

FINAL OPERATION MAINTENANCE AND MONITORING REPORT (MAY 2006 – OCTOBER 2006)

**FORMER FLAGSHIP AIRLINES
DUTCHESS COUNTY AIRPORT
WAPPINGERS FALLS, NEW YORK**

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WAPPINGERS FALLS, NEW YORK**

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

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1.0 Introduction

This Operation, Maintenance and Monitoring Report details the semi-annual groundwater sampling in addition to system operation and maintenance (O&M) events of the Air Sparge/Soil Vapor Extraction (AS/SVE) treatment system that occurred at the Former Flagship Airlines Hangar Site (Site), located at the Dutchess County Airport, Wappingers Falls, New York (**Figure 1**). This report focuses on the O&M activities that occurred at the Site from May through October 2006. **Figure 2** shows the location of the monitoring wells located on-site. Historic groundwater and remedial system data is also presented for comparison purposes.

To more aggressively remediate the Site, Sparge Well SP-8 was installed to a depth of approximately 23.0 feet below ground surface (bgs) in June 2003. Sparge Well SP-1A was installed to a depth of 19.0 feet bgs during air sparge/soil vapor extraction (AS/SVE) and limited excavation activities in November 2003. Due to the limited excavation that was performed to remove a concrete drain feature, monitoring wells MW-9 and MW-10 were decommissioned and replaced by monitoring well MW-9/10R which was installed to a depth of 19.0 feet bgs.

On August 3, 2006 a meeting was held at the New York State Department of Environmental Conservation (NYSDEC), Region III office in New Paltz, New York. This meeting was called at the request of the NYSDEC, Region III and was attended by representatives from the NYSDEC, NYSDOH, and Shaw to discuss future plans relating to the former Flagship Airlines Hangar Site. The primary topics of discussion included the following: IBM's belief that residual impacts found on the former IBM property are migratory impacts from the adjacent former Flagship property, and other potential issues; groundwater analytical data from April 2006 sampling event and groundwater quality in general at the former Flagship Airlines Site; findings from the soil vapor intrusion investigation performed at the former Flagship Airlines Hangar Facility in March 2006; Shaw's subsequent petition to the state in August 2006 seeking closure of the site and cessation of all on-site treatment activities; and the NYSDEC's proposed plan to Shaw (American Airlines) to address potential issues raised by IBM.

In response to Shaw's petition seeking closure of the Site, the NYSDEC submitted the proposed plan discussed at the August 3rd meeting in writing (dated August 29, 2006). This plan entailed the following:

1. Submit a work plan for an additional soil vapor intrusion study at the Site.
2. Coordinate the October 2006 groundwater sampling event with representatives from the adjacent (former IBM property) site.

3. Shut down the AS/SVE system for a minimum of three months following completion of the October 2006 sampling event.
4. Complete another soil vapor intrusion study and another groundwater sampling event by the end of the heating season in order to evaluate whether contaminant concentrations will rebound as a result of the AS/SVE system being turned off.

The 2007 Indoor Air Work Plan was submitted to the NYSDEC/DOH on December 21, 2006. Shaw was given verbal approval for this work plan on January 8, 2007 by the NYSDEC.

In an effort to coordinate the October 2006 sampling event, Shaw and IBM exchanged reports and analytical data on their respective sites for 2003, 2004, and 2005. On October 23, 2006 a conference call was conducted between Shaw and IBM/Groundwater Science to coordinate the groundwater sampling event that took place on October 24, 2006. The issue of which compounds Shaw reports versus those that IBM reports was discussed. IBM specifically requested that Shaw report cis and trans-1,2-DCE [Shaw currently reports 1,2-DCE (total)] and 1,1-DCE on future documents. Another issue discussed was the direction of the groundwater gradient across the Site. Shaw and IBM agreed that the groundwater does flow in a north/northwest direction within the shallow soils from the Site towards the former IBM property. During the groundwater sampling event IBM's representative (Groundwater Science) gauged the wells they typically gauge. IBM's representative then followed Shaw personnel around as Shaw gauged the wells they typically gauge and then observed Shaw taking the dissolved oxygen (DO) measurements. To coordinate the actual groundwater sampling, Shaw purged all of the wells being sampled and provided split samples to the IBM representative for every groundwater sample Shaw collected. IBM (Groundwater Science) was to return in December 2006 to perform their annual groundwater sampling.

