scan# 439
Delta R.T. -0.06 min
Lab File: L7931.D
Acq: 31 Jul 2004 22:15

Tgt Ion: 73 Resp: 13895

Ion	Ratio	Lower	Upper
73	100		
57	12.6	0.0	39.0

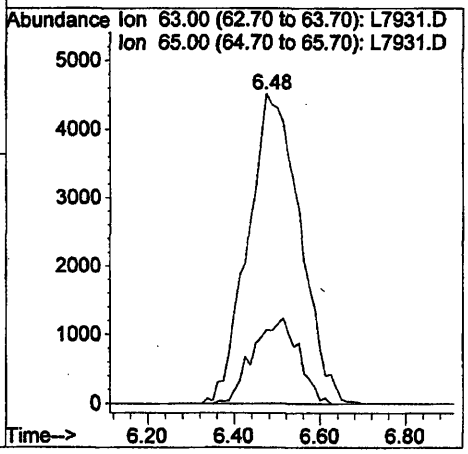


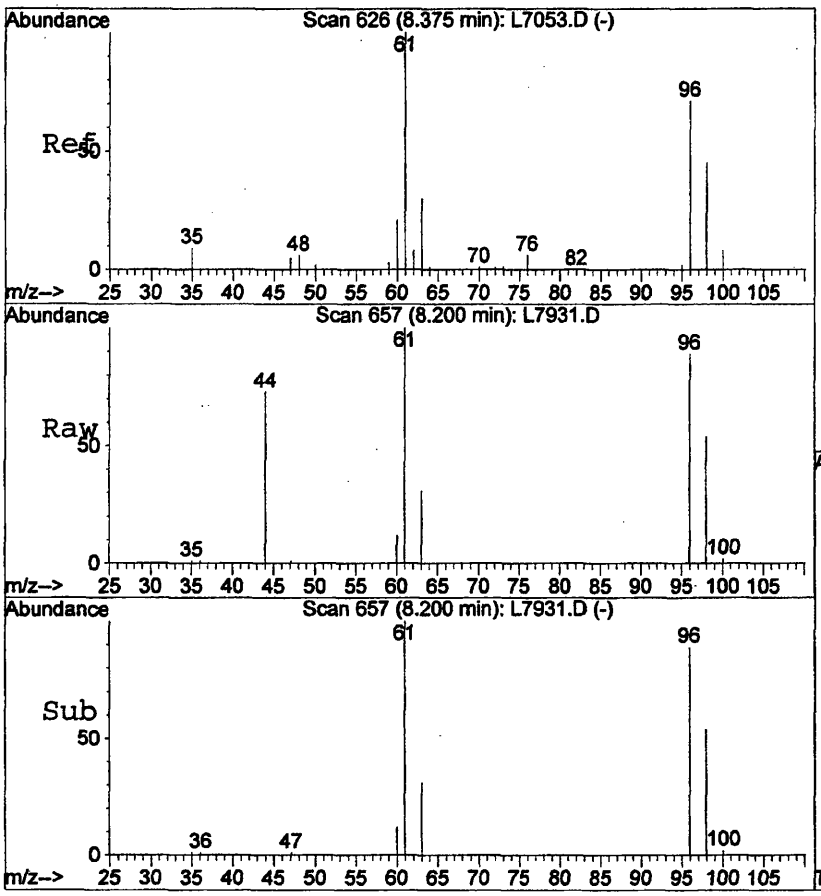


#13
C050 1,1-Dichloroethane
Concen: 9.17 ng
RT: 6.48 min Scan# 519
Delta R.T. -0.11 min
Lab File: L7931.D
Acq: 31 Jul 2004 22:15

Tgt Ion: 63 Resp: 37853

Ion	Ratio	Lower	Upper
63	100		
65	23.6	12.2	52.2

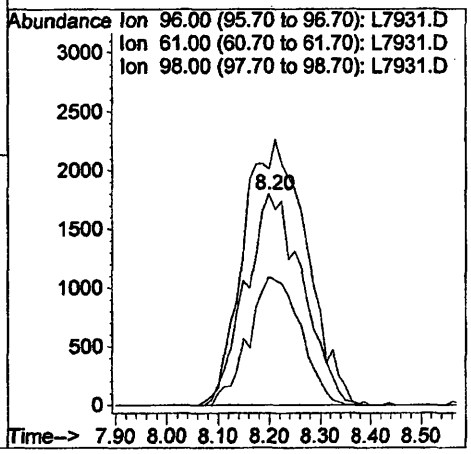




#15
C056 cis-1,2-Dichloroethene
Concen: 6.35 ng
RT: 8.20 min Scan# 657
Delta R.T. -0.10 min
Lab File: L7931.D
Acq: 31 Jul 2004 22:15

Tgt Ion: 96 Resp: 13953

Ion	Ratio	Lower	Upper
96	100		
61	111.9	129.4	169.4#
98	60.8	41.5	81.5



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9/10R

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698916

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7933.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

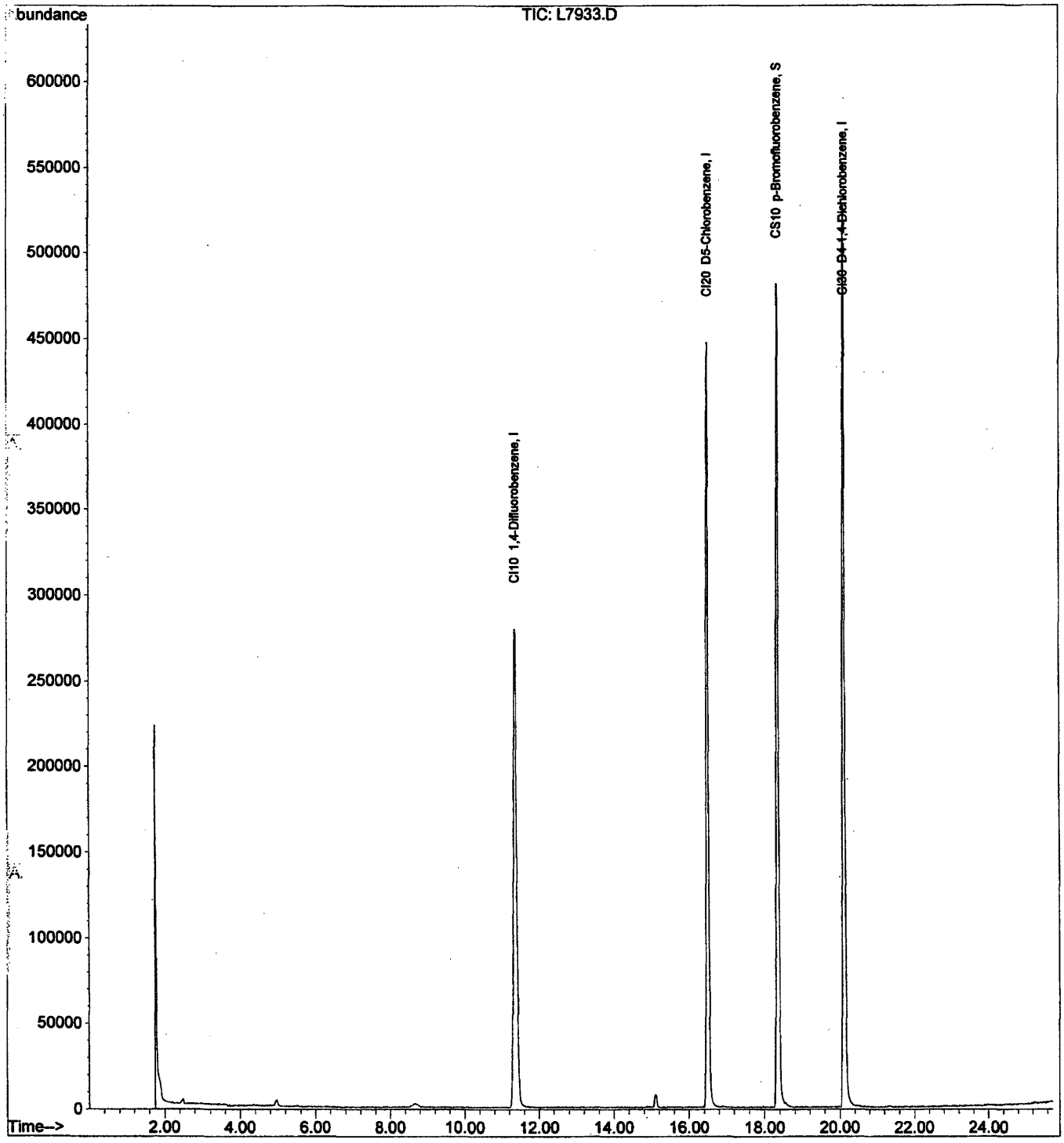
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7933.D Vial: 19
Acq On : 31 Jul 2004 23:21 Operator: PC
Sample : A4698916 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:19 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7933.D Vial: 19
Acq On : 31 Jul 2004 23:21 Operator: PC
Sample : A4698916 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:19 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.36	114	790631	125.00	ng	-0.02 90.58%
24) CI20	D5-Chlorobenzene	16.50	117	640473	125.00	ng	-0.01 93.21%
48) CI30	D4-1,4-Dichlorobenze	20.11	152	366535	125.00	ng	-0.01 88.95%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.35	174	322288	123.78	ng	-0.01
Spiked Amount 125.000		Range 80 - 120		Recovery = 99.02%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.		
3) C010	Chloromethane	0.00	50		N.D.		
4) C015	Bromomethane	0.00	94		N.D.		
5) C020	Vinyl Chloride	0.00	62		N.D.		
6) C025	Chloroethane	0.00	64		N.D.		
7) C275	Trichlorotrifluorome	0.00	101		N.D.		
8) C030	Methylene Chloride	0.00	84		N.D.		
9) C035	Acetone	0.00	43		N.D.		
10) C040	Carbon Disulfide	0.00	76		N.D.		
11) C045	1,1-Dichloroethene	0.00	96		N.D.		
12) C962	T-butyl Methyl Ether	0.00	73		N.D.		
13) C050	1,1-Dichloroethane	0.00	63		N.D.		
14) C057	trans-1,2-dichloroet	0.00	96		N.D.		
15) C056	cis-1,2-Dichloroethe	0.00	96		N.D.		
16) C060	Chloroform	0.00	83		N.D.		
17) C222	Bromochloromethane	0.00	128		N.D.		
18) C065	1,2-Dichloroethane	0.00	62		N.D.		
19) C110	2-Butanone	0.00	43		N.D.		
20) C255	Methyl Acetate	0.00	43		N.D.		
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.		
22) C256	Cyclohexane	0.00	56		N.D.		
23) C012	Methylcyclohexane	0.00	83		N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.		
26) C120	Carbon Tetrachloride	0.00	117		N.D.		
27) C150	Trichloroethene	0.00	95		N.D.		
28) C130	Bromodichloromethane	0.00	83		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7933.D Vial: 19
Acq On : 31 Jul 2004 23:21 Operator: PC
Sample : A4698916 A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:19 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.	
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.	
31)	C165	Benzene	0.00	78		N.D.	
32)	C155	Dibromochloromethane	0.00	129		N.D.	
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.	
35)	C220	Tetrachloroethene	0.00	166		N.D.	
36)	C163	1,2-Dibromoethane	0.00	109		N.D.	
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.	
38)	C215	2-Hexanone	0.00	43		N.D.	
39)	C230	Toluene	0.00	91		N.D.	
40)	C235	Chlorobenzene	0.00	112		N.D.	
41)	C240	Ethylbenzene	0.00	91		N.D.	
42)	C246	m,p-Xylene	0.00	106		N.D.	
43)	C247	o-Xylene	0.00	106		N.D.	
44)	C245	Styrene	0.00	104		N.D.	
46)	C966	Isopropylbenzene	0.00	105		N.D.	
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.	
49)	C180	Bromoform	0.00	173		N.D.	
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.	
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.	
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.	
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.	
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.	

8/9/04

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

TRIP BLANK

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698917

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6804.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

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

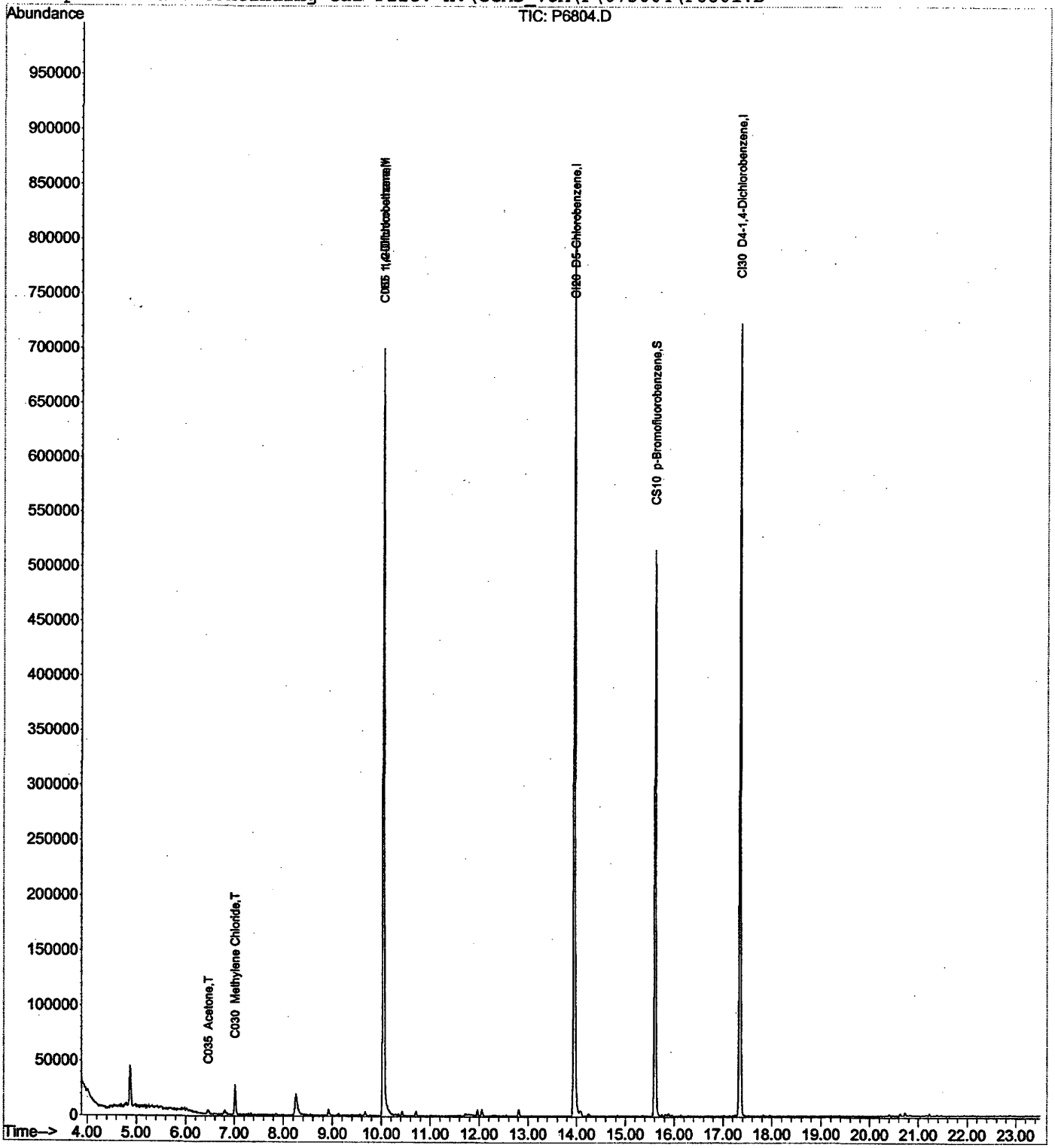
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\073004\P6804.D Vial: 13
Acq On : 30 Jul 2004 18:17 Operator: PC
Sample : A4698917 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:02 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\073004\P6801.D



Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6804.D Vial: 13
Acq On : 30 Jul 2004 18:17 Operator: PC
Sample : A4698917 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:02:52 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\073004\P6801.D (30 Jul 2004 15:32)

NO FILS JN SL 7/30/04

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.04	114	572477	125.00 ng	0.00 88.24%
17) CI20	D5-Chlorobenzene	13.95	117	532444	125.00 ng	0.00 87.50%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	233865	125.00 ng	0.00 67.45%
System Monitoring Compounds						
38) CS10	p-Bromofluorobenzene	15.61	174	159049	105.40 ng	0.00
Spiked Amount 125.000		Range 80 - 120		Recovery = 84.32%		
Target Compounds						Qvalue
2) C010	Chloromethane	4.43	50	185	N.D.	
3) C015	Bromomethane	0.00	94	0	N.D.	
4) C020	Vinyl Chloride	4.88	62	795	N.D.	
5) C025	Chloroethane	5.31	64	138	N.D.	
6) C030	Methylene Chloride	7.02	84	14367	9.06 ng	~~# 83~~
7) C035	Acetone	6.46	43	6094	31.55 ng	~~94~~
8) C040	Carbon Disulfide	6.80	76	2414	N.D.	
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
10) C050	1,1-Dichloroethane	7.88	63	143	N.D.	
11) C057	trans-1,2-dichloroet	7.36	96	130	N.D.	
12) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.	
13) C060	Chloroform	8.92	83	5788	N.D.	
14) C222	Bromochloromethane	0.00	128	0	N.D.	
15) C065	1,2-Dichloroethane	10.04	62	21366	12.12 ng	~~# 17~~
16) C110	2-Butanone	8.54	43	428	N.D.	
18) C115	1,1,1-Trichloroethan	9.21	97	326	N.D.	
19) C120	Carbon Tetrachloride	9.44	117	371	N.D.	
20) C150	Trichloroethene	10.42	95	1301	N.D.	
21) C130	Bromodichloromethane	11.03	83	883	N.D.	
22) C140	1,2-Dichloropropane	10.72	63	338	N.D.	
23) C145	cis-1,3-Dichloroprop	11.59	75	160	N.D.	
24) C165	Benzene	9.67	78	3996	N.D.	
25) C155	Dibromochloromethane	12.81	129	1391	N.D.	
26) C170	trans-1,3-Dichloropr	12.26	75	442	N.D.	
27) C160	1,1,2-Trichloroethan	12.55	97	319	N.D.	
28) C220	Tetrachloroethene	12.82	166	2221	N.D.	
29) C163	1,2-Dibromoethane	0.00	109	0	N.D.	
30) C210	4-Methyl-2-Pentanone	11.72	43	2164	N.D.	
31) C215	2-Hexanone	12.80	43	1180	N.D.	
32) C230	Toluene	12.06	91	6469	N.D.	
33) C235	Chlorobenzene	14.00	112	5893	N.D.	
34) C240	Ethylbenzene	14.25	91	2574	N.D.	
35) C246	m,p-Xylene	14.25	106	1316	N.D.	
36) C247	o-Xylene	0.00	106	0	N.D.	
37) C245	Styrene	14.85	104	287	N.D.	
39) C225	1,1,2,2-Tetrachloroe	15.75	83	1414	N.D.	

MF

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

7/30/04

Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6804.D Vial: 13
Acq On : 30 Jul 2004 18:17 Operator: PC
Sample : A4698917 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:02:52 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
41)	C180	Bromoform	0.00	173	0	N.D.	
42)	C260	1,3-Dichlorobenzene	17.24	146	1261	N.D.	
43)	C267	1,4-Dichlorobenzene	17.24	146	1261	N.D.	
44)	C249	1,2-Dichlorobenzene	17.97	146	365	N.D.	
45)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
46)	C313	1,2,4-Trichlorobenze	20.40	180	1051	N.D.	

8/9/2004

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

STANDARDS

LOW CONCENTRATION VOLATILES, 10/92
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A4I0000695-1

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

Intrument ID: I50L Calibration Dates(s): 07/31/2004 07/31/2004

Heated Purge (Y/N): N Calibration Times: 09:53 12:48

GC Column: DB-624 ID: 0.53(mm)

Lab File ID: RRF1 = L7914.RR RRF2 = L7913.RR
RRF5 = L7912.RR RRF10 = L7911.RR RRF25 = L7910.RR

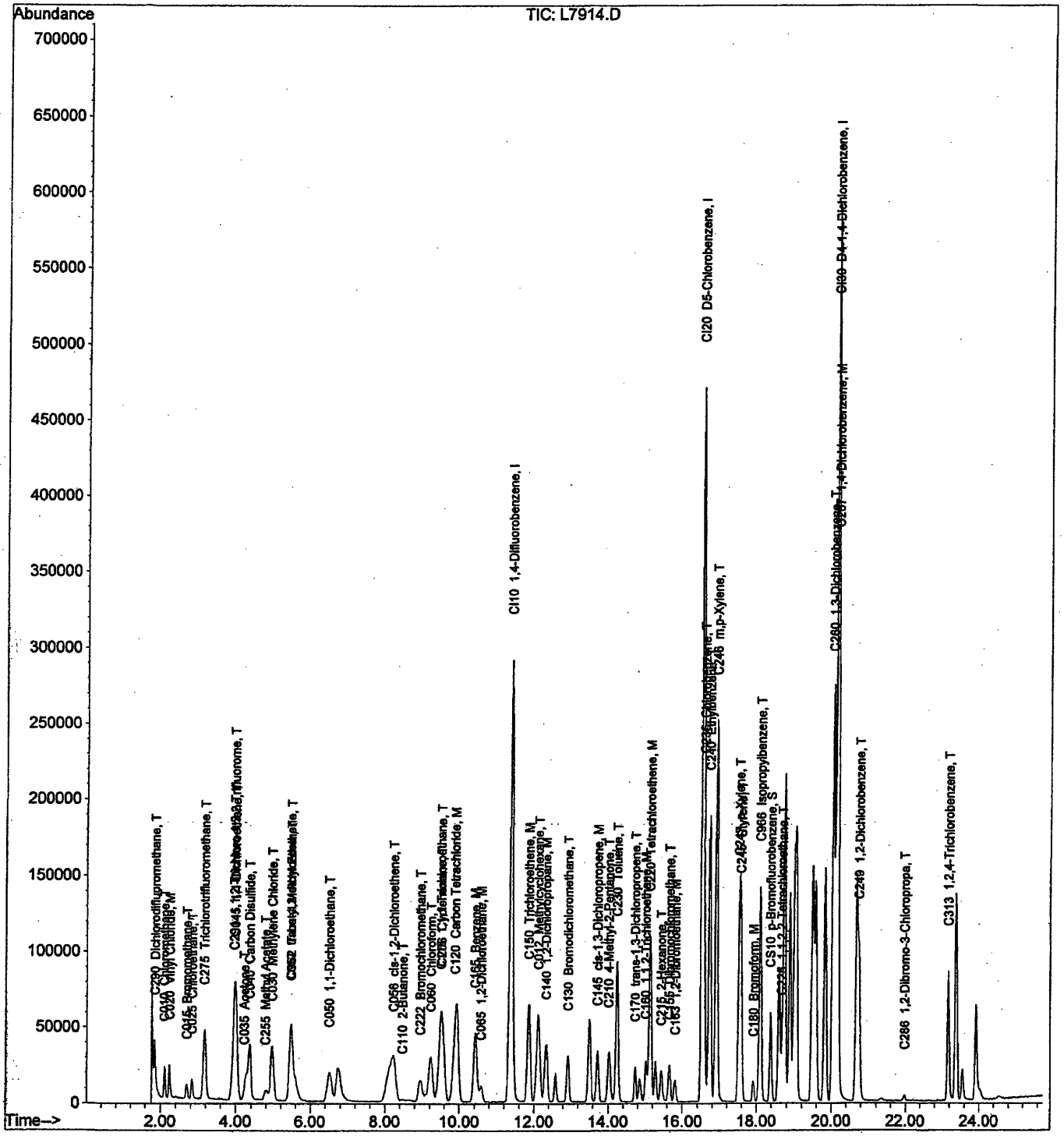
COMPOUND		RRF1	RRF2	RRF5	RRF10	RRF25	AVG RRF	% RSD
Vinyl chloride	*	0.238	0.221	0.245	0.236	0.257	0.2390	5.400*
Chloroethane		0.172	0.164	0.177	0.169	0.185	0.1730	4.600
1,1-Dichloroethane	*	0.610	0.624	0.688	0.660	0.687	0.6540	5.500*
1,1,1-Trichloroethane	*	0.754	0.812	0.933	0.909	1.031	0.8880	12.200*
Trichloroethene	*	0.575	0.596	0.672	0.637	0.712	0.6380	8.700*
Tetrachloroethene	*	0.754	0.769	0.849	0.816	0.903	0.8180	7.400*
Chlorobenzene	*	1.138	1.146	1.209	1.154	1.213	1.1720	3.100*
1,2-Dichloroethene (Total)		0.322	0.367	0.372	0.369	0.387	0.3630	6.700
p-Bromofluorobenzene	*	0.337	0.337	0.507	0.440	0.402	0.4040	17.800*

Comments:

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7914.D Vial: 5
Acq On : 31 Jul 2004 12:48 Operator: PC
Sample : VSTD001 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

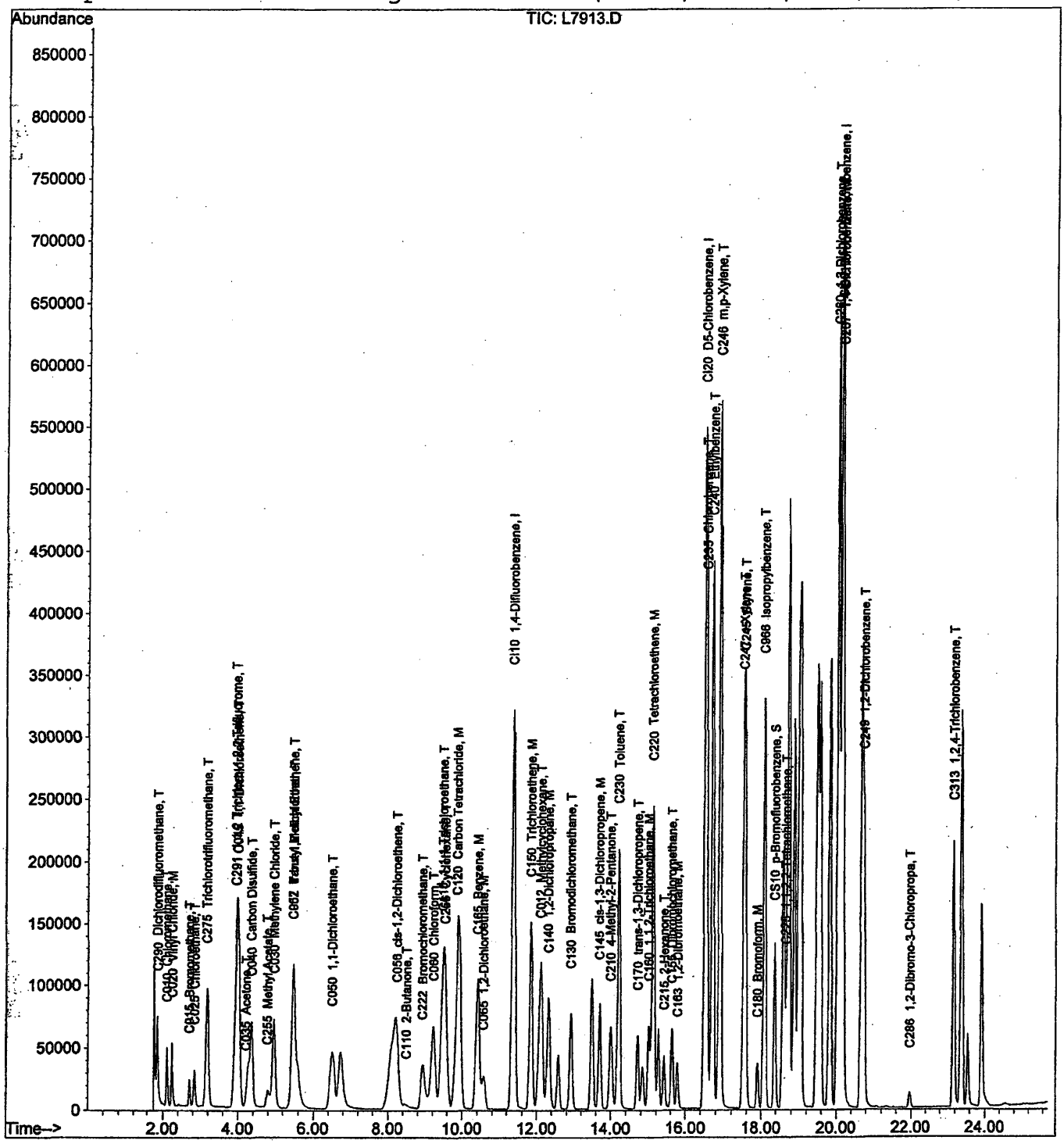
Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7912.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7913.D Vial: 4
Acq On : 31 Jul 2004 12:15 Operator: PC
Sample : VSTD002 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

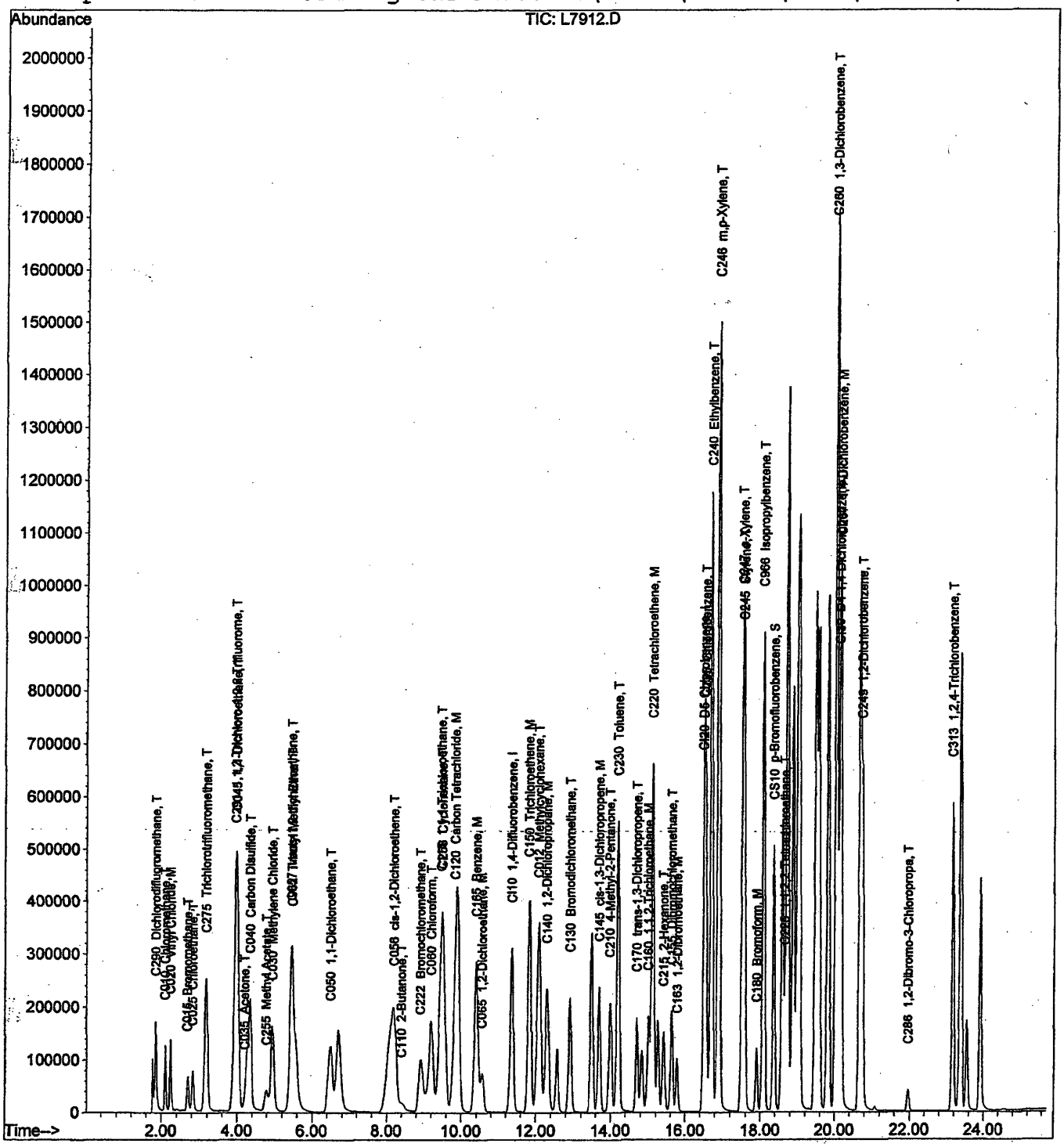
Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7912.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7912.D Vial: 3
Acq On : 31 Jul 2004 11:43 Operator: PC
Sample : VSTD005 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

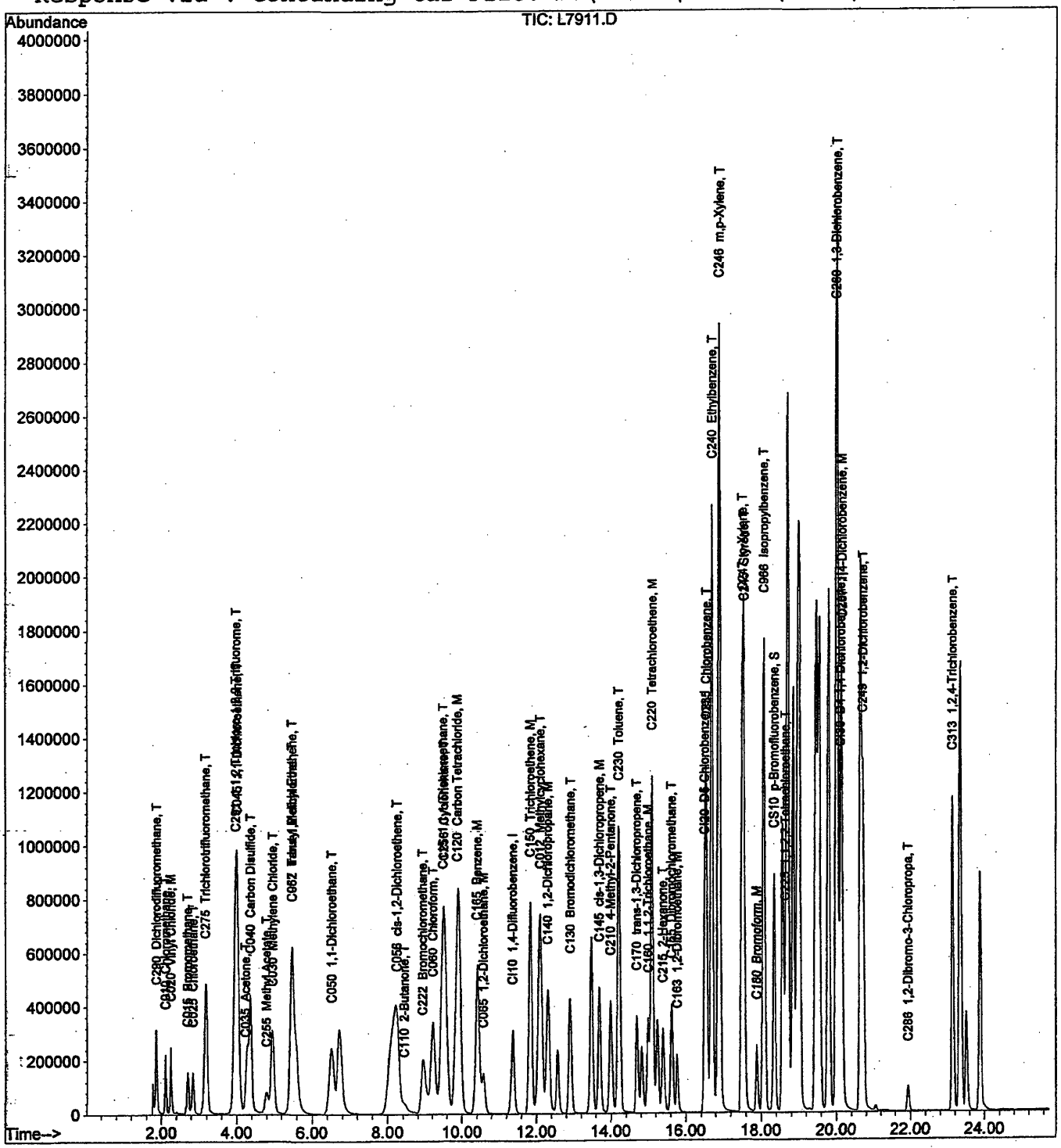
Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7912.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7911.D Vial: 2
Acq On : 31 Jul 2004 11:10 Operator: PC
Sample : VSTD010 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

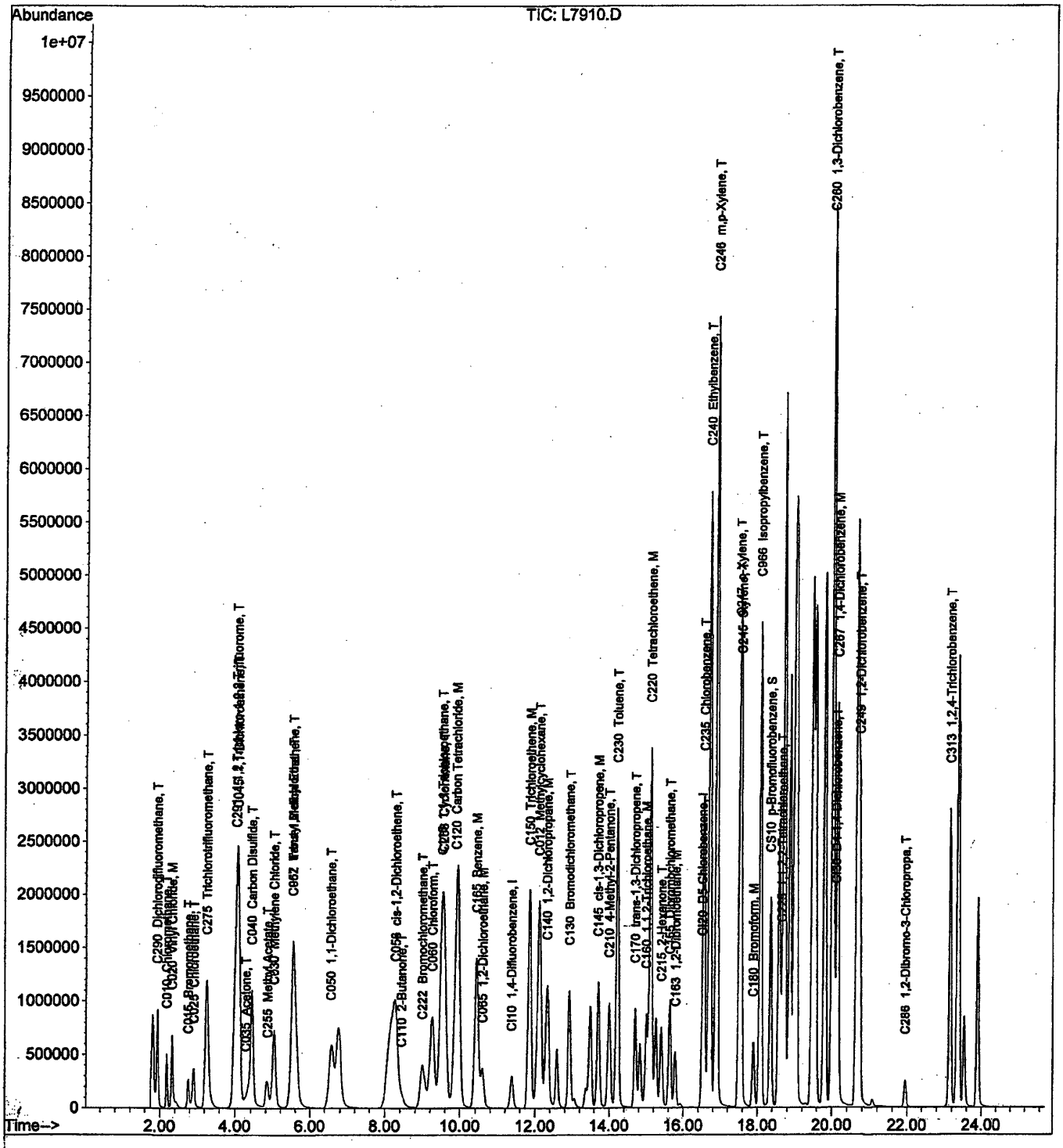
Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7912.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7910.D Vial: 1
Acq On : 31 Jul 2004 10:38 Operator: PC
Sample : VSTD025 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7912.D



Response Factor Report Finnigan

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Continuing Calibration

1 of 140 1992 25-1 A4I 695

Calibration Files
1 =L7914.D 2 =L7913.D 3 =L7912.D
4 =L7911.D 5 =L7910.D

			Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD						
2)	T	C290	Dichlorodifluor	0.312	0.293	0.309	0.302	0.330	0.309	4.46
3)	T	C010	Chloromethane	0.213	0.196	0.211	0.206	0.190	0.203	4.85
4)	T	C015	Bromomethane	0.073	0.081	0.103	0.117	0.100	0.095	18.43
5)	M	C020	Vinyl Chloride	0.238	0.221	0.245	0.235	0.256	0.239	5.44
6)	T	C025	Chloroethane	0.172	0.164	0.177	0.169	0.184	0.173	4.64
7)	T	C275	Trichlorotriflu	0.690	0.659	0.708	0.676	0.768	0.700	5.97
8)	T	C030	Methylene Chlor	0.302	0.261	0.255	0.241	0.236	0.259	10.21
9)	T	C035	Acetone	0.014	0.012	0.015	0.015	0.013	0.014	9.01
10)	T	C040	Carbon Disulfid	0.791	0.649	0.825	0.855	0.956	0.815	13.65
11)	T	C045	1,1-Dichloroeth	0.258	0.267	0.306	0.301	0.328	0.292	9.89
12)	T	C962	T-butyl Methyl	0.376	0.318	0.382	0.372	0.345	0.358	7.50
13)	T	C050	1,1-Dichloroeth	0.610	0.624	0.688	0.660	0.687	0.654	5.48
14)	T	C057	trans-1,2-dichl	0.341	0.354	0.395	0.387	0.412	0.378	7.77
15)	T	C056	cis-1,2-Dichlor	0.302	0.319	0.349	0.350	0.361	0.336	7.30
16)	T	C060	Chloroform	0.625	0.639	0.673	0.665	0.702	0.661	4.59
17)	T	C222	Bromochlorometh	0.098	0.112	0.121	0.122	0.100	0.111	10.43
18)	M	C065	1,2-Dichloroeth	0.198	0.213	0.231	0.227	0.237	0.221	7.22
19)	T	C110	2-Butanone	0.021	0.021	0.028	0.028	0.026	0.025	15.92
20)	T	C255	Methyl Acetate	0.055	0.050	0.062	0.060	0.061	0.058	8.65
21)	T	C291	1,1,2 Trichloro	0.559	0.495	0.604	0.609	0.667	0.587	10.92
22)	T	C256	Cyclohexane	0.524	0.474	0.572	0.609	0.646	0.565	12.05
23)	T	C012	Methylcyclohexa	0.533	0.492	0.606	0.620	0.664	0.583	11.93
24)	I	CI20	D5-Chlorobenzen	ISTD						
25)	T	C115	1,1,1-Trichloro	0.754	0.812	0.933	0.909	1.031	0.888	12.19
26)	M	C120	Carbon Tetrachl	0.692	0.772	0.884	0.858	0.992	0.839	13.57
27)	M	C150	Trichloroethene	0.575	0.596	0.672	0.637	0.712	0.638	8.71
28)	T	C130	Bromodichlorome	0.498	0.566	0.635	0.632	0.683	0.603	11.94
29)	M	C140	1,2-Dichloropro	0.384	0.406	0.447	0.429	0.442	0.422	6.22
30)	M	C145	cis-1,3-Dichlor	0.424	0.478	0.549	0.543	0.577	0.514	12.06
31)	M	C165	Benzene	1.220	1.261	1.410	1.373	1.483	1.349	7.99
32)	T	C155	Dibromochlorome	0.308	0.349	0.420	0.431	0.453	0.392	15.54
33)	T	C170	trans-1,3-Dichl	0.265	0.307	0.363	0.368	0.391	0.339	15.18
34)	M	C160	1,1,2-Trichloro	0.169	0.197	0.219	0.216	0.226	0.206	11.09
35)	M	C220	Tetrachloroethe	0.754	0.769	0.849	0.816	0.903	0.818	7.41
36)	M	C163	1,2-Dibromoetha	0.216	0.239	0.274	0.279	0.287	0.259	11.63
37)	T	C210	4-Methyl-2-Pent	0.130	0.117	0.148	0.143	0.141	0.136	9.07
38)	T	C215	2-Hexanone	0.076	0.070	0.095	0.096	0.095	0.086	14.44
39)	T	C230	Toluene	1.520	1.568	1.695	1.625	1.798	1.641	6.67
40)	T	C235	Chlorobenzene	1.138	1.146	1.209	1.154	1.213	1.172	3.08
41)	T	C240	Ethylbenzene	2.009	2.048	2.210	2.117	2.326	2.142	5.98

L Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Response Factor Report Finnigan

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Continuing Calibration

Calibration Files
1 =L7914.D 2 =L7913.D 3 =L7912.D
4 =L7911.D 5 =L7910.D

		Compound		1	2	3	4	5	Avg	%RSD
42)	T	C246	m,p-Xylene	0.792	0.831	0.909	0.869	0.923	0.865	6.27
43)	T	C247	o-Xylene	0.673	0.714	0.805	0.783	0.833	0.762	8.69
44)	T	C245	Styrene	0.926	1.022	1.144	1.132	1.177	1.080	9.61
45)	S	CS10	p-Bromofluorobe	0.337	0.337	0.507	0.439	0.402	0.404	17.83
46)	T	C966	Isopropylbenzen	2.214	2.330	2.634	2.532	2.788	2.500	9.22
47)	T	C225	1,1,2,2-Tetrach	0.238	0.276	0.300	0.294	0.294	0.280	8.94
48)	I	CI30	D4-1,4-Dichloro	----------	ISTD	----------				
49)	M	C180	Bromoform	0.241	0.293	0.371	0.382	0.409	0.339	20.55
50)	T	C260	1,3-Dichloroben	1.773	1.858	2.024	1.917	2.001	1.915	5.39
51)	M	C267	1,4-Dichloroben	1.763	1.854	1.989	1.892	2.013	1.902	5.36
52)	T	C249	1,2-Dichloroben	1.362	1.436	1.564	1.484	1.557	1.481	5.75
53)	T	C286	1,2-Dibromo-3-C	0.038	0.061	0.082	0.090	0.100	0.074	33.58
54)	T	C313	1,2,4-Trichloro	1.053	1.139	1.241	1.197	1.207	1.167	6.32

Total Average %RSD 9.93

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7914.D Vial: 5
Acq On : 31 Jul 2004 12:48 Operator: PC
Sample : VSTD001 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7912.D (31 Jul 2004 11:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.39	114	827565	125.00	ng		0.00 94.23%
24) CI20	D5-Chlorobenzene	16.53	117	637487	125.00	ng		0.00 96.41%
48) CI30	D4-1,4-Dichlorobenze	20.14	152	367452	125.00	ng		0.00 96.13%
System Monitoring Compounds								
45) CS10	p-Bromofluorobenzene	18.38	174	42970	16.63	ng		0.00
Spiked Amount 125.000	Range 80 - 120			Recovery = 13.30%#				
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.85	85	51662	25.26	ng		97
3) C010	Chloromethane	2.10	50	35316	25.28	ng		97
4) C015	Bromomethane	2.70	94	12161	17.89	ng		93
5) C020	Vinyl Chloride	2.24	62	39446	24.31	ng		100
6) C025	Chloroethane	2.84	64	28503	24.29	ng		95
7) C275	Trichlorotrifluorome	3.18	101	114273	24.39	ng		100
8) C030	Methylene Chloride	4.96	84	50066	29.63	ng		91
9) C035	Acetone	4.23	43	11765	118.48	ng		85
10) C040	Carbon Disulfide	4.36	76	130923	23.97	ng		100
11) C045	1,1-Dichloroethene	3.99	96	42708	21.07	ng		89
12) C962	T-butyl Methyl Ether	5.49	73	62224	24.62	ng		98
13) C050	1,1-Dichloroethane	6.51	63	100937	22.16	ng		96
14) C057	trans-1,2-dichloroet	5.48	96	56469	21.58	ng		97
15) C056	cis-1,2-Dichloroethe	8.24	96	50020	21.67	ng		97
16) C060	Chloroform	9.24	83	103398	23.20	ng		93
17) C222	Bromochloromethane	8.95	128	16167	20.24	ng		93
18) C065	1,2-Dichloroethane	10.59	62	32742	21.36	ng		70
19) C110	2-Butanone	8.47	43	17147	90.09	ng	#	51
20) C255	Methyl Acetate	4.79	43	9125	22.16	ng		65
21) C291	1,1,2 Trichloro-1,2,	3.96	101	92519	23.12	ng		85
22) C256	Cyclohexane	9.53	56	86699	22.90	ng		94
23) C012	Methylcyclohexane	12.13	83	88157	21.96	ng		96
25) C115	1,1,1-Trichloroethan	9.51	97	96125	20.20	ng		95
26) C120	Carbon Tetrachloride	9.89	117	88208	19.57	ng		97
27) C150	Trichloroethene	11.86	95	73328	21.40	ng	#	84
28) C130	Bromodichloromethane	12.94	83	63459	19.61	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7914.D Vial: 5
Acq On : 31 Jul 2004 12:48 Operator: PC
Sample : VSTD001 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	12.34	63	49009	21.49	ng		92
30)	C145	cis-1,3-Dichloroprop	13.73	75	54093	19.31	ng		98
31)	C165	Benzene	10.43	78	155561	21.64	ng		98
32)	C155	Dibromochloromethane	15.66	129	39312	18.34	ng		93
33)	C170	trans-1,3-Dichloropr	14.73	75	33821	18.27	ng		100
34)	C160	1,1,2-Trichloroethan	15.01	83	21605	19.31	ng		96
35)	C220	Tetrachloroethene	15.14	166	96139	22.22	ng		94
36)	C163	1,2-Dibromoethane	15.81	109	27584	19.72	ng		99
37)	C210	4-Methyl-2-Pentanone	14.01	43	82625	109.69	ng	#	72
38)	C215	2-Hexanone	15.44	43	48330	99.90	ng		94
39)	C230	Toluene	14.24	91	193777	22.42	ng		93
40)	C235	Chlorobenzene	16.57	112	145060	23.53	ng		98
41)	C240	Ethylbenzene	16.73	91	256089	22.72	ng		96
42)	C246	m,p-Xylene	16.91	106	202060	43.57	ng		98
43)	C247	o-Xylene	17.54	106	85813	20.89	ng		97
44)	C245	Styrene	17.59	104	118126	20.24	ng		96
46)	C966	Isopropylbenzene	18.10	105	282257	21.01	ng		100
47)	C225	1,1,2,2-Tetrachloroe	18.68	83	30395	19.89	ng		88
49)	C180	Bromoform	17.93	173	17738	16.27	ng		90
50)	C260	1,3-Dichlorobenzene	20.04	146	130316	21.91	ng		95
51)	C267	1,4-Dichlorobenzene	20.18	146	129572	22.17	ng		98
52)	C249	1,2-Dichlorobenzene	20.75	146	100067	21.77	ng		97
53)	C286	1,2-Dibromo-3-Chloro	21.99	75	2774	11.53	ng	#	84
54)	C313	1,2,4-Trichlorobenze	23.18	180	77370	21.20	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7913.D Vial: 4
Acq On : 31 Jul 2004 12:15 Operator: PC
Sample : VSTD002 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7912.D (31 Jul 2004 11:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.38	114	902898	125.00	ng		-0.01 102.80%
24) CI20	D5-Chlorobenzene	16.51	117	689567	125.00	ng		-0.01 104.29%
48) CI30	D4-1,4-Dichlorobenze	20.14	152	397514	125.00	ng		0.00 103.99%
System Monitoring Compounds								
45) CS10	p-Bromofluorobenzene	18.38	174	92880	33.24	ng		0.00
Spiked Amount	125.000	Range	80 - 120	Recovery =	26.59%#			
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.86	85	105811	47.42	ng		100
3) C010	Chloromethane	2.11	50	70814	46.46	ng		98
4) C015	Bromomethane	2.70	94	29342	39.56	ng		93
5) C020	Vinyl Chloride	2.25	62	79845	45.10	ng		98
6) C025	Chloroethane	2.84	64	59054	46.13	ng		100
7) C275	Trichlorotrifluorome	3.18	101	238116	46.59	ng		98
8) C030	Methylene Chloride	4.96	84	94438	51.22	ng		89
9) C035	Acetone	4.21	43	22009	203.15	ng		100
10) C040	Carbon Disulfide	4.36	76	234425	39.34	ng		100
11) C045	1,1-Dichloroethene	4.00	96	96506	43.63	ng		100
12) C962	T-butyl Methyl Ether	5.48	73	114749	41.62	ng		96
13) C050	1,1-Dichloroethane	6.50	63	225188	45.31	ng		98
14) C057	trans-1,2-dichloroet	5.48	96	128025	44.83	ng		93
15) C056	cis-1,2-Dichloroethe	8.24	96	115120	45.70	ng		90
16) C060	Chloroform	9.22	83	230852	47.48	ng		96
17) C222	Bromochloromethane	8.93	128	40568	46.56	ng		95
18) C065	1,2-Dichloroethane	10.58	62	76764	45.91	ng		65
19) C110	2-Butanone	8.49	43	37485	180.52	ng		63
20) C255	Methyl Acetate	4.79	43	18159	40.43	ng		78
21) C291	1,1,2 Trichloro-1,2,	3.96	101	178877	40.97	ng		89
22) C256	Cyclohexane	9.55	56	171146	41.44	ng		95
23) C012	Methylcyclohexane	12.11	83	177611	40.55	ng		90
25) C115	1,1,1-Trichloroethan	9.49	97	223853	43.49	ng		99
26) C120	Carbon Tetrachloride	9.88	117	212842	43.64	ng		100
27) C150	Trichloroethene	11.85	95	164345	44.35	ng	#	83
28) C130	Bromodichloromethane	12.91	83	156184	44.61	ng		99

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

Data File : D:\ELINK\INSTR1\DATA\073104\L7913.D Vial: 4
Acq On : 31 Jul 2004 12:15 Operator: PC
Sample : VSTD002 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	12.31	63	111852	45.35	ng		97
30)	C145	cis-1,3-Dichloroprop	13.70	75	131841	43.50	ng		100
31)	C165	Benzene	10.43	78	347875	44.73	ng		99
32)	C155	Dibromochloromethane	15.64	129	96227	41.50	ng		96
33)	C170	trans-1,3-Dichloropr	14.71	75	84780	42.34	ng		100
34)	C160	1,1,2-Trichloroethan	15.00	83	54383	44.94	ng		96
35)	C220	Tetrachloroethene	15.11	166	212058	45.30	ng		93
36)	C163	1,2-Dibromoethane	15.79	109	65963	43.59	ng		99
37)	C210	4-Methyl-2-Pentanone	14.00	43	161626	198.36	ng	#	74
38)	C215	2-Hexanone	15.43	43	96331	184.09	ng		97
39)	C230	Toluene	14.21	91	432365	46.25	ng		95
40)	C235	Chlorobenzene	16.55	112	316220	47.42	ng		99
41)	C240	Ethylbenzene	16.71	91	564799	46.33	ng		97
42)	C246	m,p-Xylene	16.90	106	458672	91.44	ng		93
43)	C247	o-Xylene	17.53	106	196946	44.32	ng		92
44)	C245	Styrene	17.56	104	281950	44.67	ng		92
46)	C966	Isopropylbenzene	18.09	105	642679	44.23	ng		100
47)	C225	1,1,2,2-Tetrachloroe	18.66	83	76058	46.01	ng		86
49)	C180	Bromoform	17.90	173	46604	39.52	ng		90
50)	C260	1,3-Dichlorobenzene	20.03	146	295459	45.91	ng		97
51)	C267	1,4-Dichlorobenzene	20.16	146	294776	46.61	ng		97
52)	C249	1,2-Dichlorobenzene	20.74	146	228340	45.91	ng		96
53)	C286	1,2-Dibromo-3-Chloro	21.98	75	9650	37.07	ng		91
54)	C313	1,2,4-Trichlorobenze	23.18	180	181166	45.88	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7912.D Vial: 3
Acq On : 31 Jul 2004 11:43 Operator: PC
Sample : VSTD005 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7912.D (31 Jul 2004 11:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.36	114	878281	125.00	ng		-0.02 100.00%
24) CI20	D5-Chlorobenzene	16.50	117	661214	125.00	ng		-0.02 100.00%
48) CI30	D4-1,4-Dichlorobenze	20.13	152	382254	125.00	ng		-0.01 100.00%
System Monitoring Compounds								
45) CS10	p-Bromofluorobenzene	18.36	174	334967	125.00	ng		-0.01
Spiked Amount 125.000	Range 80 - 120			Recovery = 100.00%				
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.85	85	271309	125.00	ng		99
3) C010	Chloromethane	2.10	50	185347	125.00	ng		99
4) C015	Bromomethane	2.69	94	90185	125.00	ng		98
5) C020	Vinyl Chloride	2.24	62	215288	125.00	ng		97
6) C025	Chloroethane	2.83	64	155657	125.00	ng		99
7) C275	Trichlorotrifluorome	3.18	101	621422	125.00	ng		97
8) C030	Methylene Chloride	4.95	84	224169	125.00	ng		91
9) C035	Acetone	4.20	43	65864	625.00	ng		93
10) C040	Carbon Disulfide	4.35	76	724531	124.99	ng		100
11) C045	1,1-Dichloroethene	3.99	96	268948	125.00	ng		99
12) C962	T-butyl Methyl Ether	5.48	73	335273	125.00	ng		90
13) C050	1,1-Dichloroethane	6.50	63	604292	125.00	ng		97
14) C057	trans-1,2-dichloroet	5.46	96	347215	125.00	ng		94
15) C056	cis-1,2-Dichloroethe	8.20	96	306281	125.00	ng		91
16) C060	Chloroform	9.20	83	591081	124.97	ng		100
17) C222	Bromochloromethane	8.91	128	105943	125.00	ng	#	88
18) C065	1,2-Dichloroethane	10.56	62	203319	125.00	ng		60
19) C110	2-Butanone	8.40	43	126242	625.00	ng		83
20) C255	Methyl Acetate	4.79	43	54618	125.00	ng		96
21) C291	1,1,2 Trichloro-1,2,	3.96	101	530842	124.99	ng		84
22) C256	Cyclohexane	9.50	56	502190	125.00	ng		96
23) C012	Methylcyclohexane	12.09	83	532565	125.00	ng		91
25) C115	1,1,1-Trichloroethan	9.47	97	617006	125.00	ng		99
26) C120	Carbon Tetrachloride	9.85	117	584526	125.00	ng		96
27) C150	Trichloroethene	11.83	95	444200	125.00	ng		85
28) C130	Bromodichloromethane	12.91	83	419633	125.00	ng		98

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7912.D Vial: 3
Acq On : 31 Jul 2004 11:43 Operator: PC
Sample : VSTD005 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	12.30	63	295625	125.00	ng		100
30)	C145	cis-1,3-Dichloroprop	13.70	75	363261	125.00	ng		97
31)	C165	Benzene	10.40	78	932111	125.00	ng		96
32)	C155	Dibromochloromethane	15.64	129	277941	125.00	ng		95
33)	C170	trans-1,3-Dichloropr	14.70	75	239978	125.00	ng		96
34)	C160	1,1,2-Trichloroethan	15.00	83	145049	125.00	ng		97
35)	C220	Tetrachloroethene	15.11	166	561041	125.00	ng		93
36)	C163	1,2-Dibromoethane	15.79	109	181381	125.00	ng		94
37)	C210	4-Methyl-2-Pentanone	13.99	43	488309	625.00	ng	#	74
38)	C215	2-Hexanone	15.41	43	313609	625.00	ng		96
39)	C230	Toluene	14.21	91	1120535	125.00	ng		93
40)	C235	Chlorobenzene	16.55	112	799353	125.00	ng		98
41)	C240	Ethylbenzene	16.71	91	1461089	125.00	ng		98
42)	C246	m,p-Xylene	16.90	106	1202492	250.00	ng		93
43)	C247	o-Xylene	17.53	106	532590	125.00	ng		89
44)	C245	Styrene	17.56	104	756584	125.00	ng		96
46)	C966	Isopropylbenzene	18.09	105	1741607	125.00	ng		98
47)	C225	1,1,2,2-Tetrachloroe	18.65	83	198121	125.00	ng		88
49)	C180	Bromoform	17.90	173	141740	125.00	ng		96
50)	C260	1,3-Dichlorobenzene	20.03	146	773591	125.00	ng		97
51)	C267	1,4-Dichlorobenzene	20.16	146	760115	125.00	ng		97
52)	C249	1,2-Dichlorobenzene	20.74	146	597829	125.00	ng		96
53)	C286	1,2-Dibromo-3-Chloro	21.96	75	31290	125.00	ng		86
54)	C313	1,2,4-Trichlorobenze	23.16	180	474612	124.99	ng		93

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7911.D Vial: 2
Acq On : 31 Jul 2004 11:10 Operator: PC
Sample : VSTD010 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7912.D (31 Jul 2004 11:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.36	114	874979	125.00	ng		-0.02 99.62%
24) CI20	D5-Chlorobenzene	16.50	117	662576	125.00	ng		-0.02 100.21%
48) CI30	D4-1,4-Dichlorobenze	20.11	152	387323	125.00	ng		-0.02 101.33%
System Monitoring Compounds								
45) CS10	p-Bromofluorobenzene	18.35	174	582347	216.87	ng		-0.02
Spiked Amount	125.000	Range	80 - 120		Recovery =		173.50%#	
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.86	85	528227	244.29	ng		100
3) C010	Chloromethane	2.11	50	360362	243.95	ng		99
4) C015	Bromomethane	2.70	94	204852	285.00	ng		98
5) C020	Vinyl Chloride	2.25	62	412029	240.13	ng		97
6) C025	Chloroethane	2.84	64	295268	238.01	ng		99
7) C275	Trichlorotrifluorome	3.18	101	1183499	238.96	ng		98
8) C030	Methylene Chloride	4.96	84	420994	235.64	ng	#	86
9) C035	Acetone	4.23	43	126710	1206.92	ng		83
10) C040	Carbon Disulfide	4.36	76	1495832	259.02	ng		100
11) C045	1,1-Dichloroethene	4.00	96	526702	245.72	ng		98
12) C962	T-butyl Methyl Ether	5.48	73	651623	243.86	ng		91
13) C050	1,1-Dichloroethane	6.51	63	1154910	239.80	ng		99
14) C057	trans-1,2-dichloroet	5.48	96	677828	244.94	ng		94
15) C056	cis-1,2-Dichloroethe	8.24	96	612023	250.72	ng		93
16) C060	Chloroform	9.21	83	1164386	247.12	ng		96
17) C222	Bromochloromethane	8.93	128	214144	253.62	ng		93
18) C065	1,2-Dichloroethane	10.58	62	397524	245.32	ng		57
19) C110	2-Butanone	8.43	43	249583	1240.30	ng		86
20) C255	Methyl Acetate	4.80	43	105687	242.79	ng		99
21) C291	1,1,2 Trichloro-1,2,	3.96	101	1065320	251.79	ng		91
22) C256	Cyclohexane	9.51	56	1065755	266.28	ng		97
23) C012	Methylcyclohexane	12.10	83	1086197	255.91	ng		92
25) C115	1,1,1-Trichloroethan	9.49	97	1204544	243.53	ng		99
26) C120	Carbon Tetrachloride	9.88	117	1139984	243.28	ng		99
27) C150	Trichloroethene	11.84	95	844617	237.19	ng	#	80
28) C130	Bromodichloromethane	12.91	83	837324	248.91	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7911.D Vial: 2
Acq On : 31 Jul 2004 11:10 Operator: PC
Sample : VSTD010 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	12.30	63	568152	239.74	ng		100
30)	C145	cis-1,3-Dichloroprop	13.69	75	719799	247.18	ng		99
31)	C165	Benzene	10.40	78	1819534	243.51	ng		100
32)	C155	Dibromochloromethane	15.63	129	570754	256.16	ng		96
33)	C170	trans-1,3-Dichloropr	14.69	75	488072	253.70	ng		93
34)	C160	1,1,2-Trichloroethan	15.00	83	286093	246.04	ng		96
35)	C220	Tetrachloroethene	15.10	166	1081632	240.49	ng		95
36)	C163	1,2-Dibromoethane	15.78	109	369486	254.11	ng		97
37)	C210	4-Methyl-2-Pentanone	13.99	43	949896	1213.30	ng	#	74
38)	C215	2-Hexanone	15.40	43	634407	1261.73	ng		96
39)	C230	Toluene	14.20	91	2153648	239.75	ng		92
40)	C235	Chlorobenzene	16.54	112	1529098	238.62	ng		99
41)	C240	Ethylbenzene	16.70	91	2805906	239.56	ng		100
42)	C246	m,p-Xylene	16.89	106	2303216	477.86	ng		95
43)	C247	o-Xylene	17.51	106	1037138	242.92	ng		89
44)	C245	Styrene	17.55	104	1500673	247.43	ng		98
46)	C966	Isopropylbenzene	18.08	105	3355502	240.34	ng		100
47)	C225	1,1,2,2-Tetrachloroe	18.65	83	389357	245.15	ng		85
49)	C180	Bromoform	17.89	173	295639	257.31	ng		93
50)	C260	1,3-Dichlorobenzene	20.01	146	1484915	236.80	ng		97
51)	C267	1,4-Dichlorobenzene	20.15	146	1465471	237.84	ng		98
52)	C249	1,2-Dichlorobenzene	20.71	146	1149822	237.27	ng		96
53)	C286	1,2-Dibromo-3-Chloro	21.95	75	69364	273.47	ng		89
54)	C313	1,2,4-Trichlorobenze	23.14	180	927103	240.96	ng		97

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7910.D Vial: 1
Acq On : 31 Jul 2004 10:38 Operator: PC
Sample : VSTD025 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7912.D (31 Jul 2004 11:43)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.38	114	838376	125.00	ng		-0.01 95.46%
24) CI20	D5-Chlorobenzene	16.50	117	620508	125.00	ng		-0.02 93.84%
48) CI30	D4-1,4-Dichlorobenze	20.11	152	349256	125.00	ng		-0.02 91.37%
System Monitoring Compounds								
45) CS10	p-Bromofluorobenzene	18.35	174	1246734	495.77	ng		-0.02
Spiked Amount 125.000	Range 80 - 120			Recovery = 396.62%#				
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.94	85	1383359	667.69	ng		99
3) C010	Chloromethane	2.19	50	797889	563.72	ng		96
4) C015	Bromomethane	2.76	94	421774	612.42	ng		97
5) C020	Vinyl Chloride	2.33	62	1075175	653.98	ng		97
6) C025	Chloroethane	2.91	64	773325	650.58	ng		98
7) C275	Trichlorotrifluorome	3.26	101	3219569	678.45	ng		98
8) C030	Methylene Chloride	5.03	84	987687	576.96	ng	#	81
9) C035	Acetone	4.28	43	264360	2627.98	ng		79
10) C040	Carbon Disulfide	4.44	76	4006278	724.02	ng		100
11) C045	1,1-Dichloroethene	4.08	96	1374414	669.20	ng		97
12) C962	T-butyl Methyl Ether	5.54	73	1444080	564.02	ng		90
13) C050	1,1-Dichloroethane	6.56	63	2877619	623.58	ng		99
14) C057	trans-1,2-dichloroet	5.54	96	1727048	651.34	ng		95
15) C056	cis-1,2-Dichloroethe	8.29	96	1512677	646.74	ng		97
16) C060	Chloroform	9.26	83	2947131	652.78	ng		99
17) C222	Bromochloromethane	8.99	128	417206	515.68	ng		96
18) C065	1,2-Dichloroethane	10.60	62	994369	640.43	ng		57
19) C110	2-Butanone	8.44	43	552641	2866.25	ng		88
20) C255	Methyl Acetate	4.85	43	256025	613.83	ng		95
21) C291	1,1,2 Trichloro-1,2,	4.04	101	2797703	690.10	ng		90
22) C256	Cyclohexane	9.56	56	2708122	706.16	ng		94
23) C012	Methylcyclohexane	12.11	83	2782424	684.16	ng		93
25) C115	1,1,1-Trichloroethan	9.53	97	3199919	690.80	ng		97
26) C120	Carbon Tetrachloride	9.90	117	3088934	703.90	ng		98
27) C150	Trichloroethene	11.86	95	2209458	662.54	ng	#	83
28) C130	Bromodichloromethane	12.93	83	2120504	673.09	ng		98

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7910.D Vial: 1
Acq On : 31 Jul 2004 10:38 Operator: PC
Sample : VSTD025 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 13:18 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	12.33	63	1372583	618.45	ng		96
30)	C145	cis-1,3-Dichloroprop	13.70	75	1789478	656.16	ng		96
31)	C165	Benzene	10.44	78	4600733	657.45	ng		100
32)	C155	Dibromochloromethane	15.64	129	1404606	673.14	ng		96
33)	C170	trans-1,3-Dichloropr	14.70	75	1213640	673.63	ng		92
34)	C160	1,1,2-Trichloroethan	15.00	83	700280	643.08	ng		98
35)	C220	Tetrachloroethene	15.11	166	2802366	665.33	ng		97
36)	C163	1,2-Dibromoethane	15.79	109	890764	654.15	ng		100
37)	C210	4-Methyl-2-Pentanone	14.00	43	2180978	2974.62	ng	#	75
38)	C215	2-Hexanone	15.41	43	1475541	3133.56	ng		97
39)	C230	Toluene	14.21	91	5579446	663.24	ng		92
40)	C235	Chlorobenzene	16.55	112	3764477	627.29	ng		100
41)	C240	Ethylbenzene	16.70	91	7215109	657.77	ng		97
42)	C246	m,p-Xylene	16.89	106	5729865	1269.40	ng		96
43)	C247	o-Xylene	17.51	106	2583212	646.06	ng		88
44)	C245	Styrene	17.56	104	3651188	642.81	ng		97
46)	C966	Isopropylbenzene	18.08	105	8649110	661.49	ng		99
47)	C225	1,1,2,2-Tetrachloroe	18.65	83	911175	612.60	ng		85
49)	C180	Bromoform	17.89	173	715067	690.20	ng		95
50)	C260	1,3-Dichlorobenzene	20.01	146	3494774	618.05	ng		96
51)	C267	1,4-Dichlorobenzene	20.15	146	3515558	632.75	ng		97
52)	C249	1,2-Dichlorobenzene	20.73	146	2719323	622.30	ng		96
53)	C286	1,2-Dibromo-3-Chloro	21.95	75	174458	762.79	ng	#	80
54)	C313	1,2,4-Trichlorobenze	23.15	180	2107679	607.50	ng		98

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

LOW CONCENTRATION VOLATILES, 10/92
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A4I0000692-1