After performing the O&M activities on October 24, 2006, the treatment system air samples were taken. The treatment system was shut down prior to performing the groundwater sampling. Since October 24, 2006, the treatment system has remained shut down and will continue to do so until after the next round of indoor air and groundwater sampling has been performed in March of 2007.

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 were 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 26, June 22, July 20, August 10, September 28, and October 24, 2006. The system was shut down on October 24, 2006, following the treatment system O&M activities and semi-annual system air sampling. The semi-annual groundwater sampling event was also performed on October 24, 2006. The O&M visits are conducted to evaluate the remedial system's performance, measure system operating parameters, perform routine maintenance to the remedial equipment, and perform a site inspection.

Tasks performed during the typical O&M visit included:

- Inspecting treatment system components and equipment;
- Measuring operating parameters and making necessary adjustments;
- Maintaining treatment system equipment (drain moisture separator when necessary, check/change air filter elements and belts, lubricate wear components, and perform oil changes on blowers);
- Monitoring SVE points in the equipment compound to verify vacuum response surrounding the system; and
- Measuring VOC concentrations at various locations throughout the treatment system (influent SVE leg, pre-manifold, post-manifold, pre-carbon, and post-carbon) via photoionization detector (PID) readings.

The AS/SVE treatment system is designed to operate continuously. Based on the available hours and the run time calculated between O&M visits, treatment system utilization for this reporting period is as follows:

- 100% on May 26, 2006;
- 100% on June 22, 2006;
- 100% on July 20, 2006;
- 100% on August 10, 2006;
- 100% on September 28, 2006; and
- 100% on October 24, 2006.

The total available run time and actual system run time for the SVE system during this reporting period were both 4,320 hours, yielding a utilization of 100%.

3.0 *Significant Operational Notes*

Significant operational notes for this reporting period are as follows:

- Semi-annual system air samples were collected on October 24, 2006;
- The system was shut down on October 24, 2006 per the proposed plan and subsequent request by the NYSDEC (letter dated August 29, 2006); and
- Semi-annual groundwater sampling was conducted on October 24, 2006. A representative for IBM (Groundwater Science) was present on-site to gauge the wells they typically gauged, observed Shaw gauging and conducting DO measurements in the wells Shaw typically gauges, and took splits of all of the groundwater samples Shaw was collecting. IBM (Groundwater Science) planned on returning in December 2006 to perform their annual groundwater monitoring event.

4.0 *Soil Vapor Extraction System*

4.1 *Vapor Extraction System Operational Configuration*

The SVE portion of the treatment system consists of seven (7) horizontal SVE wells, a moisture separator, a Roots 47-URAI rotary lobe blower powered by a 5 HP motor, and two vapor phase carbon units.

SVE wells EW-1 through EW-7 are constructed horizontally with 4-inch diameter, Schedule (SCH) 40 PVC piping at a depth of approximately 4.5 feet below grade. Horizontal placement of the extraction wells is due to the shallow groundwater table elevation that is observed across the site. All seven SVE wells are 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 crusher run were used to backfill the remainder of the trench in non-paved areas. If the trench was within 6 feet of paved areas, crusher run was used to backfill the trench to grade.

SVE Wells EW-1 through EW-7 were originally controlled by motor operated valves (MOVs) that were programmed to activate one set of SVE points while deactivating the other set of SVE points and vice versa. Each set was activated for 12-hour time periods. System adjustments have been made so that all SVE wells operate simultaneously. Vapor extraction rates for the wells are 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 inches w.c. at each extraction well. Utilizing these flow and vacuum parameters generates 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 accumulate in the moisture

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

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

4.2 Period Performance

Calculations for VOCs removed based on PID readings during this reporting period indicate that the system has removed approximately 24.64 pounds of VOCs to date. Based on monthly PID measurements, no quantifiable VOCs have been recovered for the past fifty-two months of nearly continuous operation. System operational 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 presented on **Table 2**. Since the completion of ROD-approved modifications to the remedial system, samples are no longer collected at the individual SVE wells.

Semi-annual treatment system air sampling was conducted during this reporting period. Both influent and effluent system air samples were collected during the October 24, 2006 O&M visit and sent to the contract laboratory for TO-15 analysis. The analytical data recorded a detection for tetrachloroethene (PCE) in the treatment system influent at 0.60 ppbv, slightly above the reporting limit. No compounds of concern were detected in the treatment system effluent air. The system's cumulative recovery of compounds of concern is approximately 5.386 pounds, as presented in **Table 3**. Based on the results of the system air sampling (**Table 3**), **Figure 11** presents in graphical form total VOCs recovered and VOCs recovered since the last system sampling. From the trends shown on **Figure 11** it can be seen that total (cumulative) VOCs recovered and the VOCs recovered since the last system sampling have remained relatively flat for the last two to three years, leading to the conclusion that the treatment system has removed

the bulk of the dissolved contamination in the groundwater within the influence of the system. Soil vapor extraction system analytical results are presented in **Appendix B**.

5.0 Air Sparge System

5.1 Air Sparge System Operational Configuration

Interim 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 an 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-2 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 was 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 1-inch diameter, SCH 80 PVC sparge piping 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 penetrating through the treatment enclosure wall, the air sparge piping transitions 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 the other set of sparge points, and vice versa.

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 2 were deactivated, SP-5 was valved off (valve is accessible through a flush-mount road box), and a “T” was installed in the line to supply air to SP-8 during the November 2003 system modifications. Currently, sparge wells SP-1A, SP-6, and SP-8 are in operation.

The system design flow of approximately 12 scfm at 8 to 10 pounds per square inch (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 5.0 standard cubic feet per minute (scfm) and a total average system pressure of approximately 8.0 psi. The AS blower was fully operational with sparge wells SP-1A, SP-6, and SP-8 operating simultaneously.

Dissolved oxygen levels were measured in specified monitoring wells during the groundwater sampling event (10/24/06). Based upon data collected during the monitoring, the distribution of sparge air remains significantly greater than that observed prior to the SP-1A and SP-8 installation and subsequent activation in November 2003. In accordance with the ROD and the NYSDEC’s request (10/21/04), sparging is active in SP-1A, SP-6, and SP-8. All historic dissolved oxygen data recorded since May 1999 is presented on **Table 4**.

6.0 System Treatment Efficiency

This report summarizes a joint survey of water level measurements collected from monitoring wells located on the former Flagship and former IBM hangar properties during this reporting period. Based on the depth to groundwater data obtained during the October 24, 2006 sampling event, the apparent groundwater flow is in a northwest direction (**Figure 3**). Prior to gauging the monitoring wells, the treatment system was shut down to allow for the stabilization of the naturally occurring potentiometric surface.

During the October 24, 2006 gauging event, groundwater elevations on the former Flagship parcel ranged from 155.54 feet (ME-15) to 152.45 feet (ME-13). On the former IBM parcel, groundwater elevations ranged from 153.36 feet (A-40S) to 150.56 feet (A-44S). Historical depth to groundwater measurements and elevations are presented in **Table 4**.

Analytical results of the samples collected from the monitoring well network during the current reporting period are presented in **Table 5**. Historical analytical results for the significant compounds of concern, as identified by the ROD, are presented in **Table 6**.

There were no dissolved concentrations of the compounds of concern detected during the October 24, 2006 sampling event in MW-9/10R. This marks ten consecutive groundwater sampling events with no detections above the laboratory detection limits in the area of the former concrete drain. Monitoring Well MW-6, which is located approximately 15 feet down-gradient of the former concrete drain, was not sampled (inaccessible) due to a car being parked over it. In fact, none of the groundwater samples collected from wells on the former Flagship property exhibited the presence of any of the compounds of concern at or above the sample quantitation limits.

Trace amounts of the compounds of concern were observed in groundwater samples collected from three wells in estimated concentrations below the sample quantitation limits at the former Flagship Airlines Site. Tetrachloroethene (PCE) was detected in ME-14 and ME-19 at estimated concentrations of 0.7 and 0.9 µg/L, respectively, below the sample quantitation limits, and well below the NYSDEC Groundwater Standard for PCE at 5 µg/L. Cis-1,2-dichloroethene was detected in MW-8 at an estimated concentration of 0.3 µg/L, below the sample quantitation limit, and well below the NYSDEC Groundwater Standard for cis-1,2-dichloroethene at 5 µg/L. Down-gradient wells are predominantly free of dissolved contamination, thus demonstrating limited plume mobility away from this primary area of concern.