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

Intrument ID: HP5973P Calibration Dates(s): 07/29/2004 07/29/2004

Heated Purge (Y/N): N Calibration Times: 22:48 23:55

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

Lab File ID: RRF1 = P6798.RR RRF2 = P6797.RR
RRF5 = P6796.RR RRF10 = P6795.RR RRF25 = P6794.RR

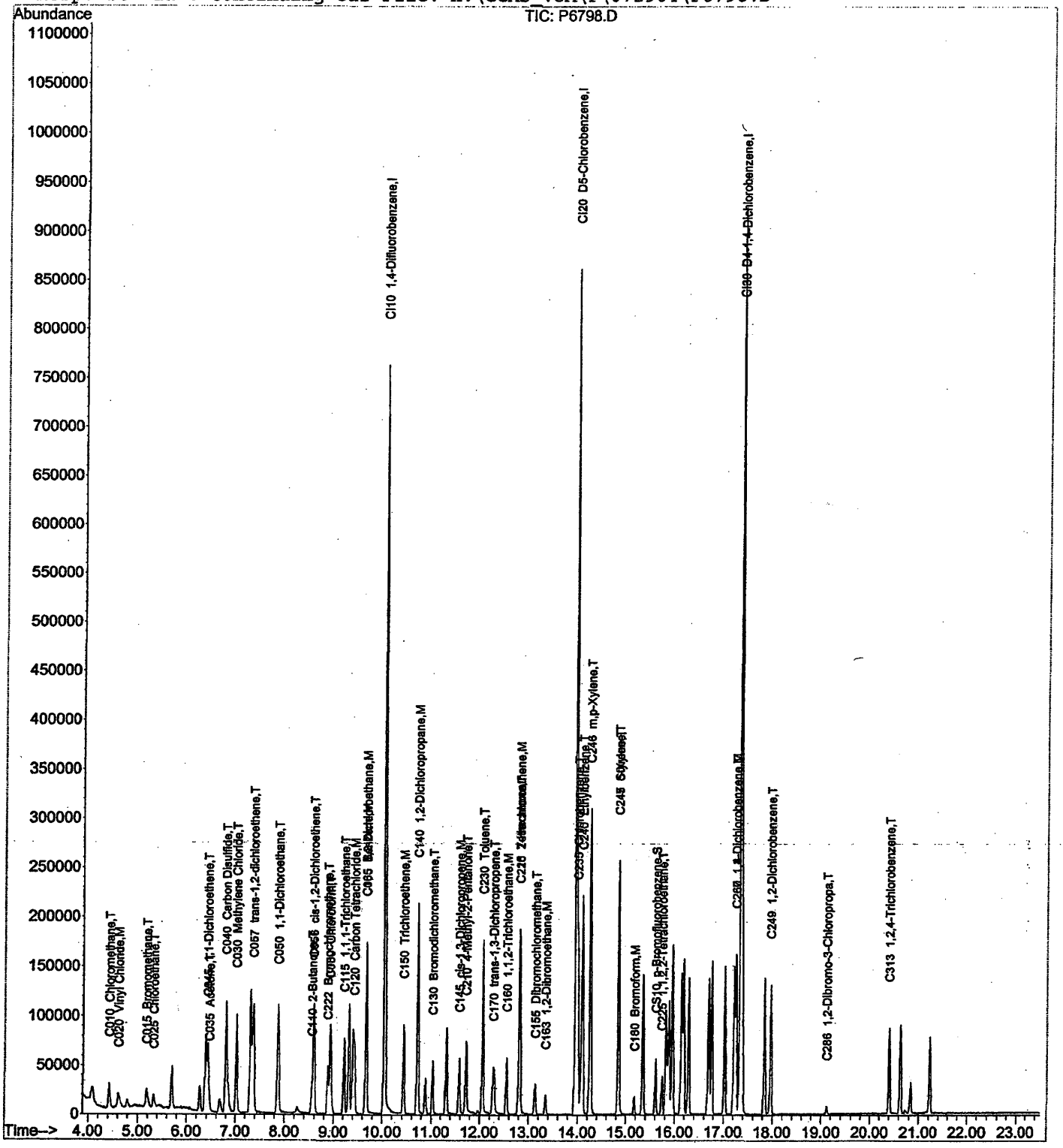
COMPOUND		RRF1	RRF2	RRF5	RRF10	RRF25	AVG RRF	% RSD
Vinyl chloride	*	0.229	0.205	0.204	0.214	0.205	0.2110	5.100*
Chloroethane		0.123	0.118	0.116	0.119	0.117	0.1190	2.400
1,1-Dichloroethane	*	0.548	0.551	0.543	0.539	0.564	0.5490	1.700*
1,1,1-Trichloroethane	*	0.502	0.501	0.494	0.482	0.531	0.5020	3.500*
Trichloroethene	*	0.294	0.303	0.298	0.298	0.326	0.3040	4.200*
Tetrachloroethene	*	0.379	0.381	0.366	0.355	0.367	0.3700	2.900*
Chlorobenzene	*	0.978	0.969	0.923	0.906	0.940	0.9430	3.200*
1,2-Dichloroethene (Total)		0.279	0.291	0.298	0.299	0.312	0.2960	4.000
p-Bromofluorobenzene	*	0.168	0.206	0.370	0.326	0.291	0.2720	30.700*

Comments:

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\072904\P6798.D Vial: 6
Acq On : 30 Jul 2004 1:02 Operator: PC
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 9:31 2004 Quant Results File: A4I00692.RES

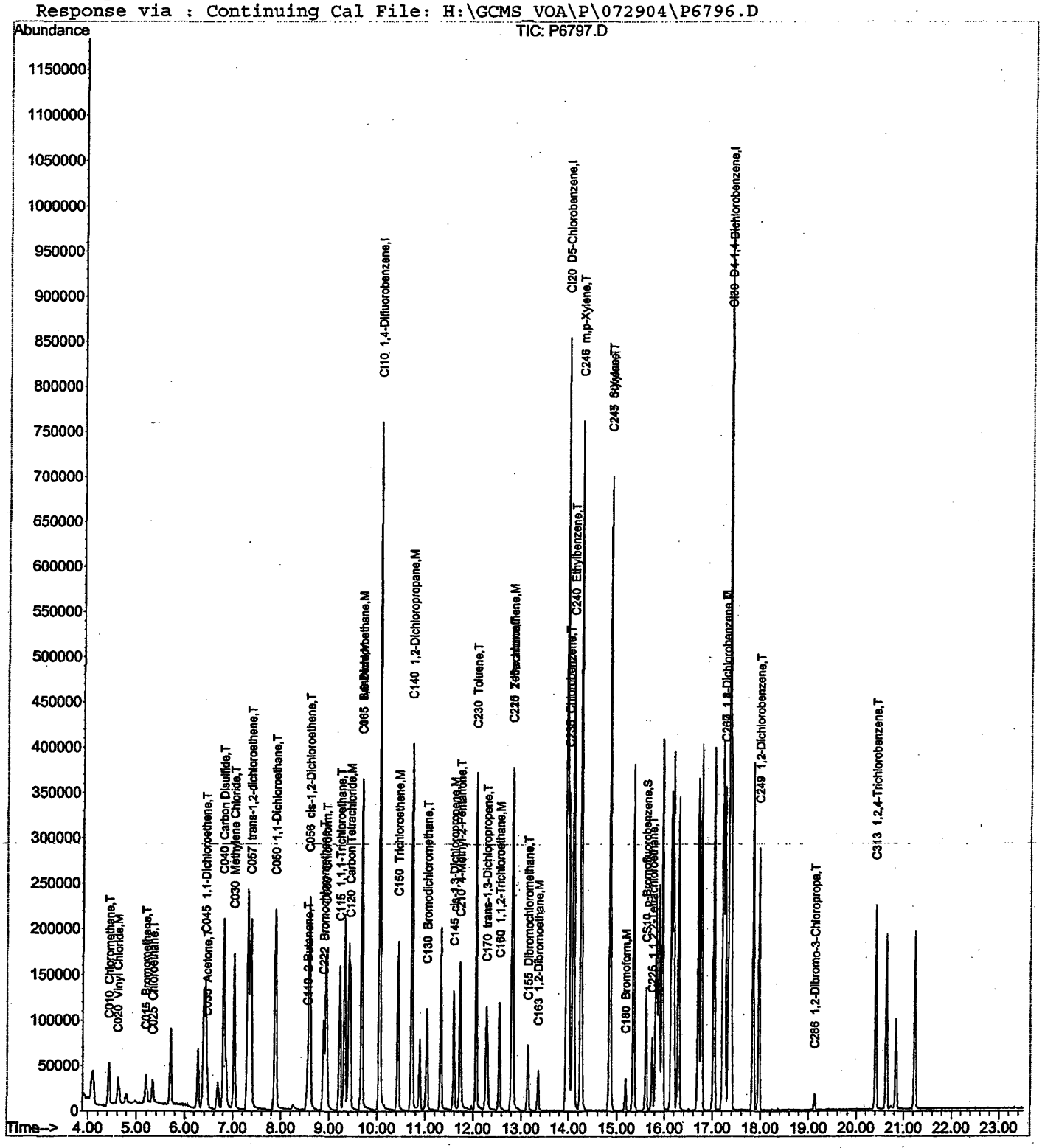
Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\072904\P6796.D



Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\072904\P6797.D Vial: 5
Acq On : 30 Jul 2004 00:28 Operator: PC
Sample : VSTD002 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 9:30 2004 Quant Results File: A4I00692.RES

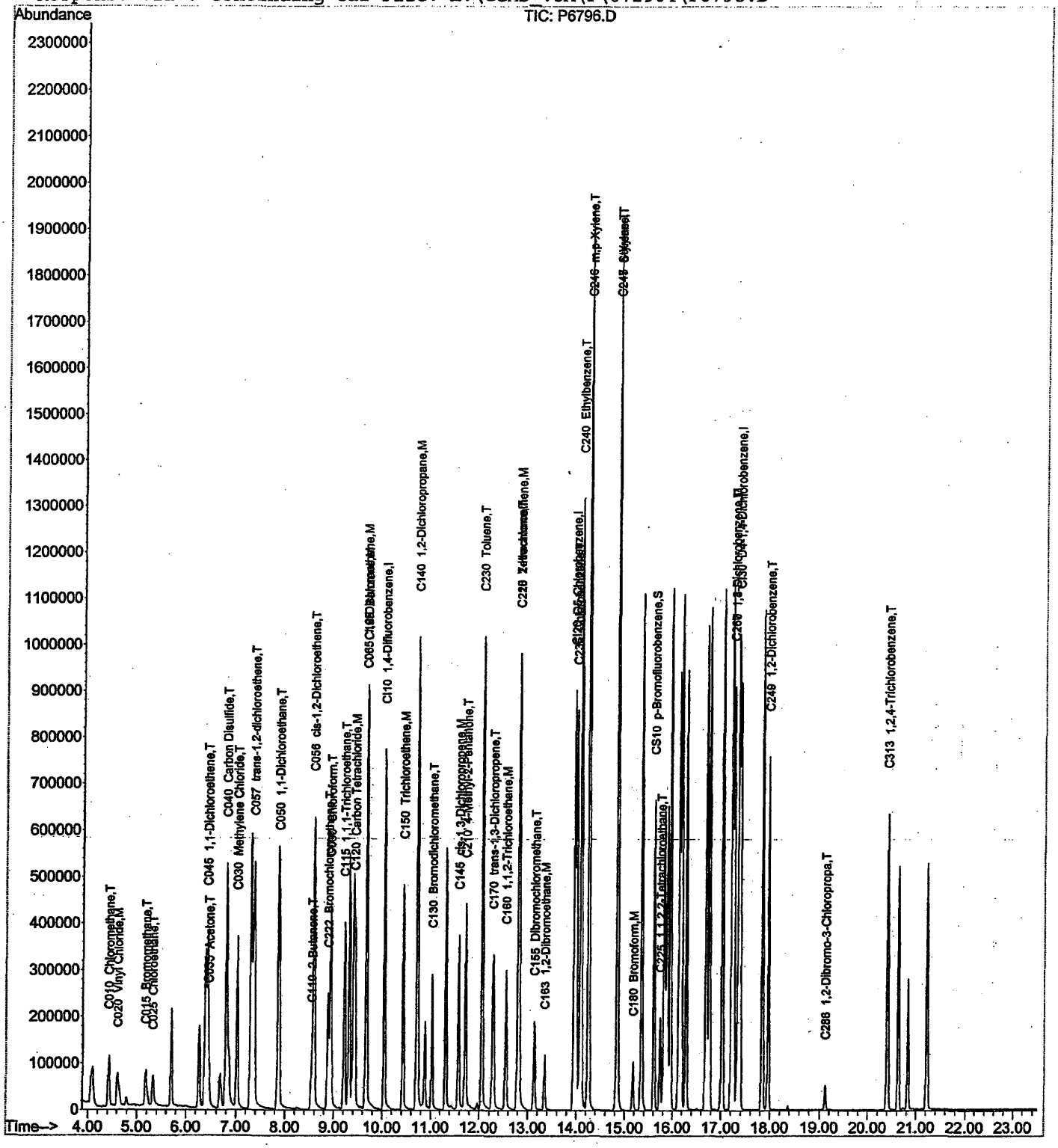
Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\072904\P6796.D



Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\072904\P6796.D Vial: 4
Acq On : 29 Jul 2004 23:55 Operator: PC
Sample : VSTD005 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 9:30 2004 Quant Results File: A4I00692.RES

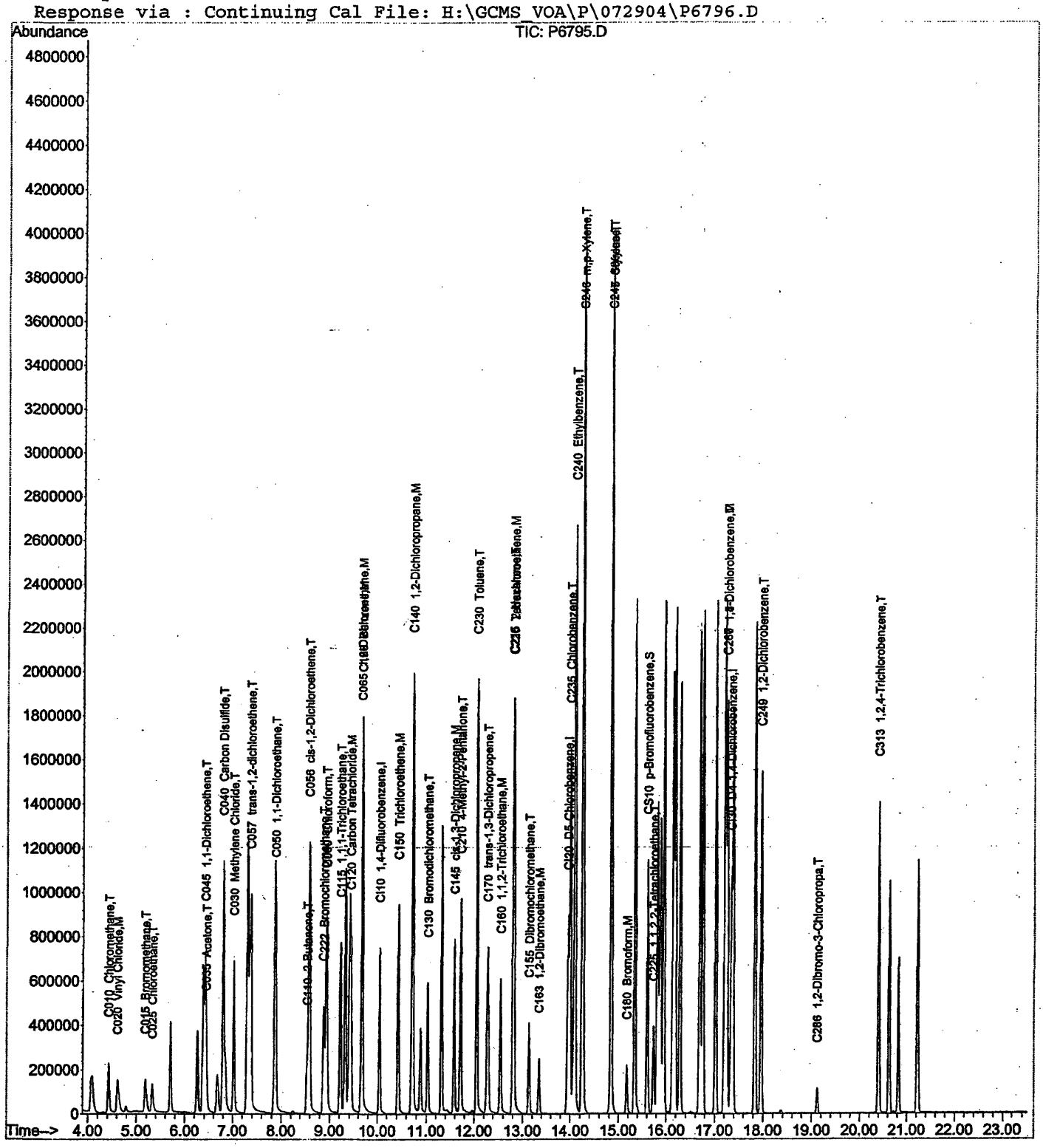
Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\072904\P6796.D



Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\072904\P6795.D Vial: 3
Acq On : 29 Jul 2004 23:21 Operator: PC
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 9:30 2004 Quant Results File: A4I00692.RES

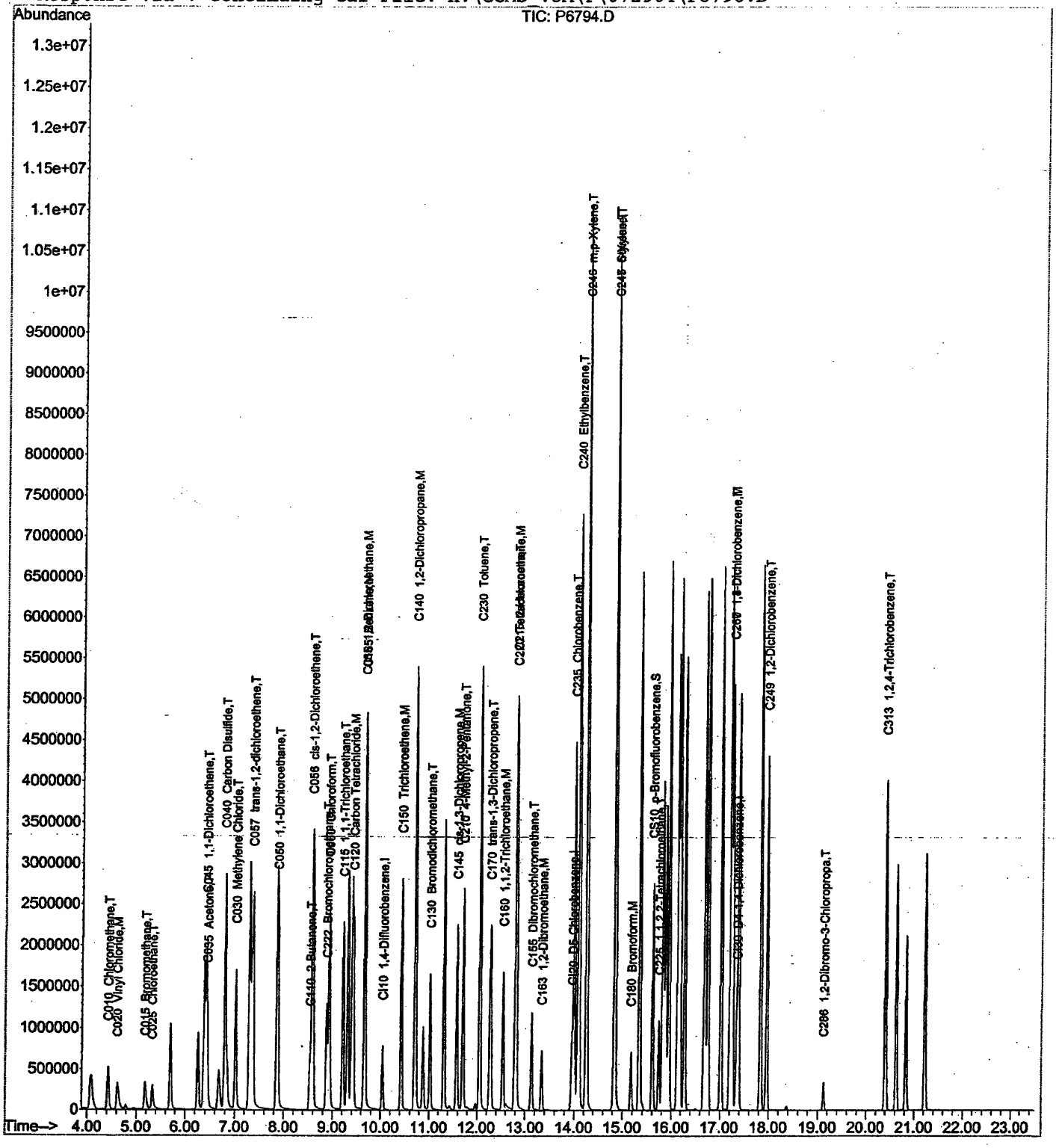
Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\072904\P6796.D



Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\072904\P6794.D Vial: 2
Acq On : 29 Jul 2004 22:48 Operator: PC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 9:30 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\072904\P6796.D



Response Factor Report HP5973 P

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Continuing Calibration

(A4I...692) A5900 25 mL

Calibration Files
1 =P6798.D 2 =P6797.D 3 =P6796.D
4 =P6795.D 5 =P6794.D

		Compound	1	2	3	4	5	Avg	%RSD
1)	I	CI10 1,4-Difluoroben	----------ISTD----------						
2)	T	C010 Chloromethane	0.271	0.246	0.238	0.245	0.234	0.247	5.91
3)	T	C015 Bromomethane	0.135	0.123	0.116	0.116	0.111	0.120	7.76
4)	M	C020 Vinyl Chloride	0.229	0.205	0.204	0.214	0.205	0.211	5.13
5)	T	C025 Chloroethane	0.123	0.118	0.116	0.119	0.117	0.119	2.41
6)	T	C030 Methylene Chlor	0.431	0.360	0.303	0.286	0.279	0.332	19.20
7)	T	C035 Acetone	0.044	0.038	0.033	0.035	0.033	0.037	12.98
8)	T	C040 Carbon Disulfid	1.065	0.879	0.877	0.894	0.898	0.922	8.71
9)	T	C045 1,1-Dichloroeth	0.231	0.238	0.246	0.241	0.253	0.242	3.47
10)	T	C050 1,1-Dichloroeth	0.548	0.551	0.542	0.539	0.563	0.549	1.73
11)	T	C057 trans-1,2-dichl	0.283	0.292	0.292	0.285	0.302	0.291	2.59
12)	T	C056 cis-1,2-Dichlor	0.276	0.289	0.303	0.312	0.322	0.301	6.07
13)	T	C060 Chloroform	0.592	0.554	0.528	0.527	0.555	0.551	4.82
14)	T	C222 Bromochlorometh	0.117	0.119	0.116	0.115	0.118	0.117	1.54
15)	M	C065 1,2-Dichloroeth	0.319	0.331	0.311	0.320	0.333	0.323	2.79
16)	T	C110 2-Butanone	0.045	0.046	0.043	0.048	0.050	0.046	6.07
17)	I	CI20 D5-Chlorobenzen	----------ISTD----------						
18)	T	C115 1,1,1-Trichloro	0.502	0.501	0.494	0.482	0.530	0.502	3.54
19)	M	C120 Carbon Tetrachl	0.418	0.436	0.435	0.434	0.487	0.442	5.91
20)	M	C150 Trichloroethene	0.294	0.303	0.298	0.298	0.326	0.304	4.24
21)	T	C130 Bromodichlorome	0.365	0.386	0.371	0.369	0.398	0.378	3.70
22)	M	C140 1,2-Dichloropro	0.297	0.312	0.295	0.299	0.292	0.299	2.56
23)	M	C145 cis-1,3-Dichlor	0.338	0.382	0.404	0.429	0.469	0.404	12.27
24)	M	C165 Benzene	1.227	1.318	1.301	1.262	1.312	1.284	3.01
25)	T	C155 Dibromochlorome	0.192	0.210	0.208	0.221	0.249	0.216	9.68
26)	T	C170 trans-1,3-Dichl	0.260	0.305	0.322	0.354	0.394	0.327	15.43
27)	M	C160 1,1,2-Trichloro	0.186	0.205	0.189	0.196	0.210	0.197	5.13
28)	M	C220 Tetrachloroethe	0.379	0.381	0.366	0.355	0.367	0.370	2.91
29)	M	C163 1,2-Dibromoetha	0.135	0.153	0.151	0.159	0.174	0.154	9.07
30)	T	C210 4-Methyl-2-Pent	0.108	0.112	0.113	0.126	0.128	0.117	7.61
31)	T	C215 2-Hexanone	0.067	0.073	0.077	0.084	0.086	0.077	10.20
32)	T	C230 Toluene	1.306	1.392	1.409	1.399	1.476	1.397	4.34
33)	T	C235 Chlorobenzene	0.978	0.969	0.923	0.906	0.940	0.943	3.22
34)	T	C240 Ethylbenzene	1.385	1.539	1.602	1.642	1.731	1.580	8.17
35)	T	C246 m,p-Xylene	0.528	0.611	0.621	0.637	0.657	0.611	8.10
36)	T	C247 o-Xylene	0.439	0.551	0.581	0.606	0.636	0.563	13.44
37)	T	C245 Styrene	0.679	0.867	0.946	1.018	1.072	0.916	16.75
38)	S	CS10 p-Bromofluorobe	0.168	0.206	0.370	0.326	0.291	0.272	30.70
39)	T	C225 1,1,2,2-Tetrach	0.198	0.210	0.201	0.208	0.218	0.207	3.83
40)	I	CI30 D4-1,4-Dichloro	----------ISTD----------						
41)	M	C180 Bromoform	0.157	0.170	0.169	0.183	0.217	0.179	12.92
42)	T	C260 1,3-Dichloroben	1.348	1.398	1.352	1.352	1.432	1.376	2.71
43)	M	C267 1,4-Dichloroben	1.348	1.398	1.352	1.352	1.432	1.376	2.71
44)	T	C249 1,2-Dichloroben	1.091	1.156	1.142	1.151	1.220	1.152	4.01
45)	T	C286 1,2-Dibromo-3-C	0.047	0.050	0.050	0.052	0.059	0.052	8.94
46)	T	C313 1,2,4-Trichloro	0.576	0.667	0.713	0.778	0.853	0.717	14.73

Total Average %RSD 7.47

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6798.D Vial: 6
Acq On : 30 Jul 2004 1:02 Operator: PC
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:31:05 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072904\P6796.D (29 Jul 2004 23:55)

	Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.04	114	664480	125.00	ng		0.00 97.40%
17) CI20	D5-Chlorobenzene	13.95	117	589520	125.00	ng		0.00 94.53%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	331470	125.00	ng		0.00 91.91%
System Monitoring Compounds								
38) CS10	p-Bromofluorobenzene	15.61	174	19850	11.38	ng		0.00
Spiked Amount	125.000	Range 80 - 120		Recovery =	9.10%#			
Target Compounds								Qvalue
2) C010	Chloromethane	4.43	50	36077	28.51	ng		95
3) C015	Bromomethane	5.17	94	17949	29.11	ng		83
4) C020	Vinyl Chloride	4.61	62	30475	28.08	ng		98
5) C025	Chloroethane	5.33	64	16399	26.56	ng		91
6) C030	Methylene Chloride	7.02	84	57213	35.55	ng	#	76
7) C035	Acetone	6.46	43	29523	166.77	ng		98
8) C040	Carbon Disulfide	6.79	76	141543	30.38	ng		100
9) C045	1,1-Dichloroethene	6.42	96	30646	23.45	ng		93
10) C050	1,1-Dichloroethane	7.88	63	72769	25.23	ng		95
11) C057	trans-1,2-dichloroet	7.37	96	37557	24.17	ng		96
12) C056	cis-1,2-Dichloroethe	8.58	96	36690	22.77	ng		96
13) C060	Chloroform	8.92	83	78713	28.02	ng		96
14) C222	Bromochloromethane	8.88	128	15587	25.38	ng	#	73
15) C065	1,2-Dichloroethane	9.66	62	42412	25.66	ng		96
16) C110	2-Butanone	8.55	43	29582	130.12	ng		85
18) C115	1,1,1-Trichloroethan	9.22	97	59172	25.39	ng		94
19) C120	Carbon Tetrachloride	9.43	117	49282	24.46	ng		91
20) C150	Trichloroethene	10.42	95	34686	24.68	ng		96
21) C130	Bromodichloromethane	11.03	83	43009	24.55	ng		97
22) C140	1,2-Dichloropropane	10.72	63	35035	25.22	ng		98
23) C145	cis-1,3-Dichloroprop	11.58	75	39800	20.87	ng		99
24) C165	Benzene	9.68	78	144684	23.58	ng		100
25) C155	Dibromochloromethane	13.14	129	22690	23.15	ng		98
26) C170	trans-1,3-Dichloropr	12.27	75	30626	20.18	ng		97
27) C160	1,1,2-Trichloroethan	12.55	97	21973	24.69	ng		97
28) C220	Tetrachloroethene	12.82	166	44725	25.92	ng	#	93
29) C163	1,2-Dibromoethane	13.34	109	15953	22.35	ng		93
30) C210	4-Methyl-2-Pentanone	11.71	43	63605	119.58	ng		91
31) C215	2-Hexanone	12.80	43	39549	109.22	ng		99
32) C230	Toluene	12.06	91	154015	23.18	ng		98
33) C235	Chlorobenzene	14.00	112	115299	26.48	ng		98
34) C240	Ethylbenzene	14.10	91	163309	21.62	ng		96
35) C246	m,p-Xylene	14.25	106	124504	42.49	ng		98
36) C247	o-Xylene	14.84	106	51813	19.07	ng	#	83
37) C245	Styrene	14.85	104	80039	17.95	ng		86
39) C225	1,1,2,2-Tetrachloroe	15.74	83	23300	24.55	ng		94

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

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6798.D Vial: 6
Acq On : 30 Jul 2004 1:02 Operator: PC
Sample : VSTD001 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:31:05 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
41)	C180	Bromoform	15.18	173	10408	23.18	ng		98
42)	C260	1,3-Dichlorobenzene	17.26	146	89366	24.93	ng		99
43)	C267	1,4-Dichlorobenzene	17.26	146	89366	24.93	ng		94
44)	C249	1,2-Dichlorobenzene	17.96	146	72301	23.88	ng		92
45)	C286	1,2-Dibromo-3-Chloro	19.12	75	3106	23.37	ng	#	84
46)	C313	1,2,4-Trichlorobenze	20.40	180	38176	20.20	ng		94

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

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6797.D Vial: 5
Acq On : 30 Jul 2004 00:28 Operator: PC
Sample : VSTD002 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:30:52 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072904\P6796.D (29 Jul 2004 23:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.04	114	667251	125.00	ng		0.00 97.81%
17) CI20	D5-Chlorobenzene	13.95	117	589268	125.00	ng		0.00 94.49%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	344688	125.00	ng		0.00 95.58%
System Monitoring Compounds								
38) CS10	p-Bromofluorobenzene	15.61	174	48602	27.86	ng		0.00
Spiked Amount 125.000		Range 80 - 120		Recovery = 22.29%#				
Target Compounds								Qvalue
2) C010	Chloromethane	4.43	50	65627	51.65	ng		94
3) C015	Bromomethane	5.18	94	32732	52.87	ng		98
4) C020	Vinyl Chloride	4.61	62	54670	50.17	ng		99
5) C025	Chloroethane	5.33	64	31514	50.82	ng		97
6) C030	Methylene Chloride	7.02	84	96099	59.46	ng	#	83
7) C035	Acetone	6.46	43	50994	286.86	ng		97
8) C040	Carbon Disulfide	6.79	76	234473	50.11	ng		100
9) C045	1,1-Dichloroethene	6.43	96	63398	48.31	ng		96
10) C050	1,1-Dichloroethane	7.88	63	146943	50.74	ng		95
11) C057	trans-1,2-dichloroet	7.37	96	77892	49.93	ng		91
12) C056	cis-1,2-Dichloroethe	8.58	96	77234	47.73	ng		95
13) C060	Chloroform	8.92	83	147876	52.43	ng		100
14) C222	Bromochloromethane	8.87	128	31852	51.65	ng	#	66
15) C065	1,2-Dichloroethane	9.66	62	88297	53.20	ng		96
16) C110	2-Butanone	8.55	43	61226	268.18	ng		81
18) C115	1,1,1-Trichloroethan	9.22	97	118105	50.69	ng		98
19) C120	Carbon Tetrachloride	9.43	117	102767	51.02	ng		91
20) C150	Trichloroethene	10.42	95	71443	50.85	ng		98
21) C130	Bromodichloromethane	11.03	83	91026	51.99	ng		100
22) C140	1,2-Dichloropropane	10.72	63	73540	52.96	ng		93
23) C145	cis-1,3-Dichloroprop	11.58	75	89936	47.18	ng		100
24) C165	Benzene	9.68	78	310727	50.67	ng		100
25) C155	Dibromochloromethane	13.13	129	49395	50.42	ng		96
26) C170	trans-1,3-Dichloropr	12.27	75	71949	47.42	ng		100
27) C160	1,1,2-Trichloroethan	12.55	97	48331	54.34	ng		94
28) C220	Tetrachloroethene	12.82	166	89824	52.07	ng	#	94
29) C163	1,2-Dibromoethane	13.35	109	36027	50.50	ng		99
30) C210	4-Methyl-2-Pentanone	11.71	43	132169	248.58	ng		92
31) C215	2-Hexanone	12.80	43	85586	236.46	ng		95
32) C230	Toluene	12.06	91	328158	49.41	ng		97
33) C235	Chlorobenzene	14.00	112	228344	52.47	ng		99
34) C240	Ethylbenzene	14.09	91	362823	48.05	ng		98
35) C246	m,p-Xylene	14.25	106	287945	98.31	ng		95
36) C247	o-Xylene	14.84	106	129847	47.81	ng	#	89
37) C245	Styrene	14.84	104	204355	45.84	ng		91
39) C225	1,1,2,2-Tetrachloroe	15.74	83	49511	52.18	ng		99

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

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6797.D Vial: 5
Acq On : 30 Jul 2004 00:28 Operator: PC
Sample : VSTD002 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:30:52 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
41)	C180	Bromoform	15.17	173	23439	50.20	ng		93
42)	C260	1,3-Dichlorobenzene	17.25	146	192734	51.70	ng		98
43)	C267	1,4-Dichlorobenzene	17.25	146	192734	51.70	ng		96
44)	C249	1,2-Dichlorobenzene	17.96	146	159317	50.60	ng		94
45)	C286	1,2-Dibromo-3-Chloro	19.12	75	6947	50.26	ng	#	78
46)	C313	1,2,4-Trichlorobenze	20.40	180	91966	46.79	ng		98

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

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6796.D Vial: 4
Acq On : 29 Jul 2004 23:55 Operator: PC
Sample : VSTD005 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:30:39 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072904\P6796.D (29 Jul 2004 23:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.04	114	682184	125.00	ng		0.00 100.00%
17) CI20	D5-Chlorobenzene	13.95	117	623623	125.00	ng		0.00 100.00%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	360641	125.00	ng		0.00 100.00%
System Monitoring Compounds								
38) CS10	p-Bromofluorobenzene	15.61	174	230738	125.00	ng		0.00
Spiked Amount 125.000	Range 80 - 120			Recovery = 100.00%				
Target Compounds								Qvalue
2) C010	Chloromethane	4.43	50	162378	125.00	ng		96
3) C015	Bromomethane	5.17	94	79127	125.00	ng		97
4) C020	Vinyl Chloride	4.61	62	139253	125.00	ng		100
5) C025	Chloroethane	5.32	64	79246	125.00	ng		99
6) C030	Methylene Chloride	7.02	84	206556	125.00	ng	#	85
7) C035	Acetone	6.45	43	113589	625.00	ng		98
8) C040	Carbon Disulfide	6.79	76	597957	125.00	ng		100
9) C045	1,1-Dichloroethene	6.42	96	167699	125.00	ng		98
10) C050	1,1-Dichloroethane	7.88	63	370072	125.00	ng		100
11) C057	trans-1,2-dichloroet	7.37	96	199370	125.00	ng		93
12) C056	cis-1,2-Dichloroethe	8.58	96	206779	125.00	ng		98
13) C060	Chloroform	8.92	83	360458	125.00	ng		99
14) C222	Bromochloromethane	8.87	128	78810	125.00	ng	#	72
15) C065	1,2-Dichloroethane	9.66	62	212126	125.00	ng		98
16) C110	2-Butanone	8.54	43	145880	625.00	ng		86
18) C115	1,1,1-Trichloroethan	9.22	97	308206	125.00	ng		94
19) C120	Carbon Tetrachloride	9.43	117	271044	127.16	ng		92
20) C150	Trichloroethene	10.43	95	185859	125.00	ng		97
21) C130	Bromodichloromethane	11.03	83	231623	125.00	ng		97
22) C140	1,2-Dichloropropane	10.72	63	183702	125.00	ng		96
23) C145	cis-1,3-Dichloroprop	11.58	75	252191	125.00	ng		98
24) C165	Benzene	9.68	78	811215	125.00	ng		100
25) C155	Dibromochloromethane	13.13	129	129609	125.00	ng		97
26) C170	trans-1,3-Dichloropr	12.27	75	200711	125.00	ng		97
27) C160	1,1,2-Trichloroethan	12.55	97	117669	125.00	ng		99
28) C220	Tetrachloroethene	12.82	166	228190	125.00	ng	#	92
29) C163	1,2-Dibromoethane	13.35	109	94370	125.00	ng		99
30) C210	4-Methyl-2-Pentanone	11.71	43	351679	625.00	ng		90
31) C215	2-Hexanone	12.80	43	239409	625.00	ng		88
32) C230	Toluene	12.06	91	878635	125.00	ng		96
33) C235	Chlorobenzene	14.00	112	575657	125.00	ng		100
34) C240	Ethylbenzene	14.09	91	998963	125.00	ng		98
35) C246	m,p-Xylene	14.25	106	774921	250.00	ng		96
36) C247	o-Xylene	14.84	106	362320	126.05	ng	#	86
37) C245	Styrene	14.85	104	589728	125.00	ng		96
39) C225	1,1,2,2-Tetrachloroe	15.74	83	125515	125.00	ng		98

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

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6796.D Vial: 4
Acq On : 29 Jul 2004 23:55 Operator: PC
Sample : VSTD005 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:30:39 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
41)	C180	Bromoform	15.18	173	61063	125.00	ng		96
42)	C260	1,3-Dichlorobenzene	17.25	146	487600	125.00	ng		98
43)	C267	1,4-Dichlorobenzene	17.25	146	487600	125.00	ng		96
44)	C249	1,2-Dichlorobenzene	17.96	146	411799	125.00	ng		96
45)	C286	1,2-Dibromo-3-Chloro	19.12	75	18079	125.00	ng	#	80
46)	C313	1,2,4-Trichlorobenze	20.40	180	257032	125.00	ng		98

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

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6795.D Vial: 3
Acq On : 29 Jul 2004 23:21 Operator: PC
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:30:25 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072904\P6796.D (29 Jul 2004 23:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.04	114	667069	125.00	ng		0.00 97.78%
17) CI20	D5-Chlorobenzene	13.95	117	620674	125.00	ng		0.00 99.53%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	368158	125.00	ng		0.00 102.08%
System Monitoring Compounds								
38) CS10	p-Bromofluorobenzene	15.61	174	404603	220.23	ng		0.00
Spiked Amount 125.000	Range 80 - 120			Recovery = 176.18%#				
Target Compounds								Qvalue
2) C010	Chloromethane	4.43	50	326384	256.95	ng		95
3) C015	Bromomethane	5.17	94	155159	250.66	ng		98
4) C020	Vinyl Chloride	4.61	62	285819	262.38	ng		96
5) C025	Chloroethane	5.32	64	158735	256.06	ng		96
6) C030	Methylene Chloride	7.02	84	381750	236.26	ng	#	84
7) C035	Acetone	6.45	43	230440	1296.68	ng		99
8) C040	Carbon Disulfide	6.79	76	1192459	254.93	ng		100
9) C045	1,1-Dichloroethene	6.42	96	322111	245.54	ng		99
10) C050	1,1-Dichloroethane	7.88	63	718937	248.34	ng		98
11) C057	trans-1,2-dichloroet	7.37	96	380601	244.03	ng		94
12) C056	cis-1,2-Dichloroethe	8.58	96	416773	257.65	ng		97
13) C060	Chloroform	8.92	83	702855	249.26	ng		100
14) C222	Bromochloromethane	8.88	128	153315	248.68	ng	#	72
15) C065	1,2-Dichloroethane	9.66	62	426576	257.07	ng		99
16) C110	2-Butanone	8.54	43	323414	1417.01	ng		81
18) C115	1,1,1-Trichloroethan	9.21	97	598627	243.94	ng		95
19) C120	Carbon Tetrachloride	9.43	117	538908	254.03	ng		93
20) C150	Trichloroethene	10.42	95	370117	250.11	ng		99
21) C130	Bromodichloromethane	11.03	83	458341	248.53	ng		100
22) C140	1,2-Dichloropropane	10.72	63	371046	253.68	ng		97
23) C145	cis-1,3-Dichloroprop	11.58	75	533007	265.44	ng		99
24) C165	Benzene	9.67	78	1566019	242.45	ng		100
25) C155	Dibromochloromethane	13.13	129	274712	266.20	ng		98
26) C170	trans-1,3-Dichloropr	12.27	75	439199	274.83	ng		99
27) C160	1,1,2-Trichloroethan	12.55	97	243443	259.84	ng		94
28) C220	Tetrachloroethene	12.82	166	440610	242.51	ng	#	96
29) C163	1,2-Dibromoethane	13.35	109	197117	262.34	ng		98
30) C210	4-Methyl-2-Pentanone	11.71	43	779897	1392.61	ng		92
31) C215	2-Hexanone	12.80	43	519754	1363.31	ng		87
32) C230	Toluene	12.06	91	1736593	248.23	ng		97
33) C235	Chlorobenzene	14.00	112	1124278	245.29	ng		99
34) C240	Ethylbenzene	14.09	91	2038381	256.27	ng		97
35) C246	m,p-Xylene	14.25	106	1581108	512.51	ng		96
36) C247	o-Xylene	14.84	106	751750	262.77	ng	#	84
37) C245	Styrene	14.84	104	1263293	269.04	ng		94
39) C225	1,1,2,2-Tetrachloroe	15.74	83	257831	257.99	ng		96

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

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6795.D Vial: 3
Acq On : 29 Jul 2004 23:21 Operator: PC
Sample : VSTD010 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:30:25 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
41)	C180	Bromoform	15.18	173	135020	270.75	ng		100
42)	C260	1,3-Dichlorobenzene	17.25	146	995618	250.02	ng		98
43)	C267	1,4-Dichlorobenzene	17.25	146	995618	250.02	ng		96
44)	C249	1,2-Dichlorobenzene	17.96	146	847324	251.95	ng		95
45)	C286	1,2-Dibromo-3-Chloro	19.12	75	38456	260.46	ng	#	84
46)	C313	1,2,4-Trichlorobenze	20.40	180	572743	272.85	ng		96

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

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6794.D Vial: 2
Acq On : 29 Jul 2004 22:48 Operator: PC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:30:11 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072904\P6796.D (29 Jul 2004 23:55)

	Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	10.04	114	688698	125.00	ng		0.00 100.95%
17)	CI20	D5-Chlorobenzene	13.95	117	651558	125.00	ng		0.00 104.48%
40)	CI30	D4-1,4-Dichlorobenze	17.34	152	385486	125.00	ng		0.00 106.89%
	System Monitoring Compounds								
38)	CS10	p-Bromofluorobenzene	15.60	174	947964	491.53	ng		0.00
	Spiked Amount 125.000		Range 80 - 120		Recovery = 393.22%#				
	Target Compounds								Qvalue
2)	C010	Chloromethane	4.43	50	806089	614.67	ng		97
3)	C015	Bromomethane	5.17	94	381600	597.13	ng		94
4)	C020	Vinyl Chloride	4.61	62	704682	626.57	ng		99
5)	C025	Chloroethane	5.32	64	402023	628.14	ng		100
6)	C030	Methylene Chloride	7.02	84	961756	576.51	ng	#	83
7)	C035	Acetone	6.45	43	570716	3110.55	ng		100
8)	C040	Carbon Disulfide	6.79	76	3091659	640.18	ng		100
9)	C045	1,1-Dichloroethene	6.42	96	870655	642.83	ng		94
10)	C050	1,1-Dichloroethane	7.88	63	1940397	649.21	ng		99
11)	C057	trans-1,2-dichloroet	7.37	96	1040155	645.98	ng		94
12)	C056	cis-1,2-Dichloroethe	8.57	96	1109022	664.07	ng		98
13)	C060	Chloroform	8.92	83	1910340	656.20	ng		100
14)	C222	Bromochloromethane	8.87	128	406218	638.21	ng	#	74
15)	C065	1,2-Dichloroethane	9.66	62	1145448	668.60	ng		99
16)	C110	2-Butanone	8.53	43	854144	3624.83	ng		80
18)	C115	1,1,1-Trichloroethan	9.21	97	1728169	670.85	ng		96
19)	C120	Carbon Tetrachloride	9.43	117	1585484	711.94	ng		93
20)	C150	Trichloroethene	10.43	95	1063085	684.33	ng		97
21)	C130	Bromodichloromethane	11.02	83	1298123	670.52	ng		99
22)	C140	1,2-Dichloropropane	10.72	63	952788	620.53	ng		97
23)	C145	cis-1,3-Dichloroprop	11.58	75	1529362	725.54	ng		98
24)	C165	Benzene	9.67	78	4272794	630.17	ng		100
25)	C155	Dibromochloromethane	13.13	129	809631	747.36	ng		97
26)	C170	trans-1,3-Dichloropr	12.27	75	1282298	764.36	ng		100
27)	C160	1,1,2-Trichloroethan	12.54	97	683271	694.72	ng		94
28)	C220	Tetrachloroethene	12.82	166	1194893	626.49	ng	#	94
29)	C163	1,2-Dibromoethane	13.34	109	567256	719.16	ng		99
30)	C210	4-Methyl-2-Pentanone	11.71	43	2083958	3544.80	ng		90
31)	C215	2-Hexanone	12.80	43	1405276	3511.32	ng		86
32)	C230	Toluene	12.06	91	4809400	654.88	ng		97
33)	C235	Chlorobenzene	14.00	112	3062531	636.50	ng		99
34)	C240	Ethylbenzene	14.09	91	5638156	675.25	ng		97
35)	C246	m,p-Xylene	14.25	106	4281104	1321.93	ng		94
36)	C247	o-Xylene	14.84	106	2071699	689.82	ng	#	82
37)	C245	Styrene	14.84	104	3493149	708.67	ng		92
39)	C225	1,1,2,2-Tetrachloroe	15.74	83	710118	676.88	ng		97

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

Quantitation Report

Data File : H:\GCMS_VOA\P\072904\P6794.D Vial: 2
Acq On : 29 Jul 2004 22:48 Operator: PC
Sample : VSTD025 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 09:30:11 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:20:52 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
41)	C180	Bromoform	15.17	173	419005	802.45	ng		99
42)	C260	1,3-Dichlorobenzene	17.25	146	2760352	662.03	ng		98
43)	C267	1,4-Dichlorobenzene	17.25	146	2760352	662.03	ng		96
44)	C249	1,2-Dichlorobenzene	17.96	146	2352036	667.94	ng		96
45)	C286	1,2-Dibromo-3-Chloro	19.12	75	114305	739.38	ng	#	82
46)	C313	1,2,4-Trichlorobenze	20.40	180	1644255	748.10	ng		96

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

LOW CONCENTRATION VOLATILES, 10/92
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4C0002997-1

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

Lab File Id: L7916.RR Calibration Date: 07/31/2004 Time: 13:52

Intrument ID: I50L Init. Calib. Date(s): 07/31/2004 07/31/2004

Heated Purge (Y/N): N Init. Calib. Times: 09:53 12:48

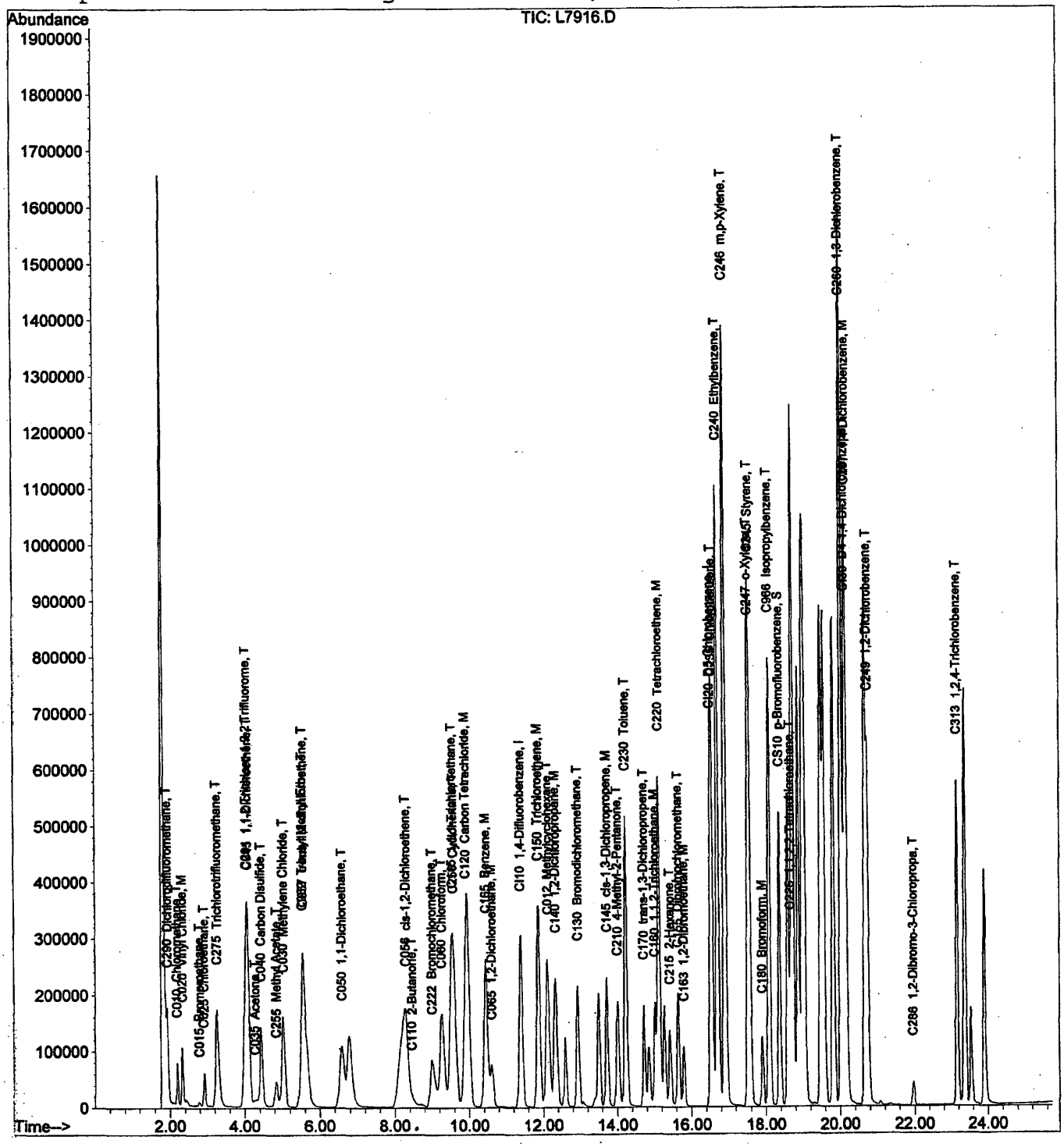
GC Column: DB-624 ID: 0.53 (mm)

COMPOUND	AVG RRF	RRF5	MIN RRF	% D	MAX % D
Vinyl chloride	0.2390	0.1817	0.1000	24.000	30.00
Chloroethane	0.1730	0.1338	0.0100	22.600	100.00
1,1-Dichloroethane	0.6540	0.6139	0.2000	6.100	30.00
1,1,1-Trichloroethane	0.8880	0.7764	0.1000	12.600	30.00
Trichloroethene	0.6380	0.5656	0.3000	11.300	30.00
Tetrachloroethene	0.8180	0.7215	0.2000	11.800	30.00
Chlorobenzene	1.1720	1.0992	0.5000	6.200	30.00
1,2-Dichloroethene (Total)	0.3630	0.3374	0.0100	7.000	30.00
p-Bromofluorobenzene	0.4040	0.5082	0.2000	-25.800	30.00

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7916.D Vial: 2
Acq On : 31 Jul 2004 13:52 Operator: PC
Sample : VSTD005 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 14:37 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 17 11:22:00 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7912.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7916.D Vial: 2
Acq On : 31 Jul 2004 13:52 Operator: PC
Sample : VSTD005 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 14:37 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Wed May 19 15:26:24 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7912.D (31 Jul 2004 11:43)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.39	114	872881	125.00	ng	0.00 99.39%
24) CI20	D5-Chlorobenzene	16.51	117	687143	125.00	ng	-0.01 103.92%
48) CI30	D4-1,4-Dichlorobenze	20.13	152	412046	125.00	ng	-0.01 107.79%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.36	174	349180	125.39	ng	-0.01
Spiked Amount 125.000	Range 80 - 120			Recovery = 100.31%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.94	85	200882	93.12	ng	96
3) C010	Chloromethane	2.19	50	119555	81.13	ng	100
4) C015	Bromomethane	2.79	94	12116	16.90	ng	97
5) C020	Vinyl Chloride	2.33	62	158629	92.67	ng	97
6) C025	Chloroethane	2.91	64	116835	94.40	ng	99
7) C275	Trichlorotrifluorome	3.26	101	469348	94.99	ng	99
8) C030	Methylene Chloride	5.04	84	222392	124.78	ng	94
9) C035	Acetone	4.28	43	50357	480.81	ng	83
10) C040	Carbon Disulfide	4.44	76	522746	90.74	ng	100
11) C045	1,1-Dichloroethene	4.09	96	226975	106.14	ng	100
12) C962	T-butyl Methyl Ether	5.54	73	291293	109.27	ng	91
13) C050	1,1-Dichloroethane	6.59	63	535837	111.53	ng	100
14) C057	trans-1,2-dichloroet	5.55	96	303608	109.98	ng	92
15) C056	cis-1,2-Dichloroethe	8.30	96	285416	117.21	ng	95
16) C060	Chloroform	9.26	83	555071	118.09	ng	99
17) C222	Bromochloromethane	9.00	128	92323	109.60	ng	98
18) C065	1,2-Dichloroethane	10.61	62	205117	126.89	ng	61
19) C110	2-Butanone	8.46	43	105110	523.60	ng	78
20) C255	Methyl Acetate	4.85	43	45406	104.56	ng	91
21) C291	1,1,2 Trichloro-1,2,	4.05	101	383879	90.95	ng	91
22) C256	Cyclohexane	9.57	56	372084	93.19	ng	93
23) C012	Methylcyclohexane	12.13	83	384744	90.86	ng	93
25) C115	1,1,1-Trichloroethan	9.55	97	533507	104.01	ng	99
26) C120	Carbon Tetrachloride	9.91	117	509405	104.82	ng	100
27) C150	Trichloroethene	11.86	95	388616	105.23	ng	85
28) C130	Bromodichloromethane	12.94	83	411627	117.99	ng	98

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7916.D Vial: 2
Acq On : 31 Jul 2004 13:52 Operator: PC
Sample : VSTD005 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 14:37 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Wed May 19 15:26:24 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7912.D 31 Jul 2004 11:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	12.34	63	275952	112.28	ng		98
30)	C145	cis-1,3-Dichloroprop	13.73	75	352173	116.61	ng		98
31)	C165	Benzene	10.45	78	852111	109.96	ng		98
32)	C155	Dibromochloromethane	15.65	129	283475	122.68	ng		93
33)	C170	trans-1,3-Dichloropr	14.71	75	239552	120.07	ng		96
34)	C160	1,1,2-Trichloroethan	15.01	83	147071	121.96	ng		96
35)	C220	Tetrachloroethene	15.13	166	495788	106.29	ng		97
36)	C163	1,2-Dibromoethane	15.80	109	187193	124.14	ng		97
37)	C210	4-Methyl-2-Pentanone	14.01	43	429559	529.06	ng	#	74
38)	C215	2-Hexanone	15.43	43	275353	528.05	ng		93
39)	C230	Toluene	14.23	91	1022215	109.73	ng		92
40)	C235	Chlorobenzene	16.56	112	755328	113.66	ng		100
41)	C240	Ethylbenzene	16.71	91	1326770	109.23	ng		98
42)	C246	m,p-Xylene	16.90	106	1082484	216.56	ng		95
43)	C247	o-Xylene	17.53	106	498572	112.60	ng		89
44)	C245	Styrene	17.56	104	739567	117.58	ng		95
46)	C966	Isopropylbenzene	18.09	105	1536098	106.09	ng		99
47)	C225	1,1,2,2-Tetrachloroe	18.66	83	207328	125.87	ng		88
49)	C180	Bromoform	17.90	173	145223	118.81	ng		96
50)	C260	1,3-Dichlorobenzene	20.03	146	744038	111.53	ng		97
51)	C267	1,4-Dichlorobenzene	20.16	146	749040	114.27	ng		97
52)	C249	1,2-Dichlorobenzene	20.74	146	600521	116.48	ng		97
53)	C286	1,2-Dibromo-3-Chloro	21.96	75	31677	117.40	ng	#	81
54)	C313	1,2,4-Trichlorobenze	23.16	180	461750	112.81	ng		98

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

LOW CONCENTRATION VOLATILES, 10/92
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4C0002996-1

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

Lab File Id: P6801.RR Calibration Date: 07/30/2004 Time: 15:32

Intrument ID: HP5973P Init. Calib. Date(s): 07/29/2004 07/29/2004

Heated Purge (Y/N): N Init. Calib. Times: 22:48 23:55

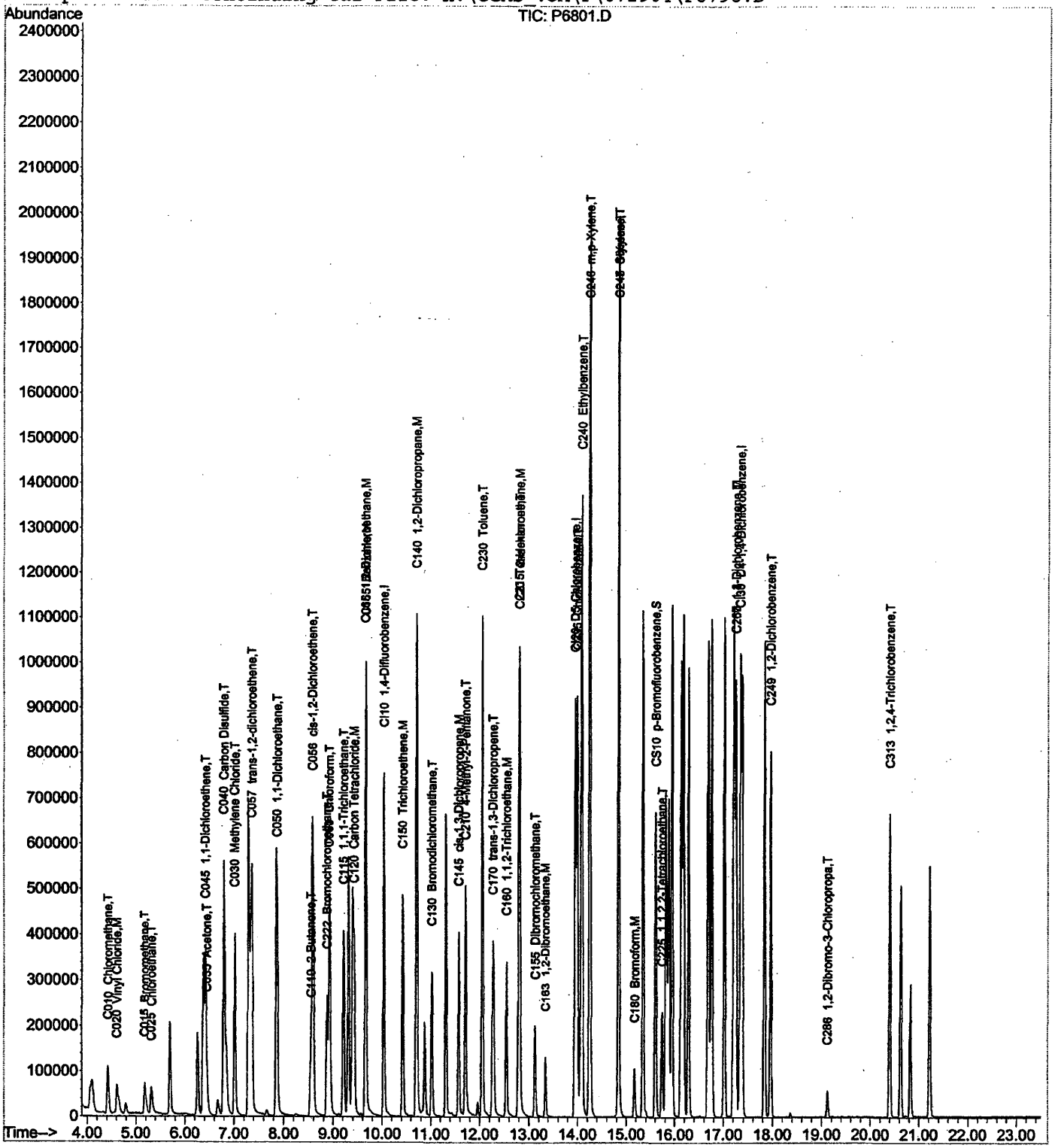
GC Column: DB-624 ID: 0.25(mm)

COMPOUND	AVG RRF	RRF5	MIN RRF	% D	MAX % D
Vinyl chloride	0.2110	0.2075	0.1000	1.600	30.00
Chloroethane	0.1190	0.1250	0.0100	-5.000	100.00
1,1-Dichloroethane	0.5490	0.6171	0.2000	-12.400	30.00
1,1,1-Trichloroethane	0.5020	0.4966	0.1000	1.100	30.00
Trichloroethene	0.3040	0.3272	0.3000	-7.600	30.00
Tetrachloroethene	0.3700	0.3570	0.2000	3.500	30.00
Chlorobenzene	0.9430	1.0262	0.5000	-8.800	30.00
1,2-Dichloroethene (Total)	0.2960	0.3214	0.0100	-8.600	30.00
p-Bromofluorobenzene	0.2720	0.3542	0.2000	-30.200	30.00

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\073004\P6801.D Vial: 10
Acq On : 30 Jul 2004 15:32 Operator: BJ
Sample : VSTD005 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 16:00 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:32:38 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\072904\P6796.D



Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6801.D Vial: 10
Acq On : 30 Jul 2004 15:32 Operator: BJ
Sample : VSTD005 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 16:00:51 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:32:38 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\072904\P6796.D (29 Jul 2004 23:55)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.04	114	648794	125.00	ng		0.00 95.11%
17) CI20	D5-Chlorobenzene	13.95	117	608501	125.00	ng		0.00 97.58%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	346718	125.00	ng		0.00 96.14%
System Monitoring Compounds								
38) CS10	p-Bromofluorobenzene	15.61	174	215561	119.68	ng		0.00
Spiked Amount 125.000	Range 80 - 120			Recovery = 95.74%				
Target Compounds								Qvalue
2) C010	Chloromethane	4.43	50	167816	135.83	ng		96
3) C015	Bromomethane	5.17	94	77998	129.56	ng		84
4) C020	Vinyl Chloride	4.61	62	134640	127.08	ng		99
5) C025	Chloroethane	5.32	64	81113	134.53	ng		98
6) C030	Methylene Chloride	7.02	84	224690	142.97	ng	#	84
7) C035	Acetone	6.45	43	136807	791.49	ng		98
8) C040	Carbon Disulfide	6.79	76	604574	132.89	ng		100
9) C045	1,1-Dichloroethene	6.42	96	155722	122.05	ng		97
10) C050	1,1-Dichloroethane	7.88	63	400355	142.19	ng		100
11) C057	trans-1,2-dichloroet	7.37	96	200405	132.12	ng		95
12) C056	cis-1,2-Dichloroethe	8.58	96	216688	137.73	ng		97
13) C060	Chloroform	8.92	83	401199	146.29	ng		97
14) C222	Bromochloromethane	8.87	128	82097	136.91	ng	#	77
15) C065	1,2-Dichloroethane	9.66	62	249736	154.74	ng		99
16) C110	2-Butanone	8.54	43	170010	765.87	ng		79
18) C115	1,1,1-Trichloroethan	9.21	97	302206	125.61	ng		97
19) C120	Carbon Tetrachloride	9.43	117	257858	121.87	ng		98
20) C150	Trichloroethene	10.43	95	199086	137.22	ng		91
21) C130	Bromodichloromethane	11.02	83	254603	140.82	ng		98
22) C140	1,2-Dichloropropane	10.72	63	205861	143.56	ng		94
23) C145	cis-1,3-Dichloroprop	11.58	75	275665	140.03	ng		99
24) C165	Benzene	9.67	78	856241	135.22	ng		100
25) C155	Dibromochloromethane	13.13	129	133453	131.91	ng		99
26) C170	trans-1,3-Dichloropr	12.27	75	227546	145.23	ng		96
27) C160	1,1,2-Trichloroethan	12.55	97	134087	145.98	ng		100
28) C220	Tetrachloroethene	12.82	166	217262	121.97	ng	#	93
29) C163	1,2-Dibromoethane	13.35	109	104345	141.65	ng		94
30) C210	4-Methyl-2-Pentanone	11.71	43	400705	729.83	ng		91
31) C215	2-Hexanone	12.80	43	271761	727.09	ng		92
32) C230	Toluene	12.06	91	941600	137.29	ng		98
33) C235	Chlorobenzene	14.00	112	624417	138.96	ng		97
34) C240	Ethylbenzene	14.09	91	1029560	132.03	ng		97
35) C246	m,p-Xylene	14.25	106	780857	258.18	ng		95
36) C247	o-Xylene	14.84	106	370490	131.00	ng	#	82
37) C245	Styrene	14.84	104	627889	136.40	ng		93
39) C225	1,1,2,2-Tetrachloroe	15.74	83	146059	149.07	ng		100

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

Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6801.D Vial: 10
Acq On : 30 Jul 2004 15:32 Operator: BJ
Sample : VSTD005 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 16:00:51 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 09:32:38 2004
Response via : Single (H:\GCMS_VOA\P\072904\P6796.D 29 Jul 2004 23:55)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
41)	C180	Bromoform	15.18	173	64880	138.15	ng		94
42)	C260	1,3-Dichlorobenzene	17.25	146	492501	131.33	ng		96
43)	C267	1,4-Dichlorobenzene	17.25	146	492501	131.33	ng		96
44)	C249	1,2-Dichlorobenzene	17.96	146	421383	133.05	ng		98
45)	C286	1,2-Dibromo-3-Chloro	19.12	75	20132	144.78	ng	#	74
46)	C313	1,2,4-Trichlorobenze	20.40	180	261065	132.06	ng		96

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

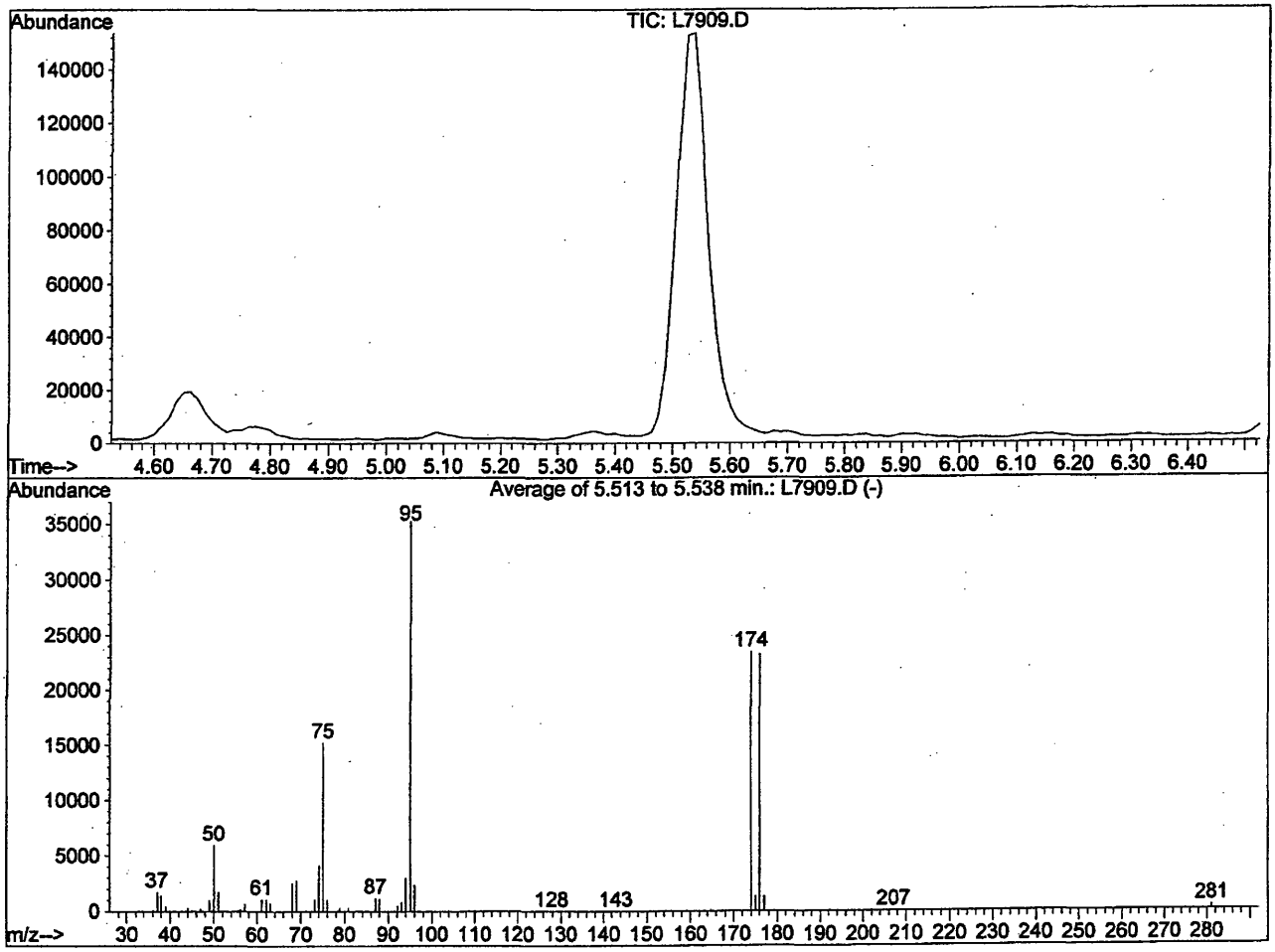
RAW QC DATA

695 225/433 2049

BFB Tune Evaluation

Data File : D:\ELINK\INSTR1\DATA\073104\L7909.D
Acq On : 31 Jul 2004 09:53
Sample : 0731BFBL1
Misc :
MS Integration Params: RTEINT.P
Method : D:\ELINK\INSTR1\QUANT\826025ML\A4I00650.M (RTE Integrator)
Title : 8260 25ML WATER

Vial: 1
Operator: PC
Inst : Finnigan
Multiplr: 1.00



Peak Apex is scan: 443 (5.53 min)
Average of 3 scans: 442,443,444 minus background scan 423 (5.28 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	16.9	5944	PASS
75	95	30	60	43.3	15261	PASS
95	95	100	100	100.0	35259	PASS
96	95	5	9	6.6	2341	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	66.6	23483	PASS
175	174	5	9	5.7	1340	PASS
176	174	95	101	99.0	23245	PASS
177	176	5	9	5.7	1322	PASS

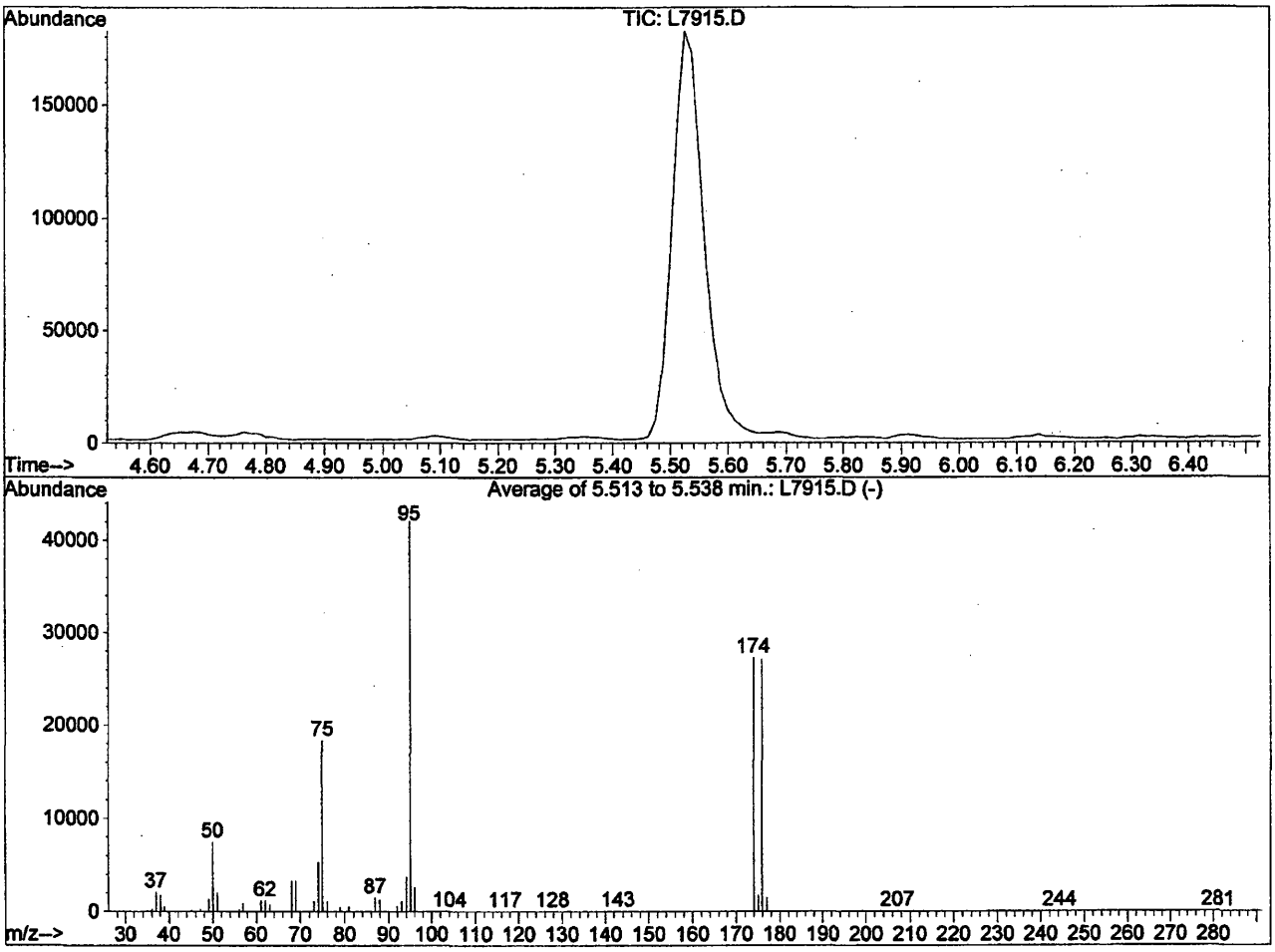
L7909.D A4I00650.M Sat Jul 31 10:06:05 2004 I50L