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 results are presented in **Appendix A**.

Samples collected from the former IBM property Monitoring Wells A-26S, A-27S, and A-42S exhibited laboratory detections of at least one of the Flagship ROD target analytes at or above the sample quantitation limits. Monitoring Wells A-26S and A-27S, located near the eastern corner of the former IBM hangar facility, had detections of DCA at 7 and 1 µg/L, respectively. Monitoring Well A-27S also had detections of 1,2-dichloroethene (total) and PCE at 3 and 1 µg/L, respectively. Monitoring Well A-42S, located approximately 70 feet up-gradient from the eastern corner of the former IBM hangar facility, had a detection of cis-1,2-dichloroethene at 1 µg/L. The NYSDEC standards for DCA, PCE, and 1,2-dichloroethene (total) is 5 µg/L. Of the compounds of concern, only DCA found in the groundwater sample collected from Monitoring Well A-26S exhibited any concentration exceeding the NYSDEC Groundwater Standard. 1,1,1-Trichloroethane, TCE, toluene and naphthalene were not detected at or above the sample quantitation limits in any of the former IBM property monitoring wells (A-26S, A-27S, A-42S, and A-43S) sampled during the October 2006 sampling event.

Trace amounts of the compounds of concern were also observed in groundwater samples collected from the wells on the former IBM property in estimated concentrations below the sample quantitation limits. DCA was detected in A-42S and A-43S at estimated concentrations of 0.4 and 0.7 µg/L, respectively, below the sample quantitation limits, and well below the NYSDEC Groundwater Standard for DCA at 5 µg/L. Cis-1,2-dichloroethene was detected in A-26S and A-43S at estimated concentrations of 0.3 and 0.5 µg/L, respectively, below the sample quantitation limits, and well below the NYSDEC Groundwater Standard for cis-1,2-dichloroethene at 5 µg/L. Trichloroethene (TCE) was detected in A-27S at an estimated concentration of 0.3 µg/L, below the sample quantitation limit, and well below the NYSDEC Groundwater Standard for TCE at 5 µg/L. Naphthalene was detected in A-26S, A-27S, A-42S, and A-43S at estimated concentrations of 2, 0.6, 0.4, and 0.4 µg/L, respectively, below the sample quantitation limit, and well below the NYSDEC Groundwater Standard for naphthalene at 10 µg/L.

The up-gradient wells on the former Flagship property have demonstrated reductions in total VOC concentrations, with no compounds of concern detected at or above laboratory reporting limits during the October 2006 sampling event. Although no significant trends have been observed, the down-gradient wells (A-26S, A-27S, A-42S, and A-43S) on the former IBM

property have demonstrated reductions in total VOC concentrations. Monitoring Wells A-42S and A-43S continue to exhibit only trace detections at or below the sample quantitation limits for the compounds of concern.

The presence of one or more of the compounds of concern including DCA, 1,2-dichloroethene (total), and PCE in former IBM property wells 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 near the eastern corner of the former IBM hangar facility. The MW-9/10R area of concern on the former Flagship property is approximately 160 feet up-gradient from this IBM well area. Historically, 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:

- Conduct indoor air sampling in March 2007;
- Perform semi-annual groundwater gauging/sampling in March 2007;
- Restart treatment system in March 2007; and
- Perform semi-annual treatment system sampling in April 2007.

TABLES

Table 1
Former Flagship Hangar Facility
Air Sparge/Soil Vapor Extraction System
Vapor Removal (Based on PID)