Average of 5.513 to 5.538 min.: L7909.D
0731BFBL1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.05	1743	63.00	740	92.05	487		
38.00	1396	68.00	2583	93.00	833		
39.00	433	69.00	2756	94.00	2984		
44.00	331	73.05	1064	95.00	35259		
47.00	218	74.05	4148	96.00	2341		
49.00	1005	75.00	15261	173.95	23483		
50.00	5944	76.00	1035	175.00	1340		
51.00	1775	78.90	295	176.00	23245		
57.05	672	80.90	332	177.00	1322		
61.00	1119	87.00	1196	281.10	393		
62.00	1096	87.95	1120				

CLP BFB RESULTS Tune Evaluation

Data File : D:\ELINK\INSTR1\DATA\073104\L7915.D Vial: 1
Acq On : 31 Jul 2004 13:21 Operator: PC
Sample : 0731BFBL2 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER



Peak Apex is scan: 443 (5.53 min)
Average of 3 scans: 442,443,444 minus background scan 423 (5.28 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	17.7	7453	PASS
75	95	30	60	43.6	18357	PASS
95	95	100	100	100.0	42056	PASS
96	95	5	9	6.2	2613	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	64.8	27264	PASS
175	174	5	9	6.3	1719	PASS
176	174	95	101	99.5	27115	PASS
177	176	5	9	5.2	1415	PASS

L7915.D A4I00695.M Sat Jul 31 13:32:54 2004 I50L

Average of 5.513 to 5.538 min.: L7915.D
0731BFBL2
Modified:subtracted

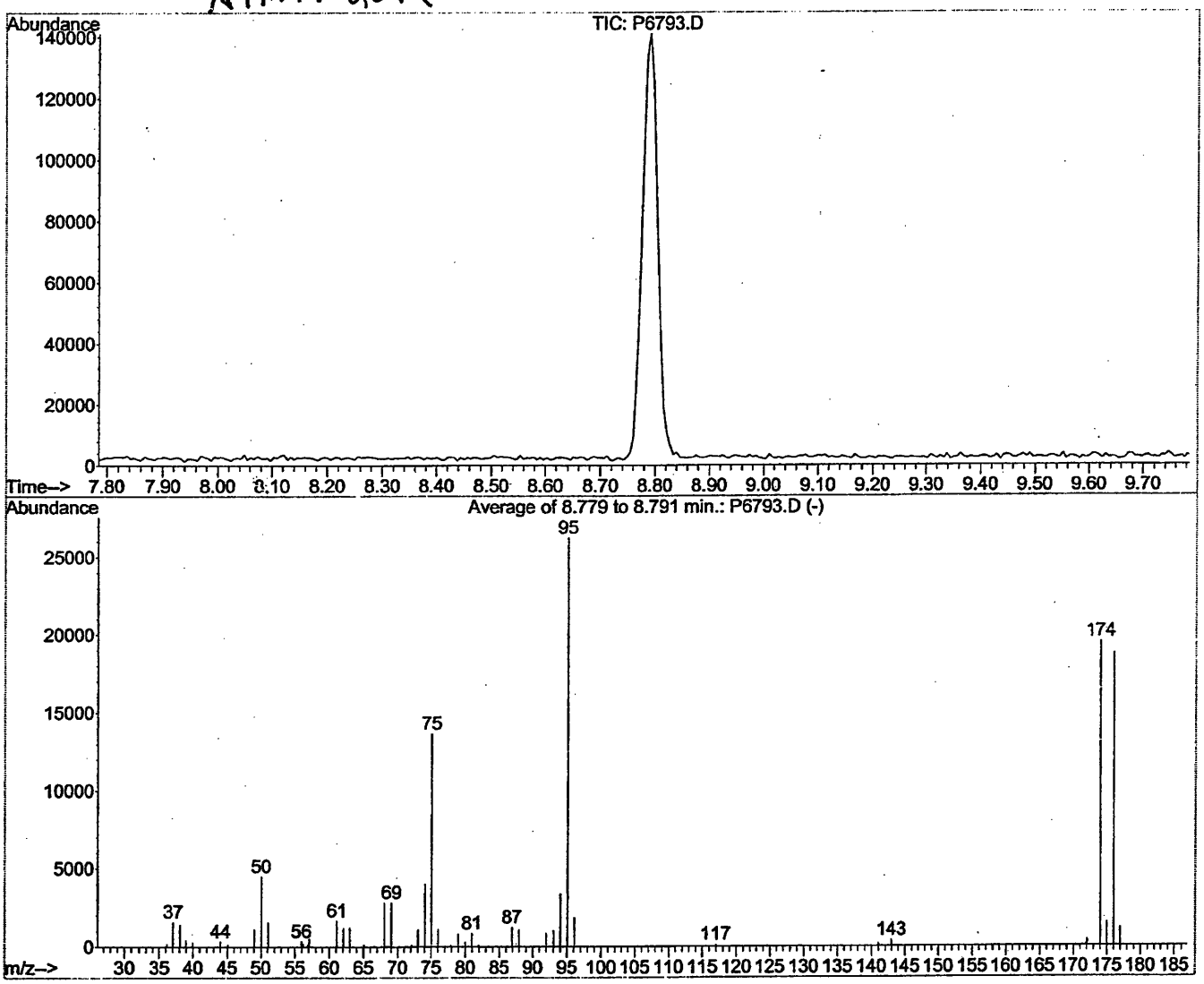
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	272	61.00	1140	86.95	1472		
37.00	2082	62.00	1182	87.95	1298		
38.05	1789	63.00	722	91.95	525		
39.00	491	68.00	3301	93.00	1058		
45.00	216	69.00	3307	94.05	3691		
47.00	293	73.05	1106	95.05	42056		
49.05	1366	74.05	5307	96.05	2613		
50.00	7453	75.00	18357	174.00	27264		
51.00	2020	76.00	1117	175.05	1719		
56.05	261	78.90	470	175.95	27115		
57.00	874	80.90	517	177.00	1415		

CLP BFB RESULTS Tune Evaluation

Data File : H:\GCMS_VOA\P\072904\P6793.D
Acq On : 29 Jul 2004 22:07
Sample : 0729BFBP2
Misc :
MS Integration Params: RTEINT2.P
Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I000XXX.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER

Vial: 1
Operator: PC
Inst : HP5973 P
Multiplr: 1.00

A4T... 2042



Peak Apex is scan: 790 (8.78 min)
Average of 3 scans: 789,790,791 minus background scan 770 (8.66 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	17.1	4477	PASS
75	95	30	60	52.1	13662	PASS
95	95	100	100	100.0	26242	PASS
96	95	5	9	7.1	1855	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	74.3	19485	PASS
175	174	5	9	7.6	1480	PASS
176	174	95	101	96.3	18770	PASS
177	176	5	9	6.1	1145	PASS

P6793.D A4I000XXX.M Thu Jul 29 22:18:40 2004 HP5973P

Average of 8.779 to 8.791 min.: P6793.D
0729BFBP2
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	184	56.20	202	75.05	13662	96.10	1855
37.05	1584	56.90	146	76.05	1122	141.00	156
38.10	1391	57.10	503	78.95	824	142.95	371
38.95	412	61.10	1651	80.00	276	171.90	136
39.95	283	62.05	1185	80.95	843	172.10	347
44.00	331	63.00	1212	86.90	1229	174.00	19485
45.10	134	65.10	148	87.95	1099	175.00	1480
49.05	1102	68.05	2800	92.00	849	176.00	18770
50.05	4477	69.05	2823	93.05	1028	176.95	1145
51.05	1578	73.05	1080	94.00	3390		
55.95	345	74.05	3997	95.05	26242		

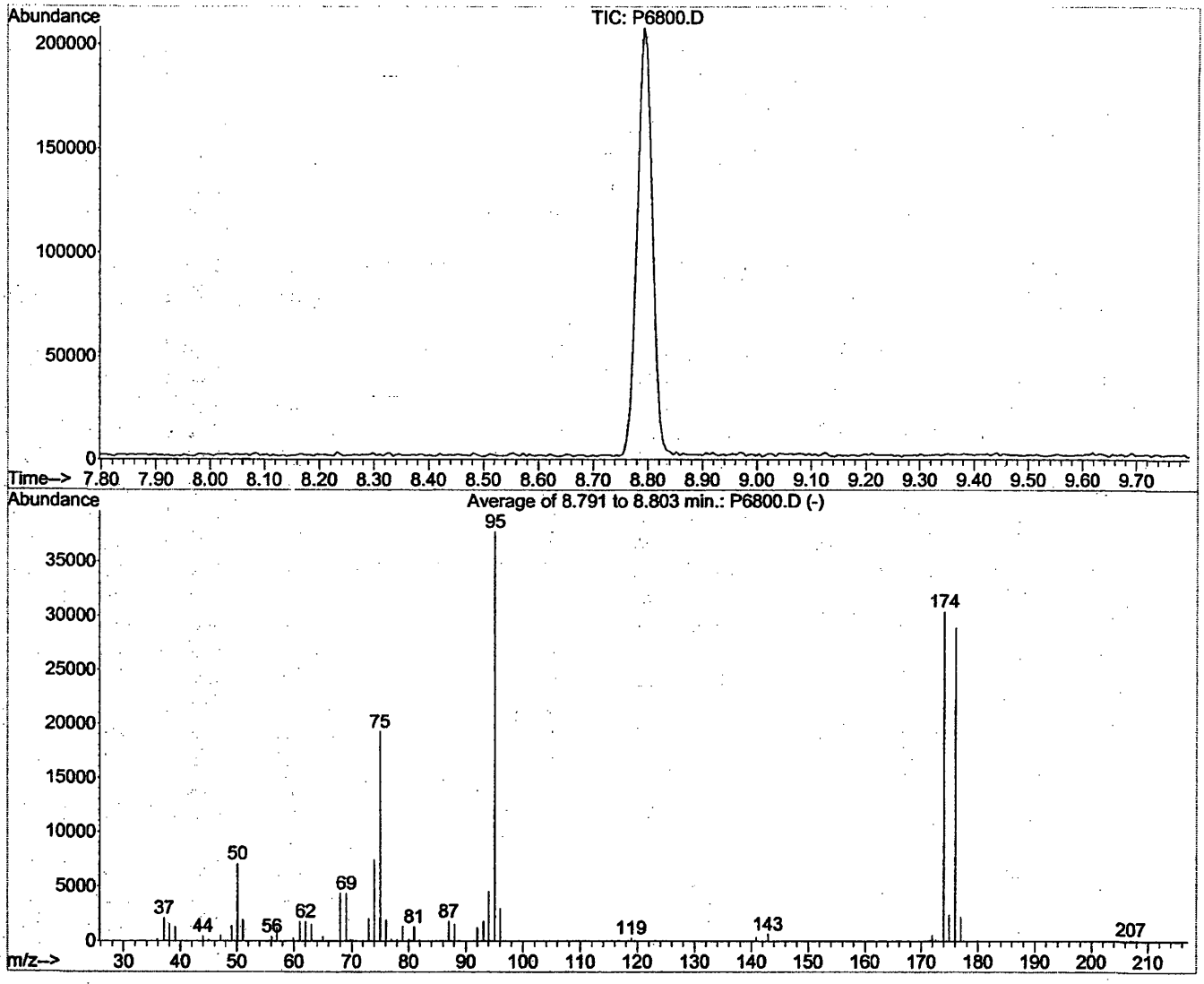
231/433

A4B13807

NBC

BFB Tune Evaluation

Data File : H:\GCMS_VOA\P\073004\P6800.D Vial: 9
Acq On : 30 Jul 2004 14:59 Operator: BJ
Sample : 0730BFBP1 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: events.e
Method : C:\MSDchem\1\methods\envdef.m (Chemstation Integrator)
Title :



Peak Apex is scan: 792 (8.80 min)
Average of 3 scans: 791,792,793 minus background scan 772 (8.68 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	18.8	7080	PASS
75	95	30	60	51.0	19249	PASS
95	95	100	100	100.0	37744	PASS
96	95	5	9	7.9	2965	PASS
173	174	0	2	0.5	145	PASS
174	95	50	100	80.5	30392	PASS
175	174	5	9	7.9	2391	PASS
176	174	95	101	95.1	28888	PASS
177	176	5	9	7.6	2204	PASS

P6800.D envdef.m Fri Jul 30 15:13:33 2004 HP5973P

Average of 8.791 to 8.803 min.: P6800.D
0730BFBP1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
35.90	191	59.90	271	79.00	1367	142.95	624
37.10	2092	61.05	1756	80.95	1312	171.95	566
38.05	1553	62.05	1769	87.00	1791	174.00	30392
39.05	1257	63.05	1505	88.05	1524	174.95	2391
44.00	432	65.00	429	92.00	1209	176.00	28888
47.10	488	68.00	4348	93.05	1798	176.95	2204
49.05	1390	69.05	4352	94.05	4522		
50.10	7080	73.05	2042	95.10	37744		
51.05	1933	74.00	7451	96.05	2965		
56.10	411	75.00	19249	118.95	268		
57.00	1210	76.05	1886	140.85	350		

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK32

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4B1380701

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6802.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

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

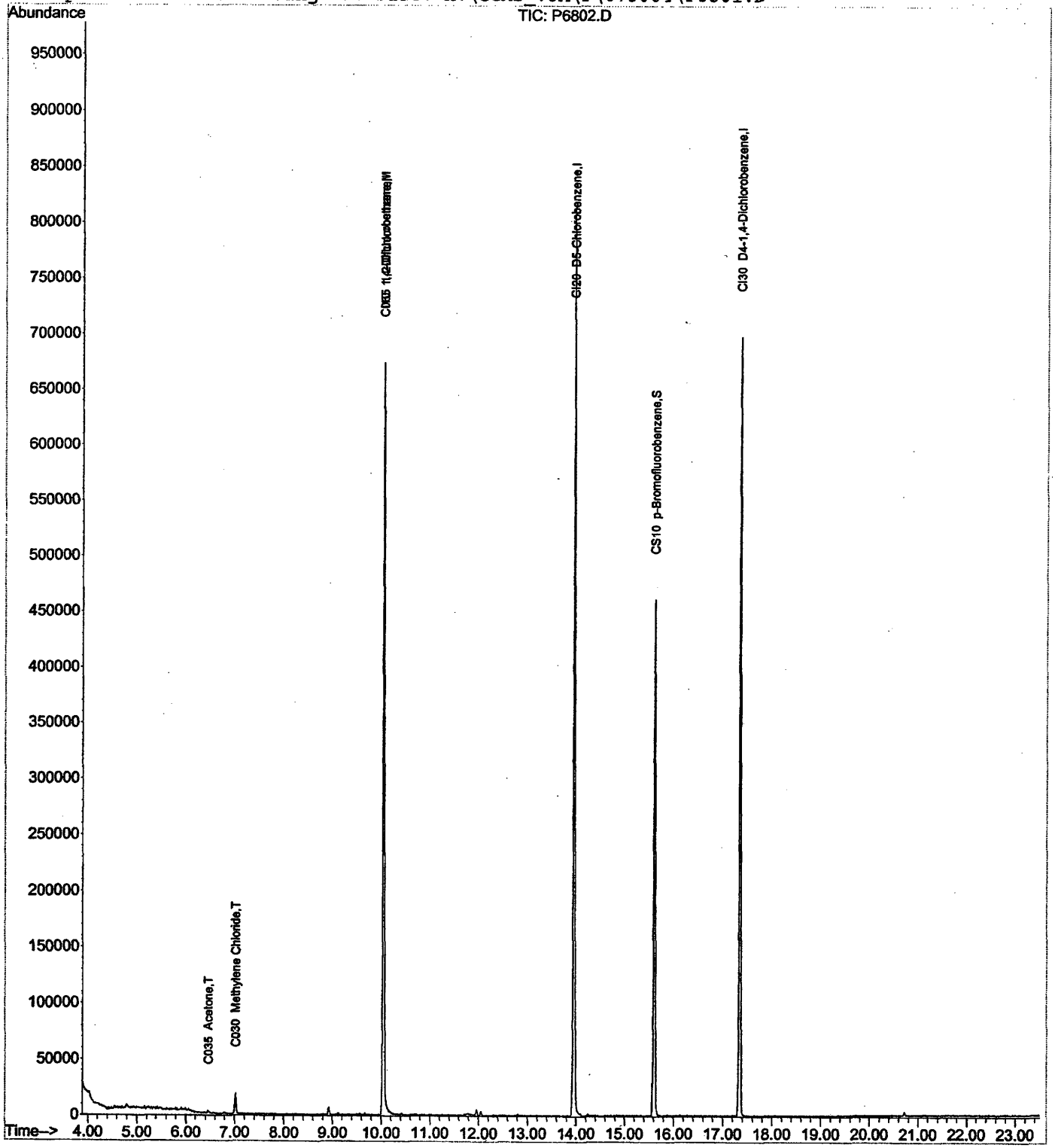
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\073004\P6802.D Vial: 11
Acq On : 30 Jul 2004 17:02 Operator: PC
Sample : VBLK32 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 17:29 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\073004\P6801.D



Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6802.D Vial: 11
Acq On : 30 Jul 2004 17:02 Operator: PC
Sample : VBLK32 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 17:29:52 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\073004\P6801.D (30 Jul 2004 15:32)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.04	114	544771	125.00 ng	0.00 83.97%
17) CI20	D5-Chlorobenzene	13.95	117	519490	125.00 ng	0.00 85.37%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	229634	125.00 ng	0.00 66.23%
System Monitoring Compounds						
38) CS10	p-Bromofluorobenzene	15.61	174	148576	100.92 ng	0.00
Spiked Amount 125.000	Range 80 - 120			Recovery = 80.74%		
Target Compounds						Qvalue
2) C010	Chloromethane	4.43	50	290	N.D.	
3) C015	Bromomethane	4.99	94	133	N.D.	
4) C020	Vinyl Chloride	0.00	62	0	N.D.	
5) C025	Chloroethane	0.00	64	0	N.D.	
6) C030	Methylene Chloride	7.02	84	10733	7.11 ng	#
7) C035	Acetone	6.45	43	2943	16.01 ng	73
8) C040	Carbon Disulfide	6.78	76	1992	N.D.	
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
10) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
11) C057	trans-1,2-dichloroet	0.00	96	0	N.D.	
12) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.	
13) C060	Chloroform	8.92	83	6382	N.D.	
14) C222	Bromochloromethane	0.00	128	0	N.D.	
15) C065	1,2-Dichloroethane	10.04	62	18804	11.21 ng	#
16) C110	2-Butanone	0.00	43	0	N.D.	
18) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.	
19) C120	Carbon Tetrachloride	0.00	117	0	N.D.	
20) C150	Trichloroethene	10.43	95	872	N.D.	
21) C130	Bromodichloromethane	11.03	83	134	N.D.	
22) C140	1,2-Dichloropropane	0.00	63	0	N.D.	
23) C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
24) C165	Benzene	9.68	78	2150	N.D.	
25) C155	Dibromochloromethane	12.82	129	281	N.D.	
26) C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
27) C160	1,1,2-Trichloroethan	0.00	97	0	N.D.	
28) C220	Tetrachloroethene	12.82	166	350	N.D.	
29) C163	1,2-Dibromoethane	0.00	109	0	N.D.	
30) C210	4-Methyl-2-Pentanone	11.72	43	330	N.D.	
31) C215	2-Hexanone	12.81	43	163	N.D.	
32) C230	Toluene	12.06	91	3715	N.D.	
33) C235	Chlorobenzene	14.00	112	3895	N.D.	
34) C240	Ethylbenzene	14.09	91	2184	N.D.	
35) C246	m,p-Xylene	14.25	106	320	N.D.	
36) C247	o-Xylene	0.00	106	0	N.D.	
37) C245	Styrene	0.00	104	0	N.D.	
39) C225	1,1,2,2-Tetrachloroe	15.74	83	143	N.D.	

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

Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6802.D Vial: 11
Acq On : 30 Jul 2004 17:02 Operator: PC
Sample : VBLK32 Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 17:29:52 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
41)	C180	Bromoform	0.00	173	0	N.D.	
42)	C260	1,3-Dichlorobenzene	17.26	146	469	N.D.	
43)	C267	1,4-Dichlorobenzene	17.26	146	469	N.D.	
44)	C249	1,2-Dichlorobenzene	0.00	146	0	N.D.	
45)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
46)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK61

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4B1386802

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7917.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

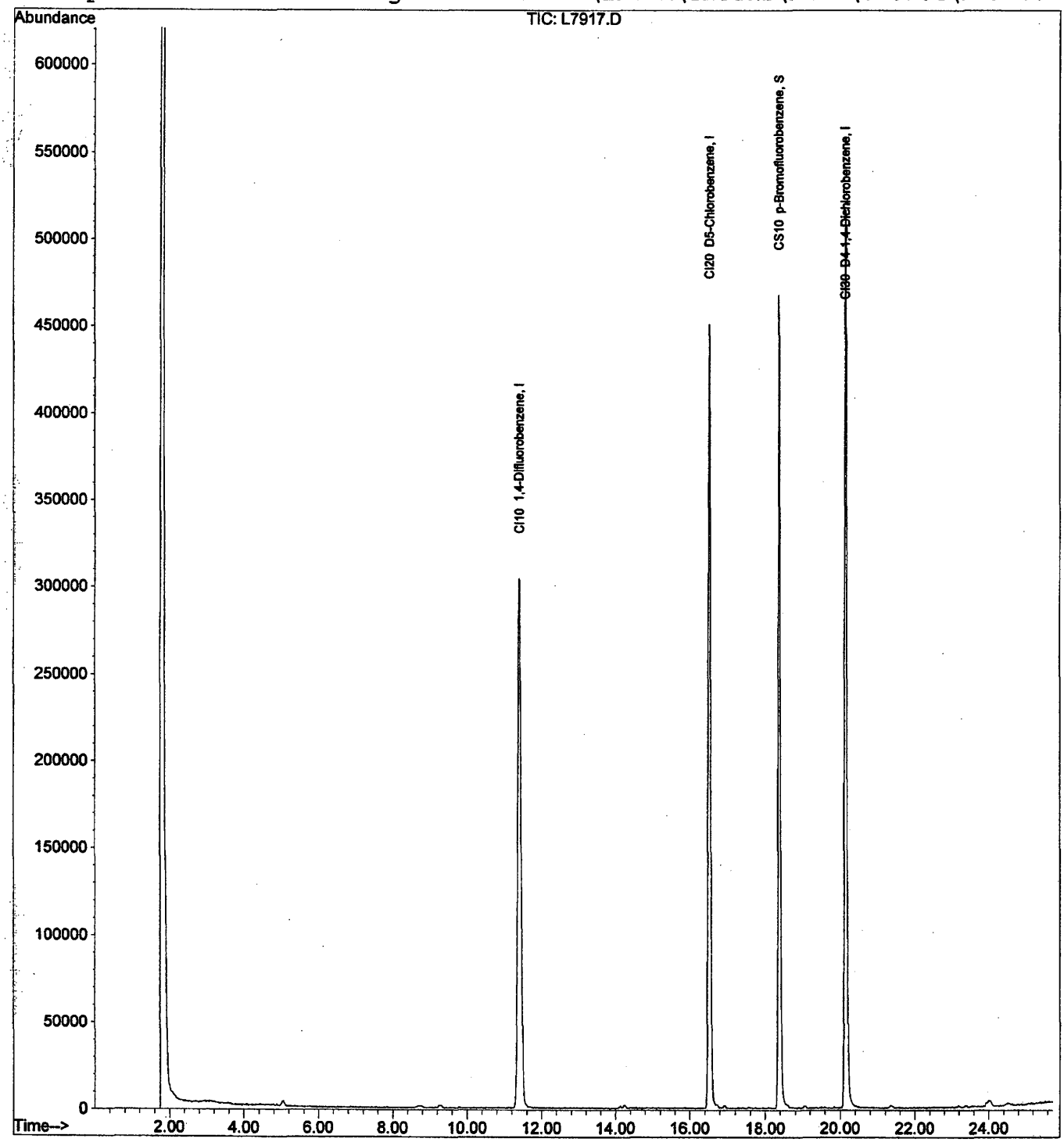
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7917.D Vial: 3
Acq On : 31 Jul 2004 14:32 Operator: PC
Sample : VBLK61 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 15:00 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7917.D Vial: 3
Acq On : 31 Jul 2004 14:32 Operator: PC
Sample : VBLK61 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 15:00 2004 Quant Results File: A4I00695.RES

Clean NO FILS 7/31/04

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Wed May 19 15:26:24 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.40	114	886791	125.00	ng	0.01 101.59%
24) CI20	D5-Chlorobenzene	16.53	117	659817	125.00	ng	0.01 96.02%
48) CI30	D4-1,4-Dichlorobenze	20.14	152	360823	125.00	ng	0.01 87.57%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.38	174	317493	118.36	ng	0.01
Spiked Amount 125.000	Range 80 - 120			Recovery = 94.69%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	0.00	85		N.D.		
3) C010	Chloromethane	0.00	50		N.D.		
4) C015	Bromomethane	0.00	94		N.D.		
5) C020	Vinyl Chloride	0.00	62		N.D.		
6) C025	Chloroethane	0.00	64		N.D.		
7) C275	Trichlorotrifluorome	0.00	101		N.D.		
8) C030	Methylene Chloride	0.00	84		N.D.		
9) C035	Acetone	0.00	43		N.D.		
10) C040	Carbon Disulfide	0.00	76		N.D.		
11) C045	1,1-Dichloroethene	0.00	96		N.D.		
12) C962	T-butyl Methyl Ether	0.00	73		N.D.		
13) C050	1,1-Dichloroethane	0.00	63		N.D.		
14) C057	trans-1,2-dichloroet	0.00	96		N.D.		
15) C056	cis-1,2-Dichloroethe	0.00	96		N.D.		
16) C060	Chloroform	0.00	83		N.D.		
17) C222	Bromochloromethane	0.00	128		N.D.		
18) C065	1,2-Dichloroethane	0.00	62		N.D.		
19) C110	2-Butanone	0.00	43		N.D.		
20) C255	Methyl Acetate	0.00	43		N.D.		
21) C291	1,1,2 Trichloro-1,2,	0.00	101		N.D.		
22) C256	Cyclohexane	0.00	56		N.D.		
23) C012	Methylcyclohexane	0.00	83		N.D.		
25) C115	1,1,1-Trichloroethan	0.00	97		N.D.		
26) C120	Carbon Tetrachloride	0.00	117		N.D.		
27) C150	Trichloroethene	0.00	95		N.D.		
28) C130	Bromodichloromethane	0.00	83		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7917.D Vial: 3
Acq On : 31 Jul 2004 14:32 Operator: PC
Sample : VBLK61 Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 15:00 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Wed May 19 15:26:24 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
29)	C140	1,2-Dichloropropane	0.00	63		N.D.	
30)	C145	cis-1,3-Dichloroprop	0.00	75		N.D.	
31)	C165	Benzene	0.00	78		N.D.	
32)	C155	Dibromochloromethane	0.00	129		N.D.	
33)	C170	trans-1,3-Dichloropr	0.00	75		N.D.	
34)	C160	1,1,2-Trichloroethan	0.00	83		N.D.	
35)	C220	Tetrachloroethene	0.00	166		N.D.	
36)	C163	1,2-Dibromoethane	0.00	109		N.D.	
37)	C210	4-Methyl-2-Pentanone	0.00	43		N.D.	
38)	C215	2-Hexanone	0.00	43		N.D.	
39)	C230	Toluene	0.00	91		N.D.	
40)	C235	Chlorobenzene	0.00	112		N.D.	
41)	C240	Ethylbenzene	0.00	91		N.D.	
42)	C246	m,p-Xylene	0.00	106		N.D.	
43)	C247	o-Xylene	0.00	106		N.D.	
44)	C245	Styrene	0.00	104		N.D.	
46)	C966	Isopropylbenzene	0.00	105		N.D.	
47)	C225	1,1,2,2-Tetrachloroe	0.00	83		N.D.	
49)	C180	Bromoform	0.00	173		N.D.	
50)	C260	1,3-Dichlorobenzene	0.00	146		N.D.	
51)	C267	1,4-Dichlorobenzene	0.00	146		N.D.	
52)	C249	1,2-Dichlorobenzene	0.00	146		N.D.	
53)	C286	1,2-Dibromo-3-Chloro	0.00	75		N.D.	
54)	C313	1,2,4-Trichlorobenze	0.00	180		N.D.	

18/9/04

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

241/433

Client No.

VHB

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698918

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6805.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

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

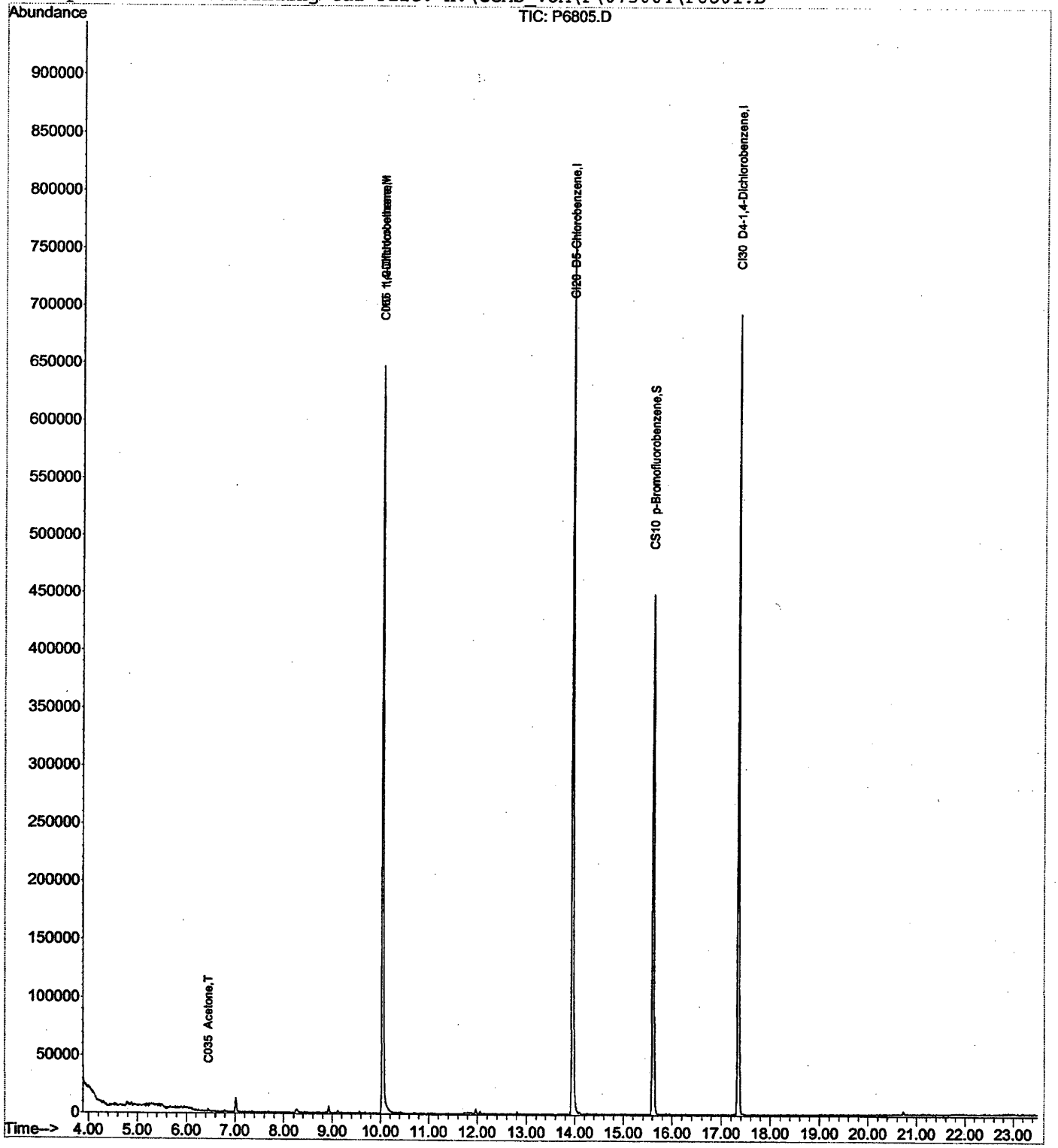
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	1	U
127-18-4	Tetrachloroethene	1	U
75-34-3	1,1-Dichloroethane	1	U
540-59-0	1,2-Dichloroethene (Total)	2	U
79-01-6	Trichloroethene	1	U
108-90-7	Chlorobenzene	1	U
75-00-3	Chloroethane	1	U
75-01-4	Vinyl chloride	1	U

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\073004\P6805.D Vial: 14
Acq On : 30 Jul 2004 18:50 Operator: PC
Sample : A4698918 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:03 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\073004\P6801.D



Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6805.D
Acq On : 30 Jul 2004 18:50
Sample : A4698918 A
Misc :
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:03:14 2004

Vial: 14
Operator: PC
Inst : HP5973 P
Multiplr: 1.00

Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\073004\P6801.D (30 Jul 2004 15:32)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.04	114	521507	125.00 ng	0.00 80.38%
17) CI20	D5-Chlorobenzene	13.95	117	512511	125.00 ng	0.00 84.23%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	226413	125.00 ng	0.00 65.30%
System Monitoring Compounds						
38) CS10	p-Bromofluorobenzene	15.61	174	144840	99.72 ng	0.00
Spiked Amount 125.000		Range 80 - 120		Recovery = 79.78%#		
Target Compounds						Qvalue
2) C010	Chloromethane	4.43	50	129	N.D.	
3) C015	Bromomethane	0.00	94	0	N.D.	
4) C020	Vinyl Chloride	0.00	62	0	N.D.	
5) C025	Chloroethane	0.00	64	0	N.D.	
6) C030	Methylene Chloride	7.01	84	6698	N.D.	
7) C035	Acetone	6.46	43	2489	14.15 ng	83
8) C040	Carbon Disulfide	6.80	76	1403	N.D.	
9) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
10) C050	1,1-Dichloroethane	0.00	63	0	N.D.	
11) C057	trans-1,2-dichloroet	0.00	96	0	N.D.	
12) C056	cis-1,2-Dichloroethe	0.00	96	0	N.D.	
13) C060	Chloroform	8.92	83	5358	N.D.	
14) C222	Bromochloromethane	0.00	128	0	N.D.	
15) C065	1,2-Dichloroethane	10.04	62	18558	11.56 ng	# 9
16) C110	2-Butanone	0.00	43	0	N.D.	
18) C115	1,1,1-Trichloroethan	0.00	97	0	N.D.	
19) C120	Carbon Tetrachloride	0.00	117	0	N.D.	
20) C150	Trichloroethene	10.42	95	672	N.D.	
21) C130	Bromodichloromethane	11.03	83	144	N.D.	
22) C140	1,2-Dichloropropane	0.00	63	0	N.D.	
23) C145	cis-1,3-Dichloroprop	0.00	75	0	N.D.	
24) C165	Benzene	9.67	78	1505	N.D.	
25) C155	Dibromochloromethane	12.82	129	472	N.D.	
26) C170	trans-1,3-Dichloropr	0.00	75	0	N.D.	
27) C160	1,1,2-Trichloroethan	0.00	97	0	N.D.	
28) C220	Tetrachloroethene	12.82	166	695	N.D.	
29) C163	1,2-Dibromoethane	0.00	109	0	N.D.	
30) C210	4-Methyl-2-Pentanone	11.71	43	159	N.D.	
31) C215	2-Hexanone	12.80	43	299	N.D.	
32) C230	Toluene	12.06	91	2430	N.D.	
33) C235	Chlorobenzene	13.99	112	3321	N.D.	
34) C240	Ethylbenzene	14.09	91	1975	N.D.	
35) C246	m,p-Xylene	14.10	106	262	N.D.	
36) C247	o-Xylene	0.00	106	0	N.D.	
37) C245	Styrene	0.00	104	0	N.D.	
39) C225	1,1,2,2-Tetrachloroe	15.75	83	141	N.D.	

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

Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6805.D Vial: 14
Acq On : 30 Jul 2004 18:50 Operator: PC
Sample : A4698918 A Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 23:03:14 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc Unit	Qvalue
41)	C180	Bromoform	15.60	173	300	N.D.	
42)	C260	1,3-Dichlorobenzene	17.26	146	463	N.D.	
43)	C267	1,4-Dichlorobenzene	17.26	146	463	N.D.	
44)	C249	1,2-Dichlorobenzene	17.96	146	333	N.D.	
45)	C286	1,2-Dibromo-3-Chloro	0.00	75	0	N.D.	
46)	C313	1,2,4-Trichlorobenze	0.00	180	0	N.D.	

8/9/04

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.: MSB32

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4B1380702

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: P6803.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/30/2004

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

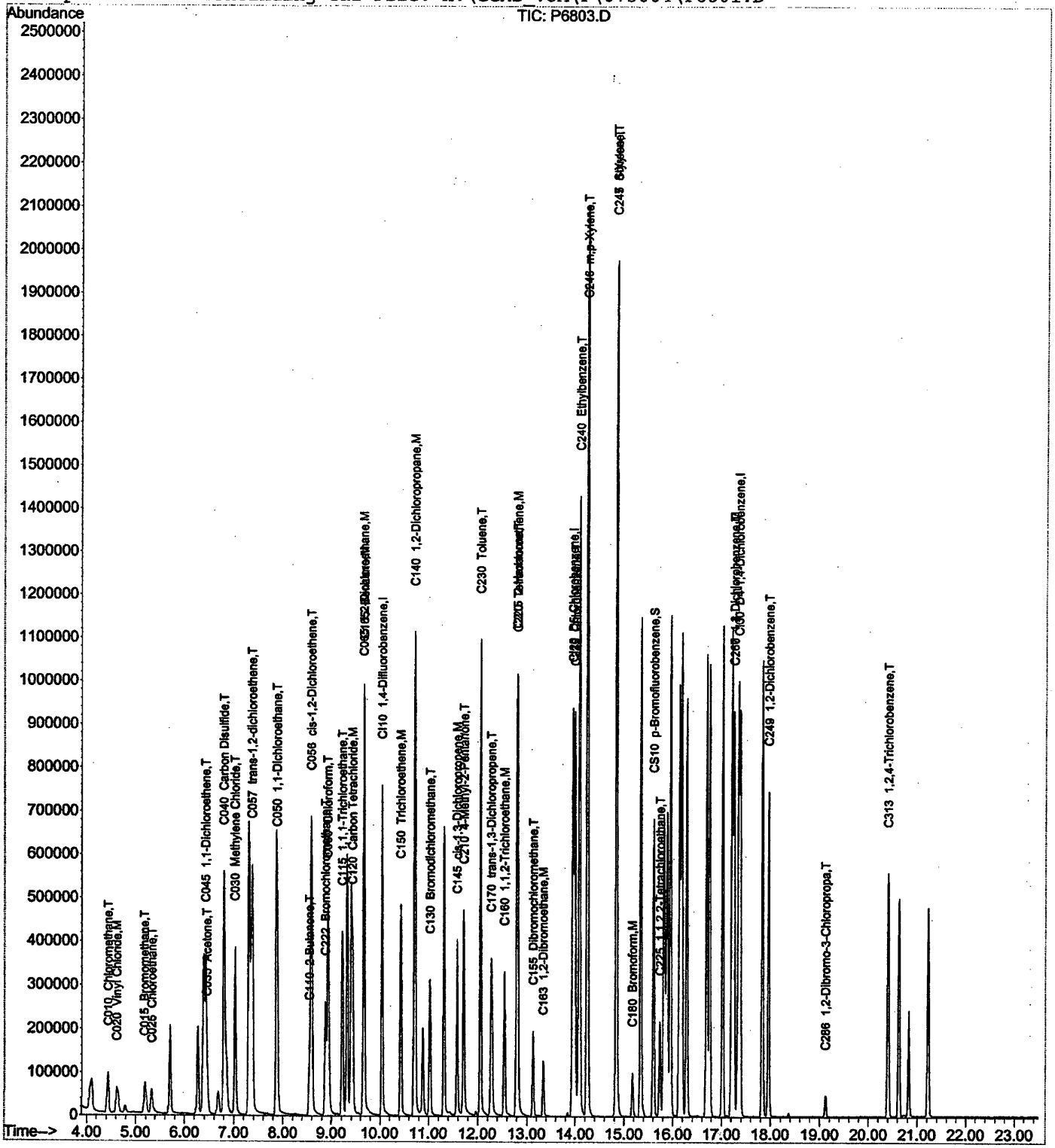
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	5	
127-18-4	Tetrachloroethene	5	
75-34-3	1,1-Dichloroethane	5	
540-59-0	1,2-Dichloroethene (Total)	10	
79-01-6	Trichloroethene	5	
108-90-7	Chlorobenzene	5	
75-00-3	Chloroethane	5	
75-01-4	Vinyl chloride	5	

Quantitation Report (Not Reviewed)

Data File : H:\GCMS_VOA\P\073004\P6803.D Vial: 12
Acq On : 30 Jul 2004 17:41 Operator: PC
Sample : LCS Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 18:21 2004 Quant Results File: A4I00692.RES

Method : C:\MSDCHEM\1\METHODS\MISC\CLP1092\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Continuing Cal File: H:\GCMS_VOA\P\073004\P6801.D



Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6803.D Vial: 12
Acq On : 30 Jul 2004 17:41 Operator: PC
Sample : LCS Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 18:21:26 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA
IS QA File : H:\GCMS_VOA\P\073004\P6801.D (30 Jul 2004 15:32)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	10.04	114	632095	125.00	ng		0.00 97.43%
17) CI20	D5-Chlorobenzene	13.95	117	615670	125.00	ng		0.00 101.18%
40) CI30	D4-1,4-Dichlorobenze	17.34	152	336262	125.00	ng		0.00 96.98%
System Monitoring Compounds								
38) CS10	p-Bromofluorobenzene	15.61	174	215520	123.52	ng		0.00
Spiked Amount 125.000		Range 80 - 120		Recovery = 98.82%				
Target Compounds								Qvalue
2) C010	Chloromethane	4.43	50	155859	119.16	ng		99
3) C015	Bromomethane	5.17	94	82285	135.35	ng		89
4) C020	Vinyl Chloride	4.61	62	135566	129.18	ng		97
5) C025	Chloroethane	5.32	64	82198	130.02	ng		99
6) C030	Methylene Chloride	7.02	84	219503	125.34	ng	#	84
7) C035	Acetone	6.45	43	127819	599.37	ng		100
8) C040	Carbon Disulfide	6.79	76	674510	143.14	ng		100
9) C045	1,1-Dichloroethene	6.42	96	163149	134.42	ng		97
10) C050	1,1-Dichloroethane	7.88	63	408707	130.98	ng		98
11) C057	trans-1,2-dichloroet	7.37	96	208296	133.35	ng		95
12) C056	cis-1,2-Dichloroethe	8.58	96	210950	124.90	ng		97
13) C060	Chloroform	8.92	83	400047	127.93	ng		100
14) C222	Bromochloromethane	8.87	128	77806	121.60	ng	#	77
15) C065	1,2-Dichloroethane	9.66	62	241026	123.83	ng		99
16) C110	2-Butanone	8.54	43	156630	591.02	ng		83
18) C115	1,1,1-Trichloroethan	9.21	97	320217	130.91	ng		96
19) C120	Carbon Tetrachloride	9.43	117	268922	128.85	ng		97
20) C150	Trichloroethene	10.43	95	198918	123.44	ng		92
21) C130	Bromodichloromethane	11.03	83	251916	122.24	ng		99
22) C140	1,2-Dichloropropane	10.72	63	203961	122.40	ng		91
23) C145	cis-1,3-Dichloroprop	11.58	75	270903	121.41	ng		100
24) C165	Benzene	9.67	78	851457	122.85	ng		100
25) C155	Dibromochloromethane	13.13	129	131238	121.49	ng		96
26) C170	trans-1,3-Dichloropr	12.27	75	221817	120.43	ng		97
27) C160	1,1,2-Trichloroethan	12.55	97	130026	119.80	ng		97
28) C220	Tetrachloroethene	12.82	166	224512	127.67	ng	#	95
29) C163	1,2-Dibromoethane	13.34	109	100971	119.55	ng		99
30) C210	4-Methyl-2-Pentanone	11.71	43	359565	554.30	ng		90
31) C215	2-Hexanone	12.80	43	238988	543.23	ng		92
32) C230	Toluene	12.06	91	926107	121.51	ng		97
33) C235	Chlorobenzene	14.00	112	609905	120.67	ng		99
34) C240	Ethylbenzene	14.09	91	1069965	128.39	ng		98
35) C246	m,p-Xylene	14.25	106	799826	253.09	ng		95
36) C247	o-Xylene	14.84	106	371714	123.95	ng	#	84
37) C245	Styrene	14.84	104	618543	121.71	ng		91
39) C225	1,1,2,2-Tetrachloroe	15.74	83	138200	116.90	ng		100

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

Quantitation Report

Data File : H:\GCMS_VOA\P\073004\P6803.D Vial: 12
Acq On : 30 Jul 2004 17:41 Operator: PC
Sample : LCS Inst : HP5973 P
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 30 18:21:26 2004 Quant Results File: A4I00692.RES

Quant Method : C:\MSDCHEM\1...\A4I00692.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Fri Jul 30 16:04:16 2004
Response via : Single (H:\GCMS_VOA\P\073004\P6801.D 30 Jul 2004 15:32)
DataAcq Meth : VOA

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
41)	C180	Bromoform	15.17	173	60256	119.70	ng		98
42)	C260	1,3-Dichlorobenzene	17.25	146	476711	124.75	ng		96
43)	C267	1,4-Dichlorobenzene	17.25	146	476711	124.75	ng		96
44)	C249	1,2-Dichlorobenzene	17.96	146	396690	121.33	ng		97
45)	C286	1,2-Dibromo-3-Chloro	19.12	75	17698	113.30	ng	#	84
46)	C313	1,2,4-Trichlorobenze	20.40	180	222363	109.78	ng		96

(#) = qualifier out of range (m) = manual integration
P6803.D A4I00692.M Fri Jul 30 18:21:34 2004 HP5973P

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.: MSB61

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4B1386801

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7918.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

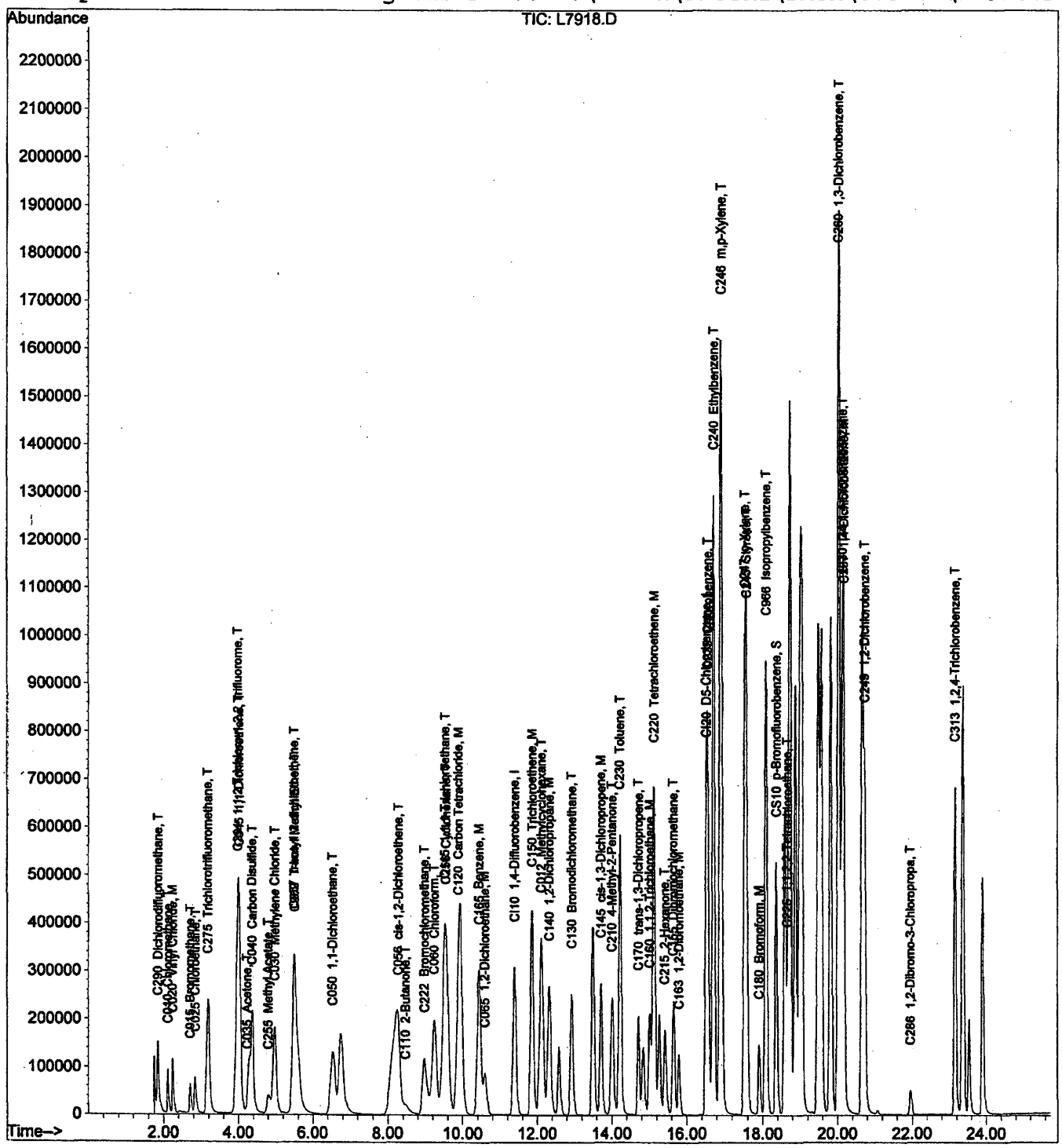
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	6	
127-18-4	Tetrachloroethene	6	
75-34-3	1,1-Dichloroethane	6	
540-59-0	1,2-Dichloroethene (Total)	12	
79-01-6	Trichloroethene	6	
108-90-7	Chlorobenzene	6	
75-00-3	Chloroethane	6	
75-01-4	Vinyl chloride	6	

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7918.D Vial: 4
Acq On : 31 Jul 2004 15:05 Operator: PC
Sample : LCS Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 15:37 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7918.D Vial: 4
Acq On : 31 Jul 2004 15:05 Operator: PC
Sample : LCS Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 15:37 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Wed May 19 15:26:24 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.40	114	858883	125.00	ng	0.01 98.40%
24) CI20	D5-Chlorobenzene	16.53	117	684107	125.00	ng	0.01 99.56%
48) CI30	D4-1,4-Dichlorobenze	20.14	152	407508	125.00	ng	0.01 98.90%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.38	174	353792	127.21	ng	0.01
Spiked Amount 125.000	Range 80 - 120			Recovery = 101.77%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.86	85	259088	163.85	ng	100
3) C010	Chloromethane	2.13	50	171599	182.34	ng	97
4) C015	Bromomethane	2.71	94	79904	837.80	ng	99
5) C020	Vinyl Chloride	2.25	62	197564	158.22	ng	98
6) C025	Chloroethane	2.85	64	149552	162.61	ng	96
7) C275	Trichlorotrifluorome	3.19	101	610117	165.14	ng	100
8) C030	Methylene Chloride	4.99	84	245091	140.00	ng	88
9) C035	Acetone	4.24	43	72989	920.66	ng	94
10) C040	Carbon Disulfide	4.38	76	739512	179.72	ng	100
11) C045	1,1-Dichloroethene	4.03	96	266972	149.42	ng	98
12) C962	T-butyl Methyl Ether	5.51	73	381748	166.49	ng	93
13) C050	1,1-Dichloroethane	6.54	63	632968	150.07	ng	99
14) C057	trans-1,2-dichloroet	5.50	96	357609	149.63	ng	93
15) C056	cis-1,2-Dichloroethe	8.29	96	333211	148.31	ng	93
16) C060	Chloroform	9.25	83	654671	149.83	ng	98
17) C222	Bromochloromethane	8.99	128	127423	175.34	ng	95
18) C065	1,2-Dichloroethane	10.60	62	235494	145.85	ng	63
19) C110	2-Butanone	8.47	43	137783	832.63	ng	83
20) C255	Methyl Acetate	4.81	43	72188	201.97	ng	95
21) C291	1,1,2 Trichloro-1,2,	3.99	101	535379	177.17	ng	86
22) C256	Cyclohexane	9.56	56	513307	175.25	ng	97
23) C012	Methylcyclohexane	12.13	83	539039	177.98	ng	91
25) C115	1,1,1-Trichloroethan	9.54	97	637374	150.00	ng	98
26) C120	Carbon Tetrachloride	9.90	117	604646	149.03	ng	97
27) C150	Trichloroethene	11.88	95	464324	150.01	ng	# 82
28) C130	Bromodichloromethane	12.94	83	489590	149.34	ng	9

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7918.D Vial: 4
Acq On : 31 Jul 2004 15:05 Operator: PC
Sample : LCS Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Jul 31 15:37 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Wed May 19 15:26:24 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	12.34	63	323387	147.14	ng		100
30)	C145	cis-1,3-Dichloroprop	13.73	75	416162	148.37	ng		98
31)	C165	Benzene	10.45	78	990340	145.92	ng		97
32)	C155	Dibromochloromethane	15.65	129	334779	148.28	ng		94
33)	C170	trans-1,3-Dichloropr	14.73	75	284558	149.14	ng		95
34)	C160	1,1,2-Trichloroethan	15.03	83	170342	145.42	ng		98
35)	C220	Tetrachloroethene	15.14	166	589422	149.27	ng		96
36)	C163	1,2-Dibromoethane	15.80	109	221600	148.63	ng		97
37)	C210	4-Methyl-2-Pentanone	14.01	43	569350	832.07	ng	#	75
38)	C215	2-Hexanone	15.43	43	372119	848.39	ng		96
39)	C230	Toluene	14.23	91	1183388	145.35	ng		92
40)	C235	Chlorobenzene	16.56	112	882425	146.68	ng		99
41)	C240	Ethylbenzene	16.73	91	1557437	147.38	ng		99
42)	C246	m,p-Xylene	16.91	106	1280102	296.95	ng		96
43)	C247	o-Xylene	17.54	106	588969	148.32	ng	#	87
44)	C245	Styrene	17.58	104	863240	146.55	ng		95
46)	C966	Isopropylbenzene	18.10	105	1825880	149.24	ng		100
47)	C225	1,1,2,2-Tetrachloroe	18.66	83	240300	145.52	ng		86
49)	C180	Bromoform	17.91	173	172701	150.31	ng		96
50)	C260	1,3-Dichlorobenzene	20.03	146	881066	149.67	ng		96
51)	C267	1,4-Dichlorobenzene	20.18	146	865995	146.13	ng		97
52)	C249	1,2-Dichlorobenzene	20.74	146	700993	147.54	ng		96
53)	C286	1,2-Dibromo-3-Chloro	21.96	75	39552	157.81	ng		93
54)	C313	1,2,4-Trichlorobenze	23.16	180	543701	148.82	ng		96

8/19/04

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.: ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698910MS

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7925.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

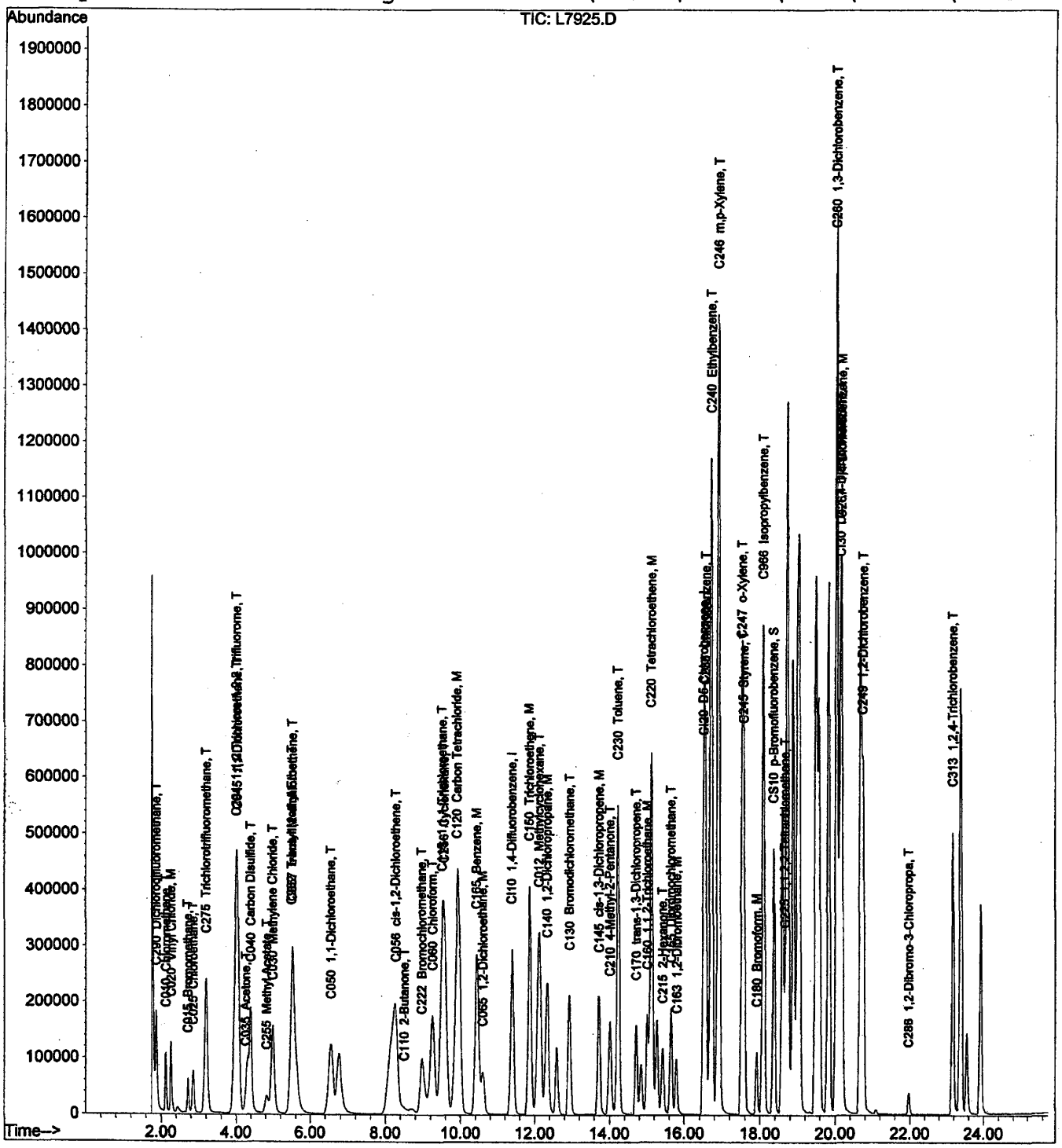
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	6	
127-18-4	Tetrachloroethene	6	
75-34-3	1,1-Dichloroethane	6	
540-59-0	1,2-Dichloroethene (Total)	11	
79-01-6	Trichloroethene	6	
108-90-7	Chlorobenzene	6	
75-00-3	Chloroethane	7	
75-01-4	Vinyl chloride	7	

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7925.D Vial: 11
Acq On : 31 Jul 2004 18:59 Operator: PC
Sample : A4698910MS B Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:29 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7925.D Vial: 11
Acq On : 31 Jul 2004 18:59 Operator: PC
Sample : A4698910MS B Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P Reshoot OK
Quant Time: Aug 2 8:29 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.40	114	818211	125.00	ng	0.01 93.74%
24) CI20	D5-Chlorobenzene	16.53	117	628831	125.00	ng	0.01 91.51%
48) CI30	D4-1,4-Dichlorobenze	20.15	152	368787	125.00	ng	0.02 89.50%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.38	174	320654	125.43	ng	0.01
Spiked Amount 125.000	Range 80 - 120			Recovery = 100.34%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.88	85	245373	162.89	ng	100
3) C010	Chloromethane	2.14	50	167765	187.13	ng	98
4) C015	Bromomethane	2.73	94	74962	825.05	ng	90
5) C020	Vinyl Chloride	2.28	62	198092	166.53	ng	98
6) C025	Chloroethane	2.86	64	148425	169.41	ng	100
7) C275	Trichlorotrifluorome	3.21	101	599642	170.37	ng	97
8) C030	Methylene Chloride	5.00	84	207727	124.56	ng	88
9) C035	Acetone	4.26	43	54206	717.72	ng	87
10) C040	Carbon Disulfide	4.40	76	642913	164.01	ng	100
11) C045	1,1-Dichloroethene	4.04	96	262244	154.07	ng	97
12) C962	T-butyl Methyl Ether	5.51	73	270607	123.88	ng	92
13) C050	1,1-Dichloroethane	6.56	63	584705	145.51	ng	99
14) C057	trans-1,2-dichloroet	5.53	96	326312	143.32	ng	96
15) C056	cis-1,2-Dichloroethe	8.29	96	306212	143.07	ng	95
16) C060	Chloroform	9.26	83	589777	141.69	ng	99
17) C222	Bromochloromethane	8.98	128	106032	153.15	ng	94
18) C065	1,2-Dichloroethane	10.61	62	198179	128.84	ng	52
19) C110	2-Butanone	8.51	43	94364	598.59	ng	82
20) C255	Methyl Acetate	4.84	43	44574	130.91	ng	94
21) C291	1,1,2 Trichloro-1,2,	4.01	101	496603	172.51	ng	88
22) C256	Cyclohexane	9.57	56	467179	167.43	ng	96
23) C012	Methylcyclohexane	12.14	83	475385	164.77	ng	93
25) C115	1,1,1-Trichloroethan	9.53	97	630810	161.50	ng	97
26) C120	Carbon Tetrachloride	9.93	117	599863	160.85	ng	100
27) C150	Trichloroethene	11.88	95	435479	153.06	ng	# 82
28) C130	Bromodichloromethane	12.95	83	418821	138.98	ng	9

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7925.D Vial: 11
Acq On : 31 Jul 2004 18:59 Operator: PC
Sample : A4698910MS B Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:29 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	12.35	63	283591	140.37	ng		99
30)	C145	cis-1,3-Dichloroprop	13.74	75	322457	125.07	ng		99
31)	C165	Benzene	10.45	78	919889	147.46	ng		98
32)	C155	Dibromochloromethane	15.66	129	267239	128.77	ng		96
33)	C170	trans-1,3-Dichloropr	14.73	75	213055	121.48	ng		96
34)	C160	1,1,2-Trichloroethan	15.03	83	139680	129.73	ng		96
35)	C220	Tetrachloroethene	15.14	166	550085	151.55	ng		95
36)	C163	1,2-Dibromoethane	15.81	109	172761	126.06	ng		98
37)	C210	4-Methyl-2-Pentanone	14.03	43	383087	609.07	ng	#	75
38)	C215	2-Hexanone	15.44	43	243477	603.89	ng		95
39)	C230	Toluene	14.24	91	1090529	145.72	ng		92
40)	C235	Chlorobenzene	16.58	112	791592	143.15	ng		97
41)	C240	Ethylbenzene	16.73	91	1429085	147.12	ng		99
42)	C246	m,p-Xylene	16.91	106	1116722	281.82	ng		95
43)	C247	o-Xylene	17.54	106	509871	139.69	ng	#	88
44)	C245	Styrene	17.59	104	552602	102.06	ng		96
46)	C966	Isopropylbenzene	18.10	105	1691003	150.37	ng		99
47)	C225	1,1,2,2-Tetrachloroe	18.68	83	194868	128.38	ng		85
49)	C180	Bromoform	17.93	173	130523	125.53	ng		96
50)	C260	1,3-Dichlorobenzene	20.04	146	744316	139.71	ng		96
51)	C267	1,4-Dichlorobenzene	20.18	146	728045	135.75	ng		96
52)	C249	1,2-Dichlorobenzene	20.75	146	576855	134.16	ng		96
53)	C286	1,2-Dibromo-3-Chloro	21.98	75	28780	126.89	ng		88
54)	C313	1,2,4-Trichlorobenze	23.18	180	411890	124.58	ng		99

8/9/04

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

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698910SD

Sample wt/vol: 25.00 (g/mL) ML Lab File ID: L7926.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 07/31/2004

GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

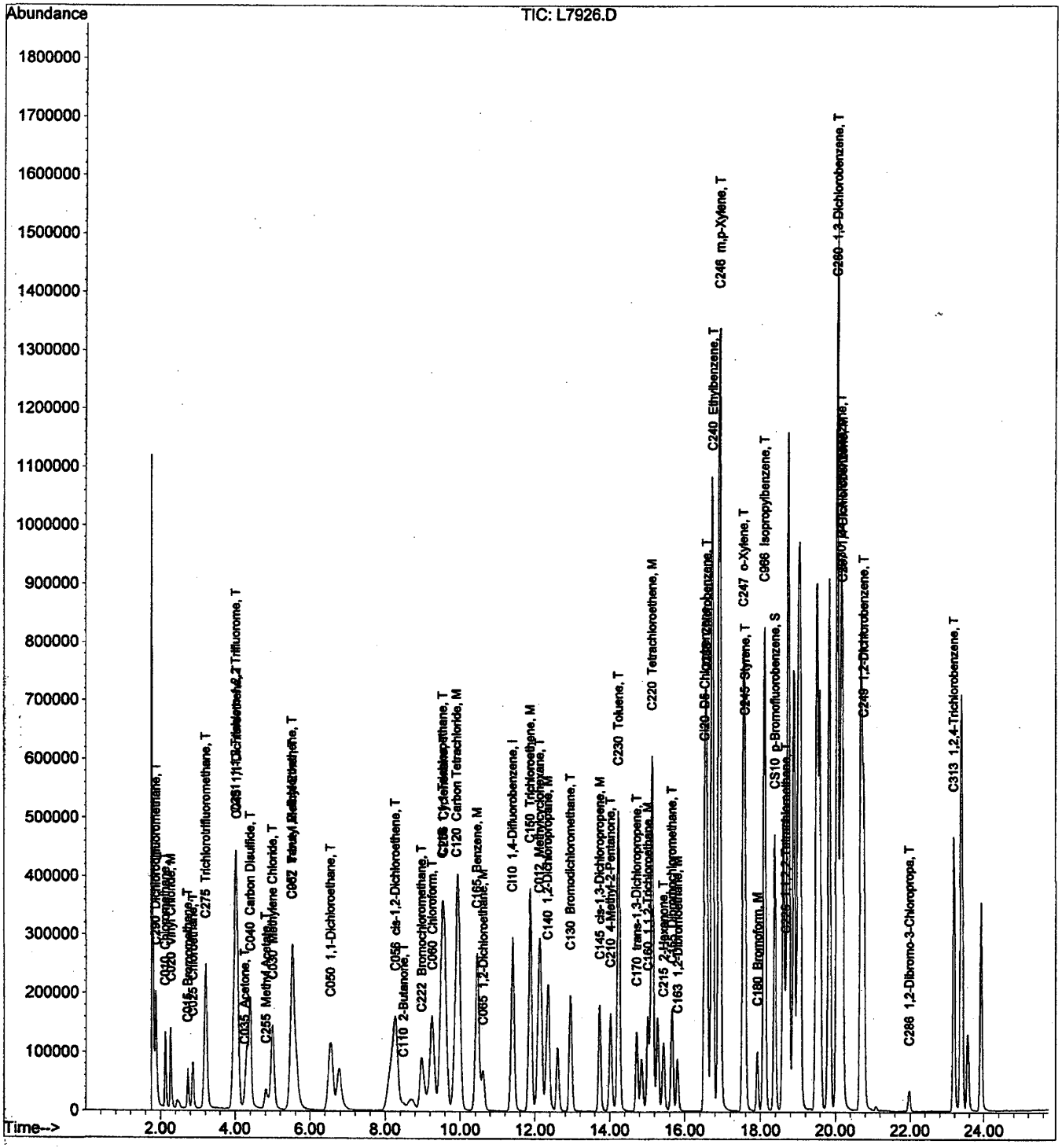
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
71-55-6	1,1,1-Trichloroethane	6	
127-18-4	Tetrachloroethene	6	
75-34-3	1,1-Dichloroethane	5	
540-59-0	1,2-Dichloroethene (Total)	10	
79-01-6	Trichloroethene	6	
108-90-7	Chlorobenzene	5	
75-00-3	Chloroethane	7	
75-01-4	Vinyl chloride	7	

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7926.D Vial: 12
Acq On : 31 Jul 2004 19:32 Operator: PC
Sample : A4698910SD A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:29 2004 Quant Results File: A4I00695.RES

Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\073104\L7916.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7926.D Vial: 12
Acq On : 31 Jul 2004 19:32 Operator: PC
Sample : A4698910SD A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:29 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\073104\L7916.D (31 Jul 2004 13:52)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	11.40	114	833641	125.00	ng	0.01 95.50%
24) CI20	D5-Chlorobenzene	16.53	117	627533	125.00	ng	0.01 91.32%
48) CI30	D4-1,4-Dichlorobenze	20.15	152	363965	125.00	ng	0.02 88.33%
System Monitoring Compounds							
45) CS10	p-Bromofluorobenzene	18.39	174	315740	123.77	ng	0.02
Spiked Amount 125.000	Range 80 - 120			Recovery = 99.02%			
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.88	85	265745	173.15	ng	100
3) C010	Chloromethane	2.13	50	195239	213.74	ng	98
4) C015	Bromomethane	2.73	94	87779	948.24	ng	98
5) C020	Vinyl Chloride	2.27	62	221403	182.68	ng	97
6) C025	Chloroethane	2.86	64	156179	174.96	ng	99
7) C275	Trichlorotrifluorome	3.21	101	602958	168.14	ng	98
8) C030	Methylene Chloride	5.00	84	197727	116.37	ng	92
9) C035	Acetone	4.25	43	55510	721.39	ng	84
10) C040	Carbon Disulfide	4.40	76	657233	164.56	ng	100
11) C045	1,1-Dichloroethene	4.04	96	244756	141.14	ng	99
12) C962	T-butyl Methyl Ether	5.53	73	276446	124.21	ng	89
13) C050	1,1-Dichloroethane	6.55	63	554177	135.36	ng	97
14) C057	trans-1,2-dichloroet	5.51	96	313242	135.04	ng	94
15) C056	cis-1,2-Dichloroethe	8.28	96	280490	128.62	ng	91
16) C060	Chloroform	9.26	83	550730	129.86	ng	99
17) C222	Bromochloromethane	8.98	128	99252	140.71	ng	96
18) C065	1,2-Dichloroethane	10.61	62	183482	117.08	ng	56
19) C110	2-Butanone	8.49	43	98171	611.22	ng	83
20) C255	Methyl Acetate	4.83	43	59141	170.48	ng	97
21) C291	1,1,2 Trichloro-1,2,	4.01	101	461325	157.29	ng	87
22) C256	Cyclohexane	9.56	56	454945	160.03	ng	94
23) C012	Methylcyclohexane	12.13	83	428843	145.89	ng	92
25) C115	1,1,1-Trichloroethan	9.54	97	587476	150.72	ng	97
26) C120	Carbon Tetrachloride	9.91	117	554417	148.97	ng	98
27) C150	Trichloroethene	11.88	95	410185	144.47	ng	# 82
28) C130	Bromodichloromethane	12.94	83	379387	126.15	ng	98

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\073104\L7926.D Vial: 12
Acq On : 31 Jul 2004 19:32 Operator: PC
Sample : A4698910SD A Inst : Finnigan
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Aug 2 8:29 2004 Quant Results File: A4I00695.RES

Quant Method : D:\ELINK\INSTR1\QUANT\LOWCLP\A4I00695.M (RTE Integrator)
Title : I50L CLP LOW LEVEL WATER
Last Update : Sat Jul 31 14:39:25 2004
Response via : Single (D:\ELINK\INSTR1\DATA\073104\L7916.D 31 Jul 2004 13:
DataAcq Meth : METHOD.M

	Compound		R.T.	QIon	Response	Conc	Unit		Qvalue
29)	C140	1,2-Dichloropropane	12.34	63	262810	130.36	ng		99
30)	C145	cis-1,3-Dichloroprop	13.74	75	276228	107.36	ng		98
31)	C165	Benzene	10.45	78	863005	138.62	ng		99
32)	C155	Dibromochloromethane	15.66	129	243782	117.71	ng		96
33)	C170	trans-1,3-Dichloropr	14.73	75	184562	105.45	ng		94
34)	C160	1,1,2-Trichloroethan	15.03	83	128492	119.58	ng		100
35)	C220	Tetrachloroethene	15.14	166	525044	144.95	ng		95
36)	C163	1,2-Dibromoethane	15.81	109	160654	117.47	ng		94
37)	C210	4-Methyl-2-Pentanone	14.03	43	381198	607.32	ng	#	73
38)	C215	2-Hexanone	15.44	43	241040	599.09	ng		98
39)	C230	Toluene	14.24	91	1019824	136.55	ng		93
40)	C235	Chlorobenzene	16.58	112	744754	134.96	ng		99
41)	C240	Ethylbenzene	16.74	91	1347358	139.00	ng		100
42)	C246	m,p-Xylene	16.91	106	1074190	271.65	ng		93
43)	C247	o-Xylene	17.55	106	483502	132.74	ng	#	85
44)	C245	Styrene	17.59	104	505714	93.59	ng		97
46)	C966	Isopropylbenzene	18.11	105	1607955	143.28	ng		100
47)	C225	1,1,2,2-Tetrachloroe	18.68	83	182603	120.55	ng		86
49)	C180	Bromoform	17.93	173	119365	116.32	ng		96
50)	C260	1,3-Dichlorobenzene	20.04	146	691459	131.51	ng		97
51)	C267	1,4-Dichlorobenzene	20.19	146	680454	128.56	ng		98
52)	C249	1,2-Dichlorobenzene	20.75	146	538210	126.83	ng		98
53)	C286	1,2-Dibromo-3-Chloro	21.99	75	27124	121.17	ng		90
54)	C313	1,2,4-Trichlorobenze	23.18	180	387018	118.61	ng		96

(#) = 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 #
7/31/91	0019	JM	L7894	A47155 IS A	7155	2.5 l	—	1	—	ISSHR
	0052		L7895	A47158 02 A	7158			1		
	0125		L7896	01A	⊥			10		
	0157		L7897	A47145 01 A	7145			25		
	0230		L7898	A47150 01 A	7150			1		
	0302		L7899	02 A				1		
	0335		L7900	03 A				1		
	0407		L7901	04 A				1		
	0440		L7902	05 A	—			1		
	0512		L7903	A47193 03 A	7193			1		
	0545		L7904	02 A				1		
	0618		L7905	01 A	—			1		
	0650		L7906	A47185 01 0.1 B	7185			100		
	0723		L7907	A47188 01 ms	7188			10	M53Y-2	
	0755		L7908	01 SD	⊥	⊥	⊥	1	⊥	—
7/31/91	0953	JM	L7909	0731BFBL1	—	25 l	—	—	WS1K-2	ISSGN
	1038		L7910	VSTD025					WS6AD-1, WS12AC-1, WS13CA-1	
	1110		L7911	VSTD 010						
	1143		L7912	VSTD 005						
	1215		L7913	VSTD 002						
	1248		L7914	VSTD 001						
	1321		L7915	0731BFBL2					WS1K-2	
	1352		L7916	VSTD 005					WS6AD-1, WS12AC-1 WS13CA-1	
	1432		L7917	VBLK61						
	1505		L7918	1 CS	⊥			⊥	WS19AA-5, WS19AB-5	
	1542		L7919	A46989053	6989			1	—	
	1614		L7920	06 A				1		
	1647		L7921	07 B				1		
	1720		L7922	08 A				1		

STL BUFFALO

000092

Reviewed By _____ NO. _____ Page 1

GCMS VOLATILE INJECTION LOG

I.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
ISSQHR		94	92	84	99	91	100	94		✓	
		93	92	82	99	91	99	94		✓	
		94	92	87	100	90	101	97		✓	Foams LOT
		95	92	93	98	87	103	100		~7	✓
		97	92	85	96	87	101	95		✓	
		94	86	77	95	82	104	92		✓	
		91	85	74	94	82	105	92		✓	
		96	91	80	97	85	103	92		✓	
		93	88	80	98	86	103	94		✓	
		91	84	77	96	86	104	94		✓	
		90	84	74	94	82	102	92		✓	
		92	81	70	92	75	110	98		~7	
		88	79	75	88	76	110	95		✓	
		96	86	76	90	78	108	93		—	
		96	85	78	90	79	108	94		—	
ISSGN											Pass
13CA-1											1492 25-1 Initial (A4I 695)
											Pass
WS13CA-1											1492 25-1 (A4I 695)
		102	96	88	95					—	
		98	100	99	102					—	
		102	102	91	96					X	
		92	89	82	96					X	
		94	91	84	97					X	
		94	89	80	95					X	

NO. _____ Page 1

Date: _____

NO. _____ Page 2

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
7/31/M	1753	JL	L7923	A46959 09 A	46959	25.1	—	1	—	1556N
	1826		L7924	10 A				1		
	1859		L7925	10 MS B				1	WS19AB-5, WSMAA-5	
	1932		L7926	10 SD A				1		
	2004		L7927	11 A				1		
	2037		L7928	12 A				1		
	2110		L7929	13 A				1		
	2143		L7930	14 A				1		
	2215		L7931	15 A				1		
	2248		L7932	16 A 3rd				10		
	2321		L7933	16 ~~B~~				1		
			L7934	BLK				—		
8/2/M		LA	L7935	0802BFBL1		25mL				1556N
			L7936	VSTD005						
			L7937	VSTD025						
			L7938	VSTD010						
			L7939	VSTD002						
			L7940	VSTD001						
			L7941	VSTD002						
			L7942	VSTD001						
			L7943	VSTD005						

STL BUFFALO

000094

Reviewed By _____ NO. _____

Date

MIX #	I.S. / SS MIX #
	ISSGN
1-5	
	1556N

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
	91	86	80	95					X	
	93	90	79	95					X	
	94	92	90	100					X	
	96	91	88	99					X	
	92	86	76	93					X	
	91	85	74	92					X	
	92	95	87	96					X	
	91	92	89	98					X	
	96	99	91	96					X	
	90	94	89	96					X	
	91	93	89	99					X	

PASS

10/92 Low CtP (AuI...)

NO. ______ Page

Date ______

*000095

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S.
7/29/01	1034	RC	P6775	0729BFBP1	QC	1ul	—	—	WS1K-2	
	~~1133~~		P6776	VSTD050		5ml			WS6AG-10, WS12AB-9, WS13BZ-5	
	~~1219~~ 1133		P6777	VSTD050					WS19AA-5, WS19AB-5	
	1219		P6778	MSBFull					WS6AG-10, WS12AB-9, WS13BZ-5	
	1250		P6779	MSB					WS3Y-2	
	1320		P6780	VBLK31						
	1350		P6781	A4695801 B	6958			1		
	1420		P6782	Z-1288 EBLK				10		
	1458		P6783	Z-1287 EBLK				10		
	1521		P6784	A4692~~8~~01	6925			10		
	1551		P6785	A4707501	7075			10		
	~~1622~~		P6786	A4713701	7137			10		
	—		P6787	01MS				10	WS6AC-10, WS12AB-9, WS13BZ-5	
	—		P6788	01SD				10		
	1819		P6789	A4695901	6959			1		
	1914		P6790	02				1		
	1954	RC	P6791	A4655415	6654			2		
	2024		P6792	A4655415				1		
7/29/01	2207	RC	P6793	0729BEBP2	—	25ml	—	—	WS1K-2	ISS 61
	2248		P6794	VSTD025					WS6AC-10, WS12AB-9, WS13BZ-5	
	2321		P6795	VSTD010						
	2355		P6796	VSTD005						
	0028		P6796	VSTD002						
	0102		P6797	VSTD001						
			P6798	VSTD001						

STL BUFFALO

000022

Reviewed By _____ NO. _____

265/433

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
										(Pass)
										N.G.
										(A4I...671) 8260 Swl
	108	105	119	97	90	96	96		—	
	89	89	83	104	103	101	92		—	
	75	78	77	109	~~97~~ 109	97	93		—	
	78	82	79	101	99	92	84		✓	
	72	79	77	109	107	94	89		TCLP	
	73	81	77	100	101	89	83		—	
	71	77	75	104	101	93	84		—	
	65	74	68	109	107	94	85		—	
									—	crash m 7p9fu not needed
									—	↓ ↓ ↓
	93	105	100	106	105	98	91		✓	
	87	88	85	107	108	99	90			
	92	98	102	101	103	95	89		✓ —	
	97	100	107	100	94	96	91		—	Proficiency 2.5ul → 10ml)
										1 5ul → 100ml)
										Pass
										(A4I...692) A5P00 25ml
										Not Needed

26[redacted]

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MI
7/30/04	1459	BT	P6800	0730 BFB P1	—	25 L	—	—	WS1K-2	ISS6M
	1532	〃	P6801	VSTD005						
	1702	PC	P6802	VBLK32						
	1741		P6803	LCS						
	1817		P6804	A41609817 A	69809			1		
	1850		P6805	18						
	1957		P6806	07						
	2031		P6807	01						
	2109		P6808	02						
	2353		P6809	03						
7/31/04	0026		P6810	04						
	0100		P6811	05						
	0133		P6812	~~10MS~~ 06						
			P6813	7/30/04 06 ~~BB~~						
			P6814	08 ~~09~~						
			P6815	1050						
			P6816	09 ~~10MS~~						
			P6817	~~1050~~						

STL BUFFALO

000024

Reviewed By _____ 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
									Pass
									~~A~~ 10/92 25:1 (94I 692)
84	85	66	81					—	
97	101	97	99					—	
~~88~~	~~88~~	67	~~84~~					/	
~~80~~	~~84~~	65	(80)					/	No value
~~87~~	~~87~~	66	(79)				Y	/	Surr out
64	70	63	92					/	
67	72	68	89					/	
71	75	67	91					/	
64	70	61	87					/	
62	67	(58)	88				Y	/	IS out
77	79	91	110					/	
									Crash
									ok 7/29/92
									Not shot on 7/30/92

000025

NO. _____ Page 2

SEMIVOLATILE DATA

QC SUMMARY

ASP 2000 - METHOD 8270 SELECT LIST
WATER SURROGATE RECOVERY

Lab Name: STL Buffalo Contract: _____

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

	Client Sample ID	2FP %REC	#	FBP %REC	#	NBZ %REC	#	PHL %REC	#	TBP %REC	#	TPH %REC	#			TOT OUT
1	A-26S	41		78		72		29		76		82				0
2	A-27S	50		93		82		37		90		100				0
3	A-42S	42		83		76		29		80		90				0
4	A-43S	28		82		73		19		69		78				0
5	DG-1	45		80		72		32		79		89				0
6	Duplicate	48		88		92		34		98		102				0
7	Field Blank	38		70		68		26		85		84				0
8	Matrix Spike Blank	44		82		80		32		93		97				0
9	ME-12	26		90		90		18		94		101				0
10	ME-14	40		76		77		28		87		88				0
11	ME-18	35		87		85		24		95		98				0
12	ME-18	34		85		91		26		76		98				0
13	ME-18	32		79		86		24		71		91				0
14	ME-19	37		84		87		26		96		88				0
15	MW-2	45		83		85		32		105		83				0
16	MW-20	44		83		88		31		103		101				0
17	MW-6	45		83		85		32		96		97				0
18	MW-8	35		75		78		24		82		89				0
19	MW-9/10R	46		77		80		33		88		86				0
20	S Blank	42		78		75		30		97		94				0

			QC LIMITS
2FP	=	2-Fluorophenol	(21-110)
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

ASP 2000 - METHOD 8270 SELECT LIST
WATER MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: SIL Buffalo Contract: _____ Lab Samp ID: A4698910

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

Matrix Spike - Client Sample No.: ME-18

COMPOUND	SPIKE ADDED UG/L	SAMPLE CONCENTRATION UG/L	MS CONCENTRATION UG/L	MS % REC #	QC LIMITS REC.
Phenol	155	0	26.1	17	12 - 110

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	155	24.7	16	6	42	12 - 110

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

* Values outside of QC limits

RPD: 0 out of 1 outside limits
Spike recovery: 0 out of 2 outside limits

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
WATER MATRIX SPIKE BLANK RECOVERY

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4B1345902

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

Matrix Spike - Client Sample No.: S Blank

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Phenol	150	32.8	22	12 - 110

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

* Values outside of QC limits

Spike recovery: 0 out of 1 outside limits

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
METHOD BLANK SUMMARY

Client No.: S Blank

Lab Name: STL Buffalo Contract: _____

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

Lab File ID: Z61766.RR Lab Sample ID: A4B1345902

Instrument ID: I50Z-A Date Extracted: 07/26/2004

Matrix: (soil/water) WATER Date Analyzed: 07/27/2004

Level: (low/med) LOW Time Analyzed: 19:58

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
1	A-26S	A4698901	Z61767.RR	07/27/2004
2	A-27S	A4698902	Z61768.RR	07/27/2004
3	A-42S	A4698903	Z61769.RR	07/27/2004
4	A-43S	A4698904	Z61770.RR	07/27/2004
5	DG-1	A4698905	Z61771.RR	07/27/2004
6	Duplicate	A4698906	Z61775.RR	07/28/2004
7	Field Blank	A4698907	Z61776.RR	07/28/2004
8	Matrix Spike Blank	A4B1345901	Z61765.RR	07/27/2004
9	ME-12	A4698908	Z61777.RR	07/28/2004
10	ME-14	A4698909	Z61778.RR	07/28/2004
11	ME-18	A4698910	Z61779.RR	07/28/2004
12	ME-18	A4698910MS	Z61780.RR	07/28/2004
13	ME-18	A4698910SD	Z61781.RR	07/28/2004
14	ME-19	A4698911	Z61782.RR	07/28/2004
15	MW-2	A4698912	Z61783.RR	07/28/2004
16	MW-20	A4698913	Z61784.RR	07/28/2004
17	MW-6	A4698914	Z61785.RR	07/28/2004
18	MW-8	A4698915	Z61786.RR	07/28/2004
19	MW-9/10R	A4698916	Z61787.RR	07/28/2004

Comments: _____

SHAW E & I
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A4T0001487

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

Lab File ID: Z61103 DFTPP Injection Date: 06/08/2004

Instrument ID: I50Z-A DFTPP Injection Time: 12:33

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	36.7		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	36.7		
70	Less than 2.0% of mass 69	0.0	(0.0)	1
127	40.0 - 60.0% of mass 198	42.2		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.2		
275	10.0 - 30.0% of mass 198	22.3		
365	Greater than 1.00% of mass 198	1.4		
441	Present, but less than mass 443	7.8		
442	40.0 - 110.0% of mass 198	68.2		
443	17.0 - 23.0% of mass 442	12.1	(17.7)	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	A4I0000497-1	Z61104.RR	06/08/2004	13:00
2	SSTD050	A4I0000497-1	Z61105.RR	06/08/2004	13:34
3	SSTD080	A4I0000497-1	Z61106.RR	06/08/2004	14:09
4	SSTD120	A4I0000497-1	Z61107.RR	06/08/2004	14:43
5	SSTD160	A4I0000497-1	Z61108.RR	06/08/2004	15:18

SHAW E & I
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A4T0001998

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

Lab File ID: Z61728 DFTPP Injection Date: 07/26/2004

Instrument ID: I50Z-A DFTPP Injection Time: 09:27

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	44.7		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	45.0		
70	Less than 2.0% of mass 69	0.0	(0.0)	1
127	40.0 - 60.0% of mass 198	44.8		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.5		
275	10.0 - 30.0% of mass 198	23.3		
365	Greater than 1.00% of mass 198	1.8		
441	Present, but less than mass 443	8.3		
442	40.0 - 110.0% of mass 198	71.6		
443	17.0 - 23.0% of mass 442	13.3	(18.6)	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	A4I0000656-1	Z61730.RR	07/26/2004	10:24
2	SSTD050	A4I0000656-1	Z61731.RR	07/26/2004	10:58
3	SSTD080	A4I0000656-1	Z61732.RR	07/26/2004	11:33
4	SSTD120	A4I0000656-1	Z61733.RR	07/26/2004	12:07
5	SSTD160	A4I0000656-1	Z61734.RR	07/26/2004	12:41
6	SSTD020	A4I0000657-1	Z61735.RR	07/26/2004	13:16
7	SSTD050	A4I0000657-1	Z61736.RR	07/26/2004	13:50
8	SSTD080	A4I0000657-1	Z61737.RR	07/26/2004	14:25
9	SSTD120	A4I0000657-1	Z61738.RR	07/26/2004	14:59
10	SSTD160	A4I0000657-1	Z61739.RR	07/26/2004	15:33

SHAW E & I
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A4T0002005

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

Lab File ID: Z61750 DFTPP Injection Date: 07/27/2004

Instrument ID: I50Z-A DFTPP Injection Time: 10:59

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	44.2		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	43.7		
70	Less than 2.0% of mass 69	0.0	(0.1)	1
127	40.0 - 60.0% of mass 198	44.3		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.3		
275	10.0 - 30.0% of mass 198	23.2		
365	Greater than 1.00% of mass 198	1.8		
441	Present, but less than mass 443	8.4		
442	40.0 - 110.0% of mass 198	71.6		
443	17.0 - 23.0% of mass 442	12.5	(17.5)	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	A4C0002778-1	Z61751.RR	07/27/2004	11:18
2	SSTD050	A4C0002778-2	Z61752.RR	07/27/2004	11:58
3	SSTD050	A4C0002778-3	Z61753.RR	07/27/2004	12:32
4	Matrix Spike Blank	A4B1345901	Z61765.RR	07/27/2004	19:24
5	S Blank	A4B1345902	Z61766.RR	07/27/2004	19:58
6	A-26S	A4698901	Z61767.RR	07/27/2004	20:33
7	A-27S	A4698902	Z61768.RR	07/27/2004	21:07
8	A-42S	A4698903	Z61769.RR	07/27/2004	21:41
9	A-43S	A4698904	Z61770.RR	07/27/2004	22:16
10	DG-1	A4698905	Z61771.RR	07/27/2004	22:50

SHAW E & I
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A4T0002019

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

Lab File ID: Z61772 DFTPP Injection Date: 07/28/2004

Instrument ID: I50Z-A DFTPP Injection Time: 08:59

m/e	ION Abundance Criteria	% Relative Abundance		
51	30.0 - 60.0% of mass 198	46.8		
68	Less than 2.0% of mass 69	0.0	(0.0)	1
69	Present	46.9		
70	Less than 2.0% of mass 69	0.1	(0.2)	1
127	40.0 - 60.0% of mass 198	46.7		
197	Less than 1.0% of mass 198	0.0		
198	Base peak, 100% relative abundance	100.0		
199	5.0 - 9.0% of mass 198	6.3		
275	10.0 - 30.0% of mass 198	22.7		
365	Greater than 1.00% of mass 198	1.8		
441	Present, but less than mass 443	7.4		
442	40.0 - 110.0% of mass 198	63.9		
443	17.0 - 23.0% of mass 442	11.4	(17.9)	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	A4C0002930-1	Z61773.RR	07/28/2004	09:17
2	Duplicate	A4698906	Z61775.RR	07/28/2004	10:29
3	Field Blank	A4698907	Z61776.RR	07/28/2004	11:04
4	ME-12	A4698908	Z61777.RR	07/28/2004	11:38
5	ME-14	A4698909	Z61778.RR	07/28/2004	12:13
6	ME-18	A4698910	Z61779.RR	07/28/2004	12:47
7	ME-18	A4698910MS	Z61780.RR	07/28/2004	13:22
8	ME-18	A4698910SD	Z61781.RR	07/28/2004	13:56
9	ME-19	A4698911	Z61782.RR	07/28/2004	14:31
10	MW-2	A4698912	Z61783.RR	07/28/2004	15:05
11	MW-20	A4698913	Z61784.RR	07/28/2004	15:39
12	MW-6	A4698914	Z61785.RR	07/28/2004	16:14
13	MW-8	A4698915	Z61786.RR	07/28/2004	16:48
14	MW-9/10R	A4698916	Z61787.RR	07/28/2004	17:22

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002778

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

Lab File ID (Standard): Z61751.RR Date Analyzed: 07/27/2004

Instrument ID: I50Z-A Time Analyzed: 11:18

		IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	867392		14.92		1423023		21.57		437981		7.90	
	UPPER LIMIT	1734784		15.42		2846046		22.07		875962		8.40	
	LOWER LIMIT	433696		14.42		711512		21.07		218991		7.40	
	CLIENT SAMPLE												
1	A-26S	763058		14.90		1320172		21.55		371916		7.90	
2	A-27S	653046		14.90		1092371		21.55		309260		7.90	
3	A-42S	724716		14.90		1201787		21.55		351057		7.90	
4	A-43S	761883		14.90		1345570		21.55		369203		7.90	
5	DG-1	700581		14.90		1190848		21.55		338855		7.90	
6	Matrix Spike Blank	692887		14.90		1028627		21.55		331471		7.90	
7	S Blank	718526		14.92		1115075		21.57		333963		7.90	

	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

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002778

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

Lab File ID (Standard): Z61751.RR Date Analyzed: 07/27/2004

Instrument ID: I50Z-A Time Analyzed: 11:18

		IS4 (NPT) AREA	#	RT	#	IS5 (PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1441043		10.78		1358748		17.62		1218061		24.08	
	UPPER LIMIT	2882086		11.28		2717496		18.12		2436122		24.58	
	LOWER LIMIT	720522		10.28		679374		17.12		609031		23.58	
	CLIENT SAMPLE												
1	A-26S	1396364		10.78		1286287		17.62		1293943		24.07	
2	A-27S	1175673		10.78		1175063		17.62		1094528		24.07	
3	A-42S	1307334		10.78		1223450		17.62		1246978		24.07	
4	A-43S	1401720		10.78		1287387		17.62		1283072		24.07	
5	DG-1	1280563		10.78		1172826		17.62		1161513		24.07	
6	Matrix Spike Blank	1235700		10.78		1060656		17.62		1017350		24.07	
7	S Blank	1221462		10.78		1087352		17.62		1088298		24.08	

	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

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002930

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

Lab File ID (Standard): Z61773.RR Date Analyzed: 07/28/2004

Instrument ID: I50Z-A Time Analyzed: 09:17

		IS1 (ANT) AREA	#	RT	#	IS2 (CRY) AREA	#	RT	#	IS3 (DCB) AREA	#	RT	#
	12 HOUR STD	832876		14.90		1404848		21.57		421372		7.88	
	UPPER LIMIT	1665752		15.40		2809696		22.07		842744		8.38	
	LOWER LIMIT	416438		14.40		702424		21.07		210686		7.38	
	CLIENT SAMPLE												
1	Duplicate	615888		14.90		1002153		21.55		292246		7.90	
2	Field Blank	620612		14.90		969492		21.55		310877		7.90	
3	ME-12	610795		14.90		986065		21.55		298714		7.90	
4	ME-14	710018		14.90		1204850		21.55		346426		7.90	
5	ME-18	633676		14.90		1035909		21.55		323371		7.90	
6	ME-18	629146		14.90		992192		21.55		308518		7.90	
7	ME-18	687443		14.90		1089221		21.55		326911		7.90	
8	ME-19	635317		14.90		1027831		21.55		311173		7.90	
9	MW-2	608347		14.90		971197		21.55		304760		7.90	
10	MW-20	633039		14.90		1073586		21.55		295730		7.88	
11	MW-6	639765		14.90		980479		21.55		316453		7.90	
12	MW-8	676236		14.90		1153222		21.55		329922		7.90	
13	MW-9/10R	715253		14.90		1189949		21.55		351742		7.90	

	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

ASP 2000 - METHOD 8270 SELECT LIST
SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A4C0002930

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

Lab File ID (Standard): Z61773.RR Date Analyzed: 07/28/2004

Instrument ID: I50Z-A Time Analyzed: 09:17

		IS4 (NPT) AREA	#	RT	#	IS5 (PHN) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	1462297		10.78		1424219		17.62		1231936		24.07	
	UPPER LIMIT	2924594		11.28		2848438		18.12		2463872		24.57	
	LOWER LIMIT	731149		10.28		712110		17.12		615968		23.57	
	CLIENT SAMPLE												
1	Duplicate	1084811		10.77		1051497		17.62		1013571		24.07	
2	Field Blank	1137709		10.77		1021369		17.62		1004653		24.07	
3	ME-12	1106782		10.77		984585		17.62		1016979		24.07	
4	ME-14	1271372		10.77		1233630		17.62		1229701		24.07	
5	ME-18	1177182		10.77		1055074		17.62		1077165		24.07	
6	ME-18	1162667		10.78		1065518		17.62		1078399		24.07	
7	ME-18	1226916		10.78		1138413		17.62		1209850		24.07	
8	ME-19	1133225		10.77		1059250		17.62		1092777		24.07	
9	MW-2	1124026		10.77		983735		17.62		1039170		24.07	
0	MW-20	1089402		10.77		1059728		17.62		1203077		24.07	
1	MW-6	1180679		10.77		1057334		17.62		1117742		24.07	
2	MW-8	1216633		10.77		1137617		17.62		1178788		24.07	
3	MW-9/10R	1294701		10.77		1183189		17.62		1264383		24.07	

	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

LAB: RECNY
METHOD: 8270
PROTOCOL: ASP00

PROTOCOL	METHOD	FRACTION	LAB	PARAMETER	SOLID CRQL/EQL	AQUEOUS CRQL/EQL	SOLID MDL	AQUEOUS MDL	SOLID UM	AQUEOUS UM	METHOD TDL	EXCEPT
ASP00	8270	MB	A	0,0,0-Triethylphosphorothioate	330.00000	10.00000	330.00000	4.40146	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,2,3,4-Tetrachlorobenzene (TIC)	330.00000	10.00000	330.00000	1.96000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,2,3-Trichlorobenzene	330.00000	10.00000	330.00000	3.10000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,2,4,5-Tetrachlorobenzene	330.00000	10.00000	330.00000	3.70277	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,2,4-Trichlorobenzene	330.00000	10.00000	1.31189	2.45343	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,2-Dichlorobenzene	330.00000	10.00000	2.28873	2.50026	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,2-Diphenylhydrazine	330.00000	10.00000	2.76270	2.67061	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,3-Dichlorobenzene	330.00000	10.00000	1.97223	2.43174	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,4-Dichlorobenzene	330.00000	10.00000	3.16940	2.45154	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,4-Dinitrobenzene	1300.00000	40.00000	330.00000	4.11482	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,4-Dioxane	330.00000	10.00000	330.00000	2.29722	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1,4-Naphthoquinone	330.00000	10.00000	330.00000	3.34447	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1-Methylphenanthrene	0.00000	0.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	1-Naphthylamine	330.00000	10.00000	330.00000	2.76584	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,2'-Oxybis(1-Chloropropane)	330.00000	10.00000	2.21267	1.77674	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,3,4,6-Tetrachlorophenol	330.00000	10.00000	330.00000	2.39905	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,3,5-Trimethylnaphthalene	0.00000	0.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,3,6-Trichlorotoluene (TIC)	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,3-Dichlorotoluene (TIC)	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,4,5-Trichlorophenol	330.00000	10.00000	2.00869	3.21403	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,4,5-Trichlorotoluene (TIC)	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,4,6-Trichlorophenol	330.00000	10.00000	2.15798	1.91629	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,4-Dichlorobenzotrifluoride (TIC)	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,4-Dichlorophenol	330.00000	10.00000	1.87166	2.13095	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,4-Dichlorotoluene (TIC)	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,4-Dimethylphenol	330.00000	10.00000	2.58512	1.60073	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,4-Dinitrophenol	800.00000	25.00000	4.75536	10.50799	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,4-Dinitrotoluene	330.00000	10.00000	1.87323	3.52456	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,5-Dichlorotoluene (TIC)	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,6-Dichlorophenol	330.00000	10.00000	330.00000	4.11482	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,6-Dichlorotoluene (TIC)	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,6-Dimethylnaphthalene	0.00000	0.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2,6-Dinitrotoluene	330.00000	10.00000	3.93535	2.66652	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Acetylaminofluorene	660.00000	20.00000	330.00000	5.39905	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Chloro-1,3-butadiene	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Chloronaphthalene	330.00000	10.00000	2.59392	1.93735	UG/KG	UG/L	CRQL	N

LAB: RECNY
METHOD: 8270
PROTOCOL: ASP00

PROTOCOL	METHOD	FRACTION	LAB	PARAMETER	SOLID CRQL/EQL	AQUEOUS CRQL/EQL	SOLID MDL	AQUEOUS MDL	SOLID UM	AQUEOUS UM	METHOD TDL	EXCEPT
ASP00	8270	MB	A	2-Chlorophenol	330.00000	10.00000	2.37391	1.00199	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Mercaptobenzothiazole	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Methyl-1,3-Dioxolane	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Methylnaphthalene	330.00000	10.00000	1.33326	2.19004	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Methylphenol	330.00000	10.00000	4.78459	2.07000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Naphthylamine	330.00000	10.00000	330.00000	3.57400	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Nitroaniline	800.00000	25.00000	2.31325	4.49732	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Nitrophenol	330.00000	10.00000	2.40660	1.99518	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	2-Nitropropane	0.00000	0.00000	330.00000	0.00000	UG/KG	UG/L	CRQL	Y
ASP00	8270	MB	A	2-Picoline	330.00000	10.00000	790.00000	2.67218	UG/KG	UG/L	CRQL	Y
ASP00	8270	MB	A	2-sec-Butyl-4,6-dinitrophenol	330.00000	10.00000	330.00000	2.54457	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	3,3'-Dichlorobenzidine	330.00000	10.00000	1.86317	7.43225	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	3,3'-Dimethylbenzidine	330.00000	10.00000	330.00000	2.30000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	3,4-Dichlorobenzotrifluoride (TIC)	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	3,4-Dichlorotoluene (TIC)	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	3- & 4-Methylphenol	660.00000	20.00000	330.00000	4.50000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	3-Methylcholanthrene	330.00000	10.00000	330.00000	2.03635	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	3-Methylphenol	330.00000	10.00000	330.00000	3.40921	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	3-Nitroaniline	800.00000	25.00000	2.00146	3.50287	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4,4'-Methylenebis(2-chloroaniline)	3300.00000	100.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4,6-Dinitro-2-methylphenol	800.00000	25.00000	4.83833	7.62052	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4-Aminobiphenyl	330.00000	10.00000	330.00000	3.64300	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4-Bromophenyl phenyl ether	330.00000	10.00000	2.88967	2.50000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4-Chloro-3-methylphenol	330.00000	10.00000	2.40848	2.72844	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4-Chloroaniline	330.00000	10.00000	1.57496	1.05196	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4-Chlorophenyl phenyl ether	330.00000	10.00000	2.16396	2.41602	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4-Methylphenol	330.00000	10.00000	2.33053	1.09345	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4-Nitroaniline	800.00000	25.00000	2.18470	3.13703	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4-Nitrophenol	800.00000	25.00000	2.12027	15.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	4-Nitroquinoline-1-oxide	330.00000	10.00000	330.00000	1.89083	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	5-Nitro-o-toluidine	330.00000	10.00000	330.00000	2.11932	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	7,12-Dimethylbenz(a)anthracene	330.00000	10.00000	330.00000	3.41204	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Acenaphthene	330.00000	10.00000	1.39486	1.61393	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Acenaphthylene	330.00000	10.00000	2.58009	2.81267	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Acetophenone	330.00000	10.00000	330.00000	4.15096	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Acrylamide	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N

LAB: RECNY
METHOD: 8270
PROTOCOL: ASP00

PROTOCOL	METHOD	FRACTION	LAB	PARAMETER	SOLID CRQL/EQL	AQUEOUS CRQL/EQL	SOLID MDL	AQUEOUS MDL	SOLID UM	AQUEOUS UM	METHOD TDL	EXCEPT
ASP00	8270	MB	A	Aniline	330.00000	10.00000	1.90874	0.81000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Anthracene	330.00000	10.00000	3.88098	3.29921	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Aramite	660.00000	20.00000	330.00000	5.60365	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Atrazine	330.00000	10.00000	330.00000	2.54000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzaldehyde	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzidine	330.00000	10.00000	6.95797	3.55128	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzo(a)anthracene	330.00000	10.00000	3.39884	3.14017	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzo(a)pyrene	330.00000	10.00000	1.64505	3.35170	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzo(b)fluoranthene	330.00000	10.00000	2.36039	3.22032	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzo(ghi)perylene	330.00000	10.00000	2.44840	1.73054	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzo(k)fluoranthene	330.00000	10.00000	2.80638	3.27123	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzoic acid	1700.00000	50.00000	6.00439	7.30842	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzothiazole (TIC)	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Benzyl alcohol	330.00000	10.00000	3.22503	1.79000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Biphenyl	330.00000	10.00000	0.75330	2.43500	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Bis(2-chloroethoxy) methane	330.00000	10.00000	1.64127	2.09858	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Bis(2-chloroethyl) ether	330.00000	10.00000	1.90874	2.43771	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Bis(2-ethylhexyl) phthalate	330.00000	10.00000	1.77014	7.17641	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Butyl benzyl phthalate	330.00000	10.00000	2.98962	7.47154	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Butyl carbitol acetate	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Butylated hydroxytoluene	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Caprolactam	330.00000	10.00000	1.30800	4.59000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Carbazole	330.00000	10.00000	2.28025	2.53074	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Chlorobenzilate	330.00000	10.00000	330.00000	3.42587	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Chrysene	330.00000	10.00000	2.79821	1.79120	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Di-n-butyl phthalate	330.00000	10.00000	3.13671	6.64053	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Di-n-octyl phthalate	330.00000	10.00000	1.46904	6.95326	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Diallate	330.00000	10.00000	330.00000	3.19203	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Dibenzo(a,e)pyrene	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Dibenzo(a,h)anthracene	330.00000	10.00000	1.64316	3.23195	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Dibenzofuran	330.00000	10.00000	1.92352	2.50969	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Diethyl phthalate	330.00000	10.00000	3.02042	2.98931	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Dimethoate	330.00000	10.00000	330.00000	4.73700	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Dimethoxy ethyl phthalate	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Dimethyl phthalate	330.00000	10.00000	1.99298	2.52540	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Dimethyl terephthalate	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N

LAB: RECNY
METHOD: 8270
PROTOCOL: ASP00

PROTOCOL	METHOD	FRACTION	LAB	PARAMETER	SOLID CRQL/EQL	AQUEOUS CRQL/EQL	SOLID MDL	AQUEOUS MDL	SOLID UM	AQUEOUS UM	METHOD TDL	EXCEPT
ASP00	8270	MB	A	Dimethylnaphthalene	0.00000	0.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Diphenylamine	330.00000	10.00000	330.00000	2.89439	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Disulfoton	330.00000	10.00000	330.00000	3.31838	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Ethyl methane sulfonate	660.00000	20.00000	330.00000	5.14383	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Famphur	660.00000	20.00000	330.00000	14.60000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Fluoranthene	330.00000	10.00000	3.99350	2.20010	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Fluorene	330.00000	10.00000	2.18784	2.71524	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Hexachlorobenzene	330.00000	10.00000	2.86139	1.14311	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Hexachlorobutadiene	330.00000	10.00000	2.37925	3.49564	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Hexachlorocyclopentadiene	330.00000	10.00000	1.64630	23.66648	UG/KG	UG/L	CRQL	Y
ASP00	8270	MB	A	Hexachloroethane	330.00000	10.00000	3.66317	3.47270	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Hexachlorophene	1700.00000	50.00000	330.00000	183.48331	UG/KG	UG/L	CRQL	Y
ASP00	8270	MB	A	Hexachloropropene	330.00000	10.00000	330.00000	2.81581	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Indeno(1,2,3-cd)pyrene	330.00000	10.00000	2.17653	6.26180	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Isodrin	660.00000	20.00000	330.00000	2.89125	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Isophorone	330.00000	10.00000	2.68506	2.50874	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Isosafrole	330.00000	10.00000	330.00000	3.82315	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Kepone	660.00000	25.00000	330.00000	22.60000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Methapyrilene	3300.00000	100.00000	330.00000	5.88181	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Methyl methanesulfonate	330.00000	10.00000	330.00000	2.96919	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Methyl parathion	330.00000	10.00000	330.00000	4.01361	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Methylnaphthalene	0.00000	0.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N,N-Dimethyl formamide	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N-Nitroso-Di-n-propylamine	330.00000	10.00000	2.60052	1.65950	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N-Nitrosodi-n-butylamine	330.00000	10.00000	330.00000	4.08119	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N-Nitrosodiethylamine	660.00000	20.00000	330.00000	3.38061	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N-Nitrosodimethylamine	330.00000	10.00000	3.58239	2.13693	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N-Nitrosomethylethylamine	330.00000	10.00000	330.00000	3.38061	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N-Nitrosomorpholine	330.00000	10.00000	330.00000	3.63677	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N-Nitrosopiperidine	660.00000	20.00000	330.00000	3.03174	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N-Nitrosopyrrolidine	1300.00000	40.00000	330.00000	4.04284	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	N-nitrosodiphenylamine	330.00000	10.00000	2.62661	2.28842	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Naphthalene	330.00000	10.00000	2.19916	2.09984	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Nitrobenzene	330.00000	10.00000	2.88842	2.27459	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Octachlorocyclopentene	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Parathion	330.00000	10.00000	330.00000	4.73933	UG/KG	UG/L	CRQL	N

LAB: RECNY
METHOD: 8270
PROTOCOL: ASP00

PROTOCOL	METHOD	FRACTION	LAB	PARAMETER	SOLID CRQL/EQL	AQUEOUS CRQL/EQL	SOLID MDL	AQUEOUS MDL	SOLID UM	AQUEOUS UM	METHOD TDL	EXCEPT
ASP00	8270	MB	A	Pentachlorobenzene	330.00000	10.00000	330.00000	2.81299	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Pentachloronitrobenzene	660.00000	20.00000	330.00000	2.79664	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Pentachlorophenol	800.00000	25.00000	4.27322	9.53649	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Phenacetin	660.00000	20.00000	330.00000	2.57380	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Phenanthrene	330.00000	10.00000	2.68695	2.44997	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Phenol	330.00000	10.00000	2.35851	1.10000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Phenothiazine	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Phentermine	330.00000	10.00000	330.00000	7.46808	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Phorate	330.00000	10.00000	330.00000	2.47040	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Phthalic anhydride	330.00000	10.00000	330.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Pronamide	330.00000	10.00000	330.00000	3.53179	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Pyrene	330.00000	10.00000	2.08601	1.14185	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Pyridine	3300.00000	100.00000	453.00000	2.24756	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Safrole	330.00000	10.00000	330.00000	4.25656	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Sulfotepp	330.00000	10.00000	330.00000	2.98051	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Thionazin	660.00000	20.00000	330.00000	3.10434	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Total C2-Naphthalenes	0.00000	0.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Total C3-Naphthalenes	0.00000	0.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Tricresylphosphate	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	Triphenylphosphate	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	a,a-Dichlorotoluene (TIC)	330.00000	10.00000	330.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	alpha-BHC	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	beta-BHC	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	delta-BHC	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	gamma-BHC (Lindane)	330.00000	10.00000	0.00000	0.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	m-Dinitrobenzene	330.00000	10.00000	330.00000	2.14541	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	o-Toluidine	330.00000	10.00000	330.00000	3.97495	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	p-Cymene	330.00000	10.00000	330.00000	10.00000	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	p-Dimethylaminoazobenzene	330.00000	10.00000	330.00000	3.65374	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	p-Phenylenediamine	330.00000	10.00000	330.00000	2.27490	UG/KG	UG/L	CRQL	N
ASP00	8270	MB	A	sym-Trinitrobenzene	330.00000	10.00000	330.00000	2.44840	UG/KG	UG/L	CRQL	N

SAMPLE DATA

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-26S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698901

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: Z61767.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

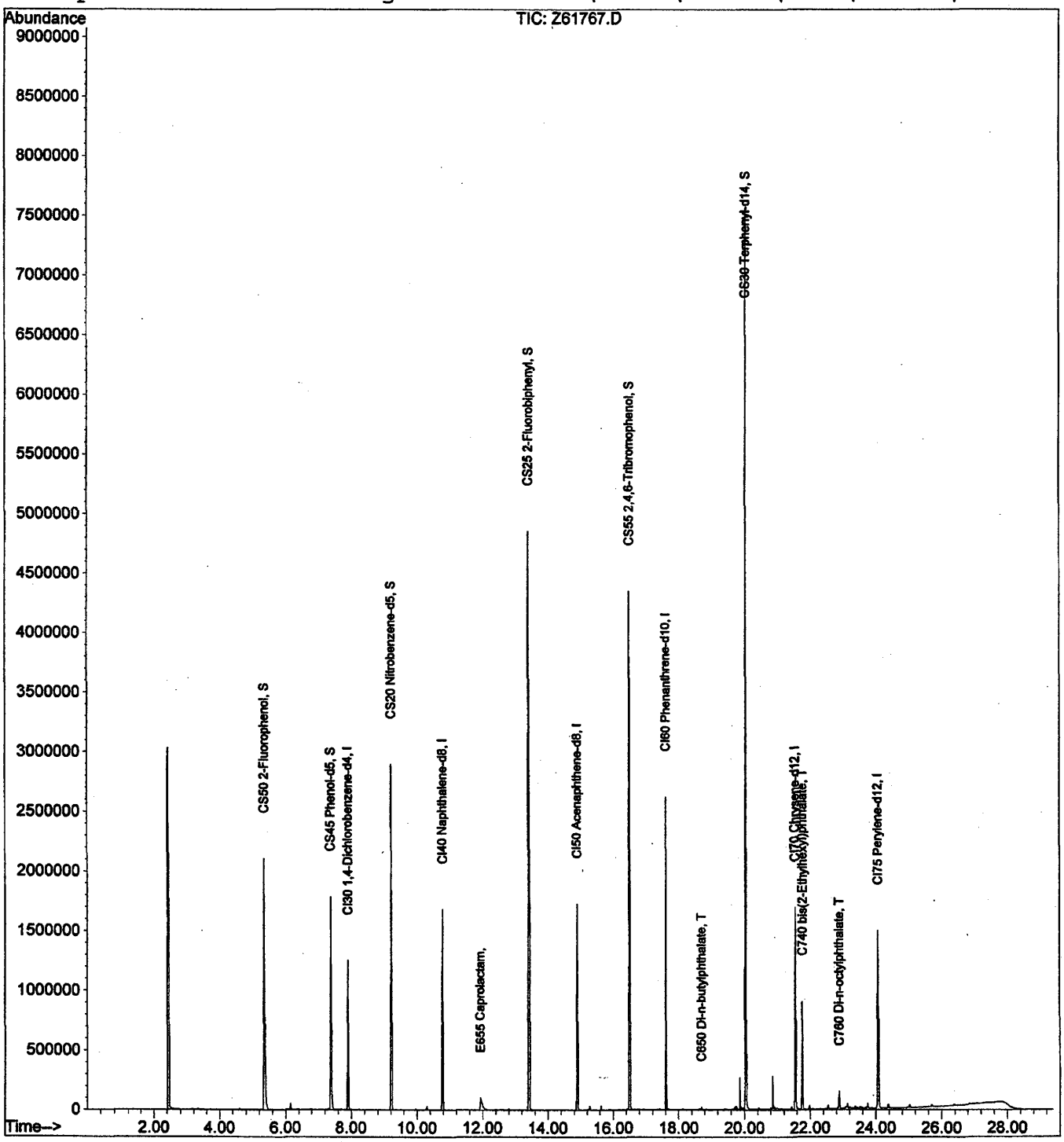
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61767.D Vial: 16
Acq On : 27 Jul 2004 20:33 Operator: PM
Sample : A4698901 AW40017661 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:07 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072704\Z61751.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61767.D Vial: 16
Acq On : 27 Jul 2004 20:33 Operator: PM
Sample : A4698901 AW40017661 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:07 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072704\Z61751.D (27 Jul 2004 11:18)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	371916	40.00	ng	0.00 84.92%
22) CI40 Naphthalene-d8	10.78	136	1396364	40.00	ng	0.00 96.90%
38) CI50 Acenaphthene-d8	14.90	164	763058	40.00	ng	-0.02 87.97%
60) CI60 Phenanthrene-d10	17.62	188	1286287	40.00	ng	0.00 94.67%
73) CI70 Chrysene-d12	21.55	240	1320172	40.00	ng	-0.02 92.77%
82) CI75 Perylene-d12	24.07	264	1293943	40.00	ng	-0.02 106.23%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1356371	123.80	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 82.53%			
6) CS45 Phenol-d5	7.38	99	1190718	87.21	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 58.14%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1895258	144.33	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 144.33%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3290381	156.59	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 156.59%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	969821	228.82	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 152.55%#			
76) CS30 Terphenyl-d14	20.05	244	3703861	164.48	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 164.48%#			

Target Compounds			Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.
4) E600 Benzaldehyde	0.00	77	N.D.
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.
8) C315 Phenol	0.00	94	N.D.
9) C330 2-Chlorophenol	0.00	128	N.D.
10) C320 aniline	0.00	93	N.D.

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61767.D Vial: 16
Acq On : 27 Jul 2004 20:33 Operator: PM
Sample : A4698901 AW40017661 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:07 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.	
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.	
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.	
15)	C345 Benzyl alcohol	0.00	108		N.D.	
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.	
17)	C355 2-Methylphenol	0.00	108		N.D.	
18)	E145 Acetophenone	0.00	105		N.D.	
19)	C375 Hexachloroethane	0.00	117		N.D.	
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.	
21)	C365 4-Methylphenol	0.00	108		N.D.	
24)	C410 Nitrobenzene	0.00	77		N.D.	
25)	C415 Isophorone	0.00	82		N.D.	
26)	C430 benzoic acid	0.00	122		N.D.	
27)	C420 2-Nitrophenol	0.00	139		N.D.	
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.	
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.	
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.	
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.	
32)	C450 Naphthalene	0.00	128		N.D.	
33)	C455 4-Chloroaniline	0.00	127		N.D.	
34)	C460 Hexachlorobutadiene	0.00	225		N.D.	
35)	E655 Caprolactam	11.93	113	53345	30.15 ng	99
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.	
37)	C470 2-Methylnaphthalene	0.00	142		N.D.	
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.	
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.	
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.	
43)	C525 2-Chloronaphthalene	0.00	162		N.D.	
44)	C811 1,1'-Biphenyl	0.00	154		N.D.	
45)	C530 2-Nitroaniline	0.00	65		N.D.	
46)	C540 Acenaphthylene	0.00	152		N.D.	
47)	C535 Dimethylphthalate	0.00	163		N.D.	
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.	
49)	C550 Acenaphthene	0.00	153		N.D.	
50)	C545 3-Nitroaniline	0.00	138		N.D.	
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.	
52)	C565 Dibenzofuran	0.00	168		N.D.	
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.	
54)	C560 4-Nitrophenol	0.00	109		N.D.	
55)	C590 Fluorene	0.00	166		N.D.	

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-27S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698902

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z61768.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

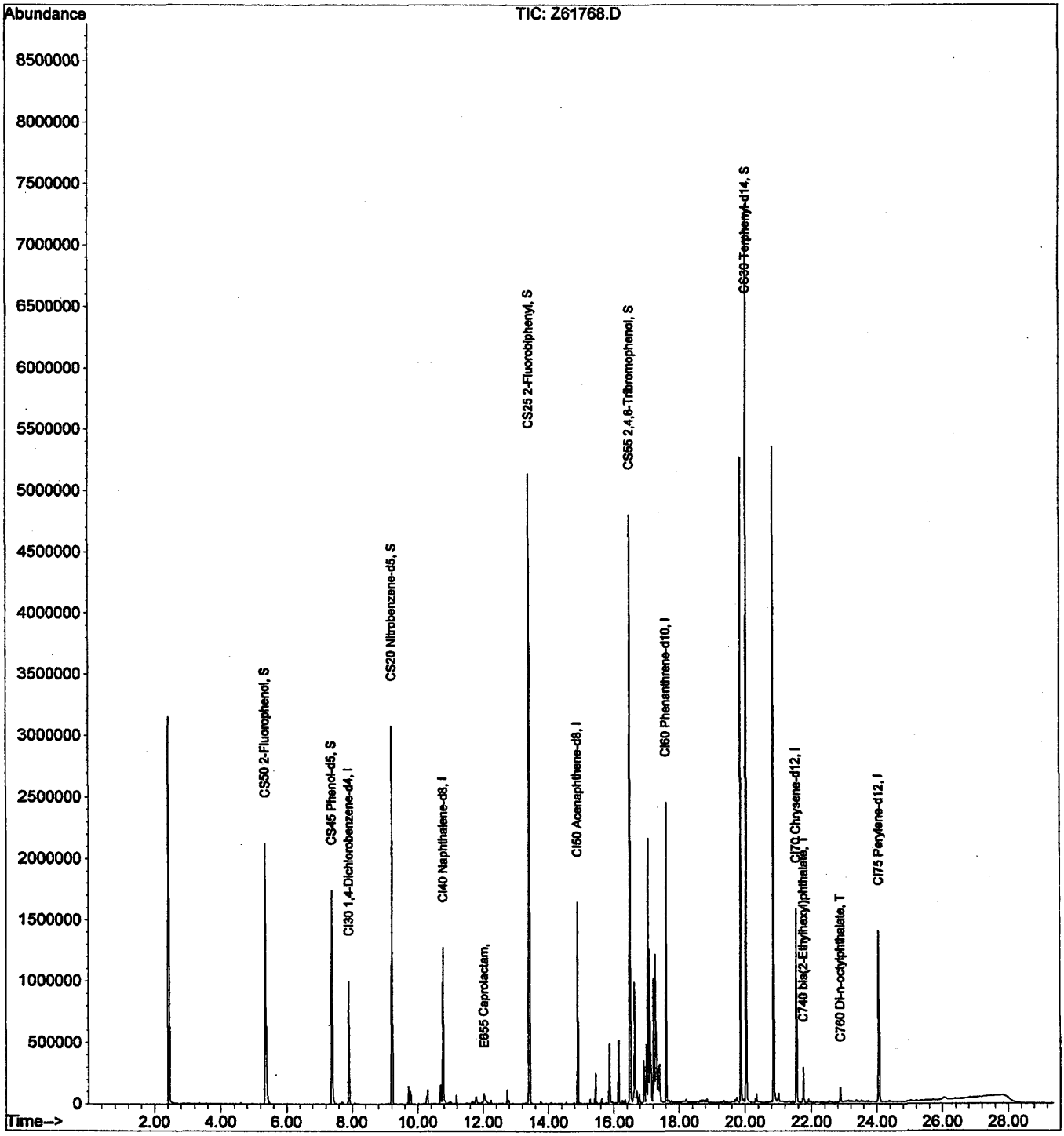
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61768.D Vial: 17
Acq On : 27 Jul 2004 21:07 Operator: PM
Sample : A4698902 AW40017662 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:08 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072704\Z61751.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61768.D Vial: 17
Acq On : 27 Jul 2004 21:07 Operator: PM
Sample : A4698902 AW40017662 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:08 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072704\Z61751.D (27 Jul 2004 11:18)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	309260	40.00	ng	0.00 70.61%
22) CI40 Naphthalene-d8	10.78	136	1175673	40.00	ng	0.00 81.59%
38) CI50 Acenaphthene-d8	14.90	164	653046	40.00	ng	-0.02 75.29%
60) CI60 Phenanthrene-d10	17.62	188	1175063	40.00	ng	0.00 86.48%
73) CI70 Chrysene-d12	21.55	240	1092371	40.00	ng	-0.02 76.76%
82) CI75 Perylene-d12	24.07	264	1094528	40.00	ng	-0.02 89.86%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1379880	151.47	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 100.98%			
6) CS45 Phenol-d5	7.38	99	1246682	109.81	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 73.21%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1804929	163.26	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 163.26%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3357695	186.72	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 186.72%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	1041805	269.07	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 179.38%#			
76) CS30 Terphenyl-d14	20.05	244	3734826	200.44	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 200.44%#			

Target Compounds			Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.
4) E600 Benzaldehyde	0.00	77	N.D.
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.
8) C315 Phenol	0.00	94	N.D.
9) C330 2-Chlorophenol	0.00	128	N.D.
10) C320 aniline	0.00	93	N.D.

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61768.D Vial: 17
Acq On : 27 Jul 2004 21:07 Operator: PM
Sample : A4698902 AW40017662 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:08 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.	
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.	
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.	
15)	C345 Benzyl alcohol	0.00	108		N.D.	
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.	
17)	C355 2-Methylphenol	0.00	108		N.D.	
18)	E145 Acetophenone	0.00	105		N.D.	
19)	C375 Hexachloroethane	0.00	117		N.D.	
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.	
21)	C365 4-Methylphenol	0.00	108		N.D.	
24)	C410 Nitrobenzene	0.00	77		N.D.	
25)	C415 Isophorone	0.00	82		N.D.	
26)	C430 benzoic acid	0.00	122		N.D.	
27)	C420 2-Nitrophenol	0.00	139		N.D.	
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.	
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.	
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.	
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.	
32)	C450 Naphthalene	0.00	128		N.D.	
33)	C455 4-Chloroaniline	0.00	127		N.D.	
34)	C460 Hexachlorobutadiene	0.00	225		N.D.	
35)	E655 Caprolactam	12.03	113	17470	11.73 ng	# 38
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.	
37)	C470 2-Methylnaphthalene	0.00	142		N.D.	
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.	
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.	
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.	
43)	C525 2-Chloronaphthalene	0.00	162		N.D.	
44)	C811 1,1'-Biphenyl	0.00	154		N.D.	
45)	C530 2-Nitroaniline	0.00	65		N.D.	
46)	C540 Acenaphthylene	0.00	152		N.D.	
47)	C535 Dimethylphthalate	0.00	163		N.D.	
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.	
49)	C550 Acenaphthene	0.00	153		N.D.	
50)	C545 3-Nitroaniline	0.00	138		N.D.	
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.	
52)	C565 Dibenzofuran	0.00	168		N.D.	
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.	
54)	C560 4-Nitrophenol	0.00	109		N.D.	
55)	C590 Fluorene	0.00	166		N.D.	

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-42S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698903

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z61769.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

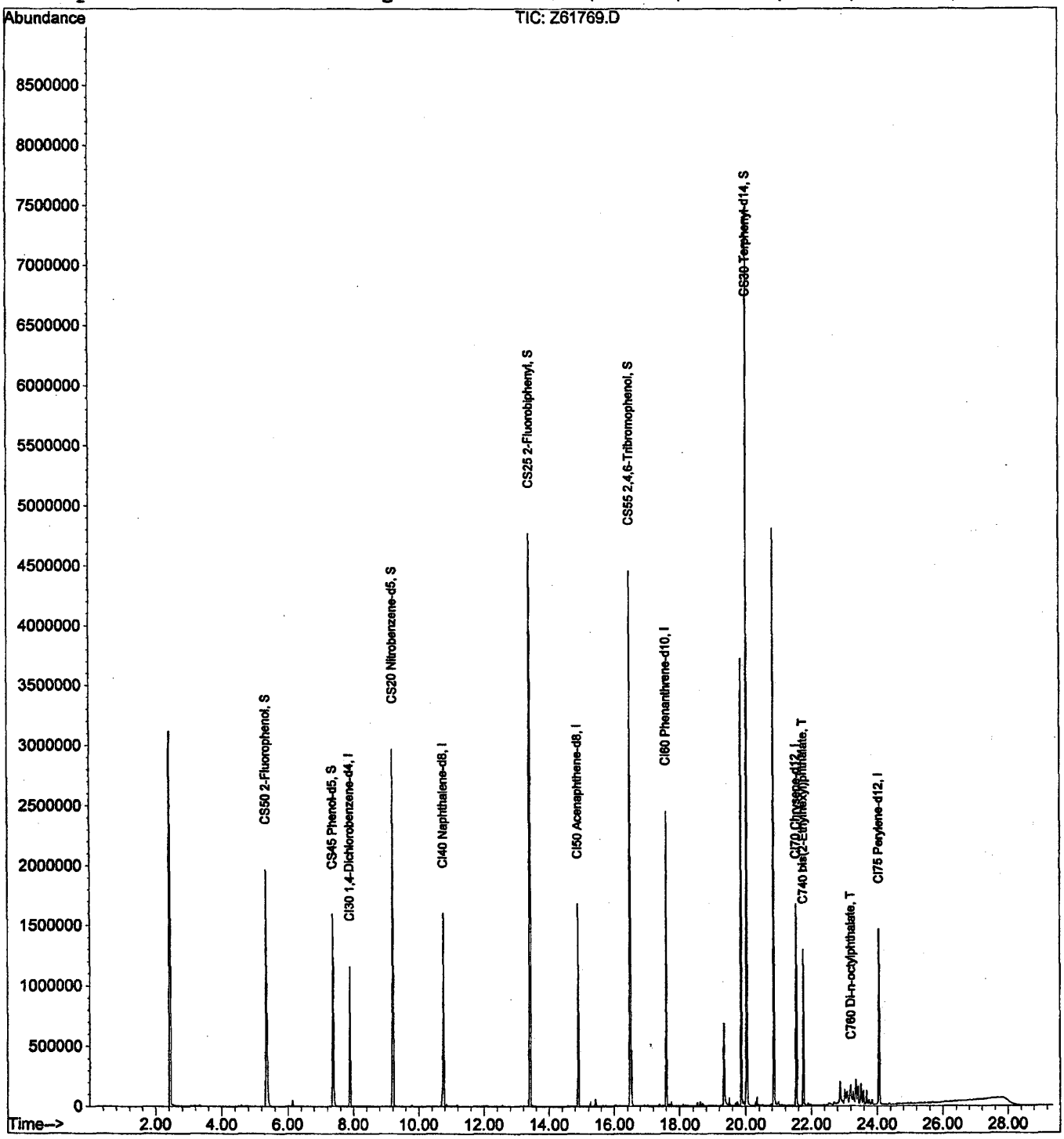
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61769.D Vial: 18
Acq On : 27 Jul 2004 21:41 Operator: PM
Sample : A4698903 AW40017663 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:08 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072704\Z61751.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61769.D Vial: 18
Acq On : 27 Jul 2004 21:41 Operator: PM
Sample : A4698903 AW40017663 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:08 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072704\Z61751.D (27 Jul 2004 11:18)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	351057	40.00	ng	0.00 80.15%
22) CI40 Naphthalene-d8	10.78	136	1307334	40.00	ng	0.00 90.72%
38) CI50 Acenaphthene-d8	14.90	164	724716	40.00	ng	-0.02 83.55%
60) CI60 Phenanthrene-d10	17.62	188	1223450	40.00	ng	0.00 90.04%
73) CI70 Chrysene-d12	21.55	240	1201787	40.00	ng	-0.02 84.45%
82) CI75 Perylene-d12	24.07	264	1246978	40.00	ng	-0.02 102.37%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1301906	125.89	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 83.93%			
6) CS45 Phenol-d5	7.38	99	1123810	87.20	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 58.13%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1866720	151.84	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 151.84%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3314649	166.09	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 166.09%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	968193	240.17	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 160.11%#			
76) CS30 Terphenyl-d14	20.05	244	3706635	180.82	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 180.82%#			

Target Compounds			Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.
4) E600 Benzaldehyde	0.00	77	N.D.
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.
8) C315 Phenol	0.00	94	N.D.
9) C330 2-Chlorophenol	0.00	128	N.D.
10) C320 aniline	0.00	93	N.D.

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61769.D Vial: 18
Acq On : 27 Jul 2004 21:41 Operator: PM
Sample : A4698903 AW40017663 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:08 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.	
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.	
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.	
15)	C345 Benzyl alcohol	0.00	108		N.D.	
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.	
17)	C355 2-Methylphenol	0.00	108		N.D.	
18)	E145 Acetophenone	0.00	105		N.D.	
19)	C375 Hexachloroethane	0.00	117		N.D.	
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.	
21)	C365 4-Methylphenol	0.00	108		N.D.	
24)	C410 Nitrobenzene	0.00	77		N.D.	
25)	C415 Isophorone	0.00	82		N.D.	
26)	C430 benzoic acid	0.00	122		N.D.	
27)	C420 2-Nitrophenol	0.00	139		N.D.	
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.	
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.	
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.	
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.	
32)	C450 Naphthalene	0.00	128		N.D.	
33)	C455 4-Chloroaniline	0.00	127		N.D.	
34)	C460 Hexachlorobutadiene	0.00	225		N.D.	
35)	E655 Caprolactam	0.00	113		N.D.	
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.	
37)	C470 2-Methylnaphthalene	0.00	142		N.D.	
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.	
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.	
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.	
43)	C525 2-Chloronaphthalene	0.00	162		N.D.	
44)	C811 1,1'-Biphenyl	0.00	154		N.D.	
45)	C530 2-Nitroaniline	0.00	65		N.D.	
46)	C540 Acenaphthylene	0.00	152		N.D.	
47)	C535 Dimethylphthalate	0.00	163		N.D.	
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.	
49)	C550 Acenaphthene	0.00	153		N.D.	
50)	C545 3-Nitroaniline	0.00	138		N.D.	
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.	
52)	C565 Dibenzofuran	0.00	168		N.D.	
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.	
54)	C560 4-Nitrophenol	0.00	109		N.D.	
55)	C590 Fluorene	0.00	166		N.D.	

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

A-43S

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698904

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z61770.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

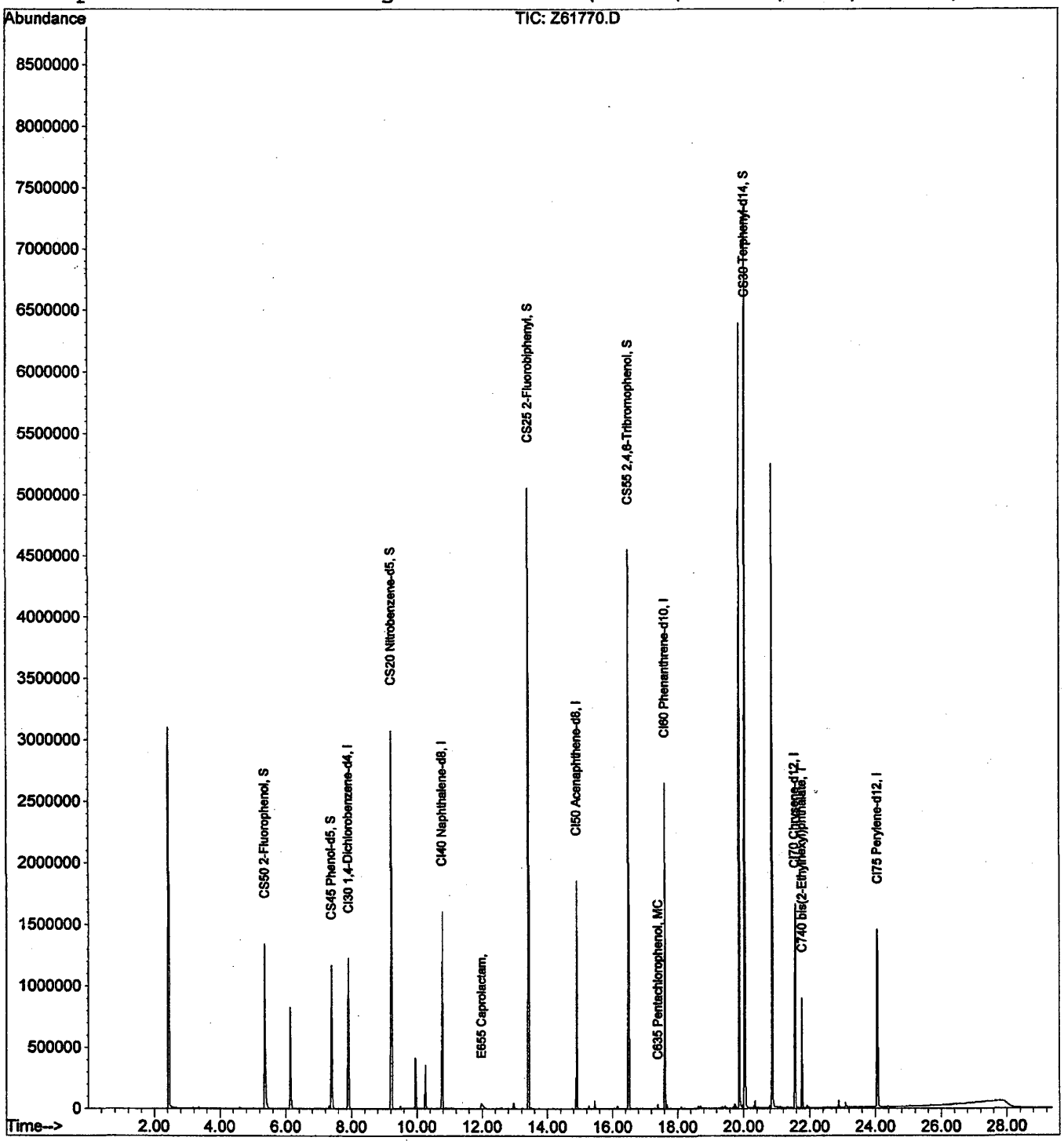
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61770.D Vial: 19
Acq On : 27 Jul 2004 22:16 Operator: PM
Sample : A4698904 AW40017664 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:08 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072704\Z61751.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61770.D Vial: 19
Acq On : 27 Jul 2004 22:16 Operator: PM
Sample : A4698904 AW40017664 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:08 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072704\Z61751.D (27 Jul 2004 11:18)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	369203	40.00	ng	0.00 84.30%
22) CI40 Naphthalene-d8	10.78	136	1401720	40.00	ng	0.00 97.27%
38) CI50 Acenaphthene-d8	14.90	164	761883	40.00	ng	-0.02 87.84%
60) CI60 Phenanthrene-d10	17.62	188	1287387	40.00	ng	0.00 94.75%
73) CI70 Chrysene-d12	21.55	240	1345570	40.00	ng	-0.02 94.56%
82) CI75 Perylene-d12	24.07	264	1283072	40.00	ng	-0.02 105.34%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	905621	83.27	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 55.51%			
6) CS45 Phenol-d5	7.38	99	780569	57.59	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 38.39%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1915938	145.35	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 145.35%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3464492	165.13	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 165.13%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	881895	207.90	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 138.60%#			
76) CS30 Terphenyl-d14	20.05	244	3596219	156.69	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 156.69%#			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.	
4) E600 Benzaldehyde	0.00	77	N.D.	
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.	
8) C315 Phenol	0.00	94	N.D.	
9) C330 2-Chlorophenol	0.00	128	N.D.	
10) C320 aniline	0.00	93	N.D.	

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61770.D Vial: 19
Acq On : 27 Jul 2004 22:16 Operator: PM
Sample : A4698904 AW40017664 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:08 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.		
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.		
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.		
15)	C345 Benzyl alcohol	0.00	108		N.D.		
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.		
17)	C355 2-Methylphenol	0.00	108		N.D.		
18)	E145 Acetophenone	0.00	105		N.D.		
19)	C375 Hexachloroethane	0.00	117		N.D.		
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.		
21)	C365 4-Methylphenol	0.00	108		N.D.		
24)	C410 Nitrobenzene	0.00	77		N.D.		
25)	C415 Isophorone	0.00	82		N.D.		
26)	C430 benzoic acid	0.00	122		N.D.		
27)	C420 2-Nitrophenol	0.00	139		N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.		
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.		
32)	C450 Naphthalene	0.00	128		N.D.		
33)	C455 4-Chloroaniline	0.00	127		N.D.		
34)	C460 Hexachlorobutadiene	0.00	225		N.D.		
35)	E655 Caprolactam	11.98	113	22879	12.88	ng	92
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.		
37)	C470 2-Methylnaphthalene	0.00	142		N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.		
43)	C525 2-Chloronaphthalene	0.00	162		N.D.		
44)	C811 1,1'-Biphenyl	0.00	154		N.D.		
45)	C530 2-Nitroaniline	0.00	65		N.D.		
46)	C540 Acenaphthylene	0.00	152		N.D.		
47)	C535 Dimethylphthalate	0.00	163		N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.		
49)	C550 Acenaphthene	0.00	153		N.D.		
50)	C545 3-Nitroaniline	0.00	138		N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.		
52)	C565 Dibenzofuran	0.00	168		N.D.		
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.		
54)	C560 4-Nitrophenol	0.00	109		N.D.		
55)	C590 Fluorene	0.00	166		N.D.		

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

DG-1

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698905

Sample wt/vol: 920.00 (g/mL) ML Lab File ID: Z61771.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

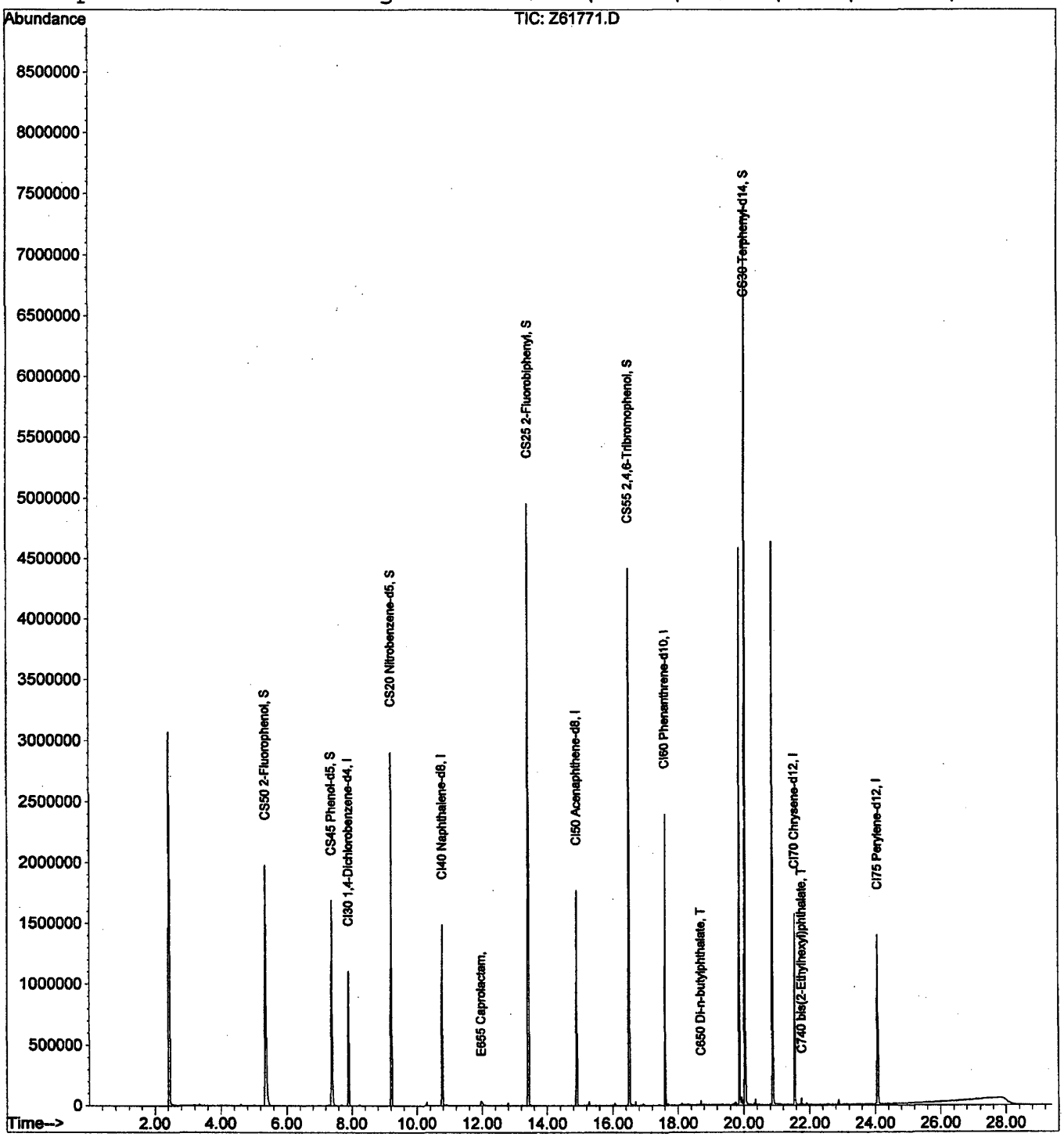
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61771.D Vial: 20
Acq On : 27 Jul 2004 22:50 Operator: PM
Sample : A4698905 AW40017665 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:09 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072704\Z61751.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61771.D Vial: 20
Acq On : 27 Jul 2004 22:50 Operator: PM
Sample : A4698905 AW40017665 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:09 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072704\Z61751.D (27 Jul 2004 11:18)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	338855	40.00	ng	0.00 77.37%
22) CI40 Naphthalene-d8	10.78	136	1280563	40.00	ng	0.00 88.86%
38) CI50 Acenaphthene-d8	14.90	164	700581	40.00	ng	-0.02 80.77%
60) CI60 Phenanthrene-d10	17.62	188	1172826	40.00	ng	0.00 86.32%
73) CI70 Chrysene-d12	21.55	240	1190848	40.00	ng	-0.02 83.68%
82) CI75 Perylene-d12	24.07	264	1161513	40.00	ng	-0.02 95.36%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1350104	135.25	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 90.17%			
6) CS45 Phenol-d5	7.38	99	1200925	96.54	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 64.36%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1727131	143.42	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 143.42%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3108759	161.14	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 161.14%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	918572	237.69	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 158.46%#			
76) CS30 Terphenyl-d14	20.05	244	3630730	178.74	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 178.74%#			

Target Compounds			Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.
4) E600 Benzaldehyde	0.00	77	N.D.
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.
8) C315 Phenol	0.00	94	N.D.
9) C330 2-Chlorophenol	0.00	128	N.D.
10) C320 aniline	0.00	93	N.D.