Sampling	Run Time Since	SVE	SVE Blower	SVE Blower	SVE Blower	VOC	VOC's	Cumulative
Date	Last Visit	Operation	Effluent	Effluent	Effluent	Removal	Recovered	lbs. of VOC's
	(hrs)	Since Last	Flow Velocity	Flow Rate	PID Reading	Rate	Since Last	Recovered
		O&M Visit	(4" diam.)				O&M Visit	
	Available / Actual	(%)	(fpm)	(cfm)	(ppmv)	(lbs/hr)	(lbs.)	(lbs.)
08/04/00	0 / 0	0.00%	2942.5	256	2.2	0.01	0.00	0.00
08/09/00	120 / 6	5.00%	3172.4	276	0.0	0.00	0.00	0.00
08/16/00	168 / 168	100.00%	3103.4	270	0.0	0.00	0.00	0.00
08/24/00	192 / 192	100.00%	3356.3	292	0.0	0.00	0.00	0.00
09/21/00	672 / 261	38.84%	3678.2	320	0.0	0.00	0.00	0.00
10/09/00	432 / 192	44.44%	3678.2	320	0.0	0.00	0.00	0.00
11/17/00	936 / 542	57.91%	4046.0	352	0.0	0.00	0.00	0.00
12/06/00	456 / 298	65.35%	4114.9	358	0.0	0.00	0.00	0.00
01/10/01	840 / 120	14.29%	4000.0	348	0.0	0.00	0.00	0.00
02/19/01	960 / 960	100.00%	3195.4	278	0.0	0.00	0.00	0.00
03/28/01	888 / 72	8.11%	0.0	0	0.0	0.00	0.00	0.00
04/19/01	528 / 270	51.14%	2580.0	224	0.0	0.00	0.00	0.00
05/16/01	648 / 600	92.59%	2919.5	254	0.0	0.00	0.00	0.00
06/20/01	840 / 792	94.29%	3185.0	277	0.0	0.00	0.00	0.00
07/30/01	960 / 960	100.00%	3287.4	286	0.0	0.00	0.00	0.00
08/17/01	432 / 432	100.00%	3310.3	288	0.0	0.00	0.00	0.00
09/11/01	600 / 600	100.00%	3379.3	294	0.0	0.00	0.00	0.00
10/31/01	1200 / 1200	100.00%	3595.0	313	0.0	0.00	0.00	0.00
11/29/01	696 / 408	59.00%	3560.0	310	2.3	0.01	4.08	4.08
12/13/01	336 / 336	100.00%	3580.0	311	2.0	0.01	3.36	7.44
01/17/02	840 / 768	91.00%	2494.0	217	0.0	0.00	0.00	7.44
02/21/02	840 / 840	100.00%	3678.2	320	0.0	0.00	0.00	7.44
03/20/02	648 / 552	85.19%	4770.1	415	0.0	0.00	0.00	7.44
04/17/02	672 / 672	100.00%	3804.6	331	0.0	0.00	0.00	7.44
05/22/02	840 / 840	100.00%	4655.2	405	5.7	0.02	13.74	21.18
06/17/02	624 / 384	61.54%	0.0	0	0.0	0.01	3.46	24.64
07/15/02	672 / 312	46.43%	3379.3	294	0.0	0.00	0.00	24.64
08/28/02	1056 / 576	54.55%	3183.9	277	0.0	0.00	0.00	24.64
09/24/02	624 / 624	100.00%	3862.1	336	0.0	0.00	0.00	24.64
10/21/02	648 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
11/15/02	600 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
12/17/02	768 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
01/18/03	748 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64