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61771.D Vial: 20
Acq On : 27 Jul 2004 22:50 Operator: PM
Sample : A4698905 AW40017665 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:09 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.		
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.		
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.		
15)	C345 Benzyl alcohol	0.00	108		N.D.		
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.		
17)	C355 2-Methylphenol	0.00	108		N.D.		
18)	E145 Acetophenone	0.00	105		N.D.		
19)	C375 Hexachloroethane	0.00	117		N.D.		
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.		
21)	C365 4-Methylphenol	0.00	108		N.D.		
24)	C410 Nitrobenzene	0.00	77		N.D.		
25)	C415 Isophorone	0.00	82		N.D.		
26)	C430 benzoic acid	0.00	122		N.D.		
27)	C420 2-Nitrophenol	0.00	139		N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.		
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.		
32)	C450 Naphthalene	0.00	128		N.D.		
33)	C455 4-Chloroaniline	0.00	127		N.D.		
34)	C460 Hexachlorobutadiene	0.00	225		N.D.		
35)	E655 Caprolactam	11.97	113	17899	11.03	ng	90
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.		
37)	C470 2-Methylnaphthalene	0.00	142		N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.		
43)	C525 2-Chloronaphthalene	0.00	162		N.D.		
44)	C811 1,1'-Biphenyl	0.00	154		N.D.		
45)	C530 2-Nitroaniline	0.00	65		N.D.		
46)	C540 Acenaphthylene	0.00	152		N.D.		
47)	C535 Dimethylphthalate	0.00	163		N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.		
49)	C550 Acenaphthene	0.00	153		N.D.		
50)	C545 3-Nitroaniline	0.00	138		N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.		
52)	C565 Dibenzofuran	0.00	168		N.D.		
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.		
54)	C560 4-Nitrophenol	0.00	109		N.D.		
55)	C590 Fluorene	0.00	166		N.D.		

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

Duplicate

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698906

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z61775.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

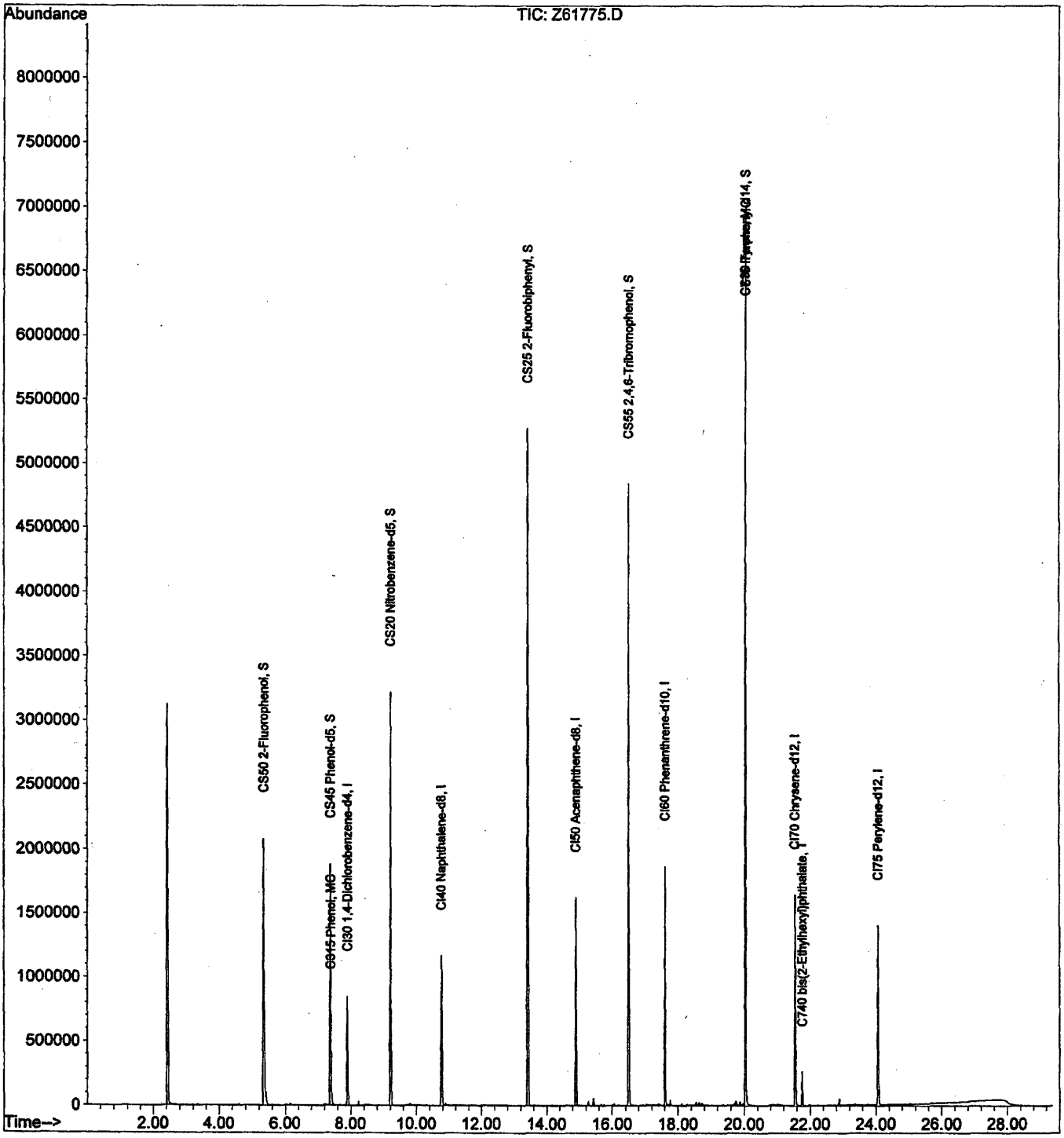
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61775.D Vial: 3
Acq On : 28 Jul 2004 10:29 Operator: PM
Sample : A4698906 AW40017666 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:45 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61775.D Vial: 3
Acq On : 28 Jul 2004 10:29 Operator: PM
Sample : A4698906 AW40017666 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:45 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	292246	40.00	ng	0.02 69.36%
22) CI40 Naphthalene-d8	10.77	136	1084811	40.00	ng	-0.02 74.19%
38) CI50 Acenaphthene-d8	14.90	164	615888	40.00	ng	0.00 73.95%
60) CI60 Phenanthrene-d10	17.62	188	1051497	40.00	ng	0.00 73.83%
73) CI70 Chrysene-d12	21.55	240	1002153	40.00	ng	-0.02 71.34%
82) CI75 Perylene-d12	24.07	264	1013571	40.00	ng	0.00 82.27%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1301337	145.74	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 97.16%			
6) CS45 Phenol-d5	7.38	99	1118997	101.07	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 67.38%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1790679	183.37	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 183.37%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3177185	176.94	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 176.94%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	950849	295.49	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 196.99%#			
76) CS30 Terphenyl-d14	20.05	244	3672697	203.54	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 203.54%#			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74		N.D.		
4) E600 Benzaldehyde	0.00	77		N.D.		
5) C325 bis(2-Chloroethyl)eth	0.00	93		N.D.		
8) ~~C315 Phenol~~	~~7.40~~	~~94~~	~~13736~~	1.10	ng #	1
9) C330 2-Chlorophenol	0.00	128		N.D.		
10) C320 aniline	0.00	93		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61775.D Vial: 3
Acq On : 28 Jul 2004 10:29 Operator: PM
Sample : A4698906 AW40017666 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:45 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

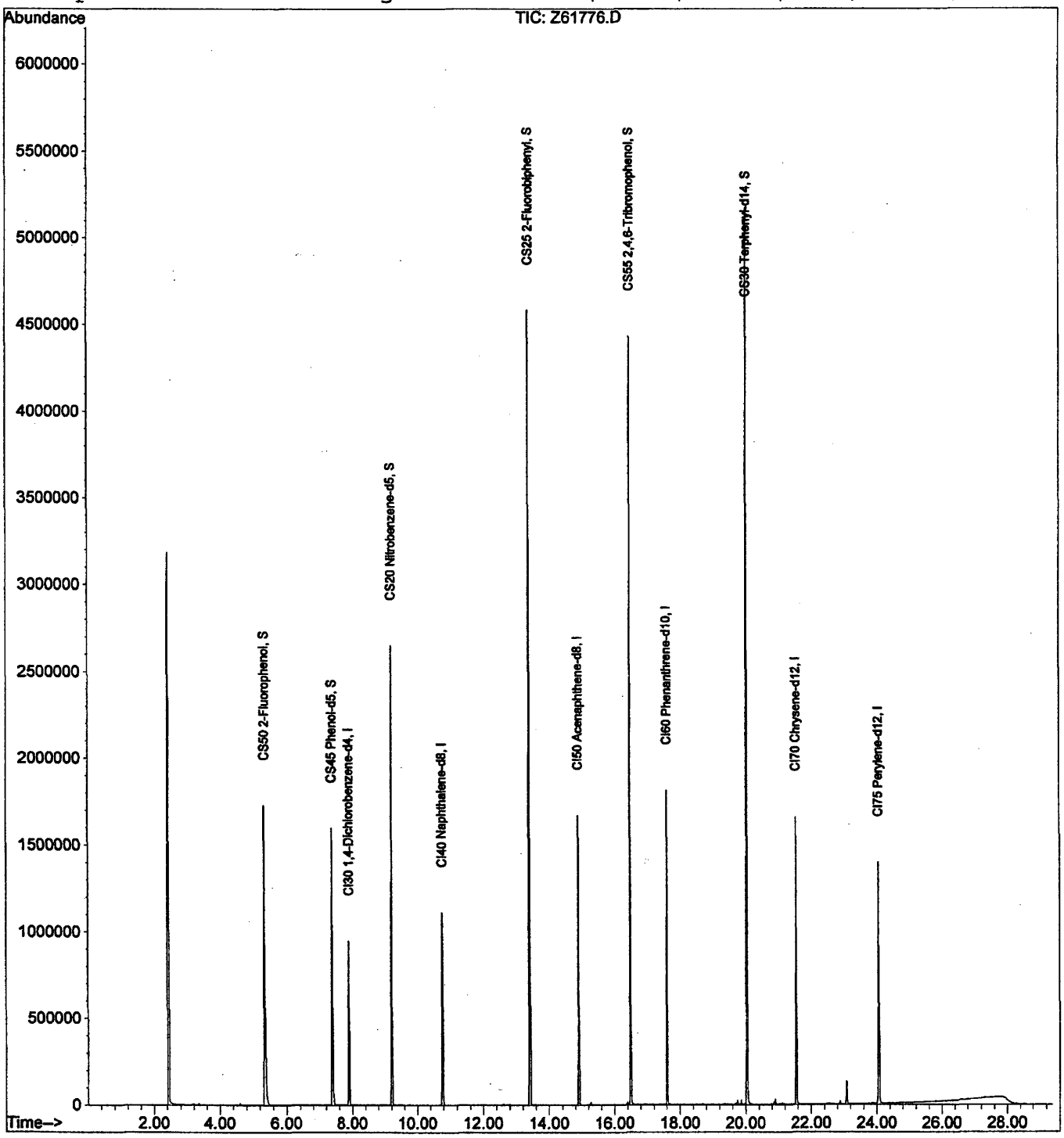
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.	
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.	
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.	
15)	C345 Benzyl alcohol	0.00	108		N.D.	
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.	
17)	C355 2-Methylphenol	0.00	108		N.D.	
18)	E145 Acetophenone	0.00	105		N.D.	
19)	C375 Hexachloroethane	0.00	117		N.D.	
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.	
21)	C365 4-Methylphenol	0.00	108		N.D.	
24)	C410 Nitrobenzene	0.00	77		N.D.	
25)	C415 Isophorone	0.00	82		N.D.	
26)	C430 benzoic acid	0.00	122		N.D.	
27)	C420 2-Nitrophenol	0.00	139		N.D.	
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.	
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.	
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.	
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.	
32)	C450 Naphthalene	0.00	128		N.D.	
33)	C455 4-Chloroaniline	0.00	127		N.D.	
34)	C460 Hexachlorobutadiene	0.00	225		N.D.	
35)	E655 Caprolactam	0.00	113		N.D.	
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.	
37)	C470 2-Methylnaphthalene	0.00	142		N.D.	
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.	
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.	
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.	
43)	C525 2-Chloronaphthalene	0.00	162		N.D.	
44)	C811 1,1'-Biphenyl	0.00	154		N.D.	
45)	C530 2-Nitroaniline	0.00	65		N.D.	
46)	C540 Acenaphthylene	0.00	152		N.D.	
47)	C535 Dimethylphthalate	0.00	163		N.D.	
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.	
49)	C550 Acenaphthene	0.00	153		N.D.	
50)	C545 3-Nitroaniline	0.00	138		N.D.	
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.	
52)	C565 Dibenzofuran	0.00	168		N.D.	
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.	
54)	C560 4-Nitrophenol	0.00	109		N.D.	
55)	C590 Fluorene	0.00	166		N.D.	

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61776.D Vial: 4
Acq On : 28 Jul 2004 11:04 Operator: PM
Sample : A4698907 AW40017667 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:46 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61776.D Vial: 4
Acq On : 28 Jul 2004 11:04 Operator: PM
Sample : A4698907 AW40017667 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:46 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) / Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	310877	40.00	ng	0.02 / 73.78%
22) CI40 Naphthalene-d8	10.77	136	1137709	40.00	ng	-0.02 / 77.80%
38) CI50 Acenaphthene-d8	14.90	164	620612	40.00	ng	0.00 / 74.51%
60) CI60 Phenanthrene-d10	17.62	188	1021369	40.00	ng	0.00 / 71.71%
73) CI70 Chrysene-d12	21.55	240	969492	40.00	ng	-0.02 / 69.01%
82) CI75 Perylene-d12	24.07	264	1004653	40.00	ng	0.00 / 81.55%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1069888	112.64	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 75.09%			
6) CS45 Phenol-d5	7.38	99	927371	78.74	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 52.49%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1404252	137.11	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 137.11%#			
42) CS25 2-Fluorobiphenyl	13.42	172	2540057	140.38	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 140.38%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	794074	254.05	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 169.37%#			
76) CS30 Terphenyl-d14	20.05	244	2926482	167.64	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 167.64%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74		N.D.		
4) E600 Benzaldehyde	0.00	77		N.D.		
5) C325 bis(2-Chloroethyl)eth	0.00	93		N.D.		
8) C315 Phenol	0.00	94		N.D.		
9) C330 2-Chlorophenol	0.00	128		N.D.		
10) C320 aniline	0.00	93		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61776.D Vial: 4
Acq On : 28 Jul 2004 11:04 Operator: PM
Sample : A4698907 AW40017667 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:46 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.	
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.	
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.	
15)	C345 Benzyl alcohol	0.00	108		N.D.	
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.	
17)	C355 2-Methylphenol	0.00	108		N.D.	
18)	E145 Acetophenone	0.00	105		N.D.	
19)	C375 Hexachloroethane	0.00	117		N.D.	
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.	
21)	C365 4-Methylphenol	0.00	108		N.D.	
24)	C410 Nitrobenzene	0.00	77		N.D.	
25)	C415 Isophorone	0.00	82		N.D.	
26)	C430 benzoic acid	0.00	122		N.D.	
27)	C420 2-Nitrophenol	0.00	139		N.D.	
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.	
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.	
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.	
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.	
32)	C450 Naphthalene	0.00	128		N.D.	
33)	C455 4-Chloroaniline	0.00	127		N.D.	
34)	C460 Hexachlorobutadiene	0.00	225		N.D.	
35)	E655 Caprolactam	0.00	113		N.D.	
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.	
37)	C470 2-Methylnaphthalene	0.00	142		N.D.	
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.	
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.	
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.	
43)	C525 2-Chloronaphthalene	0.00	162		N.D.	
44)	C811 1,1'-Biphenyl	0.00	154		N.D.	
45)	C530 2-Nitroaniline	0.00	65		N.D.	
46)	C540 Acenaphthylene	0.00	152		N.D.	
47)	C535 Dimethylphthalate	0.00	163		N.D.	
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.	
49)	C550 Acenaphthene	0.00	153		N.D.	
50)	C545 3-Nitroaniline	0.00	138		N.D.	
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.	
52)	C565 Dibenzofuran	0.00	168		N.D.	
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.	
54)	C560 4-Nitrophenol	0.00	109		N.D.	
55)	C590 Fluorene	0.00	166		N.D.	

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-12

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698908

Sample wt/vol: 960.00 (g/mL) ML Lab File ID: Z61777.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

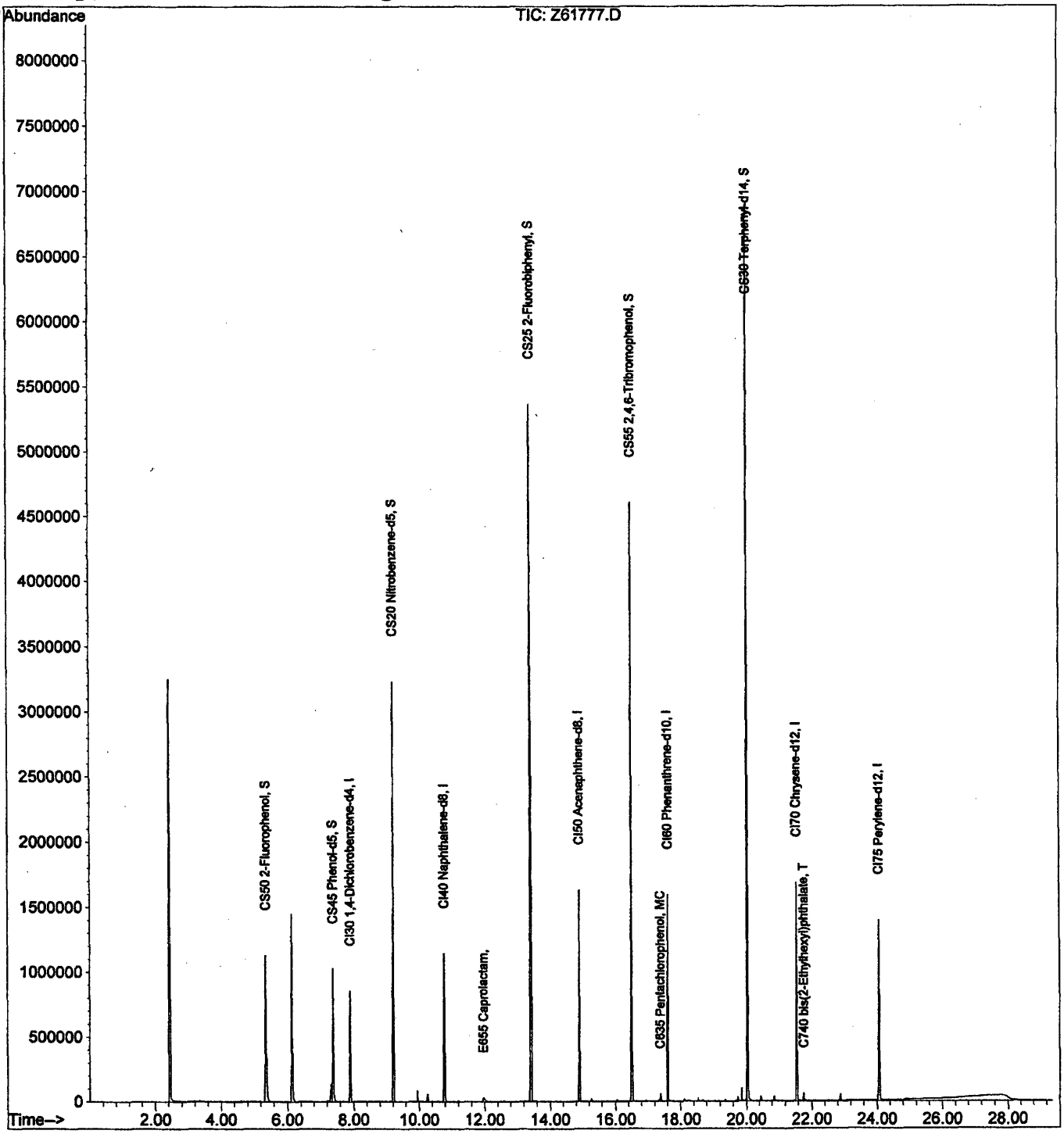
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61777.D Vial: 5
Acq On : 28 Jul 2004 11:38 Operator: PM
Sample : A4698908 AW40017668 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:46 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61777.D Vial: 5
Acq On : 28 Jul 2004 11:38 Operator: PM
Sample : A4698908 AW40017668 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:46 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) / Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	298714	40.00	ng	0.02 / 70.89%
22) CI40 Naphthalene-d8	10.77	136	1106782	40.00	ng	-0.02 / 75.69%
38) CI50 Acenaphthene-d8	14.90	164	610795	40.00	ng	0.00 / 73.34%
60) CI60 Phenanthrene-d10	17.62	188	984585	40.00	ng	0.00 / 69.13%
73) CI70 Chrysene-d12	21.55	240	986065	40.00	ng	-0.02 / 70.19%
82) CI75 Perylene-d12	24.07	264	1016979	40.00	ng	0.00 / 82.55%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	706578	77.42	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 51.61%			
6) CS45 Phenol-d5	7.38	99	608163	53.74	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 35.83%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1799915	180.66	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 180.66%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3195080	179.42	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 179.42%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	852824	283.04	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 188.69%#			
76) CS30 Terphenyl-d14	20.05	244	3600968	202.82	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 202.82%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.			
4) E600 Benzaldehyde	0.00	77	N.D.			
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.			
8) C315 Phenol	0.00	94	N.D.			
9) C330 2-Chlorophenol	0.00	128	N.D.			
10) C320 aniline	0.00	93	N.D.			

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61777.D Vial: 5
Acq On : 28 Jul 2004 11:38 Operator: PM
Sample : A4698908 AW40017668 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:46 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.		
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.		
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.		
15)	C345 Benzyl alcohol	0.00	108		N.D.		
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.		
17)	C355 2-Methylphenol	0.00	108		N.D.		
18)	E145 Acetophenone	0.00	105		N.D.		
19)	C375 Hexachloroethane	0.00	117		N.D.		
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.		
21)	C365 4-Methylphenol	0.00	108		N.D.		
24)	C410 Nitrobenzene	0.00	77		N.D.		
25)	C415 Isophorone	0.00	82		N.D.		
26)	C430 benzoic acid	0.00	122		N.D.		
27)	C420 2-Nitrophenol	0.00	139		N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.		
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.		
32)	C450 Naphthalene	0.00	128		N.D.		
33)	C455 4-Chloroaniline	0.00	127		N.D.		
34)	C460 Hexachlorobutadiene	0.00	225		N.D.		
35)	E655 Caprolactam	11.97	130	15554	7.28	ng	90
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.		
37)	C470 2-Methylnaphthalene	0.00	142		N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.		
43)	C525 2-Chloronaphthalene	0.00	162		N.D.		
44)	C811 1,1'-Biphenyl	0.00	154		N.D.		
45)	C530 2-Nitroaniline	0.00	65		N.D.		
46)	C540 Acenaphthylene	0.00	152		N.D.		
47)	C535 Dimethylphthalate	0.00	163		N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.		
49)	C550 Acenaphthene	0.00	153		N.D.		
50)	C545 3-Nitroaniline	0.00	138		N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.		
52)	C565 Dibenzofuran	0.00	168		N.D.		
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.		
54)	C560 4-Nitrophenol	0.00	109		N.D.		
55)	C590 Fluorene	0.00	166		N.D.		

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-14

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698909

Sample wt/vol: 1060.0 (g/mL) ML Lab File ID: Z61778.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

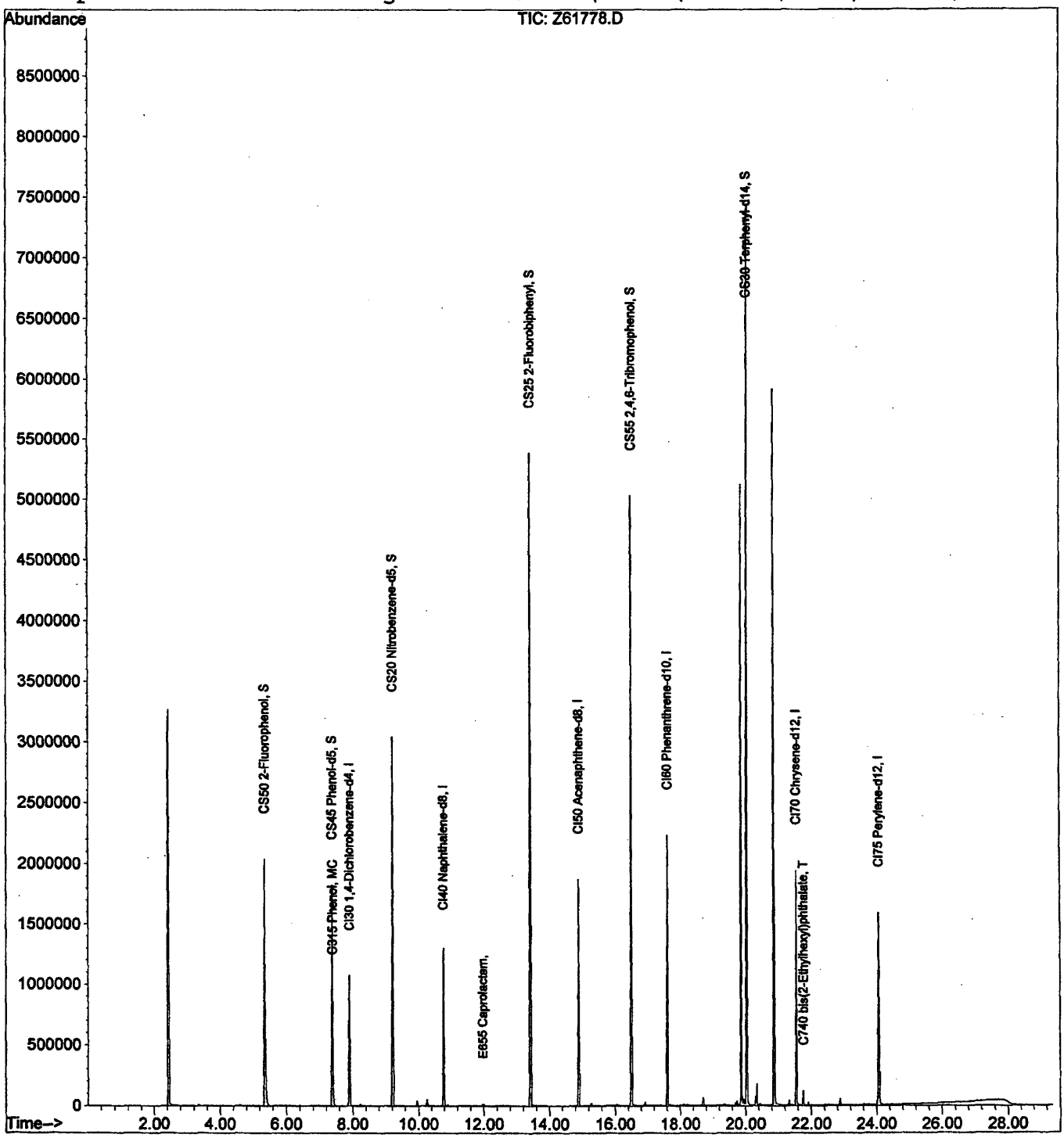
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61778.D Vial: 6
Acq On : 28 Jul 2004 12:13 Operator: PM
Sample : A4698909 AW40017669 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:47 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61778.D Vial: 6
Acq On : 28 Jul 2004 12:13 Operator: PM
Sample : A4698909 AW40017669 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:47 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) / Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	346426	40.00	ng	0.02 / 82.21%
22) CI40 Naphthalene-d8	10.77	136	1271372	40.00	ng	-0.02 / 86.94%
38) CI50 Acenaphthene-d8	14.90	164	710018	40.00	ng	0.00 / 85.25%
60) CI60 Phenanthrene-d10	17.62	188	1233630	40.00	ng	0.00 / 86.62%
73) CI70 Chrysene-d12	21.55	240	1204850	40.00	ng	-0.02 / 85.76%
82) CI75 Perylene-d12	24.07	264	1229701	40.00	ng	0.00 / 99.82%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1277820	120.72	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 80.48%			
6) CS45 Phenol-d5	7.38	99	1126010	85.80	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 57.20%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1768602	154.54	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 154.54%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3126561	151.04	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 151.04%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	990105	262.26	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 174.84%#			
76) CS30 Terphenyl-d14	20.05	244	3802029	175.26	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 175.26%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74		N.D.		
4) E600 Benzaldehyde	0.00	77		N.D.		
5) C325 bis(2-Chloroethyl)eth	0.00	93		N.D.		
~~8) C315 Phenol~~	~~7.40~~	~~94~~	~~9480~~	~~0.64~~	~~ng~~	~~#~~ 1
9) C330 2-Chlorophenol	0.00	128		N.D.		
10) C320 aniline	0.00	93		N.D.		

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

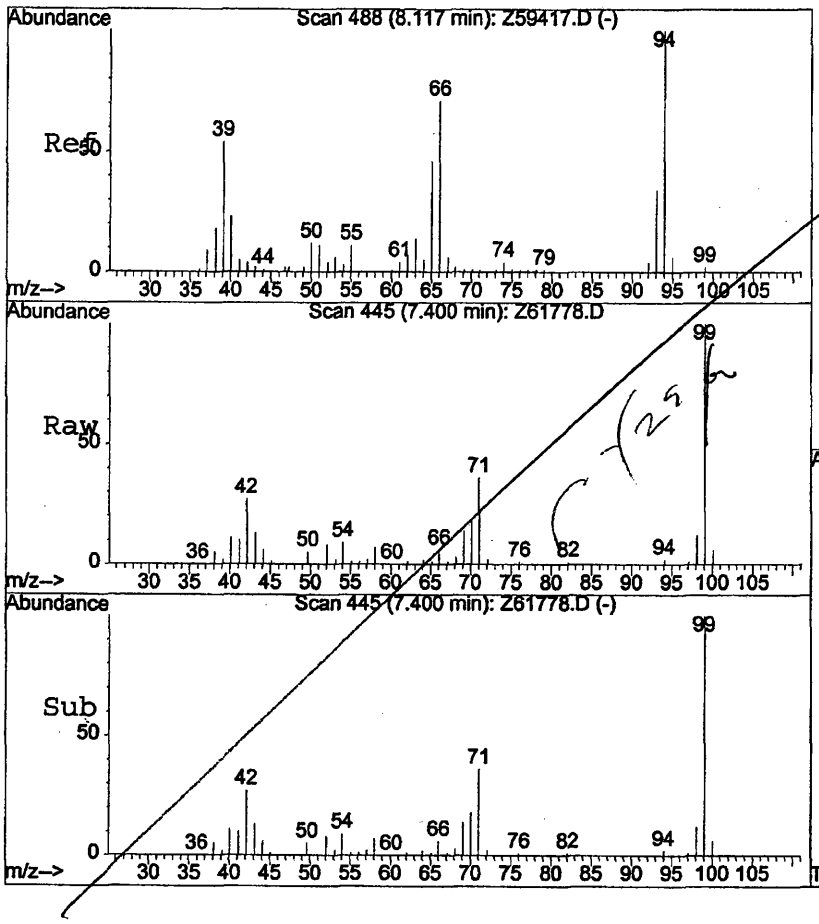
Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61778.D Vial: 6
Acq On : 28 Jul 2004 12:13 Operator: PM
Sample : A4698909 AW40017669 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:47 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.			
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.			
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.			
15)	C345 Benzyl alcohol	0.00	108		N.D.			
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.			
17)	C355 2-Methylphenol	0.00	108		N.D.			
18)	E145 Acetophenone	0.00	105		N.D.			
19)	C375 Hexachloroethane	0.00	117		N.D.			
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.			
21)	C365 4-Methylphenol	0.00	108		N.D.			
24)	C410 Nitrobenzene	0.00	77		N.D.			
25)	C415 Isophorone	0.00	82		N.D.			
26)	C430 benzoic acid	0.00	122		N.D.			
27)	C420 2-Nitrophenol	0.00	139		N.D.			
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.			
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.			
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.			
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.			
32)	C450 Naphthalene	0.00	128		N.D.			
33)	C455 4-Chloroaniline	0.00	127		N.D.			
34)	C460 Hexachlorobutadiene	0.00	225		N.D.			
35)	E655 Caprolactam	11.98	113	7406	3.02	ng	#	67
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.			
37)	C470 2-Methylnaphthalene	0.00	142		N.D.			
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.			
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.			
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.			
43)	C525 2-Chloronaphthalene	0.00	162		N.D.			
44)	C811 1,1'-Biphenyl	0.00	154		N.D.			
45)	C530 2-Nitroaniline	0.00	65		N.D.			
46)	C540 Acenaphthylene	0.00	152		N.D.			
47)	C535 Dimethylphthalate	0.00	163		N.D.			
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.			
49)	C550 Acenaphthene	0.00	153		N.D.			
50)	C545 3-Nitroaniline	0.00	138		N.D.			
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.			
52)	C565 Dibenzofuran	0.00	168		N.D.			
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.			
54)	C560 4-Nitrophenol	0.00	109		N.D.			
55)	C590 Fluorene	0.00	166		N.D.			

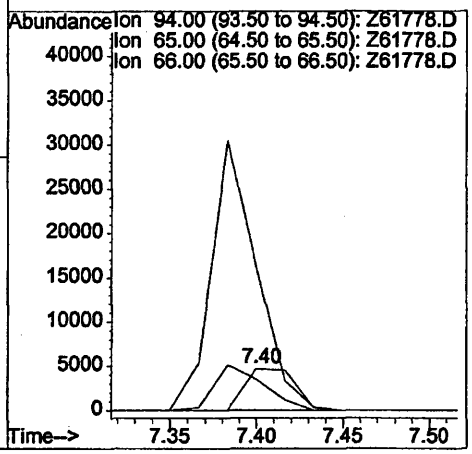
(#) = qualifier out of range (m) = manual integration



#8
C315 Phenol
Concen: 0.64 ng
RT: 7.40 min Scan# 445
Delta R.T. -0.02 min
Lab File: Z61778.D
Acq: 28 Jul 2004 12:13

Tgt Ion: 94 Resp: 9480

Ion	Ratio	Lower	Upper
94	100		
65	75.3	12.7	52.7#
66	350.8	29.1	69.1#



ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698910

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z61779.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

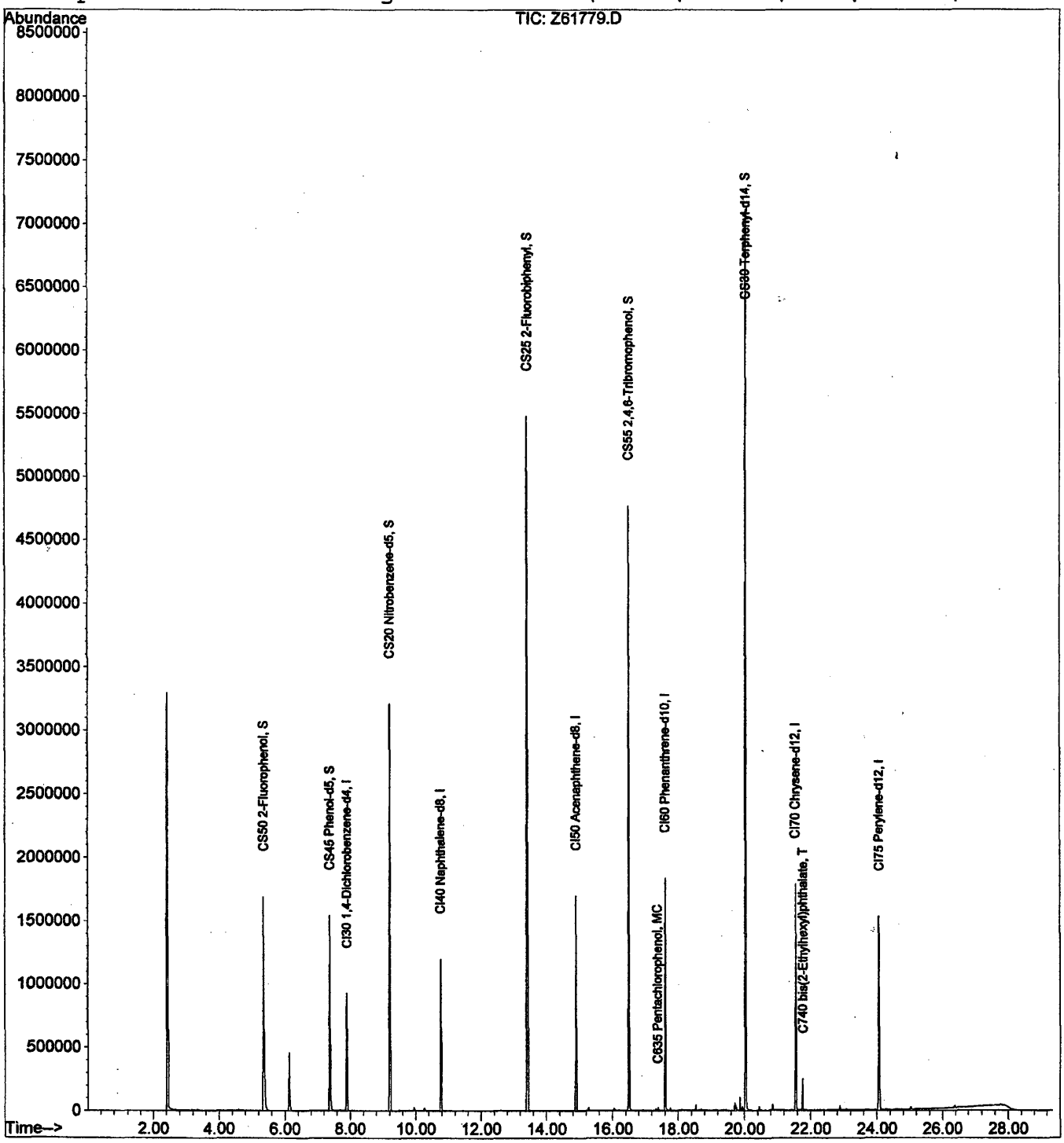
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61779.D Vial: 7
Acq On : 28 Jul 2004 12:47 Operator: PM
Sample : A4698910 AW40017670 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:47 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61779.D Vial: 7
Acq On : 28 Jul 2004 12:47 Operator: PM
Sample : A4698910 AW40017670 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:47 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	323371	40.00	ng	0.02 76.74%
22) CI40 Naphthalene-d8	10.77	136	1177182	40.00	ng	-0.02 80.50%
38) CI50 Acenaphthene-d8	14.90	164	633676	40.00	ng	0.00 76.08%
60) CI60 Phenanthrene-d10	17.62	188	1055074	40.00	ng	0.00 74.08%
73) CI70 Chrysene-d12	21.55	240	1035909	40.00	ng	-0.02 73.74%
82) CI75 Perylene-d12	24.07	264	1077165	40.00	ng	0.00 87.44%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1049359	106.21	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 70.81%			
6) CS45 Phenol-d5	7.38	99	900556	73.51	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 49.01%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1794260	169.32	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 169.32%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3225893	174.61	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 174.61%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	917743	284.24	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 189.49%#			
76) CS30 Terphenyl-d14	20.05	244	3663993	196.44	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 196.44%#			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.	
4) E600 Benzaldehyde	0.00	77	N.D.	
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.	
8) C315 Phenol	0.00	94	N.D.	
9) C330 2-Chlorophenol	0.00	128	N.D.	
10) C320 aniline	0.00	93	N.D.	

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61779.D Vial: 7
Acq On : 28 Jul 2004 12:47 Operator: PM
Sample : A4698910 AW40017670 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 13:47 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.	
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.	
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.	
15)	C345 Benzyl alcohol	0.00	108		N.D.	
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.	
17)	C355 2-Methylphenol	0.00	108		N.D.	
18)	E145 Acetophenone	0.00	105		N.D.	
19)	C375 Hexachloroethane	0.00	117		N.D.	
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.	
21)	C365 4-Methylphenol	0.00	108		N.D.	
24)	C410 Nitrobenzene	0.00	77		N.D.	
25)	C415 Isophorone	0.00	82		N.D.	
26)	C430 benzoic acid	0.00	122		N.D.	
27)	C420 2-Nitrophenol	0.00	139		N.D.	
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.	
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.	
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.	
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.	
32)	C450 Naphthalene	0.00	128		N.D.	
33)	C455 4-Chloroaniline	0.00	127		N.D.	
34)	C460 Hexachlorobutadiene	0.00	225		N.D.	
35)	E655 Caprolactam	0.00	113		N.D.	
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.	
37)	C470 2-Methylnaphthalene	0.00	142		N.D.	
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.	
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.	
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.	
43)	C525 2-Chloronaphthalene	0.00	162		N.D.	
44)	C811 1,1'-Biphenyl	0.00	154		N.D.	
45)	C530 2-Nitroaniline	0.00	65		N.D.	
46)	C540 Acenaphthylene	0.00	152		N.D.	
47)	C535 Dimethylphthalate	0.00	163		N.D.	
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.	
49)	C550 Acenaphthene	0.00	153		N.D.	
50)	C545 3-Nitroaniline	0.00	138		N.D.	
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.	
52)	C565 Dibenzofuran	0.00	168		N.D.	
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.	
54)	C560 4-Nitrophenol	0.00	109		N.D.	
55)	C590 Fluorene	0.00	166		N.D.	

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-19

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698911

Sample wt/vol: 1030.0 (g/mL) ML Lab File ID: Z61782.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

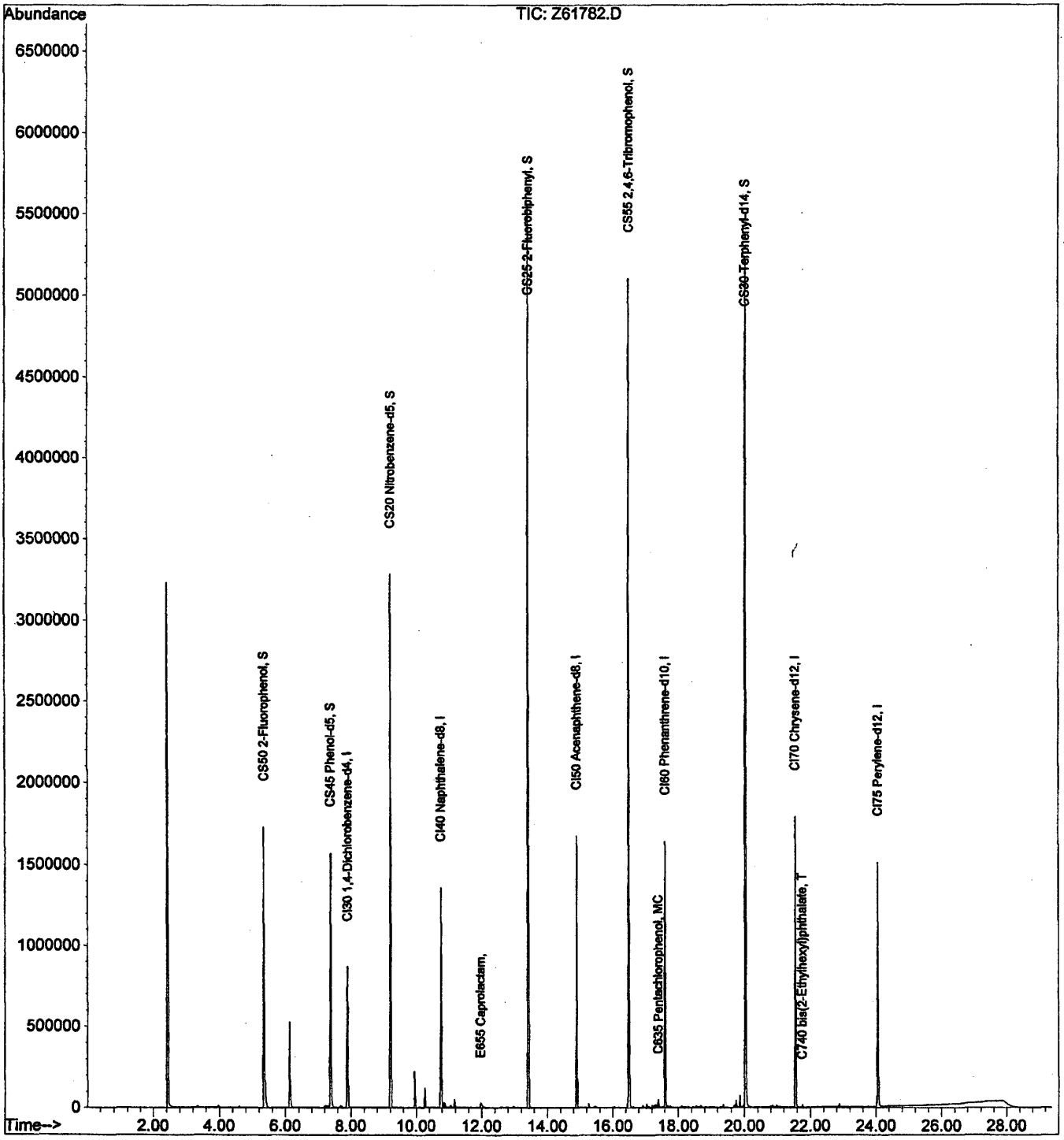
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61782.D Vial: 10
Acq On : 28 Jul 2004 14:31 Operator: PM
Sample : A4698911 AW40017673 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:30 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61782.D Vial: 10
Acq On : 28 Jul 2004 14:31 Operator: PM
Sample : A4698911 AW40017673 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:30 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	311173	40.00	ng	0.02 73.85%
22) CI40 Naphthalene-d8	10.77	136	1133225	40.00	ng	-0.02 77.50%
38) CI50 Acenaphthene-d8	14.90	164	635317	40.00	ng	0.00 76.28%
60) CI60 Phenanthrene-d10	17.62	188	1059250	40.00	ng	0.00 74.37%
73) CI70 Chrysene-d12	21.55	240	1027831	40.00	ng	-0.02 73.16%
82) CI75 Perylene-d12	24.07	264	1092777	40.00	ng	0.00 88.70%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1044691	109.88	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 73.25%			
6) CS45 Phenol-d5	7.38	99	910754	77.26	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 51.51%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1768021	173.32	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 173.32%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3126657	168.81	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 168.81%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	931987	287.51	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 191.67%#			
76) CS30 Terphenyl-d14	20.03	244	3245669	175.38	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 175.38%#			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.	
4) E600 Benzaldehyde	0.00	77	N.D.	
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.	
8) C315 Phenol	0.00	94	N.D.	
9) C330 2-Chlorophenol	0.00	128	N.D.	
10) C320 aniline	0.00	93	N.D.	

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61782.D Vial: 10
Acq On : 28 Jul 2004 14:31 Operator: PM
Sample : A4698911 AW40017673 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:30 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.		
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.		
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.		
15)	C345 Benzyl alcohol	0.00	108		N.D.		
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.		
17)	C355 2-Methylphenol	0.00	108		N.D.		
18)	E145 Acetophenone	0.00	105		N.D.		
19)	C375 Hexachloroethane	0.00	117		N.D.		
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.		
21)	C365 4-Methylphenol	0.00	108		N.D.		
24)	C410 Nitrobenzene	0.00	77		N.D.		
25)	C415 Isophorone	0.00	82		N.D.		
26)	C430 benzoic acid	0.00	122		N.D.		
27)	C420 2-Nitrophenol	0.00	139		N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.		
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.		
32)	C450 Naphthalene	0.00	128		N.D.		
33)	C455 4-Chloroaniline	0.00	127		N.D.		
34)	C460 Hexachlorobutadiene	0.00	225		N.D.		
35)	E655 Caprolactam	11.97	113	12976	5.93	ng	81
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.		
37)	C470 2-Methylnaphthalene	0.00	142		N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.		
43)	C525 2-Chloronaphthalene	0.00	162		N.D.		
44)	C811 1,1'-Biphenyl	0.00	154		N.D.		
45)	C530 2-Nitroaniline	0.00	65		N.D.		
46)	C540 Acenaphthylene	0.00	152		N.D.		
47)	C535 Dimethylphthalate	0.00	163		N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.		
49)	C550 Acenaphthene	0.00	153		N.D.		
50)	C545 3-Nitroaniline	0.00	138		N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.		
52)	C565 Dibenzofuran	0.00	168		N.D.		
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.		
54)	C560 4-Nitrophenol	0.00	109		N.D.		
55)	C590 Fluorene	0.00	166		N.D.		

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698912

Sample wt/vol: 1055.0 (g/mL) ML Lab File ID: Z61783.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

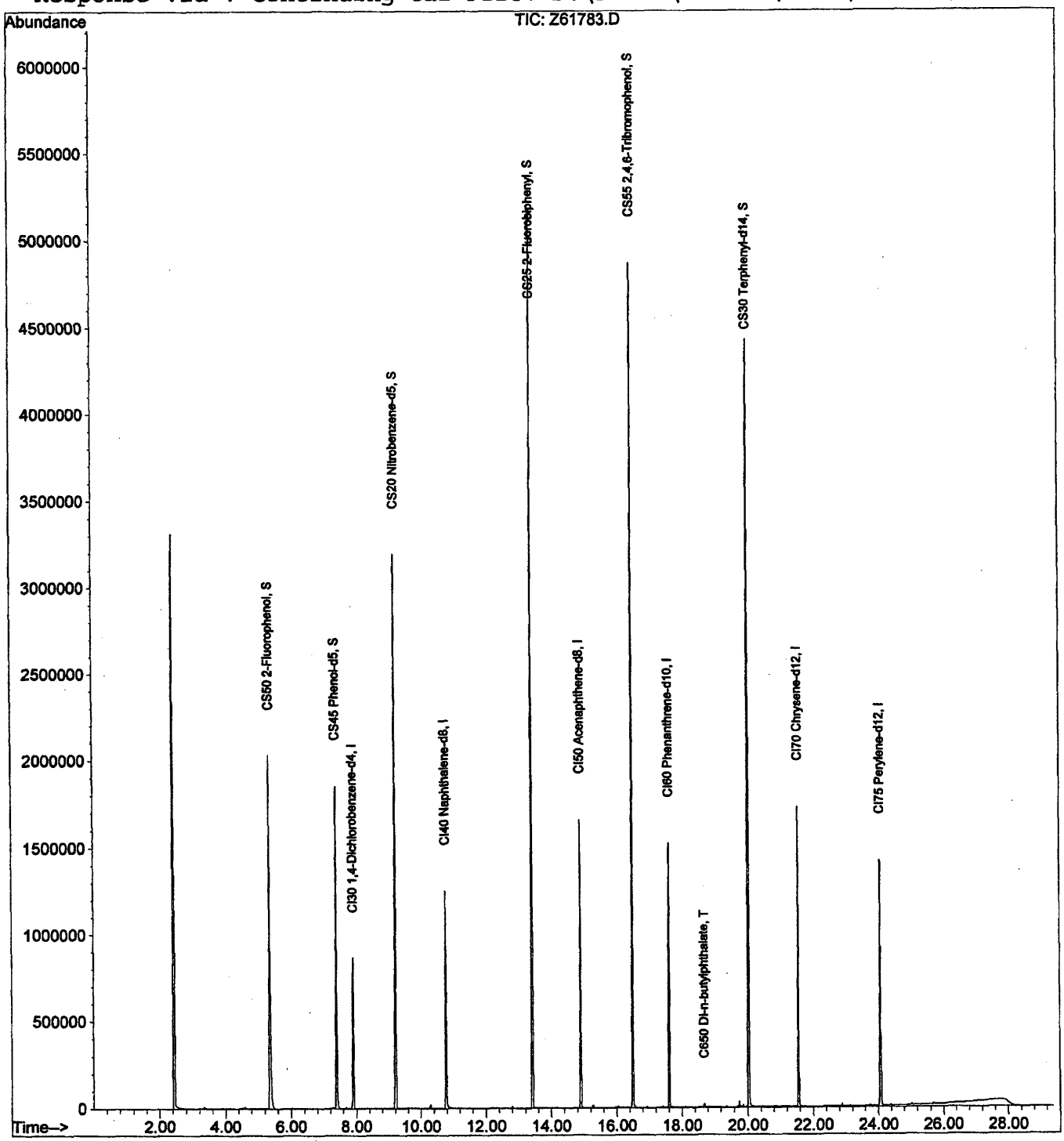
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61783.D Vial: 11
Acq On : 28 Jul 2004 15:05 Operator: PM
Sample : A4698912 AW40017674 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:30 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61783.D Vial: 11
Acq On : 28 Jul 2004 15:05 Operator: PM
Sample : A4698912 AW40017674 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:30 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	304760	40.00	ng	0.02 72.33%
22) CI40 Naphthalene-d8	10.77	136	1124026	40.00	ng	-0.02 76.87%
38) CI50 Acenaphthene-d8	14.90	164	608347	40.00	ng	0.00 73.04%
60) CI60 Phenanthrene-d10	17.62	188	983735	40.00	ng	0.00 69.07%
73) CI70 Chrysene-d12	21.55	240	971197	40.00	ng	-0.02 69.13%
82) CI75 Perylene-d12	24.07	264	1039170	40.00	ng	0.00 84.35%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1270270	136.42	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 90.95%			
6) CS45 Phenol-d5	7.38	99	1097742	95.08	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 63.39%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1725802	170.56	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 170.56%#			
42) CS25 2-Fluorobiphenyl	13.42	172	2931949	165.31	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 165.31%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	947729	314.81	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 209.87%#			
76) CS30 Terphenyl-d14	20.03	244	2902366	165.97	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 165.97%#			

Target Compounds			Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.
4) E600 Benzaldehyde	0.00	77	N.D.
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.
8) C315 Phenol	0.00	94	N.D.
9) C330 2-Chlorophenol	0.00	128	N.D.
10) C320 aniline	0.00	93	N.D.

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61783.D Vial: 11
Acq On : 28 Jul 2004 15:05 Operator: PM
Sample : A4698912 AW40017674 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:30 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.		
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.		
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.		
15)	C345 Benzyl alcohol	0.00	108		N.D.		
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.		
17)	C355 2-Methylphenol	0.00	108		N.D.		
18)	E145 Acetophenone	0.00	105		N.D.		
19)	C375 Hexachloroethane	0.00	117		N.D.		
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.		
21)	C365 4-Methylphenol	0.00	108		N.D.		
24)	C410 Nitrobenzene	0.00	77		N.D.		
25)	C415 Isophorone	0.00	82		N.D.		
26)	C430 benzoic acid	0.00	122		N.D.		
27)	C420 2-Nitrophenol	0.00	139		N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.		
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.		
32)	C450 Naphthalene	0.00	128		N.D.		
33)	C455 4-Chloroaniline	0.00	127		N.D.		
34)	C460 Hexachlorobutadiene	0.00	225		N.D.		
35)	E655 Caprolactam	0.00	113		N.D.		
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.		
37)	C470 2-Methylnaphthalene	0.00	142		N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.		
43)	C525 2-Chloronaphthalene	0.00	162		N.D.		
44)	C811 1,1'-Biphenyl	0.00	154		N.D.		
45)	C530 2-Nitroaniline	0.00	65		N.D.		
46)	C540 Acenaphthylene	0.00	152		N.D.		
47)	C535 Dimethylphthalate	0.00	163		N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.		
49)	C550 Acenaphthene	0.00	153		N.D.		
50)	C545 3-Nitroaniline	0.00	138		N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.		
52)	C565 Dibenzofuran	0.00	168		N.D.		
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.		
54)	C560 4-Nitrophenol	0.00	109		N.D.		
55)	C590 Fluorene	0.00	166		N.D.		

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-20

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698913

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z61784.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

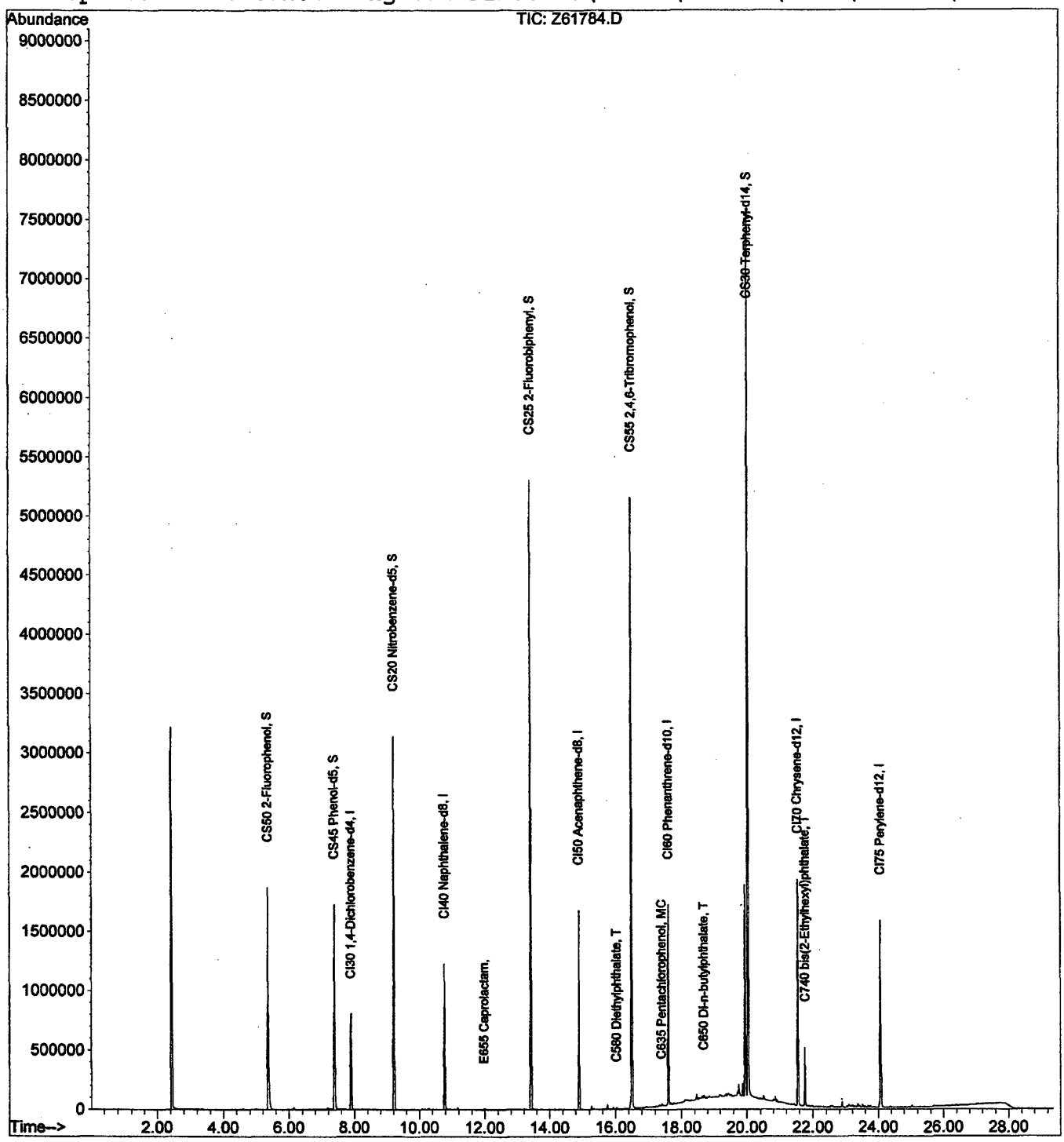
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61784.D Vial: 12
Acq On : 28 Jul 2004 15:39 Operator: PM
Sample : A4698913 AW40017675 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:31 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61784.D Vial: 12
Acq On : 28 Jul 2004 15:39 Operator: PM
Sample : A4698913 AW40017675 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:31 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.88	152	295730	40.00	ng	0.00 70.18%
22) CI40 Naphthalene-d8	10.77	136	1089402	40.00	ng	-0.02 74.50%
38) CI50 Acenaphthene-d8	14.90	164	633039	40.00	ng	0.00 76.01%
60) CI60 Phenanthrene-d10	17.62	188	1059728	40.00	ng	0.00 74.41%
73) CI70 Chrysene-d12	21.55	240	1073586	40.00	ng	-0.02 76.42%
82) CI75 Perylene-d12	24.07	264	1203077	40.00	ng	0.00 97.66%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1183583	130.99	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 87.33%			
6) CS45 Phenol-d5	7.38	99	1042717	93.07	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 62.05%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1716674	175.05	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 175.05%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3073043	166.51	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 166.51%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	1001927	308.95	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 205.97%#			
76) CS30 Terphenyl-d14	20.05	244	3894812	201.48	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 201.48%#			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.	
4) E600 Benzaldehyde	0.00	77	N.D.	
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.	
8) C315 Phenol	0.00	94	N.D.	
9) C330 2-Chlorophenol	0.00	128	N.D.	
10) C320 aniline	0.00	93	N.D.	

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61784.D Vial: 12
Acq On : 28 Jul 2004 15:39 Operator: PM
Sample : A4698913 AW40017675 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:31 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.			
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.			
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.			
15)	C345 Benzyl alcohol	0.00	108		N.D.			
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.			
17)	C355 2-Methylphenol	0.00	108		N.D.			
18)	E145 Acetophenone	0.00	105		N.D.			
19)	C375 Hexachloroethane	0.00	117		N.D.			
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.			
21)	C365 4-Methylphenol	0.00	108		N.D.			
24)	C410 Nitrobenzene	0.00	77		N.D.			
25)	C415 Isophorone	0.00	82		N.D.			
26)	C430 benzoic acid	0.00	122		N.D.			
27)	C420 2-Nitrophenol	0.00	139		N.D.			
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.			
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.			
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.			
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.			
32)	C450 Naphthalene	0.00	128		N.D.			
33)	C455 4-Chloroaniline	0.00	127		N.D.			
34)	C460 Hexachlorobutadiene	0.00	225		N.D.			
35)	E655 Caprolactam	11.98	113	1507	0.72	ng	#	1
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.			
37)	C470 2-Methylnaphthalene	0.00	142		N.D.			
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.			
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.			
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.			
43)	C525 2-Chloronaphthalene	0.00	162		N.D.			
44)	C811 1,1'-Biphenyl	0.00	154		N.D.			
45)	C530 2-Nitroaniline	0.00	65		N.D.			
46)	C540 Acenaphthylene	0.00	152		N.D.			
47)	C535 Dimethylphthalate	0.00	163		N.D.			
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.			
49)	C550 Acenaphthene	0.00	153		N.D.			
50)	C545 3-Nitroaniline	0.00	138		N.D.			
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.			
52)	C565 Dibenzofuran	0.00	168		N.D.			
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.			
54)	C560 4-Nitrophenol	0.00	109		N.D.			
55)	C590 Fluorene	0.00	166		N.D.			

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-6

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698914

Sample wt/vol: 970.00 (g/mL) ML Lab File ID: Z61785.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

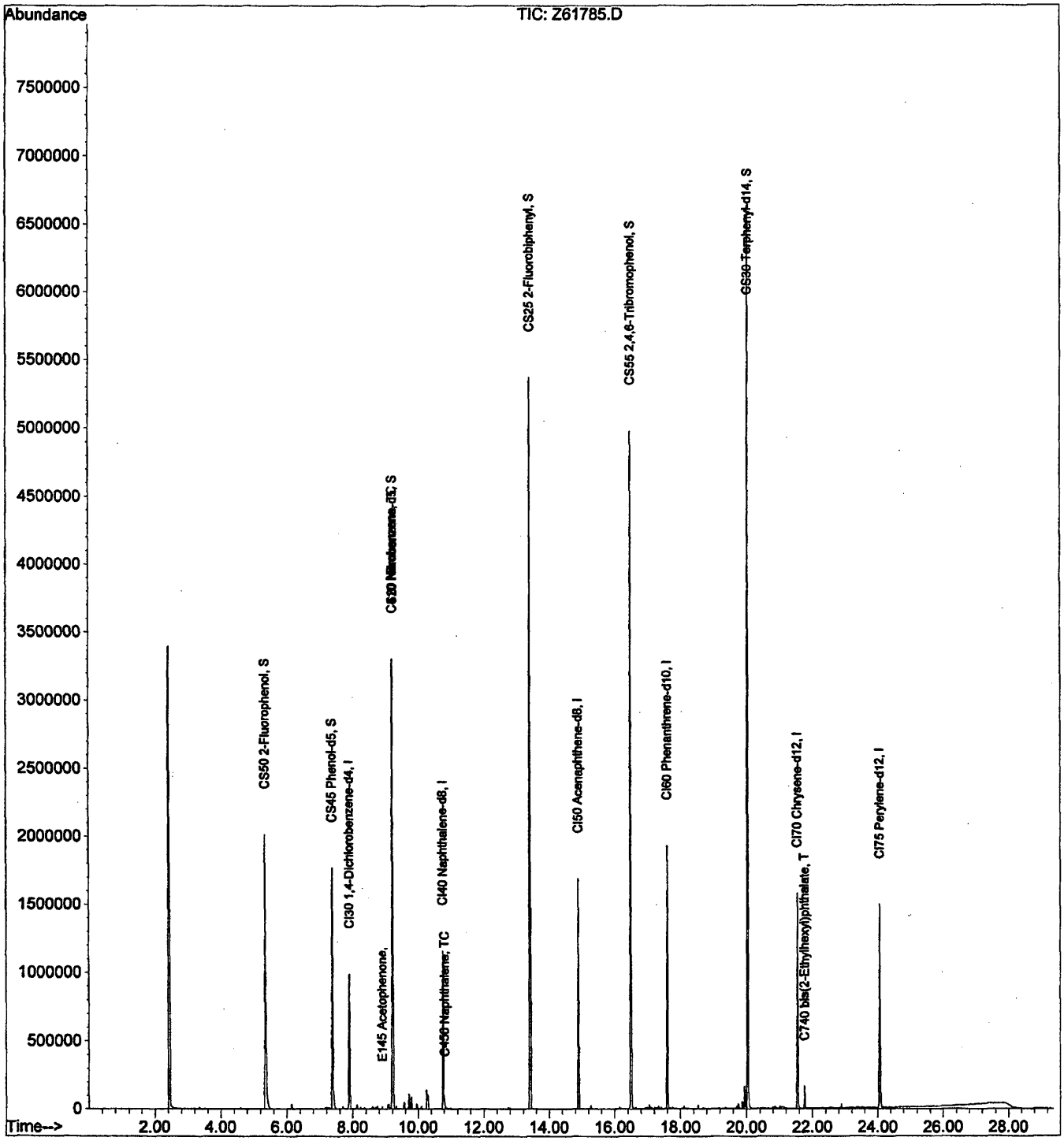
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61785.D Vial: 13
Acq On : 28 Jul 2004 16:14 Operator: PM
Sample : A4698914 AW40017676 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:31 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61785.D Vial: 13
Acq On : 28 Jul 2004 16:14 Operator: PM
Sample : A4698914 AW40017676 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:31 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	316453	40.00	ng	0.02 75.10%
22) CI40 Naphthalene-d8	10.77	136	1180679	40.00	ng	-0.02 80.74%
38) CI50 Acenaphthene-d8	14.90	164	639765	40.00	ng	0.00 76.81%
60) CI60 Phenanthrene-d10	17.62	188	1057334	40.00	ng	0.00 74.24%
73) CI70 Chrysene-d12	21.55	240	980479	40.00	ng	-0.02 69.79%
82) CI75 Perylene-d12	24.07	264	1117742	40.00	ng	0.00 90.73%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1303885	134.85	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 89.90%			
6) CS45 Phenol-d5	7.38	99	1169170	97.53	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 65.02%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1808733	170.18	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 170.18%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3112589	166.88	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 166.88%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	933122	288.38	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 192.25%#			
76) CS30 Terphenyl-d14	20.05	244	3436277	194.64	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 194.64%#			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.	
4) E600 Benzaldehyde	0.00	77	N.D.	
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.	
8) C315 Phenol	0.00	94	N.D.	
9) C330 2-Chlorophenol	0.00	128	N.D.	
10) C320 aniline	0.00	93	N.D.	

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

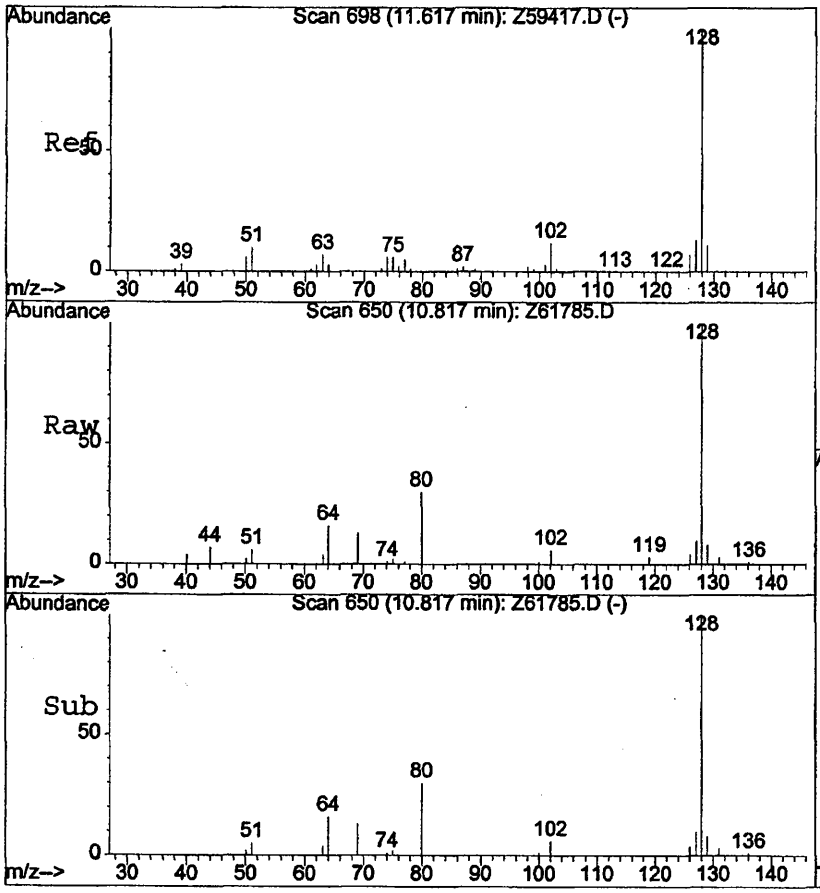
Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61785.D Vial: 13
Acq On : 28 Jul 2004 16:14 Operator: PM
Sample : A4698914 AW40017676 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:31 2004 Quant Results File: CLP.RES.

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.			
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.			
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.			
15)	C345 Benzyl alcohol	0.00	108		N.D.			
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.			
17)	C355 2-Methylphenol	0.00	108		N.D.			
18)	E145 Acetophenone	8.90	105	18400	1.58	ng	#	15
19)	C375 Hexachloroethane	0.00	117		N.D.			
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.			
21)	C365 4-Methylphenol	0.00	108		N.D.			
24)	C410 Nitrobenzene	9.22	77	11920	1.04	ng	#	29
25)	C415 Isophorone	0.00	82		N.D.			
26)	C430 benzoic acid	0.00	122		N.D.			
27)	C420 2-Nitrophenol	0.00	139		N.D.			
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.			
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.			
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.			
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.			
32)	C450 Naphthalene	10.82	128	35358	1.21	ng		92
33)	C455 4-Chloroaniline	0.00	127		N.D.			
34)	C460 Hexachlorobutadiene	0.00	225		N.D.			
35)	E655 Caprolactam	0.00	113		N.D.			
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.			
37)	C470 2-Methylnaphthalene	0.00	142		N.D.			
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.			
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.			
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.			
43)	C525 2-Chloronaphthalene	0.00	162		N.D.			
44)	C811 1,1'-Biphenyl	0.00	154		N.D.			
45)	C530 2-Nitroaniline	0.00	65		N.D.			
46)	C540 Acenaphthylene	0.00	152		N.D.			
47)	C535 Dimethylphthalate	0.00	163		N.D.			
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.			
49)	C550 Acenaphthene	0.00	153		N.D.			
50)	C545 3-Nitroaniline	0.00	138		N.D.			
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.			
52)	C565 Dibenzofuran	0.00	168		N.D.			
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.			
54)	C560 4-Nitrophenol	0.00	109		N.D.			
55)	C590 Fluorene	0.00	166		N.D.			