Table 1
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Sampling	Run Time Since	SVE	SVE Blower	SVE Blower	SVE Blower	VOC	VOC's	Cumulative
Date	Last Visit	Operation	Effluent	Effluent	Effluent	Removal	Recovered	lbs. of VOC's
	(hrs)	Since Last	Flow Velocity	Flow Rate	PID Reading	Rate	Since Last	Recovered
		O&M Visit	(4" diam.)				O&M Visit	
	Available / Actual	(%)	(fpm)	(cfm)	(ppmv)	(lbs/hr)	(lbs.)	(lbs.)
02/12/03	600 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
03/20/03	864 / 0	0.00%	0.0	0.0	0.0	0.00	0.00	24.64
04/21/03	768 / 0	0.00%	2172.4	189.0	0.0	0.00	0.00	24.64
05/28/03	888 / 704	79.28%	2862.1	249.0	0.0	0.00	0.00	24.64
06/10/03	312 / 0	0.00%	0.0	NM	0.0	0.00	0.00	24.64
07/09/03	696 / 696	100.00%	2298.9	200.0	0.0	0.00	0.00	24.64
08/28/03	1200 / 1200	100.00%	1597.7	139.0	0.0	0.00	0.00	24.64
09/03/03	120 / 120	100.00%	2563.2	223	0.0	0.00	0.00	24.64
10/17/03	1056 / 1056	100.00%	2436.8	212	0.0	0.00	0.00	24.64
11/13/03	648 / 648	100.00%	2069.0	180	0.0	0.00	0.00	24.64
12/16/03	792 / 792	100.00%	1609.2	140	0.0	0.00	0.00	24.64
01/21/04	528 / 528	100.00%	1862.1	162	0.0	0.00	0.00	24.64
02/19/04	696 / 696	100.00%	1954.0	170	0.0	0.00	0.00	24.64
03/31/04	984 / 787	79.98%	1724.1	150	0.0	0.00	0.00	24.64
04/07/04	168 / 168	100.00%	2321.8	202	0.0	0.00	0.00	24.64
05/06/04	696 / 696	100.00%	2229.9	194	0.0	0.00	0.00	24.64
05/06/04	696 / 696	100.00%	2517.2	219	0.0	0.00	0.00	24.64
06/03/04	672 / 672	100.00%	2517.2	219	0.0	0.00	0.00	24.64
07/08/04	840 / 768	91.43%	2528.7	220	0.0	0.00	0.00	24.64
08/31/04	1296 / 1296	100.00%	3333.3	290	0.0	0.00	0.00	24.64
09/15/04	360 / 192	53.33%	3046.0	265	0.0	0.00	0.00	24.64
10/21/04	864 / 864	100.00%	2735.6	238	0.0	0.00	0.00	24.64
11/24/04	816 / 408	50.00%	3103.4	270	0.0	0.00	0.00	24.64
12/09/04	360 / 180	50.00%	3069.0	267	0.0	0.00	0.00	24.64
01/13/05	840 / 420	50.00%	2287.4	199	0.0	0.00	0.00	24.64
02/18/05	864 / 792	91.67%	2298.9	200	0.0	0.00	0.00	24.64
03/16/05	624 / 552	88.46%	2390.8	208	0.0	0.00	0.00	24.64
04/26/05	984 / 936	95.12%	2436.8	212	0.0	0.00	0.00	24.64
05/26/05	720 / 720	100.00%	2400.0	209	0.0	0.00	0.00	24.64
06/14/05	456 / 456	100.00%	2200.0	190	0.0	0.00	0.00	24.64
07/17/05	696 / 693	99.57%	2400.0	209	0.0	0.00	0.00	24.64

Table 1
Former Flagship Hangar Facility
Air Sparge/Soil Vapor Extraction System
Vapor Removal (Based on PID)

Sampling	Run Time Since	SVE	SVE Blower	SVE Blower	SVE Blower	VOC	VOC's	Cumulative
Date	Last Visit	Operation	Effluent	Effluent	Effluent	Removal	Recovered	lbs. of VOC's
	(hrs)	Since Last	Flow Velocity	Flow Rate	PID Reading	Rate	Since Last	Recovered
		O&M Visit	(4" diam.)				O&M Visit	
	Available / Actual	(%)	(fpm)	(cfm)	(ppmv)	(lbs/hr)	(lbs.)	(lbs.)
08/25/05	936 / 936	100.00%	3034.0	264	0.0	0.00	0.00	24.64
09/29/05	840 / 840	100.00%	2862.0	249	0.0	0.00	0.00	24.64
10/31/05	768 / 664	86.46%	3080.0	268	0.0	0.00	0.00	24.64
11/02/05	48 / 48	100.00%	2236.0	195	0.0	0.00	0.00	24.64
12/08/05	864 / 864	100.00%	2450.0	213	0.0	0.00	0.00	24.64
01/21/06	1056 / 1056	100.00%	2216.0	193	0.0	0.00	0.00	24.64
02/27/06	888 / 888	100.00%	2580.0	224	0.0	0.00	0.00	24.64
03/29/06	720 / 0	0.00%	0.0	0	0.0	0.00	0.00	24.64
04/27/06	696 / 696	100.00%	2160.0	188	0.0	0.00	0.00	24.64
05/26/06	696 / 696	100.00%	2080.0	182	0.0	0.00	0.00	24.64
06/22/06	648 / 648	100.00%	1790.0	156	0.0	0.00	0.00	24.64
07/20/06	672 / 672	100.00%	1920.0	168	0.0	0.00	0.00	24.64
08/10/06	504 / 504	100.00%	1300.0	113	0.0	0.00	0.00	24.64
09/28/06	1176 / 1176	100.00%	250.0	22	0.0	0.00	0.00	24.64
10/24/06	624 / 624	100.00%	580.0	51	0.0	0.00	0.00	24.64

Notes:

1. October 2002 AS/SVE shutdown due to high groundwater levels.
2. April 2003 SVE system restarted.
3. NM = Not Measured
4. February 27, 2006 AS/SVE shut down due to March 2006 indoor air sampling.
5. March 26, 2006 AS/SVE system restarted.
6. October 24, 2006 AS/SVE system shut down.

Table 2
Former Flagship Hangar Facility
Air Sparge/Soil Vapor Extraction System
Treatment Efficiency

Date	Compounds of Concern	SVE Influent South Leg (ppbv) / µg/m³	SVE Influent North Leg (ppbv) / µg/m³	Carbon Effluent South Leg (ppbv) / µg/m³	Carbon Effluent North Leg (ppbv) / µg/m³	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:

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

Table 2
Former Flagship Hangar Facility
Air Sparge/Soil Vapor Extraction System Treatment Efficiency

Date	Compounds of Concern	SVE Influent (ppbv) / $\mu\text{g}/\text{m}^3$	SVE Effluent (ppbv) / $\mu\text{g}/\text{m}^3$	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
10/21/04	Trichloroethene	ND / ND	ND / ND	100.00
	Tetrachloroethene	2.3 / 15.6	ND / ND	100.00
	Toluene	NA	NA	NA
	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
04/26/05	Trichloroethene	ND / ND	ND / ND	100.00
	Tetrachloroethene	1.1 / 7.46*	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
10/26/05	Trichloroethene	ND / ND	ND / ND	100.00
	Tetrachloroethene	ND / ND	ND / ND	100.00
	Toluene	0.79 / 2.98	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
04/27/06	Trichloroethene	ND / ND	ND / ND	100.00
	Tetrachloroethene	ND / ND	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
10/24/06	Trichloroethene	ND / ND	ND / ND	100.00
	Tetrachloroethene	0.60 / 4.07	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:

1. ND = Not Detected, therefore, compound believed to be absent in treatment train or below method detection limit.
2. * = Resampled on 06/14/05.
3. NA = Analyte not analyzed.

Table 3
Former Flagship Airlines Hangar Facility
Air Sparge/Soil Vapor Extraction System
Compounds 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.)
08/04/00	0 / 0	0.00%	2885	252	0.165	2.2	0.000648	0.00	0.000
10/09/00	1584 / 627	39.58%	3759	328	0.119	0.0	0.000642	0.40	0.403
12/06/00	1392 / 1032	74.14%	4103	358	0.067	0.0	0.000498	0.51	0.917
05/16/01	3864 / 2320	60.04%	2805	245	0.0	0.0	0.000158	0.37	1.282
06/20/01	840 / 792	94.29%	3195	279	0.0542	0.0	0.000111	0.09	1.370
09/11/01	9672 / 1992	20.60%	3379	295	0.236	0.0	0.000650	1.29	2.664
01/17/02	3072 / 2712	88.28%	2494	218	0.0015	0.0	0.000475	1.29	3.952
05/22/02	3000 / 3000	100.00%	4500	393	0.0404	5.7	0.000100	0.30	4.251
09/24/02	2976 / 1896	63.71%	3862	337	0.0	0.0	0.000115	0.22	4.469
05/28/03	907 / 702	77.44%	2862	250	0.063	0.0	0.000144	0.10	4.570
09/03/03	1344 / 1344	100.00%	2560	223	NS	0.0	0.000233	0.31	4.883
02/19/04	3720 / 3720	100.00%	2560	223	0.0021	0.0	0.000113	0.422	5.305
07/23/04	3720 / 3451	92.77%	2529	221	0.0017	0.0	0.000007	0.023	5.328
10/21/04	2160 / 1992	92.22%	2600	238	0.0023	0.0	0.000007	0.014	5.342
04/26/05	4488 / 3288	73.26%	2600	238	0.0011	0.0	0.000006	0.021	5.363
10/26/05	4296 / 4189	97.51%	2642	272	0.0008	0.0	0.000004	0.016	5.378
04/27/06	4176 / 3506	83.96%	2160	188	0.0000	0.0	0.000001	0.005	5.383
10/24/06	4320 / 4320	100.00%	580	51	0.0006	0.0	0.000001	0.002	5.386