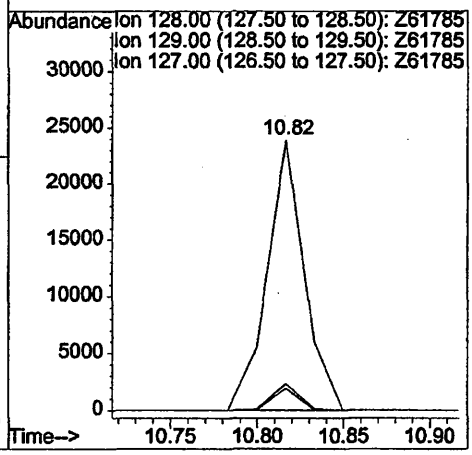
(#) = qualifier out of range (m) = manual integration



#32
C450 Naphthalene
Concen: 1.21 ng
RT: 10.82 min Scan# 650
Delta R.T. 0.00 min
Lab File: Z61785.D
Acq: 28 Jul 2004 16:14

Tgt Ion:128 Resp: 35358

Ion	Ratio	Lower	Upper
128	100		
129	8.0	0.0	31.0
127	9.7	0.0	32.6



ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-8

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698915

Sample wt/vol: 1045.0 (g/mL) ML Lab File ID: Z61786.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

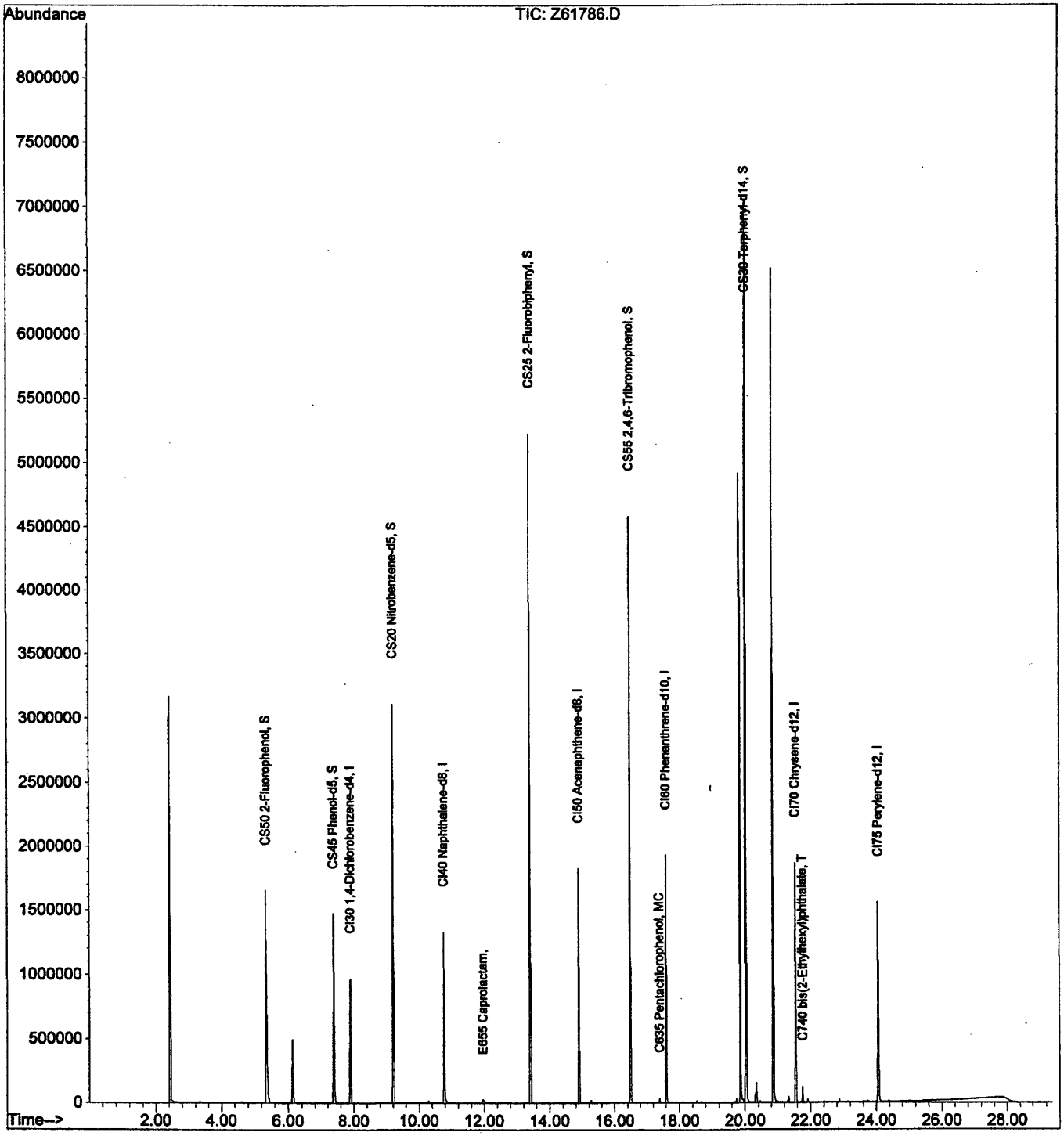
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61786.D Vial: 14
Acq On : 28 Jul 2004 16:48 Operator: PM
Sample : A4698915 AW40017677 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:32 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61786.D Vial: 14
Acq On : 28 Jul 2004 16:48 Operator: PM
Sample : A4698915 AW40017677 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:32 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) / Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	329922	40.00	ng	0.02 / 78.30%
22) CI40 Naphthalene-d8	10.77	136	1216633	40.00	ng	-0.02 / 83.20%
38) CI50 Acenaphthene-d8	14.90	164	676236	40.00	ng	0.00 / 81.19%
60) CI60 Phenanthrene-d10	17.62	188	1137617	40.00	ng	0.00 / 79.88%
73) CI70 Chrysene-d12	21.55	240	1153222	40.00	ng	-0.02 / 82.09%
82) CI75 Perylene-d12	24.07	264	1178788	40.00	ng	0.00 / 95.69%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1065400	105.69	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 70.46%			
6) CS45 Phenol-d5	7.38	99	898487	71.89	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 47.93%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1709579	156.10	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 156.10%#			
42) CS25 2-Fluorobiphenyl	13.42	172	2956494	149.96	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 149.96%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	858540	246.61	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 164.41%#			
76) CS30 Terphenyl-d14	20.05	244	3681149	177.28	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 177.28%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74		N.D.		
4) E600 Benzaldehyde	0.00	77		N.D.		
5) C325 bis(2-Chloroethyl)eth	0.00	93		N.D.		
8) C315 Phenol	0.00	94		N.D.		
9) C330 2-Chlorophenol	0.00	128		N.D.		
10) C320 aniline	0.00	93		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61786.D Vial: 14
Acq On : 28 Jul 2004 16:48 Operator: PM
Sample : A4698915 AW40017677 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:32 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.		
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.		
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.		
15)	C345 Benzyl alcohol	0.00	108		N.D.		
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.		
17)	C355 2-Methylphenol	0.00	108		N.D.		
18)	E145 Acetophenone	0.00	105		N.D.		
19)	C375 Hexachloroethane	0.00	117		N.D.		
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.		
21)	C365 4-Methylphenol	0.00	108		N.D.		
24)	C410 Nitrobenzene	0.00	77		N.D.		
25)	C415 Isophorone	0.00	82		N.D.		
26)	C430 benzoic acid	0.00	122		N.D.		
27)	C420 2-Nitrophenol	0.00	139		N.D.		
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.		
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.		
32)	C450 Naphthalene	0.00	128		N.D.		
33)	C455 4-Chloroaniline	0.00	127		N.D.		
34)	C460 Hexachlorobutadiene	0.00	225		N.D.		
35)	E655 Caprolactam	11.97	113	13833	5.89	ng	81
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.		
37)	C470 2-Methylnaphthalene	0.00	142		N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.		
43)	C525 2-Chloronaphthalene	0.00	162		N.D.		
44)	C811 1,1'-Biphenyl	0.00	154		N.D.		
45)	C530 2-Nitroaniline	0.00	65		N.D.		
46)	C540 Acenaphthylene	0.00	152		N.D.		
47)	C535 Dimethylphthalate	0.00	163		N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.		
49)	C550 Acenaphthene	0.00	153		N.D.		
50)	C545 3-Nitroaniline	0.00	138		N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.		
52)	C565 Dibenzofuran	0.00	168		N.D.		
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.		
54)	C560 4-Nitrophenol	0.00	109		N.D.		
55)	C590 Fluorene	0.00	166		N.D.		

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

MW-9/10R

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698916

Sample wt/vol: 970.00 (g/mL) ML Lab File ID: Z61787.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

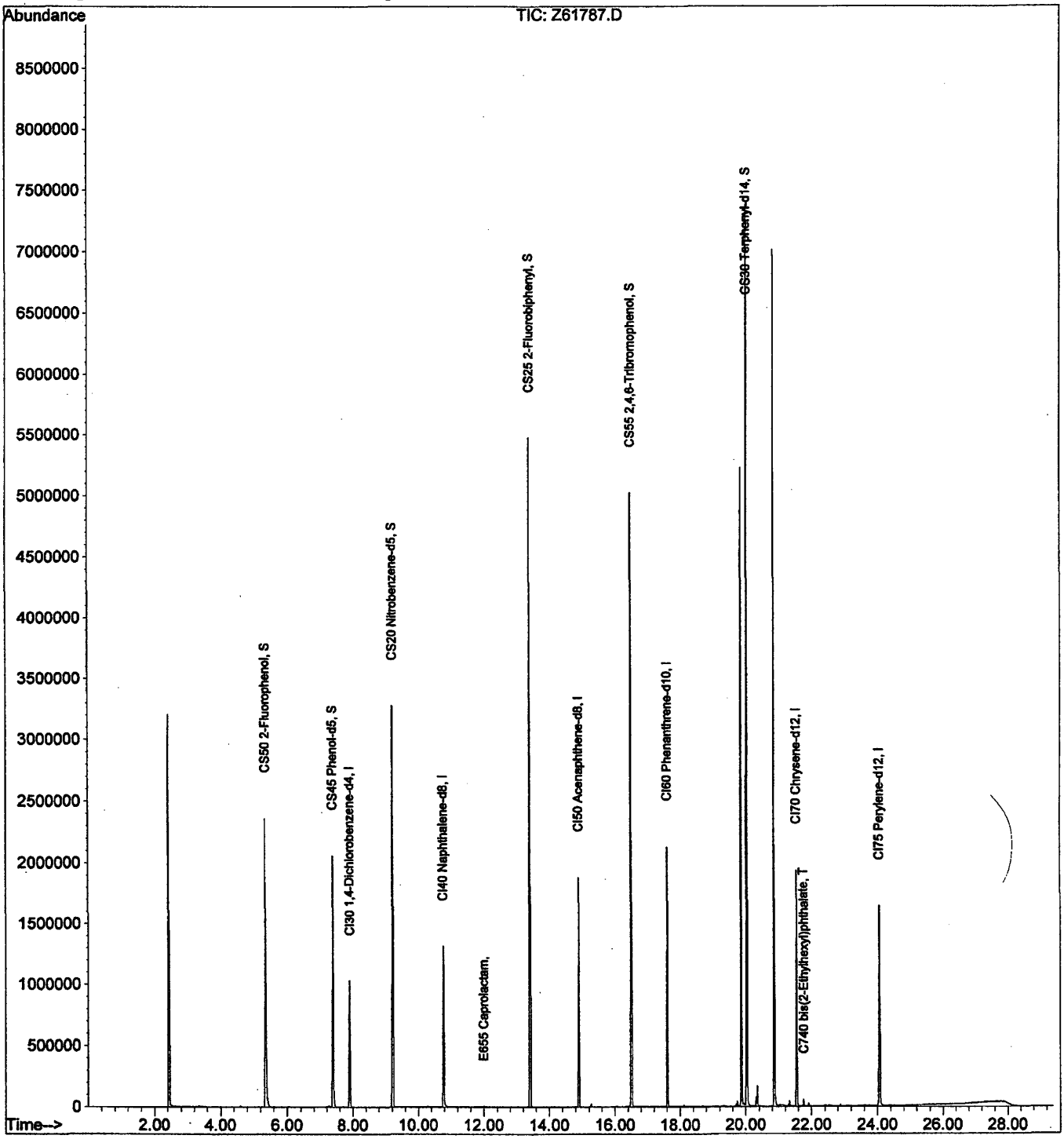
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61787.D Vial: 15
Acq On : 28 Jul 2004 17:22 Operator: PM
Sample : A4698916 AW40017678 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:32 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61787.D Vial: 15
Acq On : 28 Jul 2004 17:22 Operator: PM
Sample : A4698916 AW40017678 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:32 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	351742	40.00	ng	0.02 83.48%
22) CI40 Naphthalene-d8	10.77	136	1294701	40.00	ng	-0.02 88.54%
38) CI50 Acenaphthene-d8	14.90	164	715253	40.00	ng	0.00 85.88%
60) CI60 Phenanthrene-d10	17.62	188	1183189	40.00	ng	0.00 83.08%
73) CI70 Chrysene-d12	21.55	240	1189949	40.00	ng	-0.02 84.70%
82) CI75 Perylene-d12	24.07	264	1264383	40.00	ng	0.00 102.63%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1493233	138.94	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 92.63%			
6) CS45 Phenol-d5	7.38	99	1307356	98.11	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 65.41%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1872356	160.65	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 160.65%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3198331	153.38	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 153.38%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	956961	264.29	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 176.19%#			
76) CS30 Terphenyl-d14	20.05	244	3709976	173.15	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 173.15%#			

Target Compounds				Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.	
4) E600 Benzaldehyde	0.00	77	N.D.	
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.	
8) C315 Phenol	0.00	94	N.D.	
9) C330 2-Chlorophenol	0.00	128	N.D.	
10) C320 aniline	0.00	93	N.D.	

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61787.D Vial: 15
Acq On : 28 Jul 2004 17:22 Operator: PM
Sample : A4698916 AW40017678 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 29 7:32 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.	
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.	
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.	
15)	C345 Benzyl alcohol	0.00	108		N.D.	
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.	
17)	C355 2-Methylphenol	0.00	108		N.D.	
18)	E145 Acetophenone	0.00	105		N.D.	
19)	C375 Hexachloroethane	0.00	117		N.D.	
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.	
21)	C365 4-Methylphenol	0.00	108		N.D.	
24)	C410 Nitrobenzene	0.00	77		N.D.	
25)	C415 Isophorone	0.00	82		N.D.	
26)	C430 benzoic acid	0.00	122		N.D.	
27)	C420 2-Nitrophenol	0.00	139		N.D.	
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.	
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.	
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.	
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.	
32)	C450 Naphthalene	0.00	128		N.D.	
33)	C455 4-Chloroaniline	0.00	127		N.D.	
34)	C460 Hexachlorobutadiene	0.00	225		N.D.	
35)	E655 Caprolactam	12.00	113	2171	0.87 ng	# 15
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.	
37)	C470 2-Methylnaphthalene	0.00	142		N.D.	
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.	
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.	
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.	
43)	C525 2-Chloronaphthalene	0.00	162		N.D.	
44)	C811 1,1'-Biphenyl	0.00	154		N.D.	
45)	C530 2-Nitroaniline	0.00	65		N.D.	
46)	C540 Acenaphthylene	0.00	152		N.D.	
47)	C535 Dimethylphthalate	0.00	163		N.D.	
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.	
49)	C550 Acenaphthene	0.00	153		N.D.	
50)	C545 3-Nitroaniline	0.00	138		N.D.	
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.	
52)	C565 Dibenzofuran	0.00	168		N.D.	
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.	
54)	C560 4-Nitrophenol	0.00	109		N.D.	
55)	C590 Fluorene	0.00	166		N.D.	

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

STANDARDS DATA

SEMIVOLATILE 3/90 AND ASP '91
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A4I0000497-1

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

Intrument ID: I50Z-A Calibration Dates(s): 06/08/2004 06/08/2004

Calibration Times: 13:00 15:18

Lab File ID: RRF20 = Z61104.RR RRF50 = Z61105.RR
RRF80 = Z61106.RR RRF120 = Z61107.RR RRF160 = Z61108.RR

COMPOUND	RRF20	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	* 1.631	1.679	1.699	1.865	1.915	1.7580	7.100*
4-Methylphenol	* 1.079	1.138	1.148	1.278	1.269	1.1820	7.400*
Naphthalene	* 1.013	0.955	0.919	0.986	0.893	0.9530	5.100*
Nitrobenzene-D5	* 0.328	0.336	0.333	0.381	0.375	0.3500	7.200*
2-Fluorobiphenyl	* 1.163	1.135	1.128	1.124	1.098	1.1300	2.000*
p-Terphenyl-d14	* 0.767	0.729	0.650	0.693	0.653	0.6980	7.200*
Phenol-D5	* 1.442	1.490	1.533	1.700	1.721	1.5770	8.000*
2-Fluorophenol	* 1.091	1.157	1.192	1.359	1.364	1.2320	10.000*
2,4,6-Tribromophenol	0.106	0.123	0.122	0.126	0.129	0.1210	7.400
2-Chlorophenol-d4	* 1.233	1.294	1.330	1.462	1.442	1.3520	7.200*
1,2-Dichlorobenzene-d4	* 0.817	0.815	0.812	0.865	0.834	0.8290	2.700*

Comments:

Date: 06/09/2004 GC/MS STANDARDS WORKSHEET Page: 1
Time: 11:05:34 Rept: AN0323R

Lab Samp Id: A4I0000497-1 Z61104 CLP ICC
Profile Code: A00012 SEMIVOLATILE 3/90, ASP '91 CALIBRATION DATA Tune Code: A4T0001487 Z61103 DFTPP 50ng
Matrix: W Fraction: MB

Instr: I50Z-A Heated Purge? F Analyst: PM
GC Column: ZB-5 0.25 mm CCC Conc: 50.00 ng Calib Start: 06/08/2004 13:00
ICC Ref ID: IS Conc: 40.00 ng End: 06/08/2004 15:18
Level: L Inj Volume: 2.00 ul

	Lab file ID
Conc Point 1:	20.0000 ng Z61104.RR
Conc Point 2:	50.0000 ng Z61105.RR
Conc Point 3:	80.0000 ng Z61106.RR
Conc Point 4:	120.0000 ng Z61107.RR
Conc Point 5:	160.0000 ng Z61108.RR
Conc Point 6:	0.0000 ng

Seq	I	Parameter	RRF 1	RRF 2	RRF 3	RRF 4	RRF 5	RRF 6	Avg RRF	Min RRF	% RSD	Max % RSD	--IS-- AU	RT	E Tresh
10		Phenol	1.6310	1.6792	1.6988	1.8645	1.9152		1.758	0.8000	7.1	20.50	797743	8.00	160
20		Bis(2-chloroethyl) ether	1.3546	1.3548	1.4057	1.6024	1.5241		1.448	0.7000	7.6	20.50	643620	8.12	160
30		2-Chlorophenol	1.2389	1.2628	1.3045	1.4653	1.4457		1.343	0.8000	7.8	20.50	599942	8.18	160
40		1,3-Dichlorobenzene	1.4321	1.4304	1.4334	1.5149	1.5131		1.465	0.6000	3.1	20.50	679524	8.48	160
50		1,4-Dichlorobenzene	1.4810	1.4396	1.4515	1.5451	1.5234		1.488	0.5000	3.0	20.50	683936	8.60	160
60		1,2-Dichlorobenzene	1.3915	1.3691	1.3699	1.4733	1.3675		1.394	0.4000	3.2	20.50	650439	9.00	160
70		2-Methylphenol	0.9877	1.0466	1.0623	1.2073	1.2196		1.105	0.7000	9.3	20.50	497209	9.30	160
80		2,2'-Oxybis(1-Chloropropa	2.1785	2.1996	2.2510	2.4956	2.5318		2.331	0.0100	7.2	100.00	******	9.33	160
90		4-Methylphenol	1.0785	1.1375	1.1477	1.2782	1.2693		1.182	0.6000	7.4	20.50	540413	9.63	160
99		1,2-Diphenylhydrazine	1.3824	1.3491	1.4443	1.5902	1.4567		1.445	0.0100	6.4	100.00	******	16.9	160
100		N-Nitroso-Di-n-propylamin	0.8389	0.8898	0.9423	1.0815	1.0509		0.961	0.5000	10.8	20.50	422729	9.65	160
101		Acetophenone	1.4371	1.4620	1.5218	1.6247	1.7448		1.558	0.0100	8.1	100.00	694570	9.55	160
102		Benzaldehyde	0.7146	0.6336	0.6764	0.5941	0.4083		0.605	0.0100	19.7	100.00	301017	7.65	160
103		Caprolactam	0.0560	0.0654	0.0712	0.0831	0.0865		0.072	0.0100	17.4	100.00	110895	12.5	160
104		Biphenyl	1.3050	1.2718	1.2542	1.2799	1.1257		1.247	0.0100	5.6	100.00	******	14.2	160
105		Atrazine	0.1685	0.1725	0.1267	0.0912	0.0353		0.119	0.0100	48.2	100.00	251195	17.8	160
110		Hexachloroethane	0.5175	0.5145	0.4998	0.4830	0.4119		0.485	0.3000	8.9	20.50	244412	9.68	160
120		Nitrobenzene	0.3490	0.3563	0.3455	0.3909	0.3832		0.365	0.2000	5.7	20.50	603701	9.92	160
130		Isophorone	0.6277	0.6638	0.6617	0.7313	0.7326		0.683	0.4000	6.8	20.50	******	10.4	160
140		2-Nitrophenol	0.1585	0.1752	0.1773	0.2077	0.2042		0.185	0.1000	11.3	20.50	296880	10.6	160
150		2,4-Dimethylphenol	0.2690	0.2715	0.2609	0.3081	0.2990		0.282	0.2000	7.3	20.50	459950	10.8	160
160		Bis(2-chloroethoxy) metha	0.4188	0.4311	0.4238	0.4783	0.4610		0.443	0.3000	5.8	20.50	730493	11.0	160
170		2,4-Dichlorophenol	0.2708	0.2813	0.2791	0.3103	0.2903		0.286	0.2000	5.3	20.50	476676	11.2	160
180		1,2,4-Trichlorobenzene	0.3304	0.3107	0.3074	0.3328	0.3110		0.318	0.2000	3.8	20.50	526419	11.3	160
190		Naphthalene	1.0126	0.9550	0.9192	0.9857	0.8928		0.953	0.7000	5.1	20.50	******	11.5	160
200		4-Chloroaniline	0.3894	0.4009	0.3873	0.4281	0.3975		0.401	0.0100	4.1	100.00	679183	11.7	160
210		Hexachlorobutadiene	0.1672	0.1662	0.1618	0.1711	0.1621		0.166	0.0100	2.3	100.00	281520	11.9	160
220		4-Chloro-3-methylphenol	0.2549	0.2646	0.2652	0.2995	0.2994		0.277	0.2000	7.6	20.50	448268	12.9	160
230		2-Methylnaphthalene	0.6454	0.6242	0.5939	0.6325	0.5977		0.619	0.4000	3.6	20.50	******	13.1	160
240		Hexachlorocyclopentadiene	0.2913	0.3208	0.3184	0.3354	0.3062		0.314	0.0100	5.3	100.00	297375	13.7	160
250		2,4,6-Trichlorophenol	0.3189	0.3395	0.3491	0.3718	0.3676		0.349	0.2000	6.2	20.50	314720	13.9	160
260		2,4,5-Trichlorophenol	*	0.3745	0.3760	0.4125	0.4076		0.393	0.2000	5.1	20.50	347172	13.9	160
270		2-Chloronaphthalene	1.0659	1.0371	1.0171	1.0571	0.9609		1.028	0.8000	4.1	20.50	961324	14.2	160
280		2-Nitroaniline	*	0.3051	0.3189	0.3695	0.3716		0.341	0.0100	10.0	100.00	282803	14.6	160
290		Dimethyl phthalate	1.1492	1.1258	1.1203	1.1542	1.1936		1.149	0.0100	2.5	100.00	******	15.1	160
300		Acenaphthylene	1.6044	1.5983	1.6456	1.6423	1.5187		1.602	1.3000	3.2	20.50	******	15.2	160
310		2,6-Dinitrotoluene	0.2214	0.2550	0.2755	0.2969	0.3153		0.273	0.2000	13.4	20.50	236344	15.2	160
320		3-Nitroaniline	*	0.3453	0.3757	0.4271	0.4201		0.392	0.0100	9.8	100.00	320103	14.6	160
330		Acenaphthene	0.9896	0.9548	0.9512	0.9841	0.8925		0.954	0.8000	4.0	20.50	885087	15.6	160
340		2,4-Dinitrophenol	*	0.1811	0.1871	0.2168	0.2369		0.205	0.0100	12.7	100.00	167851	15.7	160
350		4-Nitrophenol	*	0.1319	0.1324	0.1416	0.1456		0.138	0.0100	4.9	100.00	122226	15.9	160
360		Dibenzofuran	1.5177	1.4711	1.3908	1.4701	1.3992		1.450	0.8000	3.7	20.50	******	15.9	160
370		2,4-Dinitrotoluene	0.3220	0.3517	0.3790	0.4265	0.3767		0.371	0.2000	10.4	20.50	326041	16.0	160
380		Diethyl phthalate	1.0947	1.1636	1.0686	1.2015	0.9981		1.105	0.0100	7.2	100.00	******	16.6	160
390		4-Chlorophenyl phenyl eth	0.6264	0.5944	0.5863	0.6176	0.5449		0.594	0.4000	5.4	20.50	551026	16.6	160

* Ave RRF or Max % RSD is out of range or RRF is below MINRRF

Date: 06/09/2004 GC/MS STANDARDS WORKSHEET Page: 2
Time: 11:05:34 Rept: AN0323R

Lab Samp Id: A4I0000497-1

Seq	I	Parameter	RRF 1	RRF 2	RRF 3	RRF 4	RRF 5	RRF 6	Ave RRF	Min RRF	% RSD	Max % RSD	--IS-- AU	RT	E Tresh
400		Fluorene	1.1643	1.1126	1.0537	1.1060	1.0054		1.088	0.9000	5.6	20.50	******	16.6	160
410		4-Nitroaniline	*	0.3110	0.3072	0.3805	0.3860		0.346	0.0100	12.4	100.00	288282	16.7	160
420		4,6-Dinitro-2-methylpheno	*	0.1413	0.1533	0.1790	0.1766		0.163	0.0100	11.3	100.00	205696	16.8	160
430		N-nitrosodiphenylamine	0.5438	0.5440	0.5589	0.5660	0.5279		0.548	0.0100	2.7	100.00	792069	16.8	160
440		4-Bromophenyl phenyl ethe	0.2035	0.2007	0.2113	0.2212	0.2096		0.209	0.1000	3.8	20.50	292230	17.4	160
450		Hexachlorobenzene	0.2605	0.2425	0.2301	0.2551	0.2238		0.242	0.1000	6.5	20.50	353040	17.6	160
460		Pentachlorophenol	*	0.1522	0.1587	0.1635	0.1666		0.160	0.0500	3.9	20.50	221650	18.0	160
470		Phenanthrene	1.0541	0.9497	0.9046	0.8920	0.8320		0.926	0.7000	8.9	20.50	******	18.2	160
480		Anthracene	1.0049	1.0258	0.9965	0.9378	0.9621		0.985	0.7000	3.6	20.50	******	18.2	160
490		Carbazole	0.9352	0.9033	0.8559	0.9349	0.8319		0.892	0.0100	5.2	100.00	******	18.5	160
500		Di-n-butyl phthalate	1.0926	1.1084	1.0609	1.2783	1.1507		1.138	0.0100	7.4	100.00	******	19.2	160
510		Fluoranthene	1.0094	1.0420	0.9939	0.9150	0.8709		0.966	0.6000	7.3	20.50	******	20.0	160
520		Pyrene	1.0967	1.0230	0.9877	0.9389	0.8575		0.981	0.6000	9.2	20.50	******	20.3	160
530		Butyl benzyl phthalate	0.4953	0.4995	0.5126	0.5855	0.5185		0.522	0.0100	7.0	100.00	737807	21.3	160
540		3,3'-Dichlorobenzidine	0.3072	0.3141	0.2979	0.3131	0.2917		0.305	0.0100	3.2	100.00	463977	22.1	160
550		Benzo(a)anthracene	0.9830	0.9212	0.8542	0.9369	0.8485		0.909	0.8000	6.3	20.50	******	22.2	160
560		Chrysene	1.1072	0.9432	0.9234	0.9628	0.8998		0.967	0.7000	8.4	20.50	******	22.2	160
570		Bis(2-ethylhexyl) phthala	0.6337	0.7197	0.7234	0.8055	0.7383		0.724	0.0100	8.5	100.00	******	22.4	160
580		Di-n-octyl phthalate	1.1109	1.2950	1.3115	1.3663	1.1727		1.251	0.0100	8.4	100.00	******	23.5	160
590		Benzo(b)fluoranthene	1.0986	1.1880	1.0914	1.1681	1.1571		1.141	0.7000	3.8	20.50	******	24.1	160
600		Benzo(k)fluoranthene	1.0823	0.9963	0.9964	0.9271	0.7641		0.953	0.7000	12.5	20.50	******	24.2	160
610		Benzo(a)pyrene	0.9861	1.0342	1.0015	1.0426	0.9764		1.008	0.7000	2.9	20.50	******	24.8	160
620		Indeno(1,2,3-cd)pyrene	1.1566	1.2535	1.2864	1.4333	1.4322		1.312	0.5000	9.1	20.50	******	26.9	160
630		Dibenzo(a,h)anthracene	1.0809	1.1596	1.1429	1.1543	1.1422		1.136	0.4000	2.8	20.50	******	26.9	160
640		Benzo(ghi)perylene	0.9718	1.0858	1.1141	1.2702	1.2878		1.146	0.5000	11.6	20.50	******	27.4	160
856		Benzidine	0.3760	0.3113	0.0815	0.0993	0.0778		0.189	0.0100	75.6	100.00	459758	20.2	160
857		N-Nitrosodimethylamine	0.6460	0.8499	0.8376	0.9475	0.9657		0.849	0.0100	15.0	100.00	403774	3.60	160
900		Benzoic acid	0.1038	0.1579	0.1819	0.2183	0.2269		0.178	0.0100	28.0	100.00	267484	11.1	160
910		Benzyl alcohol	0.6277	0.6866	0.7301	0.8418	0.7994		0.737	0.0100	11.6	100.00	326167	8.98	160
920		Aniline	1.6516	1.6117	1.4963	1.4990	1.0375		1.459	0.0100	16.8	100.00	765688	7.97	160
740	I	Phenanthrene-D10	1.0000	1.0000	1.0000	1.0000	1.0000		1.000	0.0100	0.0		******	18.1	160
750	I	Chrysene-D12	1.0000	1.0000	1.0000	1.0000	1.0000		1.000	0.0100	0.0		******	22.2	160
760	I	Perylene-D12	1.0000	1.0000	1.0000	1.0000	1.0000		1.000	0.0100	0.0		******	24.9	160
770	I	1,4-Dichlorobenzene-D4	1.0000	1.0000	1.0000	1.0000	1.0000		1.000	0.0100	0.0		380059	8.57	160
780	I	Naphthalene-D8	1.0000	1.0000	1.0000	1.0000	1.0000		1.000	0.0100	0.0		******	11.4	160
790	I	Acenaphthene-D10	1.0000	1.0000	1.0000	1.0000	1.0000		1.000	0.0100	0.0		741568	15.5	160
650	S	Nitrobenzene-D5	0.3280	0.3359	0.3326	0.3805	0.3747		0.350	0.2000	7.2	20.50	569185	9.88	160
660	S	2-Fluorobiphenyl	1.1625	1.1352	1.1281	1.1243	1.0984		1.130	0.7000	2.0	20.50	******	14.1	160
670	S	p-Terphenyl-d14	0.7670	0.7290	0.6501	0.6929	0.6531		0.698	0.5000	7.2	20.50	******	20.5	160
680	S	Phenol-D5	1.4415	1.4903	1.5333	1.6999	1.7206		1.577	0.8000	8.0	20.50	707986	7.97	160
690	S	2-Fluorophenol	1.0909	1.1568	1.1916	1.3592	1.3636		1.232	0.6000	10.0	20.50	549554	6.00	160
700	S	2,4,6-Tribromophenol	0.1055	0.1226	0.1223	0.1255	0.1286		0.121	0.0100	7.4	100.00	178537	17.0	160
710	S	2-Chlorophenol-d4	1.2333	1.2939	1.3296	1.4624	1.4424		1.352	0.8000	7.2	20.50	614706	8.15	160
720	S	1,2-Dichlorobenzene-d4	0.8174	0.8145	0.8123	0.8653	0.8344		0.829	0.4000	2.7	20.50	386934	8.98	160

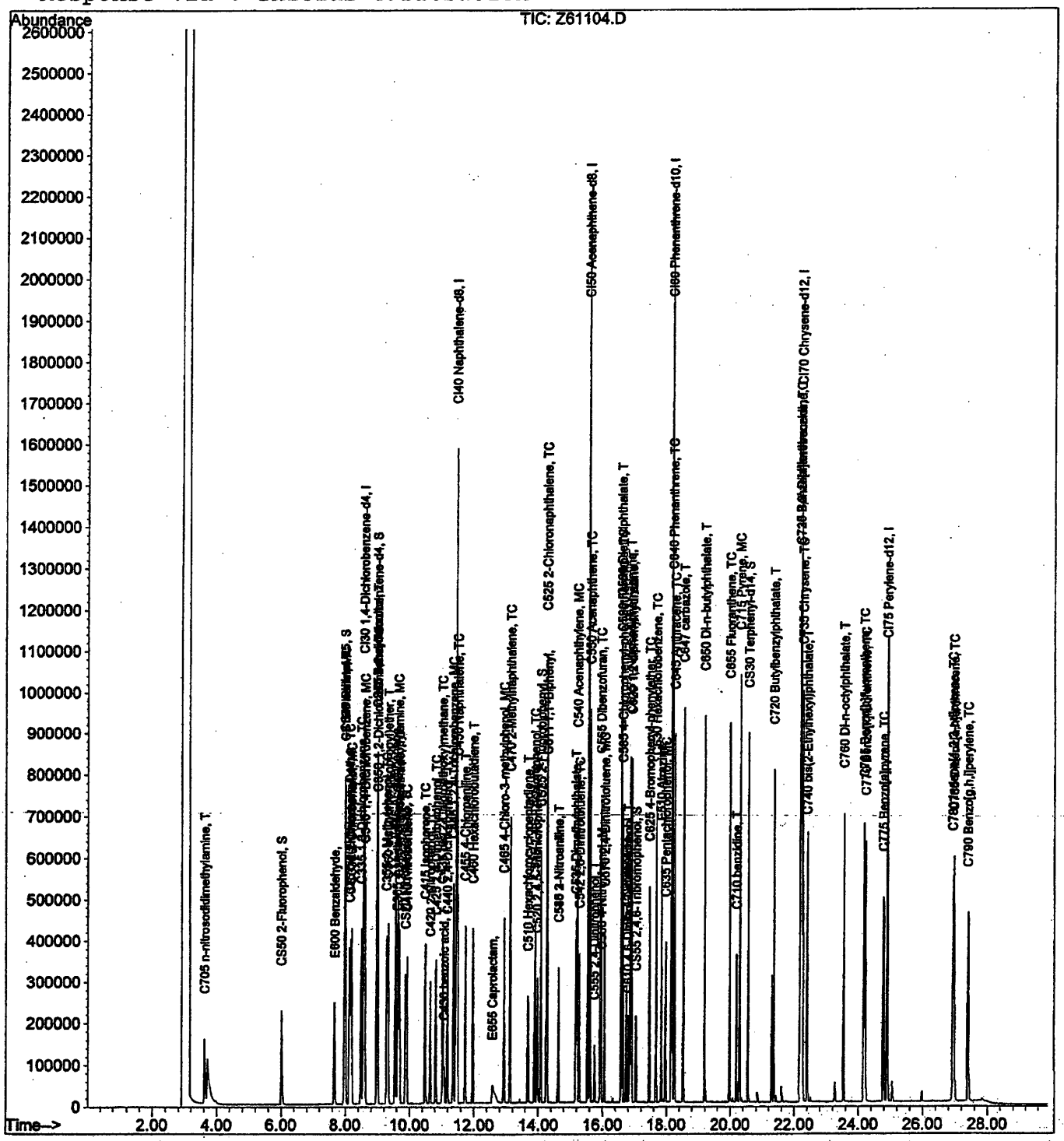
Mean % RSD: 8.8

* Ave RRF or Max % RSD is out of range or RRF is below MINRRF

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61104.D Vial: 2
Acq On : 8 Jun 2004 13:00 Operator: PM
Sample : SSTD020 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:55 2004 Quant Results File: CLP.RES

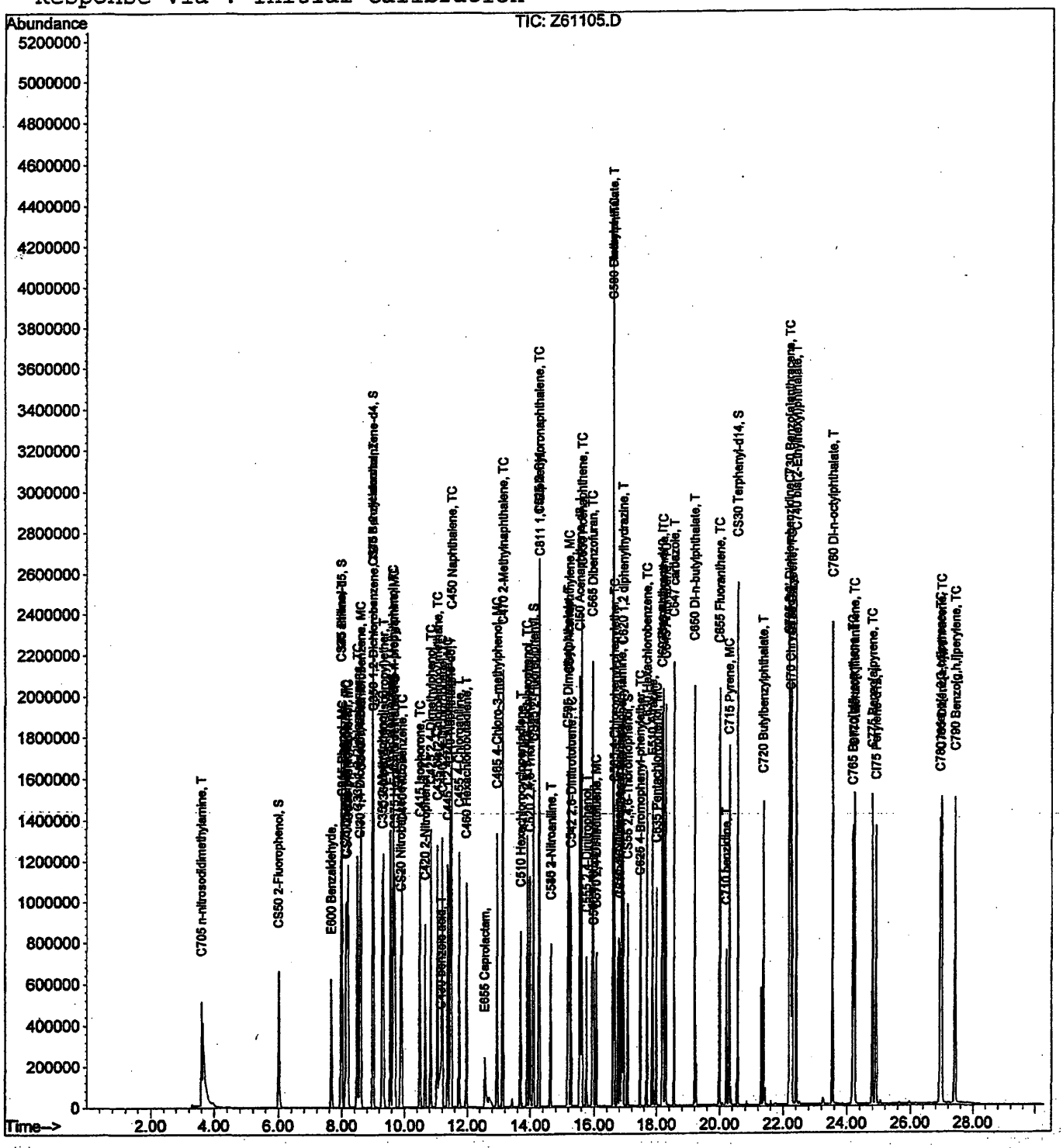
Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Initial Calibration



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61105.D Vial: 3
Acq On : 8 Jun 2004 13:34 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:56 2004 Quant Results File: CLP.RES

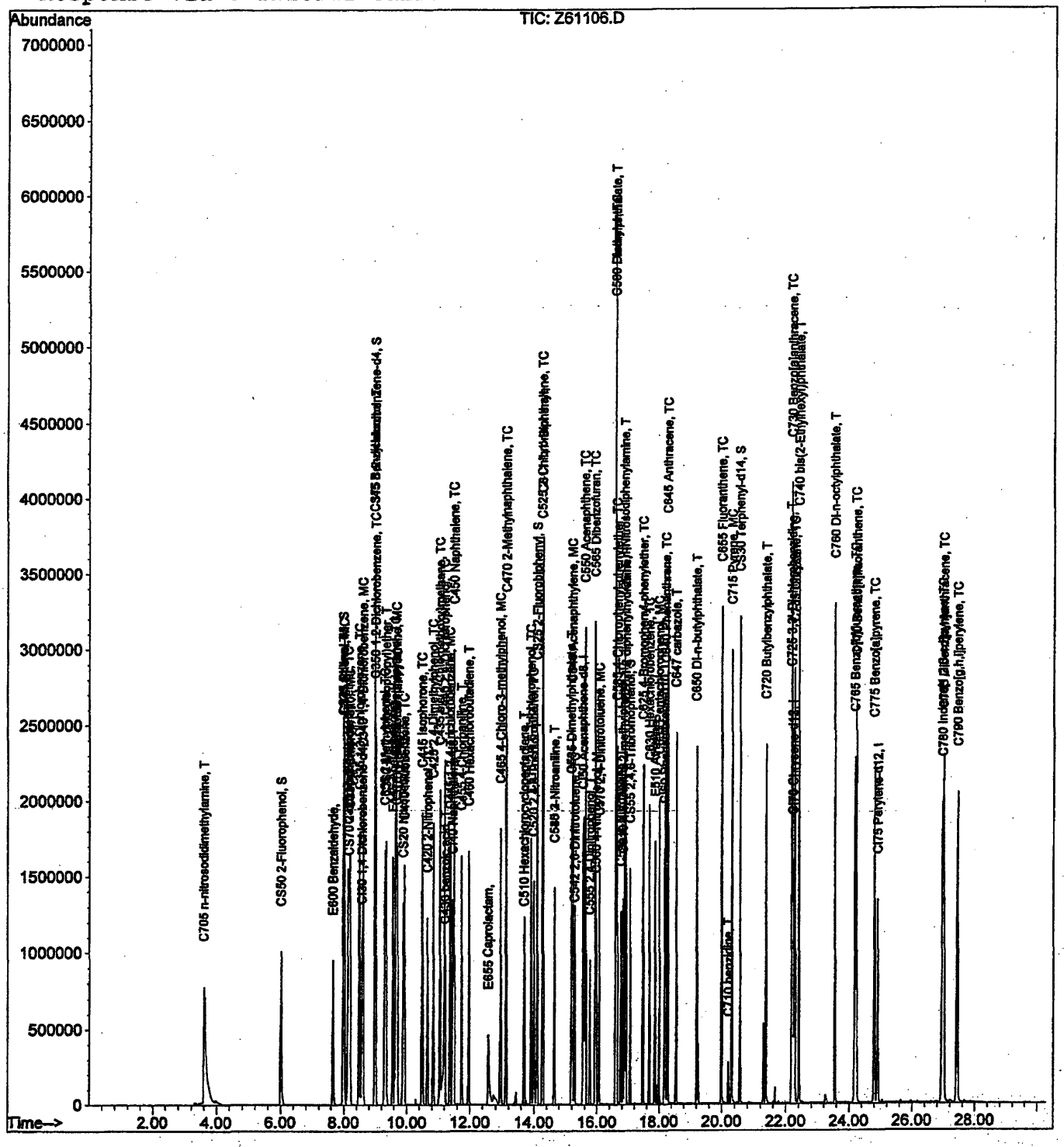
Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Initial Calibration



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61106.D Vial: 4
Acq On : 8 Jun 2004 14:09 Operator: PM
Sample : SSTD080 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:57 2004 Quant Results File: CLP.RES

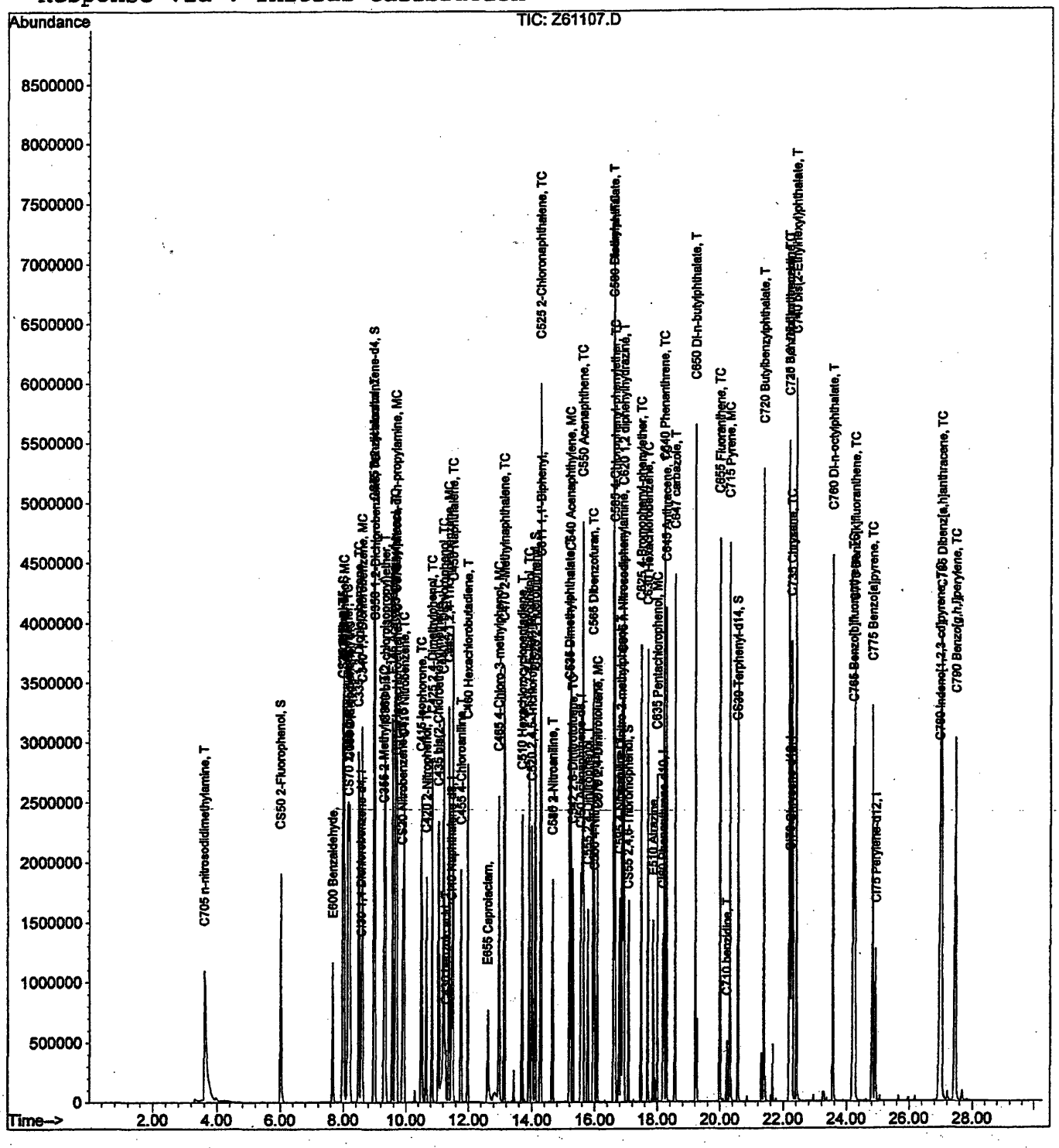
Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Initial Calibration



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61107.D Vial: 5
Acq On : 8 Jun 2004 14:43 Operator: PM
Sample : SSTD120 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 15:22 2004 Quant Results File: CLP.RES

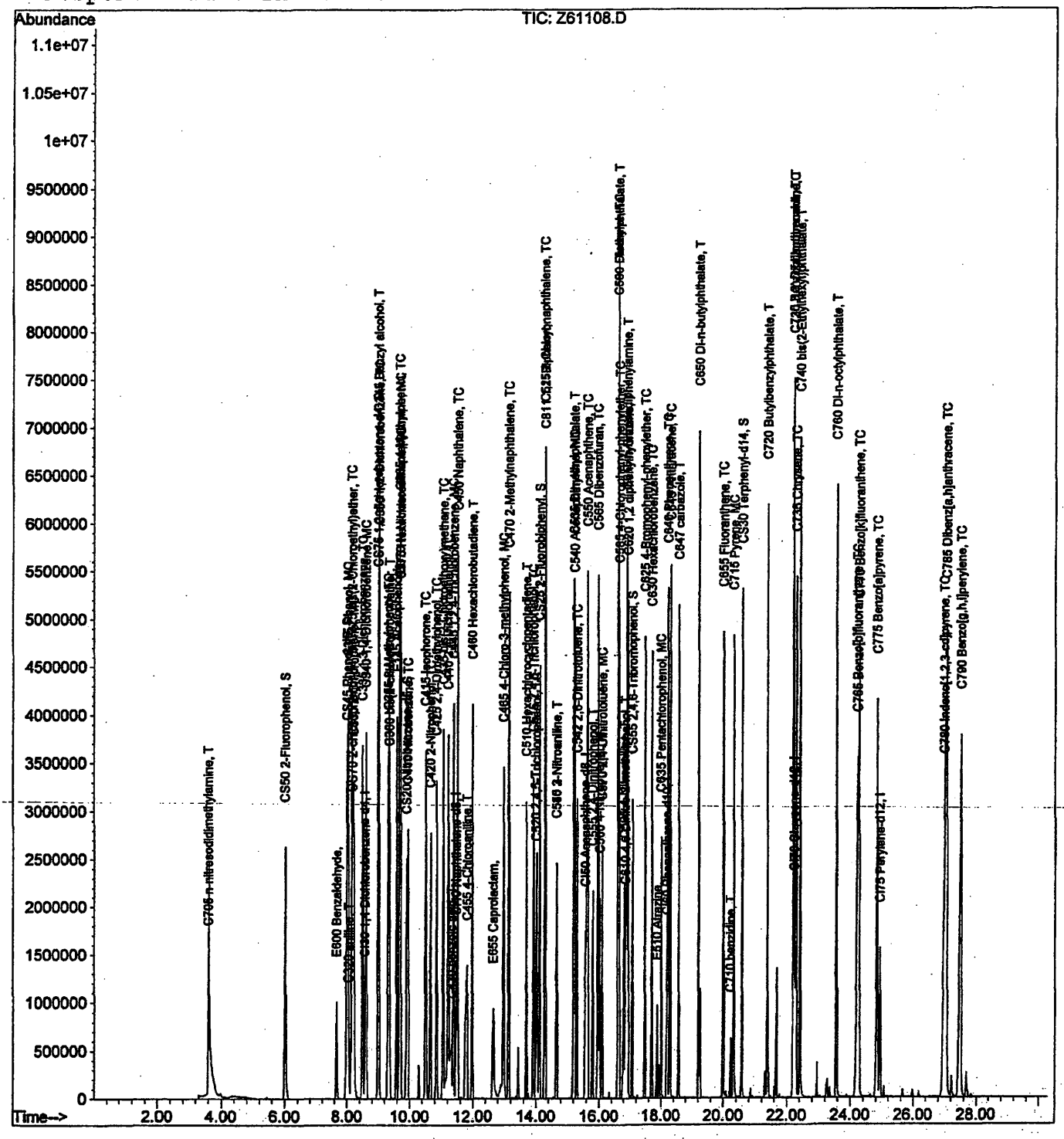
Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Initial Calibration



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61108.D Vial: 6
Acq On : 8 Jun 2004 15:18 Operator: PM
Sample : SSTD160 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 9 7:28 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:42:33 2004
Response via : Initial Calibration



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61104.D Vial: 2
Acq On : 8 Jun 2004 13:00 Operator: PM
Sample : SSTD020 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:55 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 08 14:55:01 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\060104\Z61034.D (1 Jun 2004 13:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	8.57	152	356090	40.00	ng	0.00 86.48%
22) CI40 Naphthalene-d8	11.45	136	1248165	40.00	ng	0.00 91.77%
38) CI50 Acenaphthene-d8	15.55	164	709748	40.00	ng	0.00 92.82%
60) CI60 Phenanthrene-d10	18.17	188	1152472	40.00	ng	0.00 93.59%
73) CI70 Chrysene-d12	22.22	240	1100125	40.00	ng	0.00 87.26%
82) CI75 Perylene-d12	24.90	264	986611	40.00	ng	0.00 94.29%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	6.00	112	194230	17.89	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 11.93%#			
6) CS45 Phenol-d5	7.97	99	256645	17.88	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 11.92%			
7) CS70 2-chlorophenol-d4	8.15	132	219583	18.01	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 12.01%#			
13) CS75 1,2-dichlorobenzene-d	8.98	152	145528	20.04	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 20.04%			
23) CS20 Nitrobenzene-d5	9.87	82	204724	17.21	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 17.21%#			
42) CS25 2-Fluorobiphenyl	14.08	172	412549	20.33	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 20.33%#			
63) CS55 2,4,6-Tribromophenol	17.05	330	60821	16.38	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 10.92%			
76) CS30 Terphenyl-d14	20.57	244	421913	21.73	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 21.73%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	3.62	74	115020	14.94	ng	89
4) E600 Benzaldehyde	7.67	77	127223	20.08	ng	# 82
5) C325 bis(2-Chloroethyl)eth	8.12	93	241175	18.19	ng	# 74
8) C315 Phenol	7.98	94	290383	18.87	ng	86
9) C330 2-Chlorophenol	8.18	128	220575	18.47	ng	86
10) C320 aniline	7.97	93	294066	21.32	ng	# 53

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61104.D Vial: 2
Acq On : 8 Jun 2004 13:00 Operator: PM
Sample : SSTD020 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:55 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 08 14:55:01 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	8.48	146	254980	19.82	ng		98
12)	C340 1,4-Dichlorobenzene	8.60	146	263692	20.07	ng		100
14)	C350 1,2-Dichlorobenzene	9.00	146	247744	20.27	ng		94
15)	C345 Benzyl alcohol	8.98	108	111762	16.92	ng	#	82
16)	C360 bis(2-chloroisopropyl	9.33	45	387875	18.69	ng		98
17)	C355 2-Methylphenol	9.28	108	175862	17.86	ng		92
18)	E145 Acetophenone	9.55	105	255874	18.17	ng		87
19)	C375 Hexachloroethane	9.68	117	92131	17.36	ng		85
20)	C370 N-Nitroso-di-n-propyl	9.65	70	149358	16.76	ng		82
21)	C365 4-Methylphenol	9.62	108	192015	17.70	ng		94
24)	C410 Nitrobenzene	9.92	77	217828	17.41	ng		89
25)	C415 Isophorone	10.48	82	391714	16.88	ng		92
26)	C430 benzoic acid	11.08	122	64807	14.68	ng		87
27)	C420 2-Nitrophenol	10.65	139	98929	16.62	ng		82
28)	C425 2,4-Dimethylphenol	10.83	107	167862	17.86	ng		95
29)	C435 bis(2-Chloroethoxy)me	11.03	93	261342	18.57	ng		93
30)	C440 2,4-Dichlorophenol	11.18	162	169001	18.63	ng		92
31)	C445 1,2,4-Trichlorobenzen	11.37	180	206221	19.86	ng		93
32)	C450 Naphthalene	11.50	128	631927	20.95	ng		98
33)	C455 4-Chloroaniline	11.73	127	242993	19.08	ng		99
34)	C460 Hexachlorobutadiene	11.97	225	104337	18.37	ng		96
35)	E655 Caprolactam	12.58	113	34979	15.98	ng		95
36)	C465 4-Chloro-3-methylphen	12.93	107	159051	16.96	ng		82
37)	C470 2-Methylnaphthalene	13.13	142	402760	20.42	ng		94
39)	C510 Hexachlorocyclopentad	13.68	237	103391	21.16	ng		96
40)	C515 2,4,6-Trichlorophenol	13.90	196	113165	17.99	ng		95
41)	C520 2,4,5-Trichlorophenol	13.97	196	124903	18.40	ng		91
43)	C525 2-Chloronaphthalene	14.27	162	378262	20.51	ng		94
44)	C811 1,1'-Biphenyl	14.28	154	463104	20.77	ng	#	98
45)	C530 2-Nitroaniline	14.63	65	94193	14.86	ng	#	77
46)	C540 Acenaphthylene	15.22	152	569354	20.31	ng		99
47)	C535 Dimethylphthalate	15.17	163	407830	19.82	ng		98
48)	C542 2,6-Dinitrotoluene	15.28	165	78562	16.23	ng		92
49)	C550 Acenaphthene	15.62	153	351196	20.84	ng		94
50)	C545 3-Nitroaniline	14.63	138	104283	15.72	ng	#	43
51)	C555 2,4-Dinitrophenol	15.75	184	45860	16.99	ng	#	41
52)	C565 Dibenzofuran	15.95	168	538581	20.93	ng		76
53)	C570 2,4-Dinitrotoluene	16.07	165	114267	16.97	ng		80
54)	C560 4-Nitrophenol	15.97	109	37144	14.80	ng	#	86
55)	C590 Fluorene	16.60	166	413177	21.14	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61104.D Vial: 2
Acq On : 8 Jun 2004 13:00 Operator: PM
Sample : SSTD020 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:55 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 08 14:55:01 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
56)	C585 4-Chlorophenyl-phenyl	16.63	204	222298	20.03 ng	96
57)	C580 Diethylphthalate	16.58	149	388477	18.72 ng	93
58)	C620 1,2 diphenylhydrazine	16.92	77	490585	17.74 ng	85
59)	C595 4-Nitroaniline	16.75	138	88554	15.33 ng	88
61)	C610 4,6-Dinitro-2-methylp	16.80	198	68978	16.42 ng	100
62)	C615 n-Nitrosodiphenylamin	16.87	169	313340	20.56 ng	96
64)	C625 4-Bromophenyl-phenyle	17.47	248	117287	17.88 ng	96
65)	C630 Hexachlorobenzene	17.68	284	150102	19.88 ng	90
66)	E510 Atrazine	17.85	200	97122	25.37 ng	97
67)	C635 Pentachlorophenol	17.98	266	79790	19.37 ng	99
68)	C640 Phenanthrene	18.20	178	607427	21.98 ng	98
69)	C645 Anthracene	18.27	178	579070	20.94 ng	98
70)	C647 carbazole	18.55	167	538910	21.01 ng	98
71)	C650 Di-n-butylphthalate	19.20	149	629580	19.74 ng	98
72)	C655 Fluoranthene	19.98	202	581673	20.66 ng	90
74)	C715 Pyrene	20.30	202	603279	22.72 ng	91
75)	C710 benzidine	20.20	184	206797	45.68 ng	97
77)	C720 Butylbenzylphthalate	21.37	149	272419	19.35 ng	87
78)	C725 3,3'-Dichlorobenzidin	22.18	252	168954	18.51 ng	99
79)	C730 Benzo[a]anthracene	22.18	228	540701	21.09 ng	97
80)	C735 Chrysene	22.27	228	609043	22.43 ng	97
81)	C740 bis(2-Ethylhexyl)phth	22.40	149	348569	18.50 ng	97
83)	C760 Di-n-octylphthalate	23.55	149	548005	20.49 ng	99
84)	C765 Benzo[b]fluoranthene	24.18	252	541941	21.32 ng	98
85)	C770 Benzo[k]fluoranthene	24.23	252	533928	23.09 ng	96
86)	C775 Benzo[a]pyrene	24.78	252	486458	20.15 ng	97
87)	C780 Indeno[1,2,3-cd]pyren	26.93	276	570553	17.61 ng	98
88)	C785 Dibenz[a,h]anthracene	26.97	278	533190	19.36 ng	97
89)	C790 Benzo[g,h,i]perylene	27.40	276	479385	16.76 ng	93

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61105.D Vial: 3
Acq On : 8 Jun 2004 13:34 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:56 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\060104\Z61034.D (1 Jun 2004 13:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	8.57	152	380059	40.00	ng	0.00 92.30%
22) CI40 Naphthalene-d8	11.45	136	1355480	40.00	ng	0.00 99.66%
38) CI50 Acenaphthene-d8	15.55	164	741568	40.00	ng	0.00 96.98%
60) CI60 Phenanthrene-d10	18.17	188	1164844	40.00	ng	0.00 94.60%
73) CI70 Chrysene-d12	22.23	240	1181657	40.00	ng	0.02 93.73%
82) CI75 Perylene-d12	24.92	264	1026049	40.00	ng	0.02 98.06%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	6.00	112	549554	47.42	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 31.61%			
6) CS45 Phenol-d5	7.97	99	707986	46.21	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 30.81%			
7) CS70 2-chlorophenol-d4	8.15	132	614706	47.25	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 31.50%#			
13) CS75 1,2-dichlorobenzene-d	8.98	152	386934	49.92	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 49.92%			
23) CS20 Nitrobenzene-d5	9.88	82	569185	44.06	ng	0.02
Spiked Amount 100.000	Range 34 - 114		Recovery = 44.06%			
42) CS25 2-Fluorobiphenyl	14.10	172	1052272	49.62	ng	0.02
Spiked Amount 100.000	Range 43 - 116		Recovery = 49.62%			
63) CS55 2,4,6-Tribromophenol	17.07	330	178537	47.58	ng	0.02
Spiked Amount 150.000	Range 10 - 123		Recovery = 31.72%			
76) CS30 Terphenyl-d14	20.57	244	1076751	51.63	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 51.63%			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	3.60	74	403774	49.14	ng	86
4) E600 Benzaldehyde	7.65	77	301017	44.51	ng	# 84
5) C325 bis(2-Chloroethyl)eth	8.12	93	643620	45.49	ng	# 73
8) C315 Phenol	8.00	94	797743	48.57	ng	96
9) C330 2-Chlorophenol	8.18	128	599942	47.08	ng	84
10) C320 aniline	7.97	93	765688	52.01	ng	# 50

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61105.D Vial: 3
Acq On : 8 Jun 2004 13:34 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:56 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	8.48	146	679524	49.49	ng		99
12)	C340 1,4-Dichlorobenzene	8.60	146	683936	48.78	ng		99
14)	C350 1,2-Dichlorobenzene	9.00	146	650439	49.86	ng		94
15)	C345 Benzyl alcohol	8.98	108	326167	46.27	ng	#	83
16)	C360 bis(2-chloroisopropyl	9.33	45	1044970	47.18	ng		97
17)	C355 2-Methylphenol	9.30	108	497209	47.32	ng		91
18)	E145 Acetophenone	9.55	105	694570	46.22	ng		87
19)	C375 Hexachloroethane	9.68	117	244412	43.15	ng		84
20)	C370 N-Nitroso-di-n-propyl	9.65	70	422729	44.46	ng		79
21)	C365 4-Methylphenol	9.63	108	540413	46.67	ng		94
24)	C410 Nitrobenzene	9.92	77	603701	44.44	ng		84
25)	C415 Isophorone	10.48	82	1124691	44.64	ng		91
26)	C430 benzoic acid	11.17	122	267484	55.78	ng		90
27)	C420 2-Nitrophenol	10.65	139	296880	45.93	ng		79
28)	C425 2,4-Dimethylphenol	10.83	107	459950	45.06	ng		92
29)	C435 bis(2-Chloroethoxy)me	11.05	93	730493	47.81	ng		96
30)	C440 2,4-Dichlorophenol	11.20	162	476676	48.38	ng		97
31)	C445 1,2,4-Trichlorobenzen	11.37	180	526419	46.68	ng		94
32)	C450 Naphthalene	11.50	128	1618054	49.40	ng		100
33)	C455 4-Chloroaniline	11.73	127	679183	49.11	ng		100
34)	C460 Hexachlorobutadiene	11.97	225	281520	45.64	ng		98
35)	E655 Caprolactam	12.55	113	110895	46.64	ng		84
36)	C465 4-Chloro-3-methylphen	12.95	107	448268	44.01	ng		86
37)	C470 2-Methylnaphthalene	13.13	142	1057654	49.37	ng		95
39)	C510 Hexachlorocyclopentad	13.70	237	297375	58.25	ng		95
40)	C515 2,4,6-Trichlorophenol	13.90	196	314720	47.88	ng		92
41)	C520 2,4,5-Trichlorophenol	13.98	196	347172	48.95	ng		93
43)	C525 2-Chloronaphthalene	14.27	162	961324	49.90	ng		96
44)	C811 1,1'-Biphenyl	14.28	154	1178937	50.60	ng	#	97
45)	C530 2-Nitroaniline	14.65	65	282803	42.71	ng		87
46)	C540 Acenaphthylene	15.22	152	1481515	50.58	ng		98
47)	C535 Dimethylphthalate	15.18	163	1043550	48.55	ng		98
48)	C542 2,6-Dinitrotoluene	15.28	165	236344	46.74	ng		81
49)	C550 Acenaphthene	15.62	153	885087	50.27	ng		95
50)	C545 3-Nitroaniline	14.65	138	320103	46.20	ng	#	48
51)	C555 2,4-Dinitrophenol	15.77	184	167851	59.51	ng	#	51
52)	C565 Dibenzofuran	15.95	168	1363638	50.71	ng		90
53)	C570 2,4-Dinitrotoluene	16.07	165	326041	46.36	ng	#	72
54)	C560 4-Nitrophenol	15.98	109	122226	46.60	ng		93
55)	C590 Fluorene	16.60	166	1031379	50.50	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61105.D Vial: 3
Acq On : 8 Jun 2004 13:34 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:56 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
56)	C585 4-Chlorophenyl-phenyl	16.63	204	551026	47.51 ng	96
57)	C580 Diethylphthalate	16.60	149	1078600	49.74 ng	98
58)	C620 1,2 diphenylhydrazine	16.92	77	1250526	43.28 ng	84
59)	C595 4-Nitroaniline	16.77	138	288282	47.77 ng	86
61)	C610 4,6-Dinitro-2-methylp	16.82	198	205696	48.46 ng	100
62)	C615 n-Nitrosodiphenylamin	16.87	169	792069	51.42 ng	94
64)	C625 4-Bromophenyl-phenyle	17.47	248	292230	44.07 ng	90
65)	C630 Hexachlorobenzene	17.68	284	353040	46.27 ng	94
66)	E510 Atrazine	17.87	200	251195	64.93 ng	99
67)	C635 Pentachlorophenol	18.00	266	221650	53.24 ng	100
68)	C640 Phenanthrene	18.20	178	1382834	49.51 ng	98
69)	C645 Anthracene	18.28	178	1493669	53.44 ng	98
70)	C647 carbazole	18.55	167	1315300	50.74 ng	99
71)	C650 Di-n-butylphthalate	19.20	149	1613859	50.05 ng	98
72)	C655 Fluoranthene	20.00	202	1517231	53.32 ng	91
74)	C715 Pyrene	20.30	202	1511094	52.99 ng	89
75)	C710 benzidine	20.20	184	459758	94.54 ng	99
77)	C720 Butylbenzylphthalate	21.37	149	737807	48.79 ng	82
78)	C725 3,3'-Dichlorobenzidin	22.18	252	463977	47.32 ng	98
79)	C730 Benzo[a]anthracene	22.20	228	1360691	49.42 ng	95
80)	C735 Chrysene	22.27	228	1393221	47.77 ng	96
81)	C740 bis(2-Ethylhexyl)phth	22.42	149	1063001	52.52 ng	97
83)	C760 Di-n-octylphthalate	23.55	149	1660971	59.72 ng	100
84)	C765 Benzo[b]fluoranthene	24.18	252	1523741	57.65 ng	99
85)	C770 Benzo[k]fluoranthene	24.23	252	1277766	53.13 ng	97
86)	C775 Benzo[a]pyrene	24.80	252	1326487	52.84 ng	98
87)	C780 Indeno[1,2,3-cd]pyren	26.95	276	1607680	47.70 ng	95
88)	C785 Dibenz[a,h]anthracene	26.98	278	1487223	51.91 ng	99
89)	C790 Benzo[g,h,i]perylene	27.43	276	1392623	46.83 ng	96

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61106.D Vial: 4
Acq On : 8 Jun 2004 14:09 Operator: PM
Sample : SSTD080 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:57 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 08 13:33:17 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\060804\Z61105.D (8 Jun 2004 13:34)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	8.57	152	337679	40.00	ng	0.00 88.85%
22) CI40 Naphthalene-d8	11.45	136	1260220	40.00	ng	0.00 92.97%
38) CI50 Acenaphthene-d8	15.55	164	669148	40.00	ng	0.00 90.23%
60) CI60 Phenanthrene-d10	18.17	188	1066319	40.00	ng	0.00 91.54%
73) CI70 Chrysene-d12	22.23	240	1060669	40.00	ng	0.00 89.76%
82) CI75 Perylene-d12	24.92	264	931511	40.00	ng	0.00 90.79%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	6.02	112	804755	78.23	ng	0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 52.15%			
6) CS45 Phenol-d5	7.97	99	1035554	76.97	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 51.31%			
7) CS70 2-chlorophenol-d4	8.15	132	897924	78.37	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 52.25%			
13) CS75 1,2-dichlorobenzene-d	8.98	152	548603	79.36	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 79.36%			
23) CS20 Nitrobenzene-d5	9.88	82	838345	71.30	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 71.30%			
42) CS25 2-Fluorobiphenyl	14.10	172	1509720	79.06	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 79.06%			
63) CS55 2,4,6-Tribromophenol	17.07	330	260896	75.83	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 50.55%			
76) CS30 Terphenyl-d14	20.57	244	1379009	73.96	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 73.96%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	3.60	74	565667	77.01	ng	85
4) E600 Benzaldehyde	7.65	77	456829	76.65	ng	# 83
5) C325 bis(2-Chloroethyl)eth	8.13	93	949323	76.55	ng	# 78
8) C315 Phenol	8.00	94	1147274	78.60	ng	91
9) C330 2-Chlorophenol	8.18	128	881013	78.29	ng	83
10) C320 aniline	7.97	93	1010568	77.29	ng	# 45

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61106.D Vial: 4
Acq On : 8 Jun 2004 14:09 Operator: PM
Sample : SSTD080 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:57 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 08 13:33:17 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	8.48	146	968056	78.88	ng		98
12)	C340 1,4-Dichlorobenzene	8.60	146	980301	78.80	ng		98
14)	C350 1,2-Dichlorobenzene	9.00	146	925202	79.71	ng		94
15)	C345 Benzyl alcohol	8.98	108	493074	79.19	ng	#	81
16)	C360 bis(2-chloroisopropyl	9.33	45	1520248	77.96	ng		97
17)	C355 2-Methylphenol	9.30	108	717408	77.57	ng		91
18)	E145 Acetophenone	9.55	105	1027784	77.82	ng	#	88
19)	C375 Hexachloroethane	9.68	117	337572	68.81	ng		88
20)	C370 N-Nitroso-di-n-propyl	9.67	70	636414	76.72	ng		82
21)	C365 4-Methylphenol	9.63	108	775121	76.03	ng		91
24)	C410 Nitrobenzene	9.92	77	870725	70.39	ng		82
25)	C415 Isophorone	10.48	82	1667762	72.60	ng		91
26)	C430 benzoic acid	11.22	122	458444	95.58	ng		91
27)	C420 2-Nitrophenol	10.65	139	446930	74.87	ng	#	78
28)	C425 2,4-Dimethylphenol	10.83	107	657489	70.11	ng		91
29)	C435 bis(2-Chloroethoxy)me	11.05	93	1068106	75.92	ng		96
30)	C440 2,4-Dichlorophenol	11.20	162	703510	77.09	ng		95
31)	C445 1,2,4-Trichlorobenzen	11.37	180	774808	74.73	ng		96
32)	C450 Naphthalene	11.50	128	2316698	76.49	ng		100
33)	C455 4-Chloroaniline	11.73	127	976216	76.50	ng		100
34)	C460 Hexachlorobutadiene	11.97	225	407898	72.23	ng		97
35)	E655 Caprolactam	12.57	113	179378	78.10	ng		83
36)	C465 4-Chloro-3-methylphen	12.95	107	668499	71.62	ng		82
37)	C470 2-Methylnaphthalene	13.13	142	1496878	75.50	ng		96
39)	C510 Hexachlorocyclopentad	13.68	237	426141	86.54	ng		98
40)	C515 2,4,6-Trichlorophenol	13.90	196	467183	78.61	ng		92
41)	C520 2,4,5-Trichlorophenol	13.98	196	503198	78.23	ng		93
43)	C525 2-Chloronaphthalene	14.27	162	1361117	78.29	ng		96
44)	C811 1,1'-Biphenyl	14.28	154	1678457	79.71	ng	#	96
45)	C530 2-Nitroaniline	14.65	65	426738	72.98	ng	#	77
46)	C540 Acenaphthylene	15.22	152	2202251	82.93	ng		97
47)	C535 Dimethylphthalate	15.18	163	1499278	77.71	ng		97
48)	C542 2,6-Dinitrotoluene	15.28	165	368672	80.88	ng	#	78
49)	C550 Acenaphthene	15.62	153	1272932	79.62	ng		95
50)	C545 3-Nitroaniline	14.65	138	502757	80.73	ng	#	44
51)	C555 2,4-Dinitrophenol	15.77	184	250346	89.12	ng	#	43
52)	C565 Dibenzofuran	15.95	168	1861239	76.12	ng		91
53)	C570 2,4-Dinitrotoluene	16.08	165	507248	80.64	ng		85
54)	C560 4-Nitrophenol	15.98	109	177200	74.38	ng	#	80
55)	C590 Fluorene	16.60	166	1410116	76.33	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61106.D Vial: 4
Acq On : 8 Jun 2004 14:09 Operator: PM
Sample : SSTD080 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 14:57 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 08 13:33:17 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
56)	C585 4-Chlorophenyl-phenyl	16.65	204	784608	75.33	ng		87
57)	C580 Diethylphthalate	16.60	149	1430095	73.71	ng		97
58)	C620 1,2 diphenylhydrazine	16.92	77	1932955	76.60	ng		88
59)	C595 4-Nitroaniline	16.77	138	411189	75.60	ng	#	77
61)	C610 4,6-Dinitro-2-methylp	16.83	198	326881	82.59	ng		100
62)	C615 n-Nitrosodiphenylamin	16.88	169	1191933	84.39	ng		96
64)	C625 4-Bromophenyl-phenyle	17.48	248	450565	75.69	ng	#	78
65)	C630 Hexachlorobenzene	17.68	284	490786	70.98	ng		97
66)	E510 Atrazine	17.87	200	270269	75.40	ng		98
67)	C635 Pentachlorophenol	18.00	266	338556	85.74	ng		97
68)	C640 Phenanthrene	18.22	178	1929176	75.88	ng		97
69)	C645 Anthracene	18.28	178	2125117	82.79	ng		97
70)	C647 carbazole	18.55	167	1825375	76.43	ng		98
71)	C650 Di-n-butylphthalate	19.20	149	2262507	76.56	ng		98
72)	C655 Fluoranthene	20.00	202	2119523	79.89	ng		87
74)	C715 Pyrene	20.32	202	2095228	80.91	ng		85
75)	C710 benzidine	20.20	184	172903	34.21	ng		100
77)	C720 Butylbenzylphthalate	21.38	149	1087351	81.08	ng		90
78)	C725 3,3'-Dichlorobenzidin	22.18	252	631955	73.10	ng		98
79)	C730 Benzo[a]anthracene	22.20	228	1811969	73.90	ng		95
80)	C735 Chrysene	22.28	228	1958824	76.58	ng		95
81)	C740 bis(2-Ethylhexyl)phth	22.42	149	1534645	83.73	ng		97
83)	C760 Di-n-octylphthalate	23.55	149	2443287	93.70	ng		100
84)	C765 Benzo[b]fluoranthene	24.20	252	2033289	81.79	ng		95
85)	C770 Benzo[k]fluoranthene	24.25	252	1856360	85.66	ng		96
86)	C775 Benzo[a]pyrene	24.82	252	1865802	80.98	ng		95
87)	C780 Indeno[1,2,3-cd]pyren	26.97	276	2396551	79.07	ng		84
88)	C785 Dibenz[a,h]anthracene	27.00	278	2129215	82.30	ng		95
89)	C790 Benzo[g,h,i]perylene	27.45	276	2075554	77.55	ng		92

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61107.D Vial: 5
Acq On : 8 Jun 2004 14:43 Operator: PM
Sample : SSTD120 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 15:22 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 08 13:33:17 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\060804\Z61105.D (8 Jun 2004 13:34)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) / Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	8.57	152	320731	40.00	ng	0.00 / 84.39%
22) CI40 Naphthalene-d8	11.47	136	1186183	40.00	ng	0.02 / 87.51%
38) CI50 Acenaphthene-d8	15.57	164	637685	40.00	ng	0.02 / 85.99%
60) CI60 Phenanthrene-d10	18.18	188	1013995	40.00	ng	0.02 / 87.05%
73) CI70 Chrysene-d12	22.23	240	986240	40.00	ng	0.00 / 83.46%
82) CI75 Perylene-d12	24.93	264	968637	40.00	ng	0.02 / 94.40%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	6.02	112	1307844	133.62	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 89.08%			
6) CS45 Phenol-d5	7.98	99	1635674	128.67	ng	0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 85.78%			
7) CS70 2-chlorophenol-d4	8.17	132	1407132	129.50	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 86.33%			
13) CS75 1,2-dichlorobenzene-d	8.98	152	832607	125.96	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 125.96%#			
23) CS20 Nitrobenzene-d5	9.88	82	1353870	125.30	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 125.30%#			
42) CS25 2-Fluorobiphenyl	14.10	172	2150836	118.54	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 118.54%#			
63) CS55 2,4,6-Tribromophenol	17.07	330	381690	118.26	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 78.84%			
76) CS30 Terphenyl-d14	20.57	244	2050219	120.68	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 120.68%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	3.60	74	911675	131.81	ng	84
4) E600 Benzaldehyde	7.67	77	571642	103.53	ng	# 83
5) C325 bis(2-Chloroethyl)eth	8.13	93	1541844	131.93	ng	# 74
8) C315 Phenol	8.02	94	1794050	129.35	ng	92
9) C330 2-Chlorophenol	8.20	128	1409922	132.30	ng	84
10) C320 aniline	7.98	93	1442344	116.21	ng	# 39

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61107.D Vial: 5
Acq On : 8 Jun 2004 14:43 Operator: PM
Sample : SSTD120 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 15:22 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 08 13:33:17 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	8.48	146	1457657	124.35 ng		99
12)	C340 1,4-Dichlorobenzene	8.60	146	1486663	125.25 ng		98
14)	C350 1,2-Dichlorobenzene	9.02	146	1417595	127.66 ng		96
15)	C345 Benzyl alcohol	8.98	108	809963	136.56 ng	#	75
16)	C360 bis(2-chloroisopropyl	9.33	45	2401278	129.90 ng		89
17)	C355 2-Methylphenol	9.30	108	1161691	133.06 ng		94
18)	E145 Acetophenone	9.57	105	1563260	125.05 ng	#	89
19)	C375 Hexachloroethane	9.70	117	464704	102.90 ng		94
20)	C370 N-Nitroso-di-n-propyl	9.68	70	1040587	133.08 ng		82
21)	C365 4-Methylphenol	9.65	108	1229863	127.82 ng		93
24)	C410 Nitrobenzene	9.93	77	1390990	121.98 ng		85
25)	C415 Isophorone	10.50	82	2602423	122.65 ng		91
26)	C430 benzoic acid	11.28	122	776826	161.71 ng		91
27)	C420 2-Nitrophenol	10.67	139	738938	132.70 ng		86
28)	C425 2,4-Dimethylphenol	10.85	107	1096412	127.23 ng		93
29)	C435 bis(2-Chloroethoxy)me	11.05	93	1702115	129.40 ng		95
30)	C440 2,4-Dichlorophenol	11.22	162	1104243	128.93 ng		96
31)	C445 1,2,4-Trichlorobenzen	11.38	180	1184390	122.34 ng		95
32)	C450 Naphthalene	11.52	128	3507502	123.15 ng		99
33)	C455 4-Chloroaniline	11.77	127	1523328	127.50 ng		100
34)	C460 Hexachlorobutadiene	11.98	225	608861	117.14 ng		98
35)	E655 Caprolactam	12.62	113	295705	133.73 ng		85
36)	C465 4-Chloro-3-methylphen	12.97	107	1065732	124.17 ng		88
37)	C470 2-Methylnaphthalene	13.13	142	2250863	121.51 ng		94
39)	C510 Hexachlorocyclopentad	13.70	237	641643	132.04 ng		96
40)	C515 2,4,6-Trichlorophenol	13.92	196	711320	126.20 ng		94
41)	C520 2,4,5-Trichlorophenol	14.00	196	789061	129.06 ng		95
43)	C525 2-Chloronaphthalene	14.28	162	2022213	122.02 ng		92
44)	C811 1,1'-Biphenyl	14.30	154	2448608	121.96 ng	#	95
45)	C530 2-Nitroaniline	14.67	65	706815	131.46 ng	#	81
46)	C540 Acenaphthylene	15.23	152	3141817	122.63 ng		97
47)	C535 Dimethylphthalate	15.20	163	2208049	121.02 ng		97
48)	C542 2,6-Dinitrotoluene	15.30	165	568061	131.57 ng		81
49)	C550 Acenaphthene	15.63	153	1882637	123.41 ng		94
50)	C545 3-Nitroaniline	14.67	138	817081	138.69 ng	#	46
51)	C555 2,4-Dinitrophenol	15.78	184	414751	145.91 ng	#	46
52)	C565 Dibenzofuran	15.97	168	2812452	121.42 ng		87
53)	C570 2,4-Dinitrotoluene	16.10	165	815848	136.78 ng		90
54)	C560 4-Nitrophenol	16.00	109	270818	119.80 ng	#	81
55)	C590 Fluorene	16.62	166	2115811	120.24 ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61107.D Vial: 5
Acq On : 8 Jun 2004 14:43 Operator: PM
Sample : SSTD120 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 8 15:22 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 08 13:33:17 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
56)	C585 4-Chlorophenyl-phenyl	16.65	204	1181462	121.14	ng	94
57)	C580 Diethylphthalate	16.62	149	2298611	126.10	ng	98
58)	C620 1,2 diphenylhydrazine	16.93	77	3042048	130.02	ng	84
59)	C595 4-Nitroaniline	16.80	138	727877	143.76	ng	83
61)	C610 4,6-Dinitro-2-methylp	16.85	198	544441	141.70	ng	100
62)	C615 n-Nitrosodiphenylamin	16.90	169	1721842	125.86	ng	97
64)	C625 4-Bromophenyl-phenyle	17.48	248	672838	120.75	ng	89
65)	C630 Hexachlorobenzene	17.70	284	776065	120.03	ng	79
66)	E510 Atrazine	17.87	200	277423	82.54	ng	97
67)	C635 Pentachlorophenol	18.00	266	497294	127.60	ng	96
68)	C640 Phenanthrene	18.22	178	2713571	112.33	ng	97
69)	C645 Anthracene	18.28	178	2852865	114.01	ng	97
70)	C647 carbazole	18.57	167	2843823	124.18	ng	97
71)	C650 Di-n-butylphthalate	19.22	149	3888485	136.77	ng	99
72)	C655 Fluoranthene	20.00	202	2783327	110.45	ng	94
74)	C715 Pyrene	20.32	202	2777953	113.64	ng	94
75)	C710 benzidine	20.22	184	293757	62.56	ng	100
77)	C720 Butylbenzylphthalate	21.38	149	1732234	137.46	ng	96
78)	C725 3,3'-Dichlorobenzidin	22.20	252	926313	116.77	ng	98
79)	C730 Benzo[a]anthracene	22.20	228	2771920	123.04	ng	95
80)	C735 Chrysene	22.28	228	2848794	119.37	ng	96
81)	C740 bis(2-Ethylhexyl)phth	22.42	149	2383227	136.94	ng	98
83)	C760 Di-n-octylphthalate	23.57	149	3970486	140.31	ng	100
84)	C765 Benzo[b]fluoranthene	24.22	252	3394434	130.98	ng	94
85)	C770 Benzo[k]fluoranthene	24.27	252	2694112	116.25	ng	95
86)	C775 Benzo[a]pyrene	24.83	252	3029702	125.56	ng	95
87)	C780 Indeno[1,2,3-cd]pyren	26.98	276	4165005	132.48	ng	85
88)	C785 Dibenz[a,h]anthracene	27.03	278	3354425	124.80	ng	91
89)	C790 Benzo[g,h,i]perylene	27.48	276	3691217	133.57	ng	89

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61108.D Vial: 6
Acq On : 8 Jun 2004 15:18 Operator: PM
Sample : SSTD160 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 9 7:28 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:42:33 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\060804\Z61105.D (8 Jun 2004 13:34)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	8.57	152	326920	40.00	ng	0.00 79.39%
22) CI40 Naphthalene-d8	11.47	136	1246592	40.00	ng	0.00 91.66%
38) CI50 Acenaphthene-d8	15.57	164	662944	40.00	ng	0.00 86.70%
60) CI60 Phenanthrene-d10	18.18	188	1039718	40.00	ng	0.00 84.44%
73) CI70 Chrysene-d12	22.23	240	1046562	40.00	ng	0.00 83.01%
82) CI75 Perylene-d12	24.93	264	1085200	40.00	ng	0.00 103.71%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	6.02	112	1783166	178.04	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 118.69%#			
6) CS45 Phenol-d5	8.00	99	2250001	174.48	ng	0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 116.32%#			
7) CS70 2-chlorophenol-d4	8.17	132	1886205	170.70	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery = 113.80%#			
13) CS75 1,2-dichlorobenzene-d	8.98	152	1091183	161.57	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery = 161.57%#			
23) CS20 Nitrobenzene-d5	9.90	82	1868546	167.83	ng	0.02
Spiked Amount 100.000	Range 34 - 114		Recovery = 167.83%#			
42) CS25 2-Fluorobiphenyl	14.12	172	2912809	155.03	ng	0.02
Spiked Amount 100.000	Range 43 - 116		Recovery = 155.03%#			
63) CS55 2,4,6-Tribromophenol	17.08	330	535018	166.55	ng	0.02
Spiked Amount 150.000	Range 10 - 123		Recovery = 111.03%			
76) CS30 Terphenyl-d14	20.58	244	2734169	151.74	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 151.74%#			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	3.60	74	1262861	181.24	ng	82
4) E600 Benzaldehyde	7.67	77	533927	100.74	ng	# 83
5) C325 bis(2-Chloroethyl)eth	8.15	93	1992994	167.18	ng	# 77
8) C315 Phenol	8.03	94	2504463	177.49	ng	92
9) C330 2-Chlorophenol	8.20	128	1890479	173.28	ng	85
10) C320 aniline	8.05	93	1356729	108.66	ng	# 3

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61108.D Vial: 6
Acq On : 8 Jun 2004 15:18 Operator: PM
Sample : SSTD160 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 9 7:28 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:42:33 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	8.48	146	1978616	166.01	ng		100
12)	C340 1,4-Dichlorobenzene	8.60	146	1992124	164.71	ng		100
14)	C350 1,2-Dichlorobenzene	9.02	146	1788295	156.87	ng		97
15)	C345 Benzyl alcohol	9.00	108	1045345	171.60	ng	#	80
16)	C360 bis(2-chloroisopropyl	9.35	45	3310812	175.45	ng		96
17)	C355 2-Methylphenol	9.32	108	1594891	178.05	ng		92
18)	E145 Acetophenone	9.58	105	2281649	180.59	ng		88
19)	C375 Hexachloroethane	9.70	117	538660	124.28	ng		99
20)	C370 N-Nitroso-di-n-propyl	9.68	70	1374266	172.63	ng	#	78
21)	C365 4-Methylphenol	9.67	108	1659829	170.85	ng		92
24)	C410 Nitrobenzene	9.93	77	1910636	163.43	ng		81
25)	C415 Isophorone	10.50	82	3652791	167.81	ng		88
26)	C430 benzoic acid	11.33	122	1131334	212.26	ng		94
27)	C420 2-Nitrophenol	10.67	139	1018033	174.94	ng		82
28)	C425 2,4-Dimethylphenol	10.85	107	1490834	166.67	ng		91
29)	C435 bis(2-Chloroethoxy)me	11.07	93	2298565	166.77	ng		95
30)	C440 2,4-Dichlorophenol	11.22	162	1447622	161.20	ng		95
31)	C445 1,2,4-Trichlorobenzen	11.38	180	1550769	153.89	ng		94
32)	C450 Naphthalene	11.52	128	4451812	149.04	ng		99
33)	C455 4-Chloroaniline	11.82	127	1981980	157.98	ng		100
34)	C460 Hexachlorobutadiene	11.98	225	808141	152.34	ng		96
35)	E655 Caprolactam	12.65	113	431105	187.38	ng		85
36)	C465 4-Chloro-3-methylphen	12.98	107	1492968	169.17	ng		89
37)	C470 2-Methylnaphthalene	13.15	142	2980355	153.51	ng		98
39)	C510 Hexachlorocyclopentad	13.70	237	811955	157.28	ng		95
40)	C515 2,4,6-Trichlorophenol	13.92	196	974885	167.47	ng		92
41)	C520 2,4,5-Trichlorophenol	14.00	196	1080844	169.75	ng		93
43)	C525 2-Chloronaphthalene	14.28	162	2548116	148.77	ng		91
44)	C811 1,1'-Biphenyl	14.30	154	2985076	142.34	ng	#	93
45)	C530 2-Nitroaniline	14.67	65	985488	179.74	ng	#	73
46)	C540 Acenaphthylene	15.23	152	4027129	150.36	ng		96
47)	C535 Dimethylphthalate	15.22	163	3165226	168.03	ng		98
48)	C542 2,6-Dinitrotoluene	15.32	165	836043	187.18	ng		85
49)	C550 Acenaphthene	15.63	153	2366788	149.02	ng		95
50)	C545 3-Nitroaniline	14.67	138	1114033	180.69	ng	#	45
51)	C555 2,4-Dinitrophenol	15.80	184	628099	205.07	ng	#	54
52)	C565 Dibenzofuran	15.97	168	3710334	155.48	ng		86
53)	C570 2,4-Dinitrotoluene	16.10	165	998996	158.92	ng		80
54)	C560 4-Nitrophenol	16.02	109	386019	170.55	ng	#	81
55)	C590 Fluorene	16.62	166	2665977	147.53	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61108.D Vial: 6
Acq On : 8 Jun 2004 15:18 Operator: PM
Sample : SSTD160 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 9 7:28 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:42:33 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
56)	C585 4-Chlorophenyl-phenyl	16.65	204	1445053	144.98	ng		95
57)	C580 Diethylphthalate	16.62	149	2646727	141.27	ng		97
58)	C620 1,2 diphenylhydrazine	16.93	77	3862897	156.93	ng		86
59)	C595 4-Nitroaniline	16.82	138	1023455	192.59	ng	#	81
61)	C610 4,6-Dinitro-2-methylp	16.85	198	734645	184.26	ng		100
62)	C615 n-Nitrosodiphenylamin	16.90	169	2195399	155.36	ng		96
64)	C625 4-Bromophenyl-phenyle	17.48	248	871816	154.66	ng		92
65)	C630 Hexachlorobenzene	17.70	284	930627	143.57	ng		79
66)	E510 Atrazine	17.87	200	146814	45.54	ng		95
67)	C635 Pentachlorophenol	18.00	266	692891	173.17	ng		97
68)	C640 Phenanthrene	18.22	178	3460260	139.60	ng		97
69)	C645 Anthracene	18.30	178	4001135	158.40	ng		97
70)	C647 carbazole	18.57	167	3459627	148.34	ng		97
71)	C650 Di-n-butylphthalate	19.22	149	4785727	161.42	ng		98
72)	C655 Fluoranthene	20.00	202	3621807	141.86	ng		94
74)	C715 Pyrene	20.32	202	3589768	140.59	ng		94
75)	C710 benzidine	20.22	184	325733	65.40	ng		100
77)	C720 Butylbenzylphthalate	21.38	149	2170553	157.15	ng		95
78)	C725 3,3'-Dichlorobenzidin	22.22	252	1221028	150.66	ng		95
79)	C730 Benzo[a]anthracene	22.22	228	3552040	147.89	ng		95
80)	C735 Chrysene	22.30	228	3766926	150.03	ng		95
81)	C740 bis(2-Ethylhexyl)phth	22.42	149	3090706	162.84	ng		97
83)	C760 Di-n-octylphthalate	23.57	149	5090273	153.97	ng		99
84)	C765 Benzo[b]fluoranthene	24.23	252	5022617m	167.68	ng		94
85)	C770 Benzo[k]fluoranthene	24.28	252	3316703m	127.82	ng		94
86)	C775 Benzo[a]pyrene	24.85	252	4238402	156.07	ng		94
87)	C780 Indeno[1,2,3-cd]pyren	27.00	276	6217087	176.06	ng		79
88)	C785 Dibenz[a,h]anthracene	27.07	278	4957995	163.29	ng		88
89)	C790 Benzo[g,h,i]perylene	27.52	276	5589871	182.58	ng		86

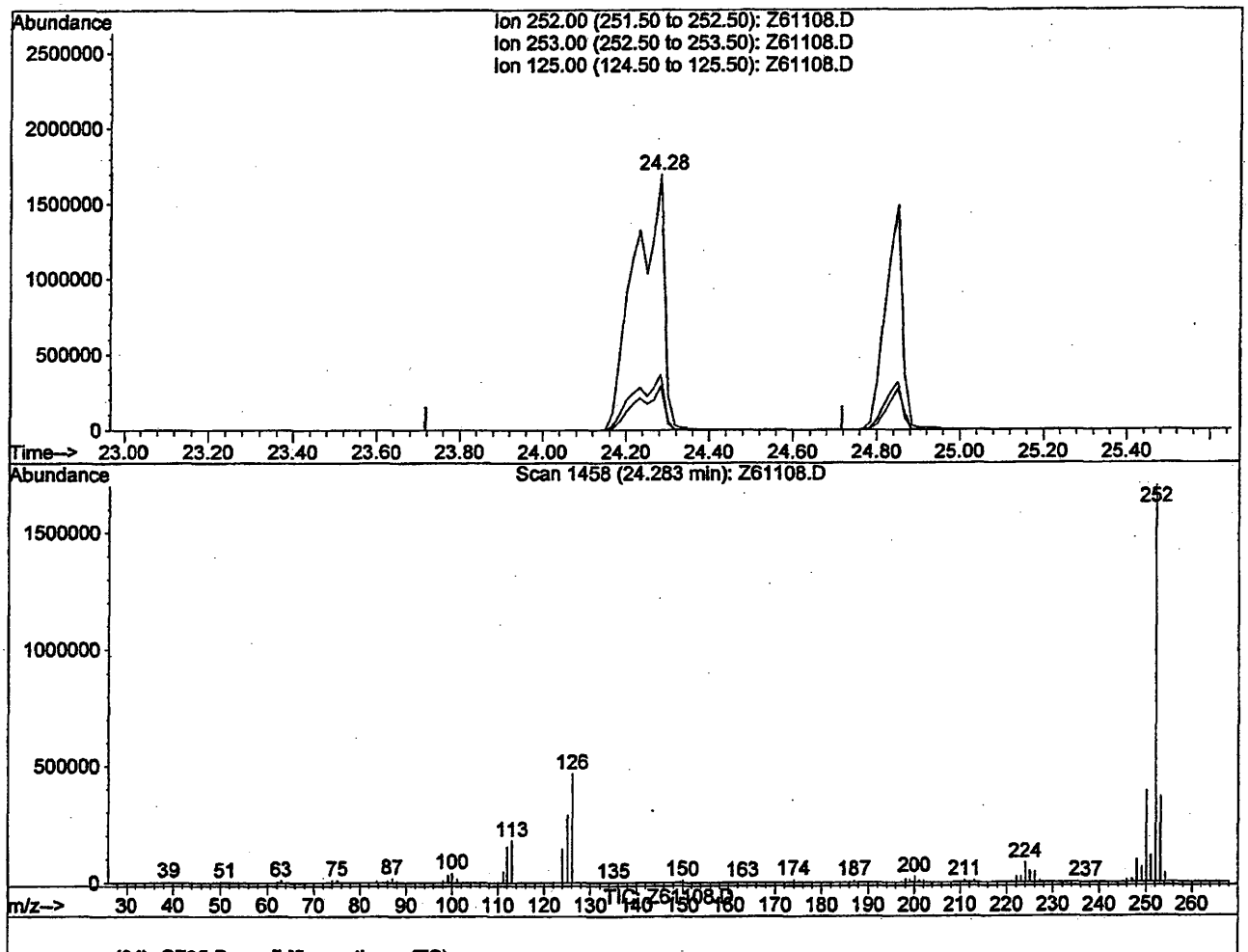
6/9

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61108.D Vial: 6
Acq On : 8 Jun 2004 15:18 Operator: PM
Sample : SSTD160 Inst : I50Z-A
Misc : Multiplr: 1.00
[illegible] Quant Results File: temp.res

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Multiple Level Calibration



(84) C765 Benzo[b]fluoranthene (TC)

24.28min 279.62ng

response 8375494

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.50
125.00	10.60	17.02
0.00	0.00	0.00

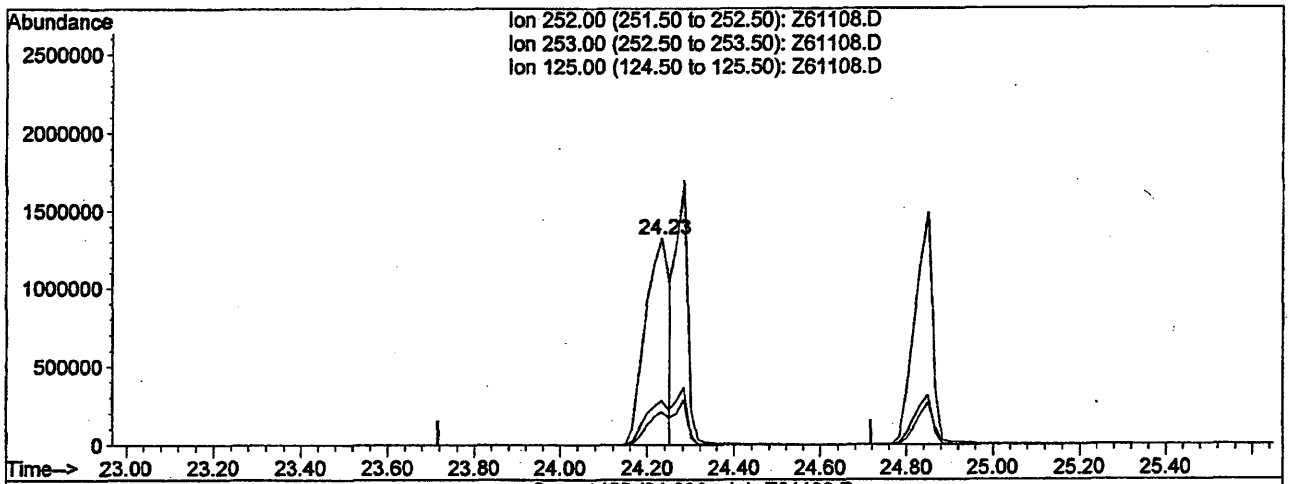
Poor calibration

6/19/04

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61108.D Vial: 6
Acq On : 8 Jun 2004 15:18 Operator: PM
Sample : SSTD160 Inst : I50Z-A
Misc : Multiplr: 1.00
MSIntegrationParams: startup.p Quant Results File: temp.res

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Multiple Level Calibration



(84) C765 Benzo[b]fluoranthene (TC)

24.23min 167.68ng m

response 5022617

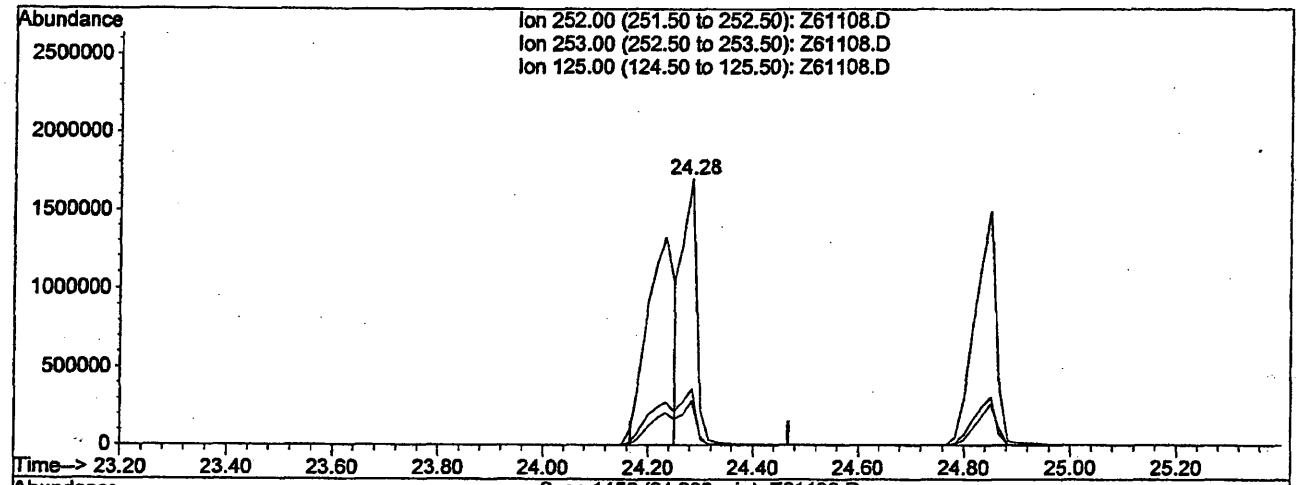
Ion	Exp%	Act%
252.00	100	100
253.00	21.80	21.05
125.00	10.60	15.93
0.00	0.00	0.00

6/9/04

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\060804\Z61108.D Vial: 6
Acq On : 8 Jun 2004 15:18 Operator: PM
Sample : SSTD160 Inst : I50Z-A
Misc : Multiplr: 1.00
[illegible] Quant Results File: temp.res

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jun 01 13:43:07 2004
Response via : Multiple Level Calibration



(85) C770 Benzo[k]fluoranthene (TC)

24.28min 127.82ng m

response 3316703

Ion	Exp%	Act%
252.00	100	100
253.00	22.40	21.50
125.00	11.90	17.02
0.00	0.00	0.00

SEMIVOLATILE 3/90 AND ASP '91
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4C0002778-1

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

Lab File Id: Z61751.RR Calibration Date: 07/27/2004 Time: 11:18

Intrument ID: I50Z-A Init. Calib. Date(s): 06/08/2004 06/08/2004

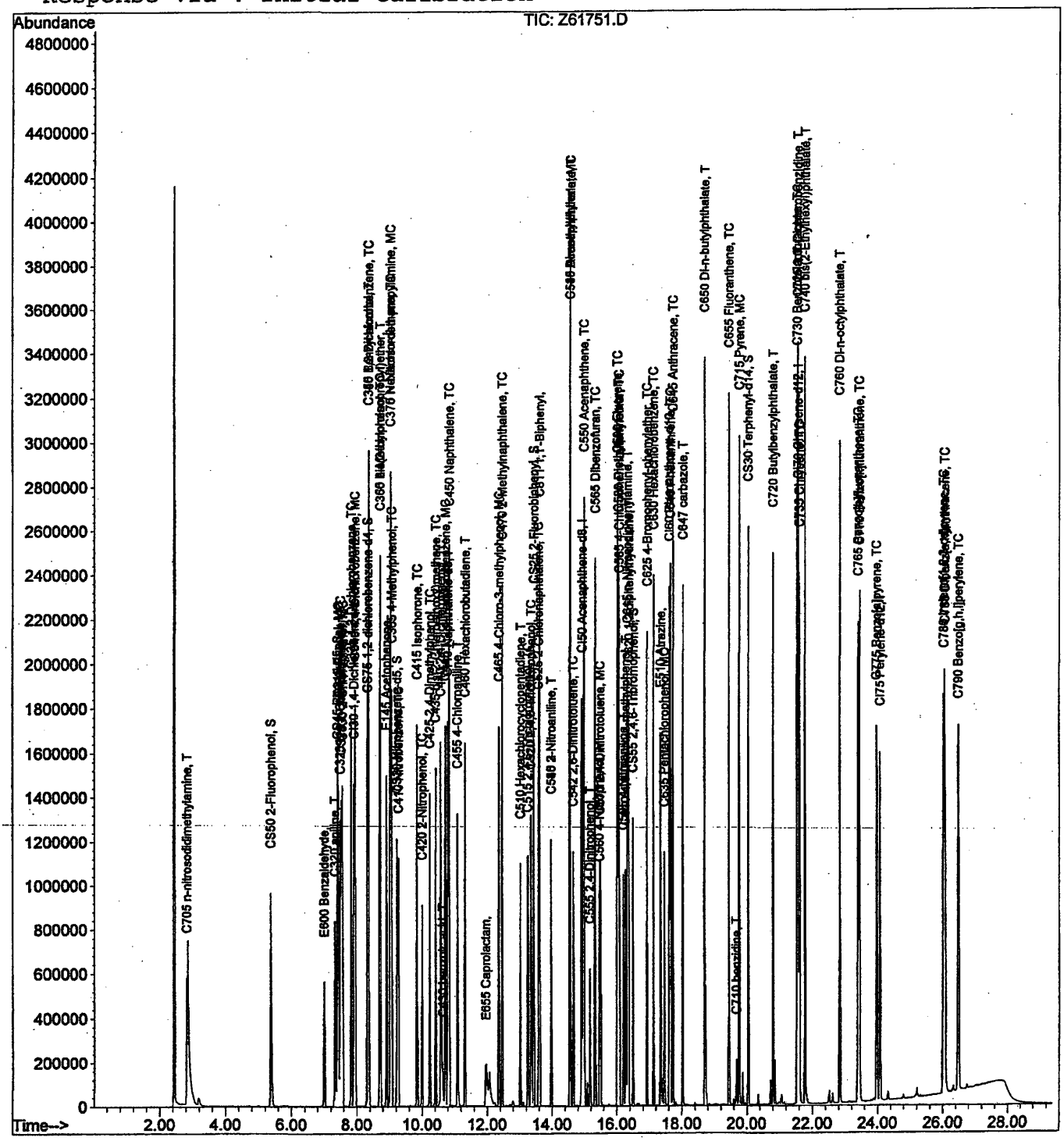
Init. Calib. Times: 13:00 15:18

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	1.7580	1.6040	0.8000	8.800	25.00
4-Methylphenol	1.1820	1.1374	0.6000	3.800	25.00
Naphthalene	0.9530	1.0254	0.7000	-7.600	25.00
Nitrobenzene-D5	0.3500	0.3762	0.2000	-7.500	25.00
2-Fluorobiphenyl	1.1300	1.1015	0.7000	2.500	25.00
p-Terphenyl-d14	0.6980	0.6823	0.5000	2.200	25.00
Phenol-D5	1.5770	1.4685	0.8000	6.900	25.00
2-Fluorophenol	1.2320	1.1783	0.6000	4.400	25.00
2,4,6-Tribromophenol	0.1210	0.1318	0.0100	-8.900	100.00
2-Chlorophenol-d4	1.3520	1.2754	0.8000	5.700	25.00
1,2-Dichlorobenzene-d4	0.8290	0.8000	0.4000	3.500	25.00

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61751.D Vial: 2
Acq On : 27 Jul 2004 11:18 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 27 11:55 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 26 10:23:20 2004
Response via : Initial Calibration



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61751.D Vial: 2
Acq On : 27 Jul 2004 11:18 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 27 11:55 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 19 07:09:07 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072604\Z61729.D (26 Jul 2004 09:50)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	437981	40.00	ng		-0.02 105.52%
22) CI40 Naphthalene-d8	10.78	136	1441043	40.00	ng		-0.02 101.38%
38) CI50 Acenaphthene-d8	14.92	164	867392	40.00	ng		-0.02 102.85%
60) CI60 Phenanthrene-d10	17.62	188	1358748	40.00	ng		-0.02 100.64%
73) CI70 Chrysene-d12	21.57	240	1423023	40.00	ng		-0.02 116.20%
82) CI75 Perylene-d12	24.08	264	1218061	40.00	ng		-0.02 120.40%
System Monitoring Compounds							
3) CS50 2-Fluorophenol	5.37	112	645104	47.81	ng		-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 31.87%				
6) CS45 Phenol-d5	7.40	99	803959	46.56	ng		0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 31.04%				
7) CS70 2-chlorophenol-d4	7.52	132	698239	47.16	ng		-0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 31.44%#				
13) CS75 1,2-dichlorobenzene-d	8.32	152	438004	48.27	ng		-0.02
Spiked Amount 100.000	Range 16 - 110		Recovery = 48.27%				
23) CS20 Nitrobenzene-d5	9.22	82	677569	53.68	ng		-0.02
Spiked Amount 100.000	Range 34 - 114		Recovery = 53.68%				
42) CS25 2-Fluorobiphenyl	13.42	172	1194261	48.75	ng		-0.02
Spiked Amount 100.000	Range 43 - 116		Recovery = 48.75%				
63) CS55 2,4,6-Tribromophenol	16.50	330	223857	54.50	ng		-0.02
Spiked Amount 150.000	Range 10 - 123		Recovery = 36.33%				
76) CS30 Terphenyl-d14	20.03	244	1213652	48.85	ng		-0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 48.85%				
Target Compounds							Qvalue
2) C705 n-nitrosodidimethylam	2.82	74	508698	54.70	ng		89
4) E600 Benzaldehyde	7.00	77	276988	41.79	ng	#	87
5) C325 bis(2-Chloroethyl)eth	7.48	93	795223	50.15	ng	#	77
8) C315 Phenol	7.42	94	878135	45.63	ng		85
9) C330 2-Chlorophenol	7.55	128	704561	47.90	ng		86
10) C320 aniline	7.32	93	723893	45.31	ng		92

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61751.D Vial: 2
Acq On : 27 Jul 2004 11:18 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 27 11:55 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 19 07:09:07 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	7.82	146	802352	50.03 ng		98
12)	C340 1,4-Dichlorobenzene	7.93	146	807836	49.58 ng		99
14)	C350 1,2-Dichlorobenzene	8.35	146	756081	49.53 ng		96
15)	C345 Benzyl alcohol	8.35	108	373823	46.32 ng	#	80
16)	C360 bis(2-chloroisopropyl	8.70	45	1277187	50.03 ng		50
17)	C355 2-Methylphenol	8.70	108	550441	45.51 ng		91
18)	E145 Acetophenone	8.90	105	777862	45.59 ng		90
19)	C375 Hexachloroethane	9.02	117	342319	64.42 ng		91
20)	C370 N-Nitroso-di-n-propyl	9.02	70	518847	49.32 ng		83
21)	C365 4-Methylphenol	9.05	108	622720	48.11 ng		94
24)	C410 Nitrobenzene	9.27	77	721513	54.87 ng		92
25)	C415 Isophorone	9.83	82	1356009	55.08 ng		91
26)	C430 benzoic acid	10.63	122	197765	30.88 ng		94
27)	C420 2-Nitrophenol	10.00	139	340429	51.20 ng		91
28)	C425 2,4-Dimethylphenol	10.23	107	486607	47.95 ng		91
29)	C435 bis(2-Chloroethoxy)me	10.42	93	855308	53.64 ng		97
30)	C440 2,4-Dichlorophenol	10.57	162	521738	50.57 ng		95
31)	C445 1,2,4-Trichlorobenzen	10.72	180	617576	53.83 ng		94
32)	C450 Naphthalene	10.83	128	1847088	53.80 ng		100
33)	C455 4-Chloroaniline	11.08	127	712292	49.35 ng		99
34)	C460 Hexachlorobutadiene	11.32	225	338170	56.66 ng		96
35)	E655 Caprolactam	11.95	113	91295	34.98 ng		88
36)	C465 4-Chloro-3-methylphen	12.35	107	533931	53.56 ng		86
37)	C470 2-Methylnaphthalene	12.45	142	1179181	52.90 ng		96
39)	C510 Hexachlorocyclopentad	13.02	237	291438	42.74 ng		96
40)	C515 2,4,6-Trichlorophenol	13.23	196	371678	49.06 ng		93
41)	C520 2,4,5-Trichlorophenol	13.33	196	391149	46.91 ng		93
43)	C525 2-Chloronaphthalene	13.57	162	1112035	49.90 ng		97
44)	C811 1,1'-Biphenyl	13.60	154	1354128	50.06 ng	#	97
45)	C530 2-Nitroaniline	13.97	65	357128	50.50 ng	#	79
46)	C540 Acenaphthylene	14.55	152	1708331	49.18 ng		99
47)	C535 Dimethylphthalate	14.55	163	1304165	52.36 ng		98
48)	C542 2,6-Dinitrotoluene	14.65	165	292905	49.51 ng		82
49)	C550 Acenaphthene	14.98	153	1048733	50.67 ng		93
50)	C545 3-Nitroaniline	13.97	138	384908	47.66 ng	#	45
51)	C555 2,4-Dinitrophenol	15.17	184	144991	35.15 ng	#	52
52)	C565 Dibenzofuran	15.33	168	1594037	50.70 ng		93
53)	C570 2,4-Dinitrotoluene	15.48	165	416783	51.78 ng		80
54)	C560 4-Nitrophenol	15.47	109	136623	48.02 ng		97
55)	C590 Fluorene	16.02	166	1214057	51.44 ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61751.D Vial: 2
Acq On : 27 Jul 2004 11:18 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 27 11:55 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 19 07:09:07 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

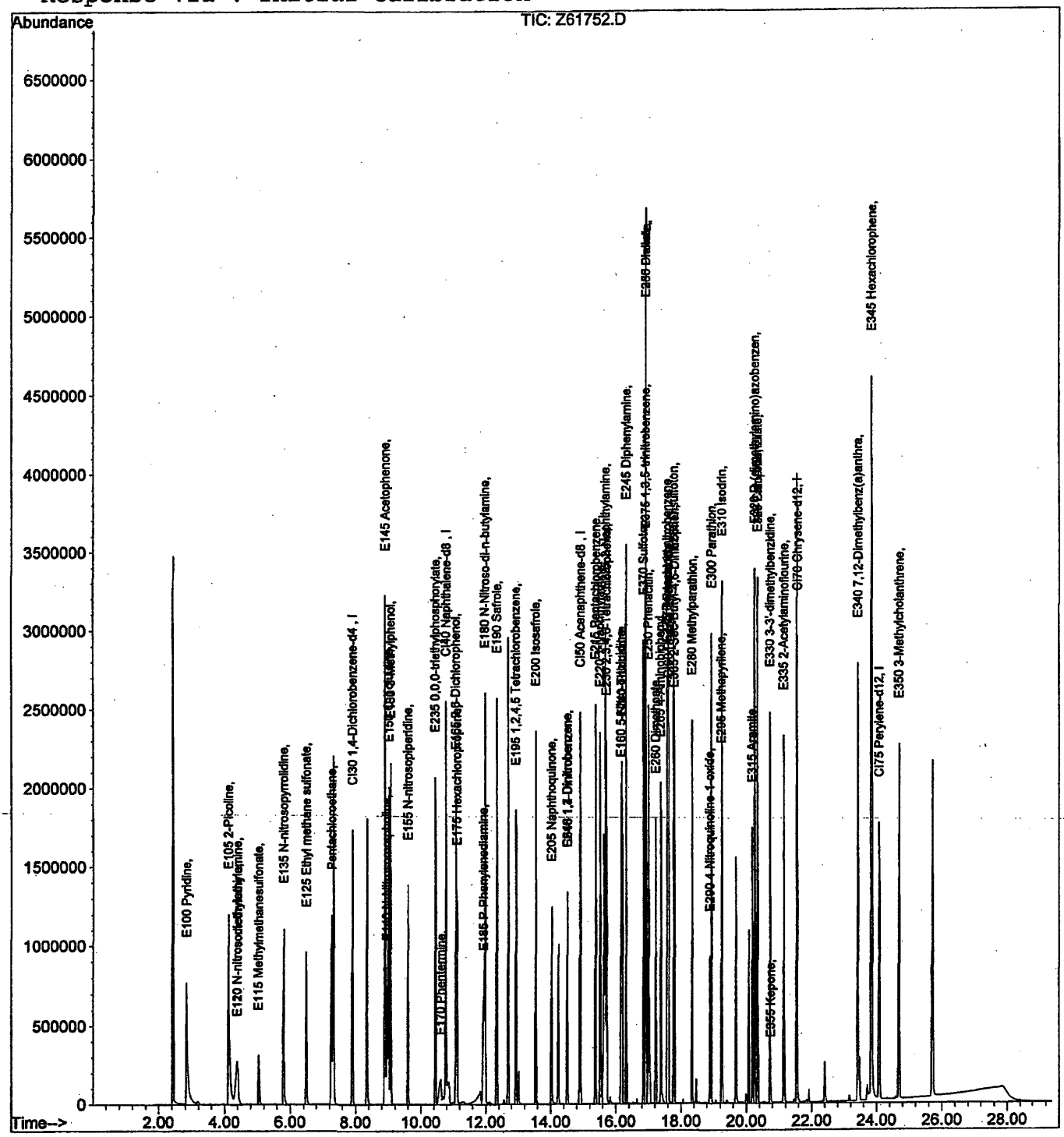
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
56)	C585 4-Chlorophenyl-phenyl	16.07	204	667428	51.82	ng		98
57)	C580 Diethylphthalate	16.05	149	1353138	56.46	ng		95
58)	C620 1,2 diphenylhydrazine	16.37	77	1663361	53.10	ng		88
59)	C595 4-Nitroaniline	16.20	138	322012	45.43	ng		80
61)	C610 4,6-Dinitro-2-methylp	16.27	198	250849	47.96	ng		100
62)	C615 n-Nitrosodiphenylamin	16.32	169	895827	48.11	ng		97
64)	C625 4-Bromophenyl-phenyle	16.93	248	408297	57.44	ng	#	80
65)	C630 Hexachlorobenzene	17.13	284	478912	58.16	ng		92
66)	E510 Atrazine	17.35	200	257486	63.77	ng		96
67)	C635 Pentachlorophenol	17.47	266	234988	44.37	ng		99
68)	C640 Phenanthrene	17.65	178	1689781	53.69	ng		98
69)	C645 Anthracene	17.73	178	1836736	54.87	ng		98
70)	C647 carbazole	18.03	167	1653110	54.54	ng		99
71)	C650 Di-n-butylphthalate	18.70	149	2121338	54.87	ng		99
72)	C655 Fluoranthene	19.45	202	1768992	53.90	ng		98
74)	C715 Pyrene	19.77	202	1925423	55.18	ng		95
75)	C710 benzidine	19.68	184	132789	19.73	ng		96
77)	C720 Butylbenzylphthalate	20.80	149	908594	48.90	ng		89
78)	C725 3,3'-Dichlorobenzidin	21.55	252	641567	59.17	ng		98
79)	C730 Benzo[a]anthracene	21.53	228	1717122	53.11	ng		96
80)	C735 Chrysene	21.60	228	1814918	52.74	ng		97
81)	C740 bis(2-Ethylhexyl)phth	21.77	149	1341065	52.06	ng		96
83)	C760 Di-n-octylphthalate	22.83	149	2141006	56.19	ng		100
84)	C765 Benzo[b]fluoranthene	23.40	252	1744741	50.23	ng		98
85)	C770 Benzo[k]fluoranthene	23.45	252	1661014	57.22	ng		98
86)	C775 Benzo[a]pyrene	23.97	252	1579064	51.43	ng		99
87)	C780 Indeno[1,2,3-cd]pyren	26.03	276	1981863	49.59	ng		97
88)	C785 Dibenz[a,h]anthracene	26.07	278	1826430	52.80	ng		99
89)	C790 Benzo[g,h,i]perylene	26.48	276	1715024	49.15	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61752.D Vial: 2
Acq On : 27 Jul 2004 11:58 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : APIX Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 27 12:42 2004 Quant Results File: CLPAPIX.RES

Method : D:\ELINK\INSTR1\QUANT\CLPAPIX.M (RTE Integrator)
Title : CLP APENDIX IX 2ul inj.
Last Update : Tue Jul 27 09:10:52 2004
Response via : Initial Calibration



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61752.D Vial: 2
Acq On : 27 Jul 2004 11:58 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : APIX Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 27 12:42 2004 Quant Results File: CLPAPIX.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLPAPIX.M (RTE Integrator)
Title : CLP APENDIX IX 2ul inj.
Last Update : Tue Jul 27 09:10:52 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072604\Z61731.D (26 Jul 2004 10:58)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	513702	40.00 ng	-0.02 124.74%
19) CI40 Naphthalene-d8	10.78	136	1937369	40.00 ng	-0.02 120.49%
29) CI50 Acenaphthene-d8	14.92	164	1087672	40.00 ng	-0.02 120.86%
45) CI60 Phenanthrene-d10	17.63	188	1811704	40.00 ng	0.00 122.24%
61) CI70 Chrysene-d12	21.57	240	1827174	40.00 ng	-0.02 129.01%
64) CI75 Perylene-d12	24.08	264	1558186	40.00 ng	-0.02 139.35%

System Monitoring Compounds

Target Compounds					Qvalue #
2) C268 1,4-Dioxane	0.00	88		No Calib	
3) E100 Pyridine	2.83	79	807015	50.01 ng	96
4) E105 2-Picoline	4.12	93	922808	51.75 ng	95
5) E110 N-nitrosomethylethyla	4.38	88	411891	44.59 ng	100
6) E120 N-nitrosodiethylamine	4.38	88	411891	44.59 ng	100
7) E115 Methylmethanesulfonat	5.03	80	264408	50.40 ng	96
8) E135 N-nitrosopyrrolidine	5.80	102	414834	46.41 ng	97
9) E125 Ethyl methane sulfona	6.48	79	740466	48.20 ng	100
10) Pentachloroethane	7.27	167	321927	51.19 ng	93
11) E145 Acetophenone	8.90	105	1116176	47.64 ng	95
12) E150 O-Toluidine	9.02	106	1286166	49.67 ng	99
13) E140 N-Nitrosomorpholine	8.95	56	574881	47.45 ng	97
14) E130 3-Methylphenol	9.07	108	944139	48.66 ng	97
15) E155 N-nitrosopiperidine	9.60	42	695562	46.50 ng	97
16) E235 0,0,0-triethylphospho	10.45	198	414259	49.54 ng	94
17) E170 Phentermine	10.62	58	2297246m	42.83 ng	99
18) E185 P-Phenylenediamine	11.93	108	801122	59.80 ng	97
20) E175 Hexachloropropene	11.12	213	465216	54.38 ng	98
21) E165 2,6-Dichlorophenol	11.08	162	692017	50.19 ng	95
22) E180 N-Nitroso-di-n-butyla	11.98	84	607188	48.68 ng	95
23) E190 Safrole	12.35	162	665439	49.27 ng	94
24) E195 1,2,4,5 Tetrachlorobe	12.93	216	779650	53.78 ng	100

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61752.D Vial: 2
Acq On : 27 Jul 2004 11:58 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : APIX Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 27 12:42 2004 Quant Results File: CLPAPIX.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLPAPIX.M (RTE Integrator)
Title : CLP APENDIX IX 2ul inj.
Last Update : Tue Jul 27 09:10:52 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
25)	E200 Isosafrole	13.55	162	685134	49.17 ng		97
26)	E205 Naphthoquinone	14.03	158	428481	70.71 ng		82
27)	E210 1,3-Dinitrobenzene	14.52	168	334410	54.62 ng		94
28)	C648 1,4-Dinitrobenzene	14.52	168	334410	47.71 ng	#	82
30)	E215 Pentachlorobenzene	15.38	250	739269	55.85 ng		93
31)	E220 1-Naphthylamine	15.52	143	1460540	51.17 ng		100
32)	E230 2,3,4,6-Tetrachloroph	15.72	232	447025	52.50 ng		100
33)	E225 2-Naphthylamine	15.68	143	1614116	55.16 ng		99
34)	E240 Thionazine	16.18	97	435976	57.15 ng		89
35)	E245 Diphenylamine	16.32	169	1363854	52.10 ng		99
36)	E370 Sulfotep	16.85	322	358344	54.77 ng		82
37)	E375 1,3,5-trinitrobenzene	16.92	213	244150	61.64 ng		97
38)	E255 Diallate	16.93	43	999599	53.44 ng		62
39)	E380 Phorate	16.93	75	1624032	53.45 ng		87
40)	E160 5-Nitro-o-toluidine	16.17	152	544229	53.61 ng		93
41)	E250 Phenacitin	17.02	108	811612	52.19 ng		91
42)	E260 Dimethoate	17.23	87	621664	65.91 ng		97
43)	E275 Pentachloronitrobenze	17.58	237	209128	53.92 ng	#	73
44)	E265 4-Aminobiphenyl	17.38	169	1597377	53.50 ng		100
46)	E270 Pronamide	17.60	173	672938	48.25 ng		96
47)	E365 2-Sec-Butyl-4,6-Dinit	17.80	211	430964	44.08 ng		94
48)	E285 Disulfoton	17.78	88	1023023	49.40 ng		96
49)	E280 Methylparathion	18.35	109	540713	71.47 ng	#	86
50)	E300 Parathion	18.95	97	443715	58.09 ng		93
51)	E290 4-Nitroquinoline-1-ox	18.90	190	123040	89.36 ng	#	76
52)	E295 Methapyrilene	19.25	58	635027	64.37 ng		100
53)	E310 Isodrin	19.27	193	314533	53.47 ng		98
54)	E315 Aramite	20.18	185	242003	64.25 ng		89
55)	E320 P-(dimethylamino)azob	20.27	120	744202	76.50 ng		83
56)	E325 Chlorobenzilate	20.35	139	829413	48.27 ng		89
57)	E330 3-3'-dimethylbenzidin	20.73	212	1196536	62.76 ng		97
58)	~~E360 Famphur~~	~~20.35~~	~~218~~	~~4063m~~	~~2.36 ng~~	~~#~~	~~89~~
59)	E355 Kepone	20.75	272	18467	38.89 ng	NA	87
60)	E335 2-Acetylaminoflourine	21.15	181	914756	44.41 ng		94
62)	E340 7,12-Dimethylbenz(a)a	23.43	256	1086465	46.42 ng		100
63)	E345 Hexachlorophene	23.85	196	986140	398.68 ng		95
65)	E350 3-Methylcholanthrene	24.70	252	427128	49.14 ng		100

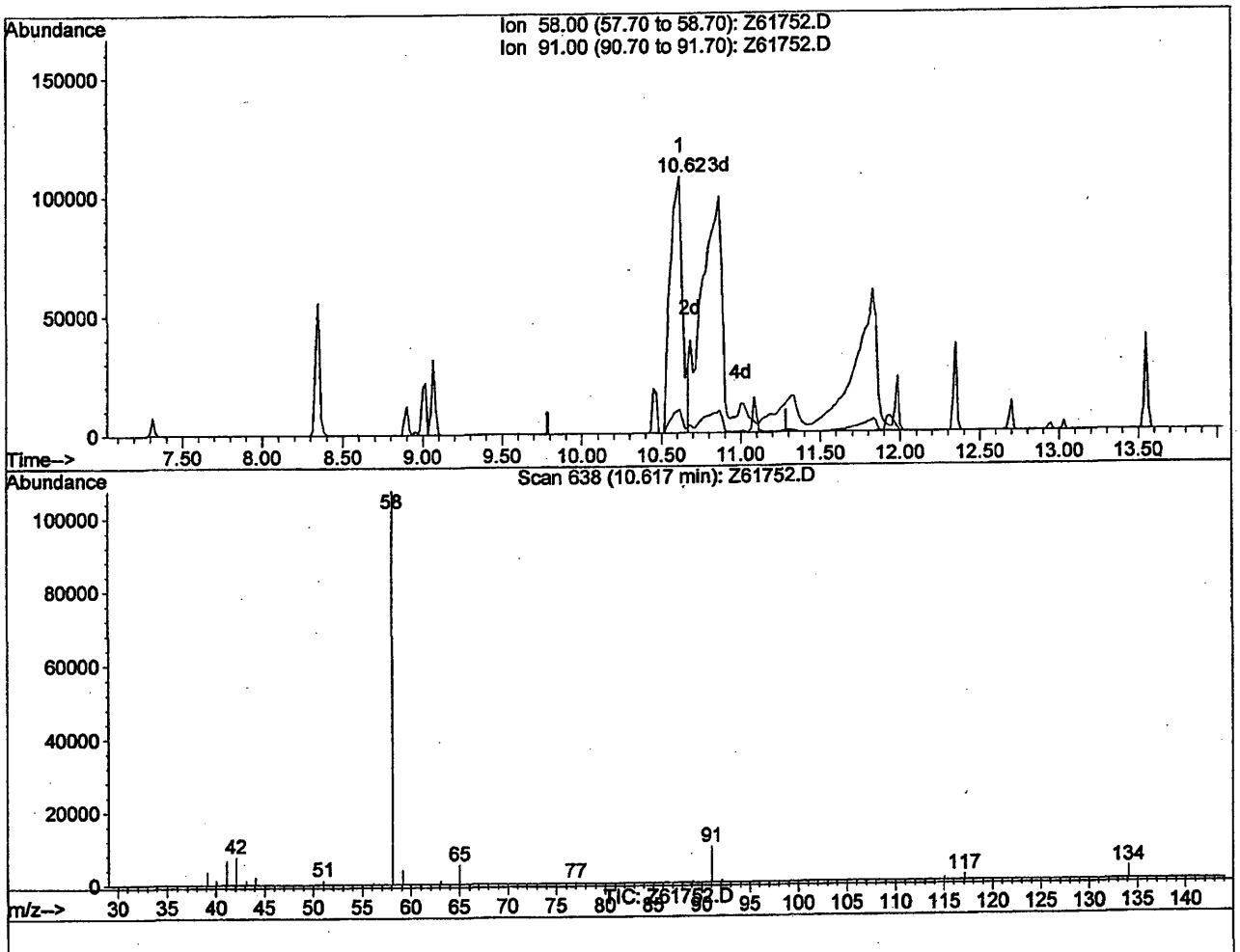
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61752.D
Acq On : 27 Jul 2004 11:58
Sample : SSTD050
Misc : APIX
MSAnntEgmatiOnlPaTam3:32t2004.p

Vial: 2
Operator: PM
Inst : I50Z-A
Multiplr: 1.00
Quant Results File: temp.res

Method : D:\ELINK\INSTR1\QUANT\CLPAPIX.M (RTE Integrator)
Title : CLP APENDIX IX 2ul inj.
Last Update : Tue Jul 27 09:09:40 2004
Response via : Multiple Level Calibration



(17) E170 Phentermine

10.62min 11.06ng

response 593368

Ion	Exp%	Act%
58.00	100	100
91.00	9.50	9.08
0.00	0.00	0.00
0.00	0.00	0.00

SPLits
C 7/27/04

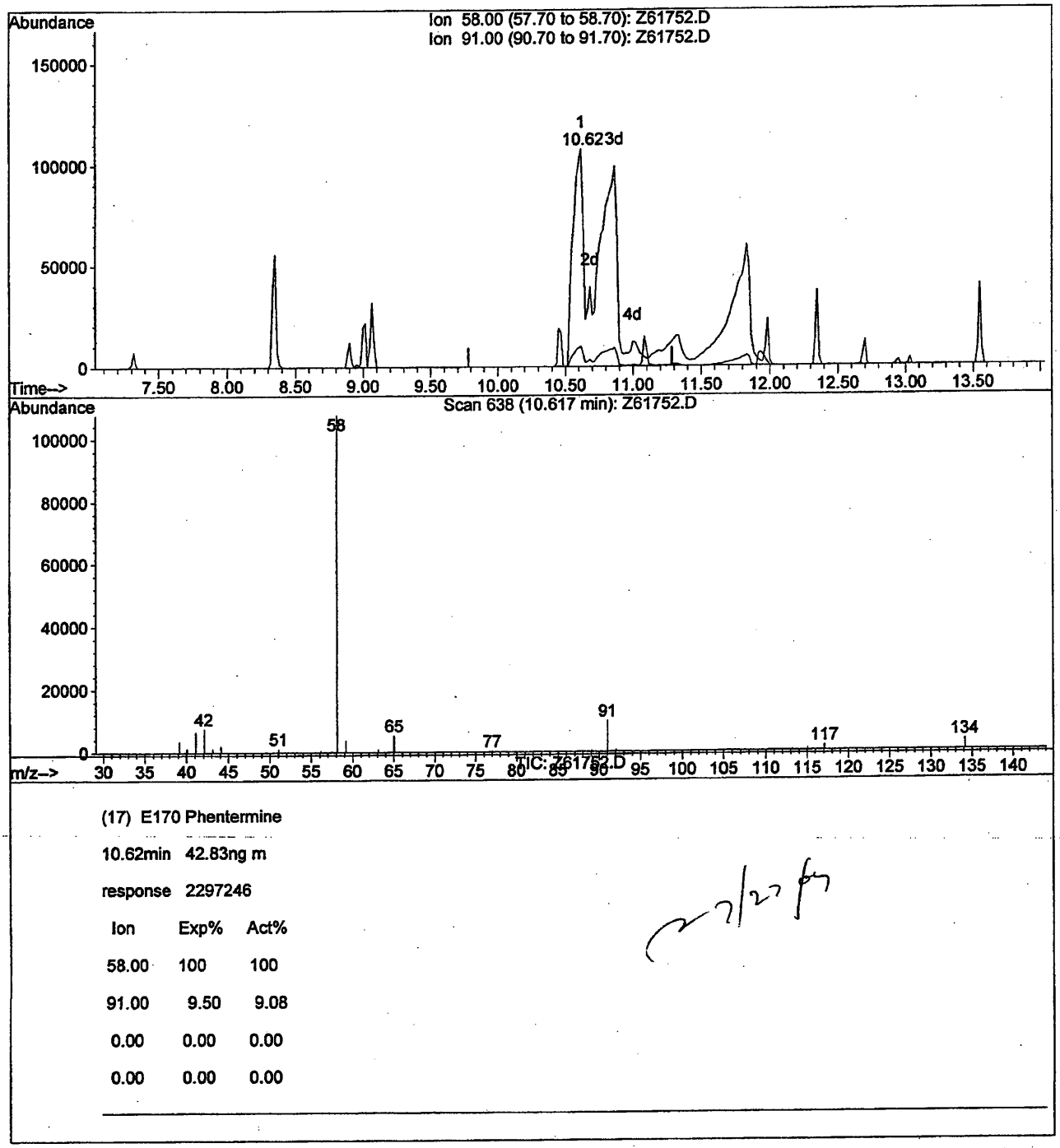
Z61752.D CLPAPIX.M Tue Jul 27 12:41:51 2004 PP

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61752.D
Acq On : 27 Jul 2004 11:58
Sample : SSTD050
Misc : APIX
Quant Integration Params: rte2004.p

Vial: 2
Operator: PM
Inst : I50Z-A
Multiplr: 1.00
Quant Results File: temp.res

Method : D:\ELINK\INSTR1\QUANT\CLPAPIX.M (RTE Integrator)
Title : CLP APENDIX IX 2ul inj.
Last Update : Tue Jul 27 09:09:40 2004
Response via : Multiple Level Calibration



(17) E170 Phentermine

10.62min 42.83ng m

response 2297246

Ion	Exp%	Act%
58.00	100	100
91.00	9.50	9.08
0.00	0.00	0.00
0.00	0.00	0.00

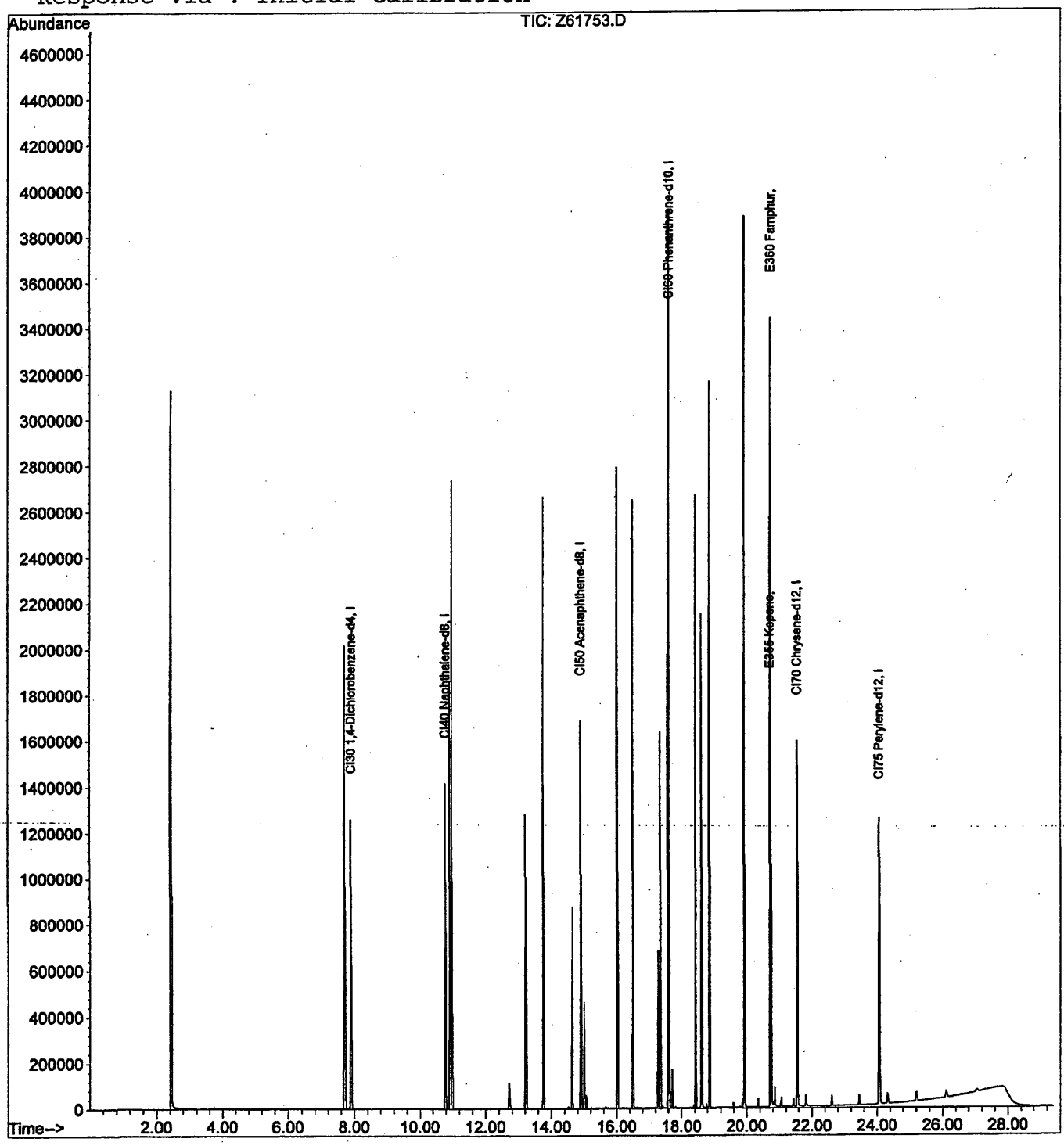
7/27 fm

Z61752.D CLPAPIX.M Tue Jul 27 12:42:00 2004 PP

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61753.D Vial: 2
Acq On : 27 Jul 2004 12:32 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : ADD#1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 7:21 2004 Quant Results File: CLPADD#1.RES

Method : D:\ELINK\INSTR1\QUANT\CLPADD#1.M (RTE Integrator)
Title : CLP ADD#1
Last Update : Tue Jul 27 08:30:17 2004
Response via : Initial Calibration



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61753.D Vial: 2
Acq On : 27 Jul 2004 12:32 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : ADD#1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 7:21 2004 Quant Results File: CLPADD#1.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLPADD#1.M (RTE Integrator)
Title : CLP ADD#1
Last Update : Wed Jul 28 07:21:28 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	368302	40.00	ng	-0.28 NA%
2) CI40 Naphthalene-d8	10.78	136	1252009	40.00	ng	-0.30 NA%
3) CI50 Acenaphthene-d8	14.90	164	736430	40.00	ng	-0.32 NA%
4) CI60 Phenanthrene-d10	17.62	188	1359281	40.00	ng	-0.27 NA%
7) CI70 Chrysene-d12	21.55	240	1305162	40.00	ng	-0.33 NA%
8) CI75 Perylene-d12	24.07	264	1135479	40.00	ng	-0.42 NA%
System Monitoring Compounds						
Target Compounds						Qvalue
5) E360 Famphur	20.73	218	1194247	93.40	ng	# 83
6) E355 Kepone	20.72	272	390636	95.33	ng	98

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

SEMIVOLATILE 3/90 AND ASP '91
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A4C0002930-1

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

Lab File Id: Z61773.RR Calibration Date: 07/28/2004 Time: 09:17

Intrument ID: I50Z-A Init. Calib. Date(s): 06/08/2004 06/08/2004

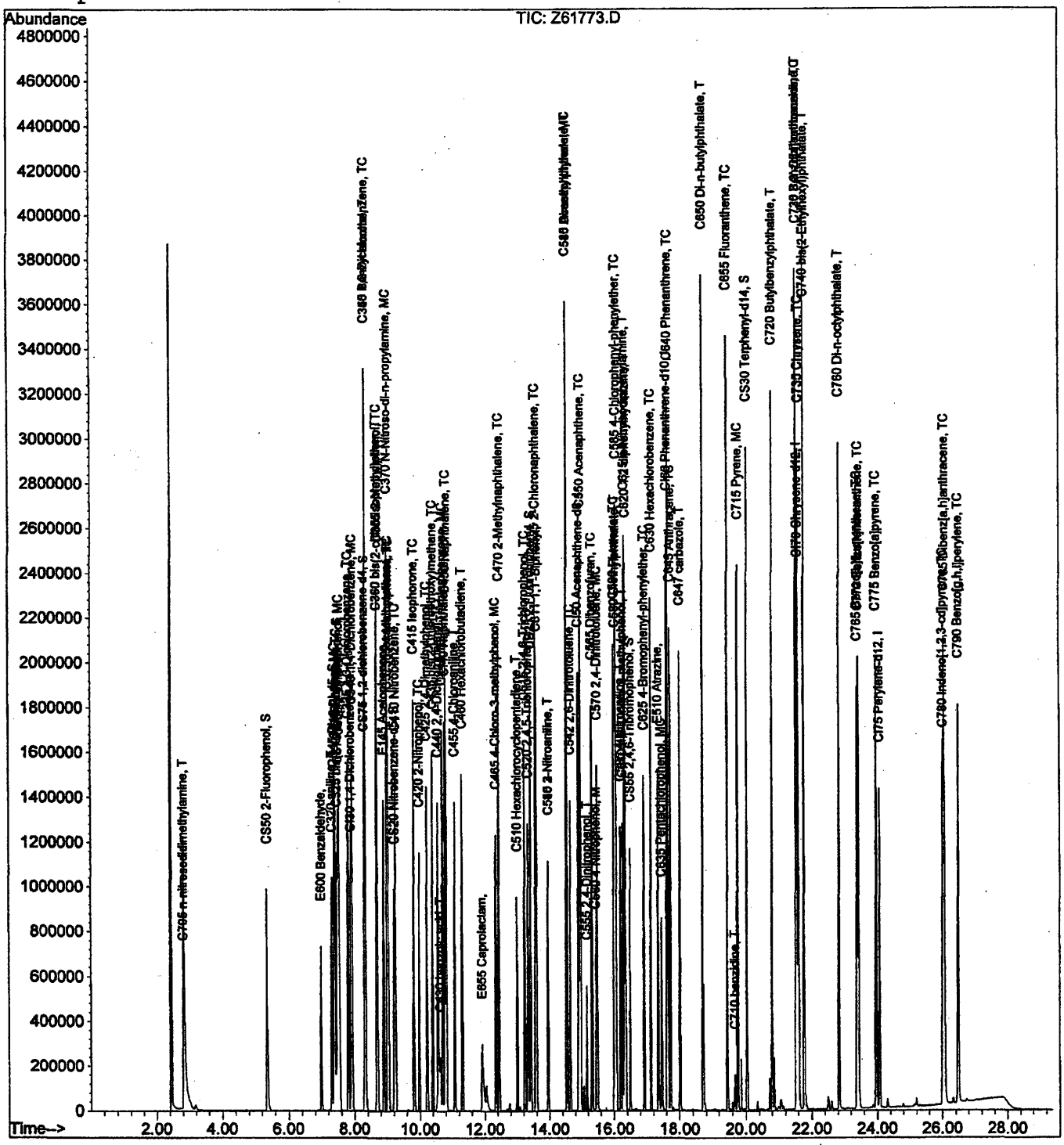
Init. Calib. Times: 13:00 15:18

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	1.7580	1.7107	0.8000	2.700	25.00
4-Methylphenol	1.1820	1.1452	0.6000	3.100	25.00
Naphthalene	0.9530	0.9927	0.7000	-4.200	25.00
Nitrobenzene-D5	0.3500	0.3601	0.2000	-2.900	25.00
2-Fluorobiphenyl	1.1300	1.1662	0.7000	-3.200	25.00
p-Terphenyl-d14	0.6980	0.7202	0.5000	-3.200	25.00
Phenol-D5	1.5770	1.5153	0.8000	3.900	25.00
2-Fluorophenol	1.2320	1.2222	0.6000	0.800	25.00
2,4,6-Tribromophenol	0.1210	0.1224	0.0100	-1.200	100.00
2-Chlorophenol-d4	1.3520	1.3159	0.8000	2.700	25.00
1,2-Dichlorobenzene-d4	0.8290	0.8237	0.4000	0.600	25.00

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61773.D Vial: 2
Acq On : 28 Jul 2004 09:17 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 9:51 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Initial Calibration



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61773.D Vial: 2
Acq On : 28 Jul 2004 09:17 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 9:51 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 19 07:09:07 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072704\Z61751.D (27 Jul 2004 11:18)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) / Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.88	152	421372	40.00	ng	-0.02 / 96.21%
22) CI40 Naphthalene-d8	10.78	136	1462297	40.00	ng	0.00 / 101.48%
38) CI50 Acenaphthene-d8	14.90	164	832876	40.00	ng	-0.02 / 96.02%
60) CI60 Phenanthrene-d10	17.62	188	1424219	40.00	ng	0.00 / 104.82%
73) CI70 Chrysene-d12	21.57	240	1404848	40.00	ng	0.00 / 98.72%
82) CI75 Perylene-d12	24.07	264	1231936	40.00	ng	-0.02 / 101.14%
System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	643731	49.58	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 33.05%			
6) CS45 Phenol-d5	7.38	99	798155	48.04	ng	-0.02
Spiked Amount 150.000	Range 10 - 110		Recovery = 32.03%			
7) CS70 2-chlorophenol-d4	7.50	132	693103	48.65	ng	-0.02
Spiked Amount 150.000	Range 33 - 110		Recovery = 32.43%#			
13) CS75 1,2-dichlorobenzene-d	8.30	152	433863	49.69	ng	-0.02
Spiked Amount 100.000	Range 16 - 110		Recovery = 49.69%			
23) CS20 Nitrobenzene-d5	9.22	82	658165	51.39	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 51.39%			
42) CS25 2-Fluorobiphenyl	13.42	172	1214100	51.61	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 51.61%			
63) CS55 2,4,6-Tribromophenol	16.50	330	217925	50.61	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 33.74%			
76) CS30 Terphenyl-d14	20.03	244	1264769	51.56	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery = 51.56%			
Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.80	74	508841	56.87	ng	88
4) E600 Benzaldehyde	6.98	77	309974	48.60	ng	# 87
5) C325 bis(2-Chloroethyl)eth	7.47	93	782710	51.30	ng	# 75
8) C315 Phenol	7.42	94	901046	48.66	ng	87
9) C330 2-Chlorophenol	7.53	128	690760	48.81	ng	86
10) C320 aniline	7.32	93	771653	50.20	ng	92

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61773.D Vial: 2
Acq On : 28 Jul 2004 09:17 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 9:51 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 19 07:09:07 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	7.80	146	784626	50.85	ng		98
12)	C340 1,4-Dichlorobenzene	7.93	146	801655	51.14	ng		98
14)	C350 1,2-Dichlorobenzene	8.33	146	742550	50.56	ng		96
15)	C345 Benzyl alcohol	8.33	108	376493	48.49	ng	#	79
16)	C360 bis(2-chloroisopropyl	8.68	45	1271493	51.77	ng		78
17)	C355 2-Methylphenol	8.70	108	561127	48.22	ng		92
18)	E145 Acetophenone	8.90	105	775586	47.25	ng		91
19)	C375 Hexachloroethane	9.02	117	332616	65.06	ng		93
20)	C370 N-Nitroso-di-n-propyl	9.00	70	507966	50.19	ng		83
21)	C365 4-Methylphenol	9.03	108	603211	48.43	ng		91
24)	C410 Nitrobenzene	9.25	77	712835	53.43	ng		87
25)	C415 Isophorone	9.82	82	1384363	55.41	ng		91
26)	C430 benzoic acid	10.63	122	242501	37.32	ng		92
27)	C420 2-Nitrophenol	9.98	139	339302	50.29	ng		85
28)	C425 2,4-Dimethylphenol	10.22	107	484899	47.09	ng		92
29)	C435 bis(2-Chloroethoxy)me	10.40	93	836145	51.68	ng		96
30)	C440 2,4-Dichlorophenol	10.57	162	520818	49.75	ng		98
31)	C445 1,2,4-Trichlorobenzen	10.70	180	585795	50.31	ng		93
32)	C450 Naphthalene	10.82	128	1814442	52.08	ng		100
33)	C455 4-Chloroaniline	11.08	127	743294	50.75	ng		99
34)	C460 Hexachlorobutadiene	11.30	225	329890	54.47	ng		96
35)	E655 Caprolactam	11.92	113	141137	53.29	ng		89
36)	C465 4-Chloro-3-methylphen	12.35	107	530931	52.49	ng		95
37)	C470 2-Methylnaphthalene	12.45	142	1194743	52.82	ng		95
39)	C510 Hexachlorocyclopentad	13.00	237	293925	44.89	ng		94
40)	C515 2,4,6-Trichlorophenol	13.23	196	364776	50.14	ng		94
41)	C520 2,4,5-Trichlorophenol	13.33	196	396082	49.47	ng		94
43)	C525 2-Chloronaphthalene	13.57	162	1108781	51.82	ng		98
44)	C811 1,1'-Biphenyl	13.60	154	1343744	51.74	ng	#	96
45)	C530 2-Nitroaniline	13.97	65	371279	54.68	ng		90
46)	C540 Acenaphthylene	14.53	152	1677196	50.29	ng		98
47)	C535 Dimethylphthalate	14.53	163	1272540	53.21	ng		98
48)	C542 2,6-Dinitrotoluene	14.65	165	306670	53.99	ng		88
49)	C550 Acenaphthene	14.97	153	1025057	51.58	ng		95
50)	C545 3-Nitroaniline	13.97	138	396366	51.12	ng	#	49
51)	C555 2,4-Dinitrophenol	15.17	184	162213	40.96	ng	#	61
52)	C565 Dibenzofuran	15.32	168	1578960	52.31	ng		98
53)	C570 2,4-Dinitrotoluene	15.48	165	418315	54.12	ng		85
54)	C560 4-Nitrophenol	15.45	109	136780	50.06	ng	#	81
55)	C590 Fluorene	16.00	166	1194528	52.71	ng		99

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61773.D Vial: 2
Acq On : 28 Jul 2004 09:17 Operator: PM
Sample : SSTD050 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 9:51 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Mon Jul 19 07:09:07 2004
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
56)	C585 4-Chlorophenyl-phenyl	16.07	204	700132	56.61	ng	98
57)	C580 Diethylphthalate	16.03	149	1320837	57.39	ng	93
58)	C620 1,2 diphenylhydrazine	16.35	77	1589065	52.83	ng	85
59)	C595 4-Nitroaniline	16.20	138	349617	51.37	ng	82
61)	C610 4,6-Dinitro-2-methylp	16.27	198	277753	50.66	ng	100
62)	C615 n-Nitrosodiphenylamin	16.32	169	936575	47.99	ng	96
64)	C625 4-Bromophenyl-phenyle	16.92	248	387124	51.96	ng	93
65)	C630 Hexachlorobenzene	17.13	284	487731	56.51	ng	85
66)	E510 Atrazine	17.35	200	257155	60.76	ng	98
67)	C635 Pentachlorophenol	17.45	266	237672	42.82	ng	99
68)	C640 Phenanthrene	17.65	178	1652108	50.08	ng	98
69)	C645 Anthracene	17.72	178	1723505	49.12	ng	97
70)	C647 carbazole	18.02	167	1543706	48.59	ng	99
71)	C650 Di-n-butylphthalate	18.70	149	2342695	57.81	ng	99
72)	C655 Fluoranthene	19.45	202	1883452	54.75	ng	99
74)	C715 Pyrene	19.77	202	1840093	53.42	ng	87
75)	C710 benzidine	19.68	184	126469	19.04	ng	96
77)	C720 Butylbenzylphthalate	20.80	149	957261	52.19	ng	95
78)	C725 3,3'-Dichlorobenzidin	21.53	252	592292	55.33	ng	99
79)	C730 Benzo[a]anthracene	21.53	228	1705169	53.43	ng	96
80)	C735 Chrysene	21.60	228	1746989	51.42	ng	97
81)	C740 bis(2-Ethylhexyl)phth	21.77	149	1408613	55.39	ng	98
83)	C760 Di-n-octylphthalate	22.83	149	2223169	57.69	ng	99
84)	C765 Benzo[b]fluoranthene	23.40	252	1871259	53.27	ng	97
85)	C770 Benzo[k]fluoranthene	23.43	252	1515431	51.62	ng	99
86)	C775 Benzo[a]pyrene	23.97	252	1560338	50.25	ng	99
87)	C780 Indeno[1,2,3-cd]pyren	26.02	276	2022521	50.04	ng	96
88)	C785 Dibenz[a,h]anthracene	26.07	278	1798641	51.41	ng	99
89)	C790 Benzo[g,h,i]perylene	26.48	276	1672760	47.40	ng	100

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

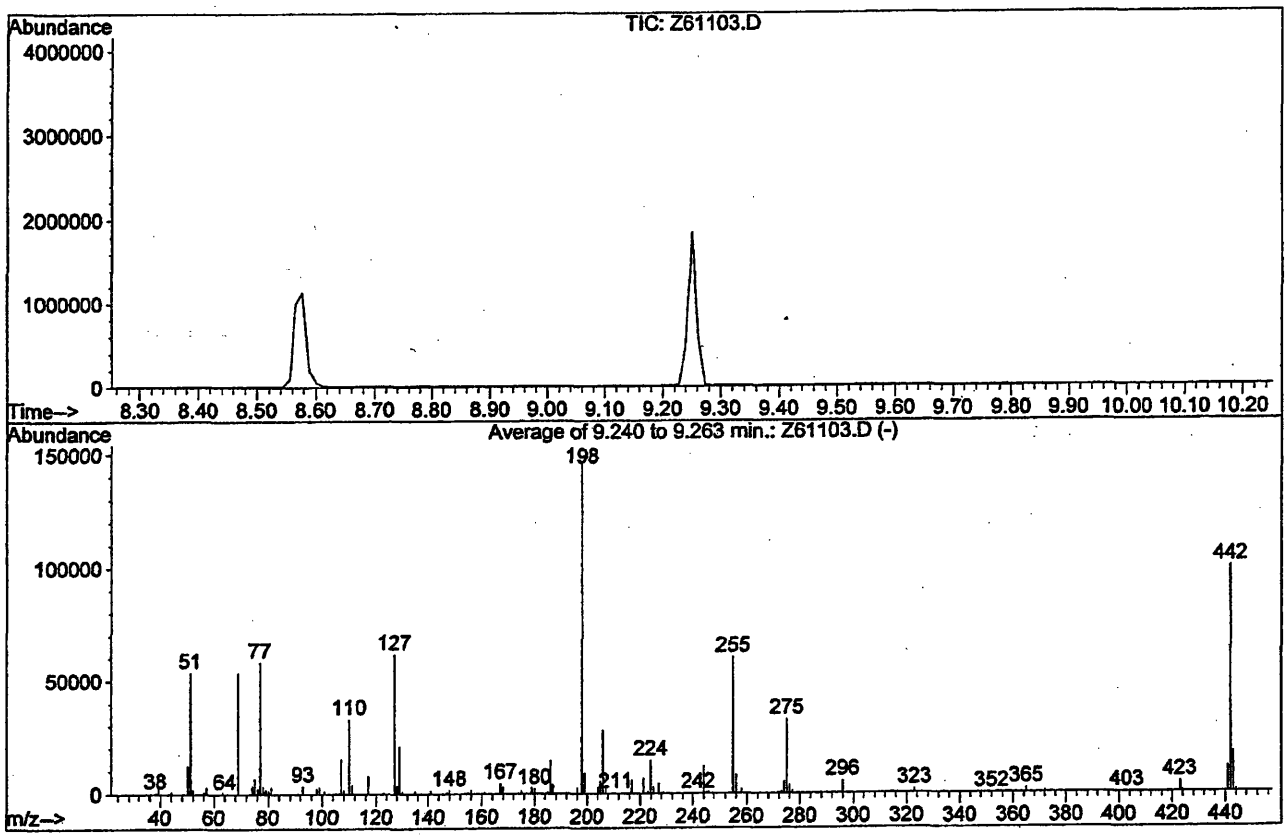
RAW QC DATA

401433
I 1497
I 497
c 2117

DFTPP Tune Evaluation

Data File : D:\ELINK\INSTR1\DATA\060804\Z61103.D
Acq On : 8 Jun 2004 12:33
Sample : DFTPP 50NG
Misc :
MS Integration Params: rteint.p
Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration

Vial: 1
Operator: PM
Inst : I50Z-A
Multiplr: 1.00



Peak Apex is scan: 701 (9.25 min)
Average of 3 scans: 700,701,702 minus background scan 681 (9.02 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	36.7	53872	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	36.7	53875	PASS
70	69	0	2	0.0	0	PASS
127	198	40	60	42.2	61912	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	146699	PASS
199	198	5	9	6.2	9099	PASS
275	198	10	30	22.3	32713	PASS
365	198	1	100	1.4	1994	PASS
441	198	0	100	7.8	11459	PASS
442	198	40	110	68.2	100014	PASS
443	442	17	23	17.7	17703	PASS

Z61103.D CLP.M Tue Jun 08 12:57:01 2004 PP

Average of 9.240 to 9.263 min.: Z61103.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	4152	76.05	2529	108.00	1830	147.95	1759
44.05	1099	77.00	58471	109.95	33128	156.00	1602
50.10	12393	78.10	3356	111.05	3945	167.00	4653
51.05	53872	79.05	1876	116.95	7901	167.95	3173
52.10	2118	80.00	1599	123.00	739	175.00	1297
56.05	914	81.00	2929	127.00	61912	178.95	2785
57.00	3064	92.95	3578	128.05	3877	180.00	2233
63.05	1204	98.00	2283	128.95	21036	185.05	983
68.95	53875	99.00	2944	130.00	1087	186.00	14711
74.10	3635	101.00	1418	135.00	1246	186.95	3890
75.00	7095	106.95	15426	141.00	1463	196.00	2588

Average of 9.240 to 9.263 min.: Z61103.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
197.90	146699	226.95	4499	277.00	1240		
198.95	9099	244.00	12130	296.00	5438		
204.00	2703	245.05	865	323.00	1703		
205.00	5464	245.95	1129	364.95	1994		
206.00	28117	254.95	60272	422.95	4713		
207.00	3467	256.00	8102	423.95	829		
216.90	6017	257.95	1954	440.95	11459		
221.10	6773	273.00	975	441.95	100014		
222.95	894	274.00	5055	442.95	17703		
223.95	14674	275.05	32713	443.95	1157		
225.00	3154	276.00	3704				

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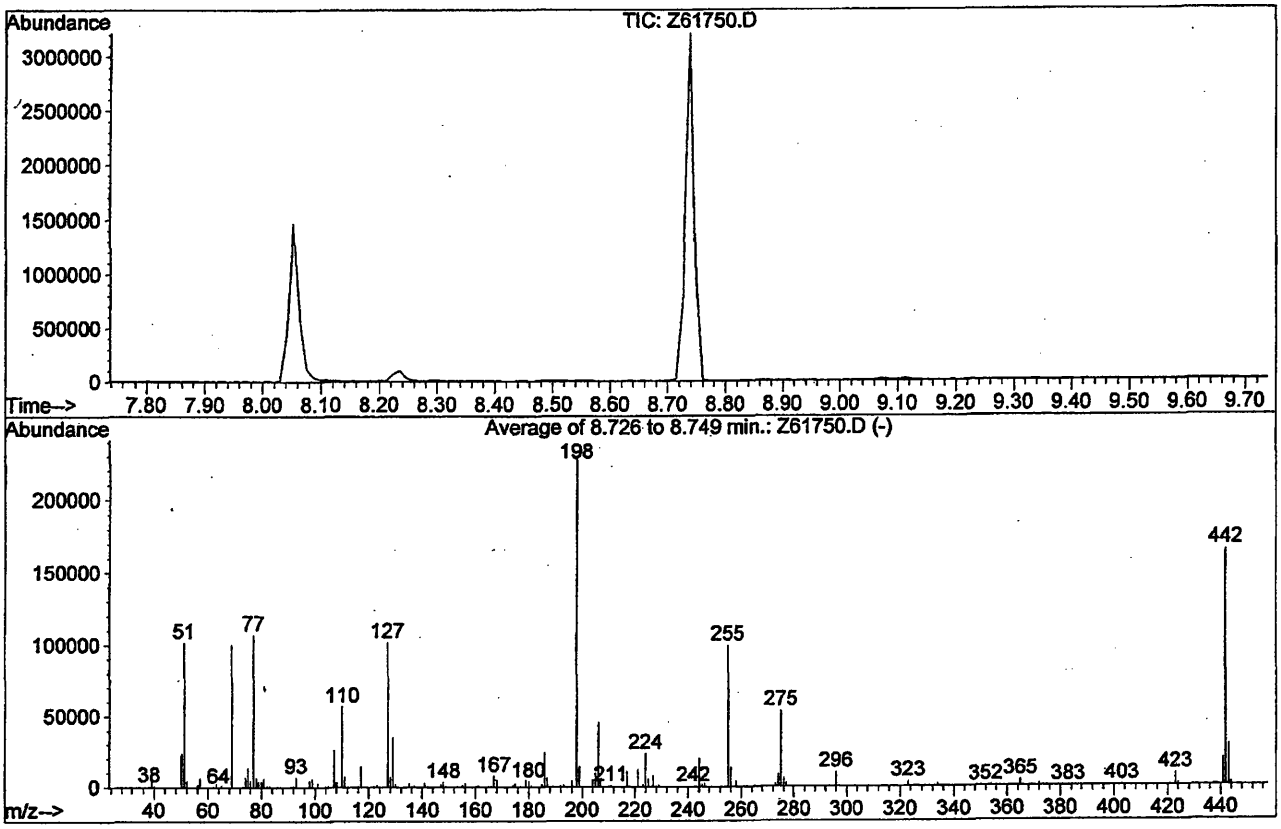
DFTPP Tune Evaluation

Data File : D:\ELINK\INSTR1\DATA\072704\Z61750.D
Acq On : 27 Jul 2004 10:59
Sample : DFTPP 50NG
Misc :
MS Integration Params: rteint.p
Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration

Vial: 1
Operator: PM
Inst : I50Z-A
Multiplr: 1.00



Peak Apex is scan: 656 (8.74 min)
Average of 3 scans: 655,656,657 minus background scan 636 (8.51 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	44.2	101683	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	43.7	100528	PASS
70	69	0	2	0.1	68	PASS
127	198	40	60	44.3	101944	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	229896	PASS
199	198	5	9	6.3	14553	PASS
275	198	10	30	23.2	53370	PASS
365	198	1	100	1.8	4171	PASS
441	198	0	100	8.4	19230	PASS
442	198	40	110	71.6	164710	PASS
443	442	17	23	17.5	28883	PASS

Z61750.D CLP.M Tue Jul 27 11:13:51 2004 PP

Average of 8.726 to 8.749 min.: Z61750.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	8700	76.00	4530	108.00	3669	147.00	1982
50.05	23612	77.00	107040	109.95	56649	147.95	3446
51.00	101683	78.10	6744	111.00	7353	155.00	1483
52.10	4253	79.00	4121	116.95	14421	156.00	2844
56.10	1998	80.00	3537	122.95	1643	161.00	1241
57.00	6341	80.95	5848	126.95	101944	166.95	7818
63.05	2826	92.95	6992	128.05	7025	167.95	5255
65.05	1276	98.00	4398	128.95	35120	175.00	2447
68.90	100528	98.95	5649	130.00	2150	178.95	5135
74.00	6872	101.00	2977	135.00	2752	180.00	4004
75.00	13333	107.00	26180	141.00	3030	180.95	1380

Average of 8.726 to 8.749 min.: Z61750.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
185.00	2014	216.90	10751	256.00	13739	372.00	1664
186.00	24352	221.10	12272	257.95	3957	422.95	8616
186.95	6340	222.95	1734	273.00	2021	423.95	1730
193.00	1545	223.95	23668	274.00	8501	440.95	19230
196.05	4647	225.00	5494	274.95	53370	441.90	164710
197.95	229896	226.95	7860	276.00	6234	442.95	28883
198.95	14553	228.95	1222	276.95	2685	443.95	2263
203.95	5098	244.00	19952	295.95	10116		
205.00	9519	245.05	1936	323.00	3468		
205.95	45397	246.00	2413	334.00	1825		
207.00	6120	254.95	99480	364.95	4171		

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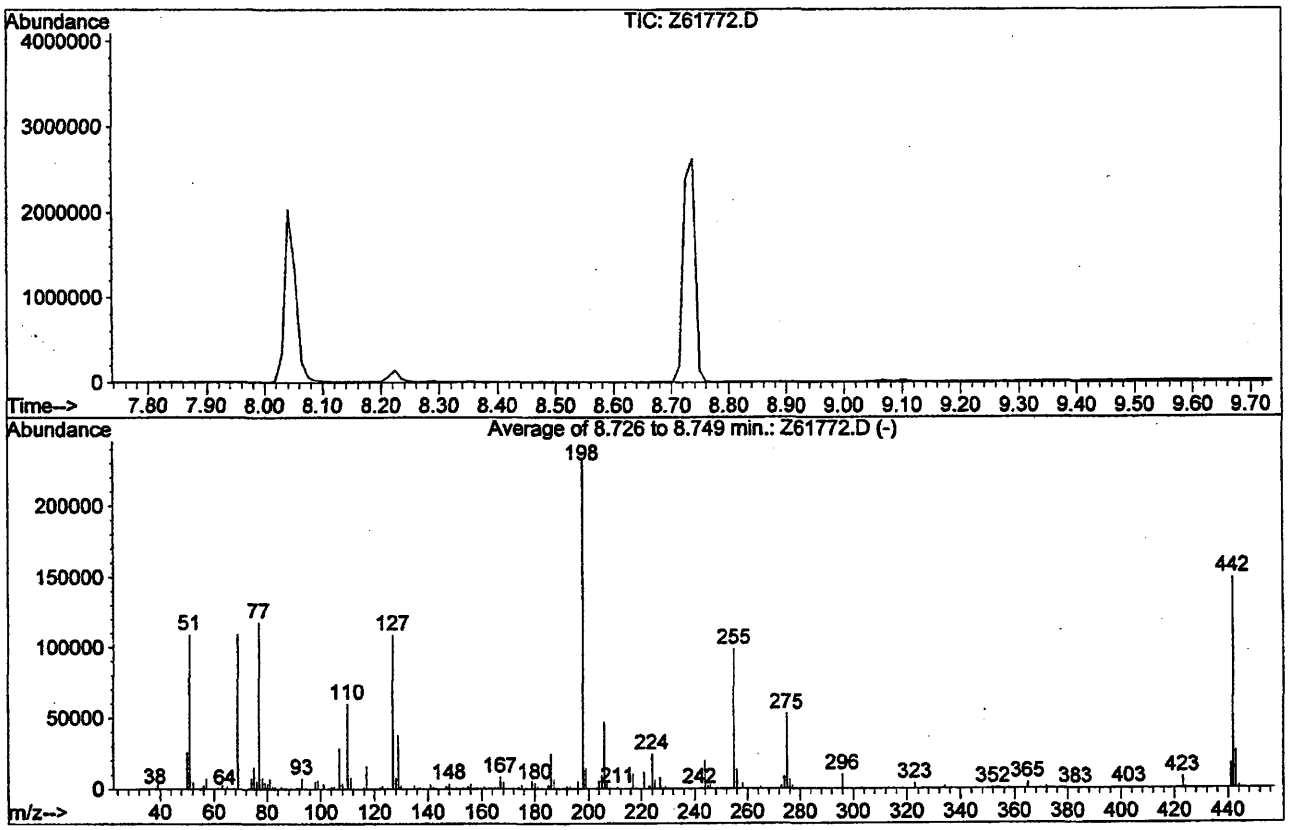
DFTPP Tune Evaluation

Data File : D:\ELINK\INSTR1\DATA\072804\Z61772.D Vial: 1
Acq On : 28 Jul 2004 08:59 Operator: PM
Sample : DFTPP 50NG Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration



Peak Apex is scan: 656 (8.74 min)
Average of 3 scans: 655,656,657 minus background scan 636 (8.51 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
51	198	30	60	46.8	109360	PASS
68	69	0	2	0.0	0	PASS
69	198	0	100	46.9	109659	PASS
70	69	0	2	0.2	225	PASS
127	198	40	60	46.7	109120	PASS
197	198	0	1	0.0	0	PASS
198	198	100	100	100.0	233703	PASS
199	198	5	9	6.3	14814	PASS
275	198	10	30	22.7	52986	PASS
365	198	1	100	1.8	4222	PASS
441	198	0	100	7.4	17396	PASS
442	198	40	110	63.9	149317	PASS
443	442	17	23	17.9	26654	PASS

Z61772.D CLP.M Wed Jul 28 09:13:03 2004 PP

Average of 8.726 to 8.749 min.: Z61772.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.05	9580	76.00	5447	98.95	5957	128.05	7466
50.05	25630	77.00	118155	101.00	3765	128.95	37763
51.00	109360	78.10	7546	104.00	1260	130.00	2479
52.10	4929	79.05	4433	105.00	1471	135.00	2566
56.05	2389	80.00	3827	106.95	28799	140.95	3146
57.00	7403	81.00	6707	108.00	4022	147.00	1921
63.00	3081	82.05	1475	110.00	60156	147.95	3763
65.05	1622	83.00	1496	111.05	8031	155.00	1857
68.90	109659	85.05	1467	116.95	15800	156.00	3391
74.05	7575	92.95	7408	123.00	1858	161.00	1703
75.00	14858	98.00	4928	126.95	109120	166.95	8358

Average of 8.726 to 8.749 min.: Z61772.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
167.95	4685	196.00	4866	224.00	24587	272.95	2427
174.00	1329	197.90	233703	225.00	5995	274.00	8650
175.00	2890	198.95	14814	227.00	7944	275.00	52986
178.95	5498	203.95	5336	228.95	1518	276.00	6318
180.00	4003	205.00	9746	244.00	19853	276.95	2900
180.95	1620	206.00	47050	245.05	2133	296.00	10066
185.00	2535	207.00	5660	245.95	2821	323.00	3770
186.00	24324	210.95	1276	254.95	98989	334.05	1844
186.95	6742	216.90	10903	256.00	13681	365.00	4222
192.00	1399	221.05	11843	258.00	4187	372.00	1722
193.00	1731	222.95	2291	265.00	1306	423.00	8122

Average of 8.726 to 8.749 min.: Z61772.D
DFTPP 50NG
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
424.00	1326						
441.05	17396						
442.00	149317						
442.95	26654						
444.00	2068						

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

S Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4B1345902

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z61766.RR

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

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

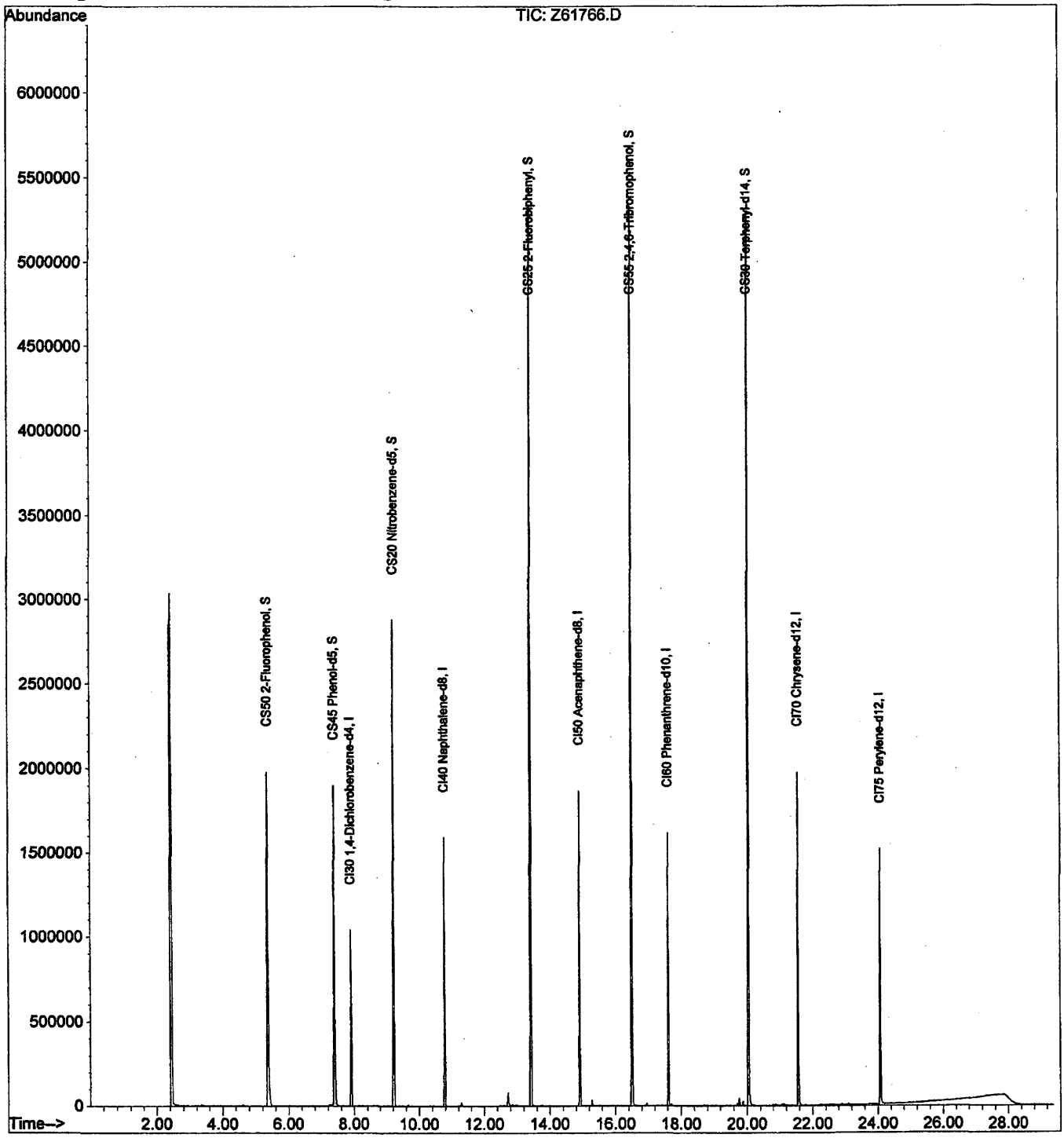
GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5	U
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61766.D Vial: 15
Acq On : 27 Jul 2004 19:58 Operator: PM
Sample : SBLK97 AW40017680 Inst : I50Z-A
Misc : 04-6989 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:07 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072704\Z61751.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61766.D Vial: 15
Acq On : 27 Jul 2004 19:58 Operator: PM
Sample : SBLK97 AW40017680 Inst : I50Z-A
Misc : 04-6989 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:07 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072704\Z61751.D (27 Jul 2004 11:18)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	333963	40.00	ng	0.00 76.25%
22) CI40 Naphthalene-d8	10.78	136	1221462	40.00	ng	0.00 84.76%
38) CI50 Acenaphthene-d8	14.92	164	718526	40.00	ng	0.00 82.84%
60) CI60 Phenanthrene-d10	17.62	188	1087352	40.00	ng	0.00 80.03%
73) CI70 Chrysene-d12	21.57	240	1115075	40.00	ng	0.00 78.36%
82) CI75 Perylene-d12	24.08	264	1088298	40.00	ng	0.00 89.35%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.37	112	1229870	125.01	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 83.34%			
6) CS45 Phenol-d5	7.40	99	1119851	91.34	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 60.89%			
7) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.00%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.23	82	1715501	149.35	ng	0.02
Spiked Amount 100.000	Range 34 - 114		Recovery = 149.35%#			
42) CS25 2-Fluorobiphenyl	13.43	172	3101101	156.73	ng	0.02
Spiked Amount 100.000	Range 43 - 116		Recovery = 156.73%#			
63) CS55 2,4,6-Tribromophenol	16.52	330	1044334	291.48	ng	0.02
Spiked Amount 150.000	Range 10 - 123		Recovery = 194.32%#			
76) CS30 Terphenyl-d14	20.05	244	3572674	187.84	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 187.84%#			

Target Compounds			Qvalue
2) C705 n-nitrosodidimethylam	0.00	74	N.D.
4) E600 Benzaldehyde	0.00	77	N.D.
5) C325 bis(2-Chloroethyl)eth	0.00	93	N.D.
8) C315 Phenol	0.00	94	N.D.
9) C330 2-Chlorophenol	0.00	128	N.D.
10) C320 aniline	0.00	93	N.D.

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61766.D Vial: 15
Acq On : 27 Jul 2004 19:58 Operator: PM
Sample : SBLK97 AW40017680 Inst : I50Z-A
Misc : 04-6989 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:07 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.	
12)	C340 1,4-Dichlorobenzene	0.00	146		N.D.	
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.	
15)	C345 Benzyl alcohol	0.00	108		N.D.	
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.	
17)	C355 2-Methylphenol	0.00	108		N.D.	
18)	E145 Acetophenone	0.00	105		N.D.	
19)	C375 Hexachloroethane	0.00	117		N.D.	
20)	C370 N-Nitroso-di-n-propyl	0.00	70		N.D.	
21)	C365 4-Methylphenol	0.00	108		N.D.	
24)	C410 Nitrobenzene	0.00	77		N.D.	
25)	C415 Isophorone	0.00	82		N.D.	
26)	C430 benzoic acid	0.00	122		N.D.	
27)	C420 2-Nitrophenol	0.00	139		N.D.	
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.	
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.	
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.	
31)	C445 1,2,4-Trichlorobenzen	0.00	180		N.D.	
32)	C450 Naphthalene	0.00	128		N.D.	
33)	C455 4-Chloroaniline	0.00	127		N.D.	
34)	C460 Hexachlorobutadiene	0.00	225		N.D.	
35)	E655 Caprolactam	0.00	113		N.D.	
36)	C465 4-Chloro-3-methylphen	0.00	107		N.D.	
37)	C470 2-Methylnaphthalene	0.00	142		N.D.	
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.	
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.	
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.	
43)	C525 2-Chloronaphthalene	0.00	162		N.D.	
44)	C811 1,1'-Biphenyl	0.00	154		N.D.	
45)	C530 2-Nitroaniline	0.00	65		N.D.	
46)	C540 Acenaphthylene	0.00	152		N.D.	
47)	C535 Dimethylphthalate	0.00	163		N.D.	
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.	
49)	C550 Acenaphthene	0.00	153		N.D.	
50)	C545 3-Nitroaniline	0.00	138		N.D.	
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.	
52)	C565 Dibenzofuran	0.00	168		N.D.	
53)	C570 2,4-Dinitrotoluene	0.00	165		N.D.	
54)	C560 4-Nitrophenol	0.00	109		N.D.	
55)	C590 Fluorene	0.00	166		N.D.	

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

Matrix Spike Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4B1345901

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: Z61765.RR

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

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/27/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

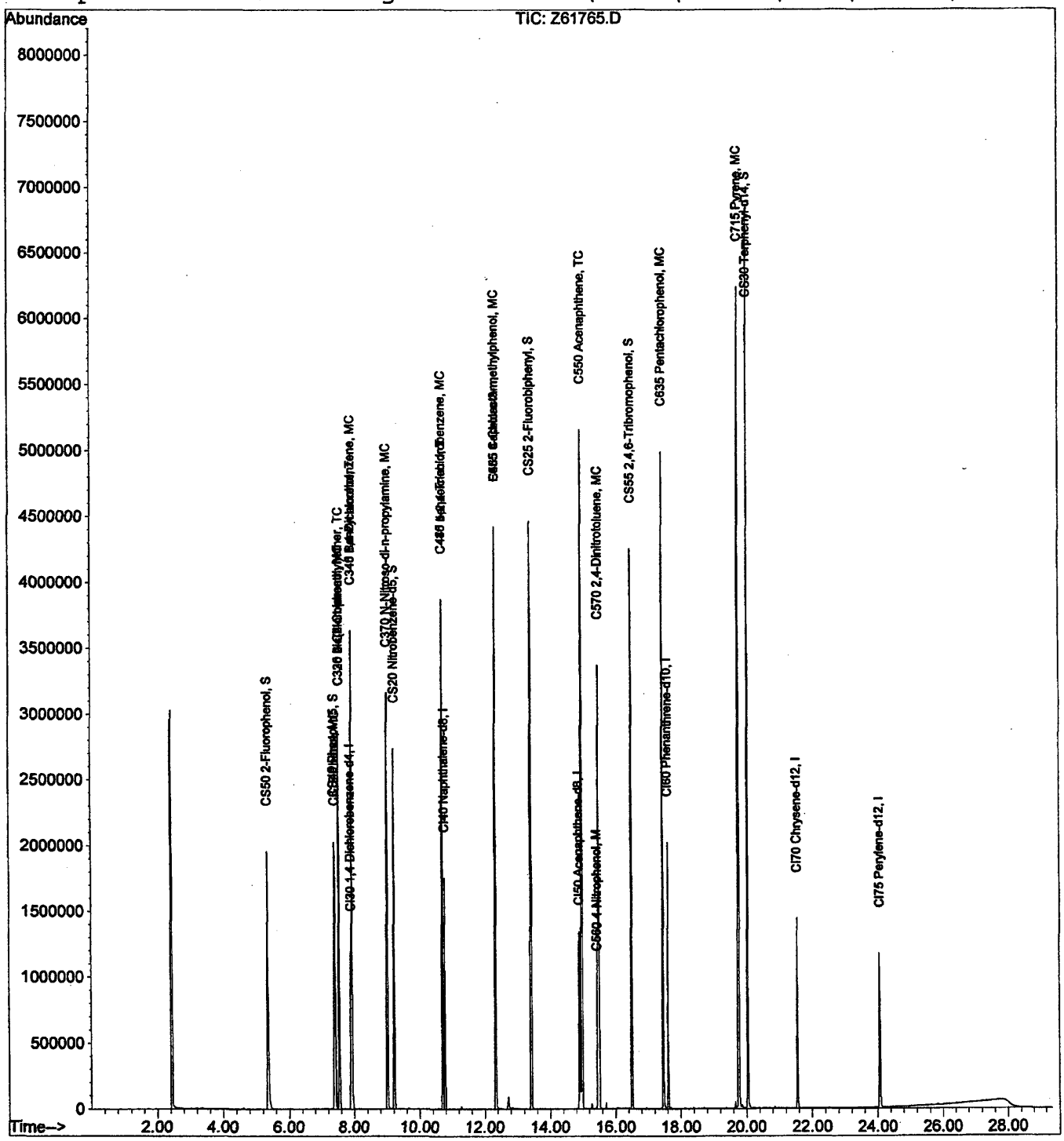
GPC Cleanup: (Y/N) N pH: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	33	
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61765.D Vial: 14
Acq On : 27 Jul 2004 19:24 Operator: PM
Sample : MSB AW40017679 Inst : I50Z-A
Misc : 04-6989 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:06 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072704\Z61751.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61765.D Vial: 14
Acq On : 27 Jul 2004 19:24 Operator: PM
Sample : MSB AW40017679 Inst : I50Z-A
Misc : 04-6989 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:06 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072704\Z61751.D (27 Jul 2004 11:18)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	331471	40.00	ng	0.00 75.68%
22) CI40 Naphthalene-d8	10.78	136	1235700	40.00	ng	0.00 85.75%
38) CI50 Acenaphthene-d8	14.90	164	692887	40.00	ng	-0.02 79.88%
60) CI60 Phenanthrene-d10	17.62	188	1060656	40.00	ng	0.00 78.06%
73) CI70 Chrysene-d12	21.55	240	1028627	40.00	ng	-0.02 72.28%
82) CI75 Perylene-d12	24.07	264	1017350	40.00	ng	-0.02 83.52%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	1290980	132.21	ng	-0.02
Spiked Amount 150.000	Range 21 - 110		Recovery = 88.14%			
6) CS45 Phenol-d5	7.40	99	1166779	95.88	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 63.92%			
7) CS70 2-chlorophenol-d4	7.55	132	207	0.02	ng	0.03
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.01%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.23	82	1855830	159.71	ng	0.02
Spiked Amount 100.000	Range 34 - 114		Recovery = 159.71%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3127473	163.91	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 163.91%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	971562	277.99	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 185.33%#			
76) CS30 Terphenyl-d14	20.05	244	3405743	194.11	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 194.11%#			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	0.00	74		N.D.		
4) E600 Benzaldehyde	0.00	77		N.D.		
~~5) C325 bis(2-Chloroethyl)eth~~	~~7.55~~	~~93~~	~~30432~~	~~2.53~~	~~ng #~~	1
8) C315 Phenol	7.42	94	874013	65.76	ng	85
~~9) C330 2-Chlorophenol~~	~~7.55~~	~~128~~	~~1581189~~	~~148.27~~	~~ng~~	91
10) C320 aniline	0.00	93		N.D.		

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

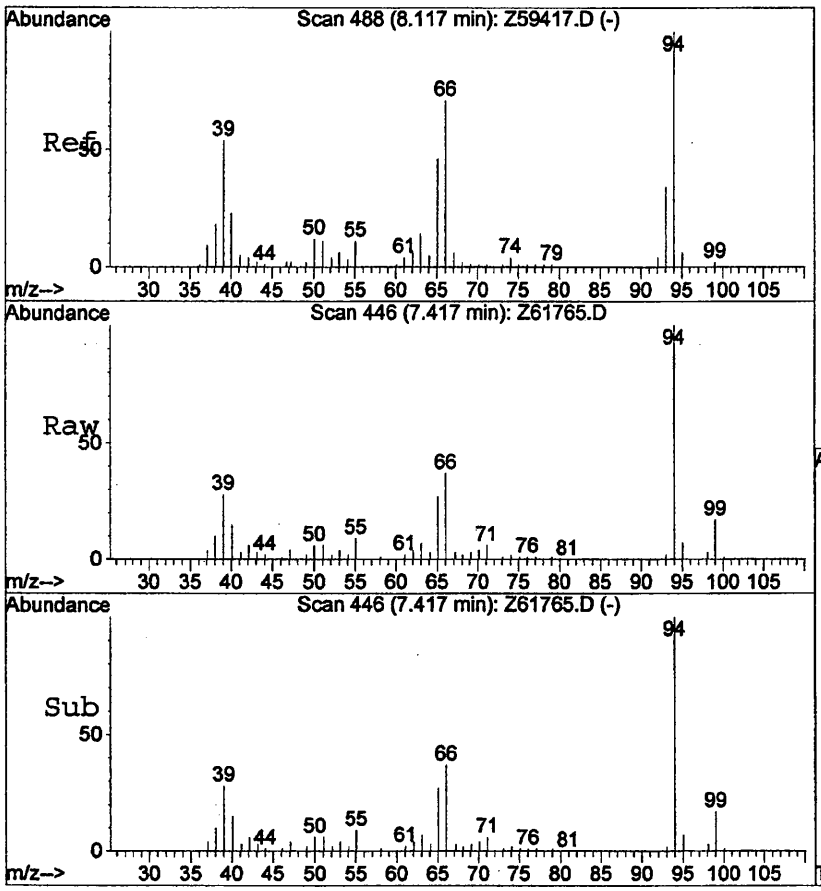
Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072704\Z61765.D Vial: 14
Acq On : 27 Jul 2004 19:24 Operator: PM
Sample : MSB AW40017679 Inst : I50Z-A
Misc : 04-6989 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 8:06 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Tue Jul 27 12:22:42 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072704\Z61751.D 27 Jul 2004 11
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.			
12)	C340 1,4-Dichlorobenzene	7.93	146	1545584	126.40	ng		99
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.			
15)	C345 Benzyl alcohol	7.93	108	7650	1.35	ng	#	1
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.			
17)	C355 2-Methylphenol	0.00	108		N.D.			
18)	E145 Acetophenone	0.00	105		N.D.			
19)	C375 Hexachloroethane	0.00	117		N.D.			
20)	C370 N-Nitroso-di-n-propyl	9.02	70	1464686	186.50	ng		79
21)	C365 4-Methylphenol	0.00	108		N.D.			
24)	C410 Nitrobenzene	0.00	77		N.D.			
25)	C415 Isophorone	0.00	82		N.D.			
26)	C430 benzoic acid	10.72	122	4492	1.32	ng	#	1
27)	C420 2-Nitrophenol	0.00	139		N.D.			
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.			
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.			
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.			
31)	C445 1,2,4-Trichlorobenzen	10.72	180	1362253	128.62	ng		95
32)	C450 Naphthalene	0.00	128		N.D.			
33)	C455 4-Chloroaniline	0.00	127		N.D.			
34)	C460 Hexachlorobutadiene	0.00	225		N.D.			
35)	E655 Caprolactam	12.35	113	45250	28.90	ng	#	52
36)	C465 4-Chloro-3-methylphen	12.35	107	1634464	178.49	ng		94
37)	C470 2-Methylnaphthalene	0.00	142		N.D.			
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.			
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.			
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.			
43)	C525 2-Chloronaphthalene	0.00	162		N.D.			
44)	C811 1,1'-Biphenyl	0.00	154		N.D.			
45)	C530 2-Nitroaniline	0.00	65		N.D.			
46)	C540 Acenaphthylene	0.00	152		N.D.			
47)	C535 Dimethylphthalate	0.00	163		N.D.			
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.			
49)	C550 Acenaphthene	14.98	153	2704417	161.41	ng		93
50)	C545 3-Nitroaniline	0.00	138		N.D.			
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.			
52)	C565 Dibenzofuran	0.00	168		N.D.			
53)	C570 2,4-Dinitrotoluene	15.50	165	1220966	183.37	ng		85
54)	C560 4-Nitrophenol	15.45	109	185848	85.14	ng	#	84
55)	C590 Fluorene	0.00	166		N.D.			

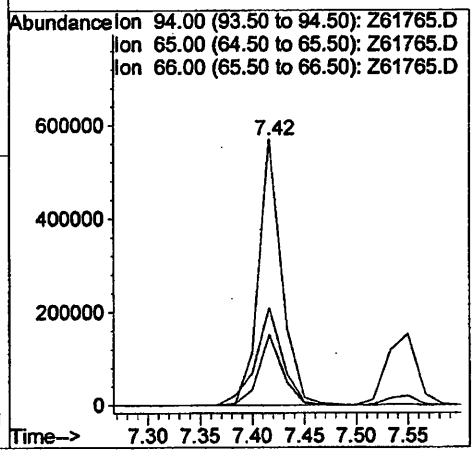
(#) = qualifier out of range (m) = manual integration



#8
C315 Phenol
Concen: 65.76 ng
RT: 7.42 min Scan# 446
Delta R.T. 0.00 min
Lab File: Z61765.D
Acq: 27 Jul 2004 19:24

Tgt Ion: 94 Resp: 874013

Ion	Ratio	Lower	Upper
94	100		
65	26.6	12.7	52.7
66	36.8	29.1	69.1



ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698910MS

Sample wt/vol: 965.00 (g/mL) ML Lab File ID: Z61780.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

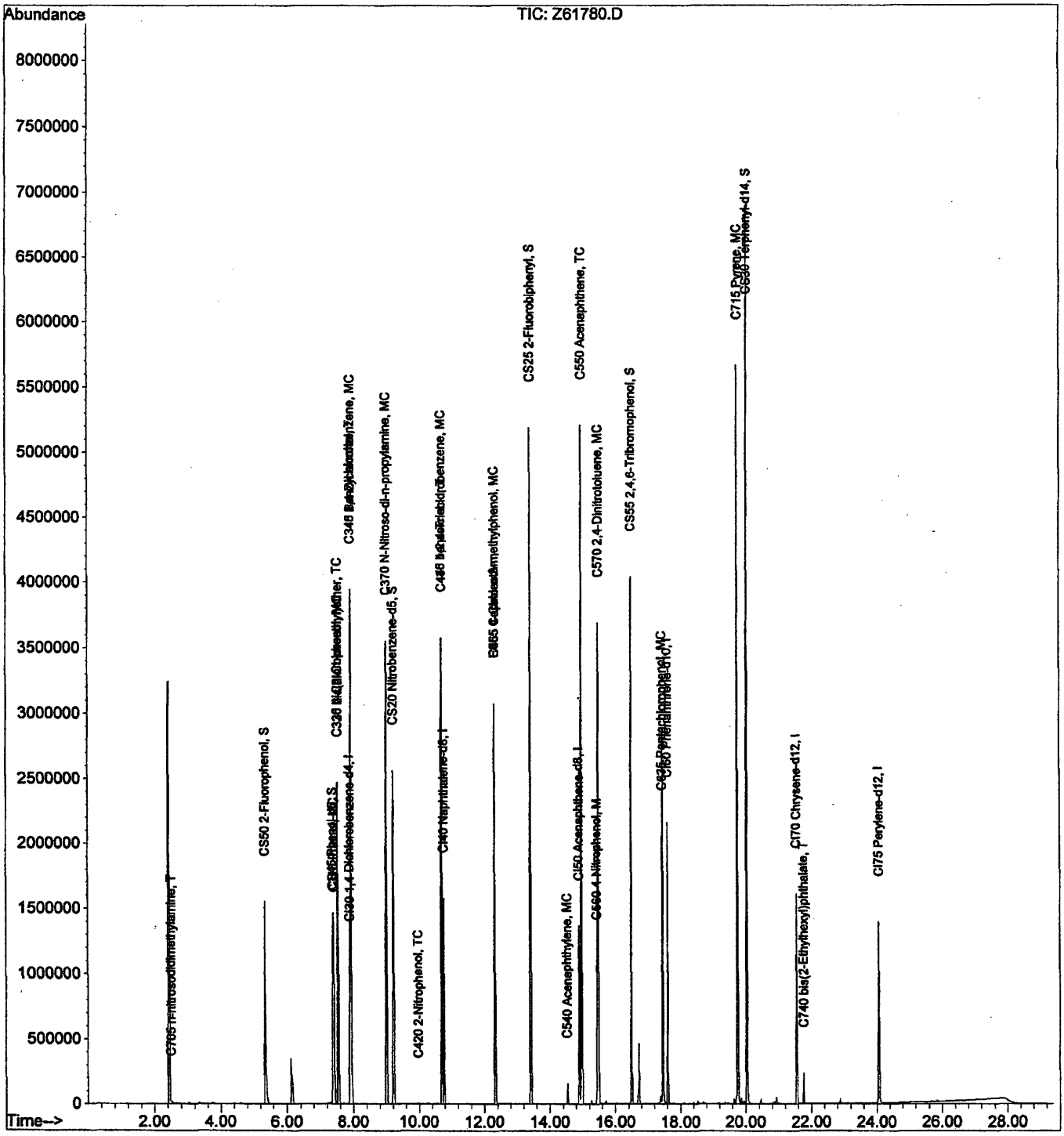
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	26	
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61780.D Vial: 8
Acq On : 28 Jul 2004 13:22 Operator: PM
Sample : A4698910MS AW40017671 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 14:49 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61780.D Vial: 8
Acq On : 28 Jul 2004 13:22 Operator: PM
Sample : A4698910MS AW40017671 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 14:49 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	308518	40.00	ng	0.02 73.22%
22) CI40 Naphthalene-d8	10.78	136	1162667	40.00	ng	0.00 79.51%
38) CI50 Acenaphthene-d8	14.90	164	629146	40.00	ng	0.00 75.54%
60) CI60 Phenanthrene-d10	17.62	188	1065518	40.00	ng	0.00 74.81%
73) CI70 Chrysene-d12	21.55	240	992192	40.00	ng	-0.02 70.63%
82) CI75 Perylene-d12	24.07	264	1078399	40.00	ng	0.00 87.54%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	972637	103.18	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 68.79%			
6) CS45 Phenol-d5	7.38	99	902645	77.23	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 51.49%			
7) CS70 2-chlorophenol-d4	7.53	132	164	0.02	ng	0.03
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.01%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1910342	182.53	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 182.53%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3125459	170.40	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 170.40%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	739688	226.84	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 151.23%#			
76) CS30 Terphenyl-d14	20.05	244	3499071	195.86	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 195.86%#			

Target Compounds						Qvalue
2) C705 n-nitrosodimethylam	2.50	74	3843	0.52	ng	# 1
4) E600 Benzaldehyde	0.00	77		N.D.		
5) C325 bis(2-chloroethyl)eth	7.53	93	24176	2.11	ng	# 1
8) C315 Phenol	7.42	94	666459	50.51	ng	87
9) C330 2-Chlorophenol	7.53	128	1318778	130.38	ng	84
10) C320 aniline	0.00	93		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61780.D Vial: 8
Acq On : 28 Jul 2004 13:22 Operator: PM
Sample : A4698910MS AW40017671 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 14:49 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.		
12)	C340 1,4-Dichlorobenzene	7.93	146	1639425	139.66 ng		99
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.		
15)	C345 Benzyl alcohol	7.93	108	8961	1.63 ng	#	1
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.		
17)	C355 2-Methylphenol	0.00	108		N.D.		
18)	E145 Acetophenone	0.00	105		N.D.		
19)	C375 Hexachloroethane	0.00	117		N.D.		
20)	C370 N-Nitroso-di-n-propyl	9.02	70	1434218	192.81 ng		80
21)	C365 4-Methylphenol	0.00	108		N.D.		
24)	C410 Nitrobenzene	0.00	77		N.D.		
25)	C415 Isophorone	0.00	82		N.D.		
26)	C430 benzoic acid	10.72	122	4935	1.28 ng	#	1
27)	C420 2-Nitrophenol	9.98	139	2737	0.51 ng	#	61
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.		
31)	C445 1,2,4-Trichlorobenzen	10.72	180	1406092	150.94 ng		93
32)	C450 Naphthalene	0.00	128		N.D.		
33)	C455 4-Chloroaniline	0.00	127		N.D.		
34)	C460 Hexachlorobutadiene	0.00	225		N.D.		
35)	E655 Caprolactam	12.33	113	25876	11.53 ng	#	49
36)	C465 4-Chloro-3-methylphen	12.33	107	972126	115.14 ng		86
37)	C470 2-Methylnaphthalene	0.00	142		N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.		
43)	C525 2-Chloronaphthalene	0.00	162		N.D.		
44)	C811 1,1'-Biphenyl	0.00	154		N.D.		
45)	C530 2-Nitroaniline	0.00	65		N.D.		
46)	C540 Acenaphthylene	14.53	152	133794	5.28 ng		99
47)	C535 Dimethylphthalate	0.00	163		N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.		
49)	C550 Acenaphthene	14.98	153	2163142	139.68 ng		95
50)	C545 3-Nitroaniline	0.00	138		N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.		
52)	C565 Dibenzofuran	0.00	168		N.D.		
53)	C570 2,4-Dinitrotoluene	15.50	165	1272851	201.41 ng		87
54)	C560 4-Nitrophenol	15.45	109	172859	83.65 ng	#	84
55)	C590 Fluorene	0.00	166		N.D.		

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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A4698910SD

Sample wt/vol: 965.00 (g/mL) ML Lab File ID: Z61781.RR

Level: (low/med) LOW Date Samp/Recv: 07/21/2004 07/23/2004

% Moisture: _____ decanted: (Y/N) N Date Extracted: 07/26/2004

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 07/28/2004

Injection Volume: 2.00 (uL) Dilution Factor: 1.00

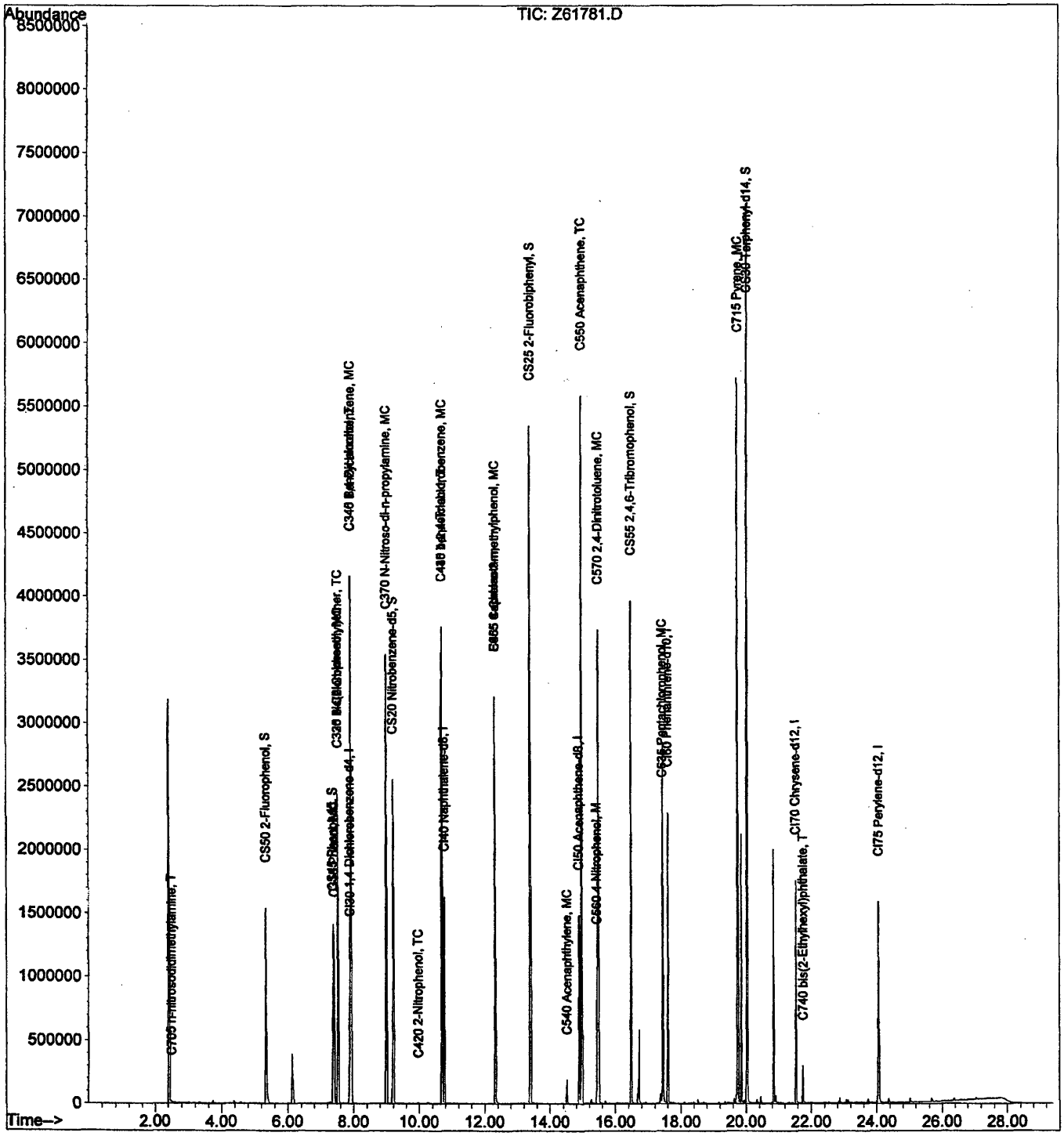
GPC Cleanup: (Y/N) N pH: 6.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	25	
106-44-5	4-Methylphenol	5	U
91-20-3	Naphthalene	5	U

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61781.D Vial: 9
Acq On : 28 Jul 2004 13:56 Operator: PM
Sample : A4698910SD AW40017672 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 14:50 2004 Quant Results File: CLP.RES

Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Continuing Cal File: D:\ELINK\INSTR1\DATA\072804\Z61773.D



Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61781.D Vial: 9
Acq On : 28 Jul 2004 13:56 Operator: PM
Sample : A4698910SD AW40017672 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 14:50 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M
IS QA File : D:\ELINK\INSTR1\DATA\072804\Z61773.D (28 Jul 2004 09:17)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	7.90	152	326911	40.00	ng	0.02 77.58%
22) CI40 Naphthalene-d8	10.78	136	1226916	40.00	ng	0.00 83.90%
38) CI50 Acenaphthene-d8	14.90	164	687443	40.00	ng	0.00 82.54%
60) CI60 Phenanthrene-d10	17.62	188	1138413	40.00	ng	0.00 79.93%
73) CI70 Chrysene-d12	21.55	240	1089221	40.00	ng	-0.02 77.53%
82) CI75 Perylene-d12	24.07	264	1209850	40.00	ng	0.00 98.21%

System Monitoring Compounds						
3) CS50 2-Fluorophenol	5.35	112	955904	95.70	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery = 63.80%			
6) CS45 Phenol-d5	7.38	99	889011	71.78	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery = 47.85%			
7) CS70 2-chlorophenol-d4	7.53	132	95	0.01	ng	0.03
Spiked Amount 150.000	Range 33 - 110		Recovery = 0.01%#			
13) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery = 0.00%#			
23) CS20 Nitrobenzene-d5	9.22	82	1897605	171.82	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery = 171.82%#			
42) CS25 2-Fluorobiphenyl	13.42	172	3153723	157.36	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery = 157.36%#			
63) CS55 2,4,6-Tribromophenol	16.50	330	745880	214.10	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery = 142.73%#			
76) CS30 Terphenyl-d14	20.05	244	3567246	181.89	ng	0.02
Spiked Amount 100.000	Range 33 - 141		Recovery = 181.89%#			

Target Compounds						Qvalue
2) C705 n-nitrosodidimethylam	2.50	74	4062	0.51	ng	# 1
4) E600 Benzaldehyde	0.00	77		N.D.		
5) C325 bis(2-chloroethyl)eth	7.53	93	24176	1.99	ng	# 1
8) C315 Phenol	7.42	94	667450	47.74	ng	87
9) C330 2-Chlorophenol	7.53	128	1323934	123.52	ng	84
10) C320 aniline	0.00	93		N.D.		

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

Quantitation Report

Data File : D:\ELINK\INSTR1\DATA\072804\Z61781.D Vial: 9
Acq On : 28 Jul 2004 13:56 Operator: PM
Sample : A4698910SD AW40017672 Inst : I50Z-A
Misc : Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jul 28 14:50 2004 Quant Results File: CLP.RES

Quant Method : D:\ELINK\INSTR1\QUANT\CLP.M (RTE Integrator)
Title : CLP BNA Calibration
Last Update : Wed Jul 28 09:52:13 2004
Response via : Single (D:\ELINK\INSTR1\DATA\072804\Z61773.D 28 Jul 2004 09
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
11)	C335 1,3-Dichlorobenzene	0.00	146		N.D.		
12)	C340 1,4-Dichlorobenzene	7.93	146	1745038	140.29 ng		100
14)	C350 1,2-Dichlorobenzene	0.00	146		N.D.		
15)	C345 Benzyl alcohol	7.93	108	8876	1.52 ng	#	1
16)	C360 bis(2-chloroisopropyl	0.00	45		N.D.		
17)	C355 2-Methylphenol	0.00	108		N.D.		
18)	E145 Acetophenone	0.00	105		N.D.		
19)	C375 Hexachloroethane	0.00	117		N.D.		
20)	C370 N-Nitroso-di-n-propyl	9.02	70	1445271	183.37 ng		80
21)	C365 4-Methylphenol	0.00	108		N.D.		
24)	C410 Nitrobenzene	0.00	77		N.D.		
25)	C415 Isophorone	0.00	82		N.D.		
26)	C430 benzoic acid	10.72	122	5722	1.41 ng	#	1
27)	C420 2-Nitrophenol	9.98	139	3215	0.56 ng	#	59
28)	C425 2,4-Dimethylphenol	0.00	107		N.D.		
29)	C435 bis(2-Chloroethoxy)me	0.00	93		N.D.		
30)	C440 2,4-Dichlorophenol	0.00	162		N.D.		
31)	C445 1,2,4-Trichlorobenzen	10.72	180	1489456	151.52 ng		93
32)	C450 Naphthalene	0.00	128		N.D.		
33)	C455 4-Chloroaniline	0.00	127		N.D.		
34)	C460 Hexachlorobutadiene	0.00	225		N.D.		
35)	E655 Caprolactam	12.33	113	26699	11.27 ng	#	48
36)	C465 4-Chloro-3-methylphen	12.33	107	983662	110.41 ng		87
37)	C470 2-Methylnaphthalene	0.00	142		N.D.		
39)	C510 Hexachlorocyclopentad	0.00	237		N.D.		
40)	C515 2,4,6-Trichlorophenol	0.00	196		N.D.		
41)	C520 2,4,5-Trichlorophenol	0.00	196		N.D.		
43)	C525 2-Chloronaphthalene	0.00	162		N.D.		
44)	C811 1,1'-Biphenyl	0.00	154		N.D.		
45)	C530 2-Nitroaniline	0.00	65		N.D.		
46)	C540 Acenaphthylene	14.53	152	156462	5.65 ng		99
47)	C535 Dimethylphthalate	0.00	163		N.D.		
48)	C542 2,6-Dinitrotoluene	0.00	165		N.D.		
49)	C550 Acenaphthene	14.98	153	2270789	134.20 ng		94
50)	C545 3-Nitroaniline	0.00	138		N.D.		
51)	C555 2,4-Dinitrophenol	0.00	184		N.D.		
52)	C565 Dibenzofuran	0.00	168		N.D.		
53)	C570 2,4-Dinitrotoluene	15.50	165	1323419	191.65 ng		84
54)	C560 4-Nitrophenol	15.45	109	183284	81.17 ng	#	85
55)	C590 Fluorene	0.00	166		N.D.		

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

STL Buffalo
Date: 07/26/2004
Time: 12:44:16

Organic Prep Log Book
(3510C) ASP00 8270 WATERS
A4B13459 KAK 7/26/04

Rept: AN05

SURROGATE A01
Expiration Date: 1/8/04
Prepared by: KAK
Spiked by: KAK 0.00 ul
Witnessed by:

MATRIX SPIKE ~~A03~~ A05
Expiration Date: 6/9/04
Prepared by: KAK
Spiked by: KAK 0.00 ul
Witnessed by:

MeCl2: A24E33
Acetone:
Hexane:
Na2SO4: 6-10-04
1:1 H2SO4: 5335
10 N NaOH: 4099

Date Ext/Initials: 7/26/04 KAK
Date Cleanup/Initials:
Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS
Date Conc/Initials: 7/26/04 KAK

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)
A04-6989	A4698901		FS	AW40017661	ASP00	ASP00	8270	A00028		Tan	6	1060	1.0
A04-6989	A4698902		FS	AW40017662	ASP00	ASP00	8270	A00028				1015	
A04-6989	A4698903		FS	AW40017663	ASP00	ASP00	8270	A00028				1055	
A04-6989	A4698904		FS	AW40017664	ASP00	ASP00	8270	A00028				1045	
A04-6989	A4698905		FS	AW40017665	ASP00	ASP00	8270	A00028		Cloudy		920	
A04-6989	A4698906		FS	AW40017666	ASP00	ASP00	8270	A00028				1054	
A04-6989	A4698907		FS	AW40017667	ASP00	ASP00	8270	A00028				1030	
A04-6989	A4698908		FS	AW40017668	ASP00	ASP00	8270	A00028				960	
A04-6989	A4698909		FS	AW40017669	ASP00	ASP00	8270	A00028				1060	
A04-6989	A4698910		FS	AW40017670	ASP00	ASP00	8270	A00028			6	1000	
A04-6989	A4698910MS		MS	AW40017671	ASP00	ASP00	8270	A00028	A00057			965	
A04-6989	A4698910SD		SD	AW40017672	ASP00	ASP00	8270	A00028	A00057				
A04-6989	A4698911		FS	AW40017673	ASP00	ASP00	8270	A00028				1030	
A04-6989	A4698912		FS	AW40017674	ASP00	ASP00	8270	A00028		Cloudy		1055	
A04-6989	A4698913		FS	AW40017675	ASP00	ASP00	8270	A00028				1045	
A04-6989	A4698914		FS	AW40017676	ASP00	ASP00	8270	A00028				970	

4244433

SIL Buffalo
Date: 07/26/2004
Time: 12:44:16

Organic Prep Log Book
(3510C) ASP00 8270 WATERS
A4B13459

Rept: AN050

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____

0.00 ul

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____

0.00 ul

MeCl2: _____
Acetone: _____
Hexane: _____
Na2So4: _____
1:1 H2SO4: _____
10 N NaOH: _____

Date Ext/Initials: _____ _____

Date Cleanup/Initials: _____ _____

Extraction Type: SEPF or CLLE (circle one) AQUEOUS EXTRACTIONS

Date Conc/Initials: _____ _____

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)
A04-6989	A4698915		FS	AW40017677	ASP00	ASP00	8270	A00028		Cloudy	6	1045	1.0
A04-6989	A4698916		FS	AW40017678	ASP00	ASP00	8270	A00028		↓	↓	970	
A4B13459	A4B1345901		MSB	AW40017679	ASP00	ASP00	8270	A00028	A00057	Clear	5	1000	
A4B13459	A4B1345902		MBLK	AW40017680	ASP00	ASP00	8270	A00028		↓	↓	↓	↓

Comments: _____

425/433

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/ Standard #	JOB #4-	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
6/4/04	1733		F G1003	DFTPP50	LL18-11 18	—	2.0µl	—	—	—	—
	1830		2 G1004	STD020	CCP (9/11/03)						
	1934		L G1005	STD050							
	1403		F G1006	STD080							
	1413		F G1007	STD120							
	1852		F G1008	STD160							
	1857		F G1009	AM5124 02	MW400 14927	5124		1.0ml	1	4/1	SC18-16
	1927		2 G1010	BLK	2						
	1952		2 G1011	MB	24						
	1737		F G1012	MBD	30						
	1911		F G1013	SRM50	31						
	1941		L G1014	MB	ASW00 7405						
	1021		F G1015	SBLK1	00						
	1957		F G1016	AM7124 01	01						
	2020		L G1017	01MS	02						
	2104		L G1018	01SD	03						
	2131		L G1019	02	04						
	2143		L G1020	03	05						
	2241		2 G1021	04	06						
	2321		F G1022	05	07						
	2356		F G1023	06	08						
	0030		2 G1024	CCV 12H	6/4/04	—					

SEVERN TRENT LABORATORIES

000034

REVIEWED BY

426/433

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS
No. 17 / Mix / DMC ☆ 2
AY I 497
AY C 2117

DATE 6/7/94

000025

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/ Standard #	AW JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
07/26/04	0927	PM	Z601728	DFTPP05D	SC18-11A		2.0				
	0950		Z601729	SSTD05D	8270 (9/11/04)						
	1024		Z601730	SSTD020	API X (12/4/04)						
	1058		Z601731	SSTD050							
	1133		Z601732	SSTD080							
	1207		Z601733	SSTD120							
	1241		Z601734	SSTD160							
	1316		Z601735	SSTD020	ADAS#1 (3/29/04)						
	1350		Z601736	SSTD050							
	1425		Z601737	SSTD080							
	1459		Z601738	SSTD120							
	1533		Z601739	SSTD160							
	1607		Z601740	MSB	AW400174447	16739		1.0	1	40	SC19-1
	1642		Z601741	SBLK04	48						
	1716		Z601742	A4607-3901	41				10		
	1750		Z601743	01FD	42						
	1824		Z601744	02	43				1		
	1859		Z601745	03	44						
	1933		Z601746	03MS	45						
	2008		Z601747	03SD	46						
	2042		Z601748	04	47						
	2116		Z601749	02DL	43				20		

07/29/04
MLK

REVIEWED BY

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS

NMC#1 NO tail/deg T 1998
C2767
3 standards diluted by 2

I 6528

I 6547

ALS - needs DF100

DATE 7/27/07

000087

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/ Standard #	AQ-JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
07/27/04	1059	PM	Z6617501	DFTPP050	SC18-11A		2.0				
	1118		Z6617511	SSTD050	8270 (4/1/04)						
	1158		Z6617521	SSTD050 2nd	ADIX (1/24/04)						
	1232		Z6617531	SSTD050	ADAS#1 (3/24/04)						
	1302		Z6617541	A4689739021 DL	AW400174643	L6739		1.0	100	40	SC19-1
	1341		Z6617551	A4692109	AW400174602	L6921			1		
	1415		Z6617561	MSB	03						
	1450		Z6617571	MSBA	04						
	1524		Z6617581	SBLK95	05						
	1558		Z6617591	A4689501	AW400174538	L6785			20-1		
	1633		Z6617601	02	39						
	1707		Z6617611	03 EBLK	40						
	1741		Z6617621	MSB	41						
	1816		Z6617631	MSBA	42						
	1850		Z6617641	SBLK96	43						
	1924		Z6617651	MSB	AW400174679	L6989					
	1958		Z6617661	SBLK97	80						
	2033		Z6617671	A4698901	101						
	2107		Z6617681	02	102						
	2141		Z6617691	03	103						
	2216		Z6617701	04	104						
	2250		Z6617711	05	105						

07/29/04 MKK

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS
DMC#1 No tail 1deg T 2005 C-2778
Std dil Tube by 2 " " " "
Needs DF 20

DATE 7/25/[illegible]

000089

GCMS SEMIVOLATILE INJECTION LOG

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/ Standard #	AW JOB #	INJ.VOL.(l)	F.V.(ml)	DF	NG I.S.	I.S. I.D.
07/28/04	0859	PM	Z1e1772	DFTPP050	SC18-11A		2.0				
	0917		Z1e1773	SSTD050	8270(9/11/04)						
	0955		Z1e1774	A41e78561DL	AW400175338	1e785		1.0	20	40	SC19-1
	1029		Z1e1775	A41e9890L	AW400175dele	1e989			1		
	1104		Z1e1776	07	07						
	1138		Z1e1777	08	08						
	1213		Z1e1778	09	09						
	1247		Z1e1779	10	70						
	1322		Z1e1780	10MS	71						
	1357		Z1e1781	10SD	72						
	1431		Z1e1782	11	73						
	1505		Z1e1783	12	74						
	1539		Z1e1784	13	75						
	1614		Z1e1785	14	76						
	1648		Z1e1786	15	77						
	1722		Z1e1787	16	78						

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS
SMC#1 No tail/deg T 2019 C2980

DATE_____