Notes: SVE was not operating between 9/02 and 4/04

AS/SVE was not operating between 2/27/06 and 3/29/06

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		
	TOC Elev. 162.27			TOC Elev. 156.03'			TOC Elev. 162.34'			TOC Elev. 158.64'			TOC Elev. 158.52'		
Date	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
12/30/96	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
04/02/97	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
05/21/99	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
02/09/00	10.12	152.15	NM	NM	NM	NM	8.87	153.47	NM	5.33	153.31	NM	5.14	153.38	NM
06/28/00	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
08/03/00	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
08/10/00	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
08/31/00	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
09/21/00	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
10/16/00	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
11/13/00	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
12/06/00	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*
01/08/01	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
02/19/01	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
03/28/01	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*
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
05/16/01	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
6/20-6/21/01	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
07/30/01	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
08/16/01	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
09/10/01	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
10/31/01	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
11/29/01	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
12/13/01	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
01/17/02	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
02/21/02	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
03/20/02	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
04/17/02	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
05/22/02	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
09/23&24/02	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
10/21/02	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
11/15/02	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
12/17/02	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
01/17/03	8.59	153.68	1.04	NM	NM	NM	6.00	156.34	0.73	2.50	156.14	1.14	NM	NM	NM
02/12/03	7.36	154.91	0.71	NM	NM	NM	4.60	157.74	0.86	NM	NM	NM	NM	NM	NM
03/20/03	7.58	154.69	1.17	NM	NM	NM	5.42	156.92	1.03	NM	NM	NM	NM	NM	NM
04/21/03	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
05/28/03	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
07/09/03	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
09/09/03	8.55	153.72	0.71	1.85	154.18	1.03	6.81	155.53	1.11	3.30	155.34	1.43	2.96	155.56	0.98
10/16/03	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
01/22/04	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
05/06/04	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
06/03/04	9.47	152.80	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
07/21/04	10.28	151.99	1.84	3.40	152.63	0.01	8.65	153.69	0.21	5.10	153.54	1.04	4.83	153.69	1.44
10/21/04	8.86	153.41	0.45	1.70	154.33	0.93	6.71	155.63	3.30	3.20	155.44	5.06	2.91	155.61	1.02
01/13/05	7.92	154.35	0.14	NM	NA	NM	5.91	156.43	0.96	2.38	156.26	4.98	2.03	156.49	2.57
04/26/05	8.36	153.91	0.67	0.62	155.41	1.07	5.68	156.66	1.12	2.14	156.50	NM	1.82	156.70	0.77
07/13/05	9.61	152.66	0.43	2.64	153.39	0.36	7.52	154.82	0.18	3.97	154.67	2.19	3.68	154.84	0.57
10/26/05	6.83	155.44	0.17	0.00	156.03	0.55	4.69	157.65	4.12	1.15	157.49	4.27	0.83	157.69	3.78
04/27/06	8.69	153.58	0.13	1.76	154.27	0.24	6.65	155.69	1.23	3.28	155.36	4.10	3.22	155.30	2.85
10/24/06	9.23	153.04	0.39	2.28	153.75	3.19	7.58	154.76	4.15	NM	NM	NM	3.80	154.72	5.20

Notes:

1. Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
2. **Red** = corrected groundwater elevation measurement.
3. All groundwater measurements reported in feet (ft).
4. DO = Dissolved Oxygen reported in milligram per liter (mg/L).
5. NM = Not Measured
6. NI = Not installed as of this date
7. * = DO measurement incorrect due to malfunctioning meter.

Table 4
Former Flagship Hangar Facility
Historical Groundwater Depths, Elevations and Dissolved Oxygen Measurements

Date	MW-8			MW-9			MW-10			MW-9/10 R			MW-20		
	TOC Elev. 159.37'			TOC Elev. 158.87'			TOC Elev. 158.72'			TOC Elev. 158.46'			TOC Elev. 159.24'		
Date	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
12/30/96	5.73	153.64	NM	2.72	156.15	NM	2.58	156.14	NM	NI	NI	NI	NG	NG	NM
04/02/97	5.18	154.19	NM	4.54	154.33	NM	2.39	156.33	NM	NI	NI	NI	NG	NG	NM
05/21/99	6.19	153.18	12.53	3.82	155.05	13.58	3.55	155.17	11.12	NI	NI	NI	NG	NG	NI
02/09/00	7.33	152.04	NM	5.43	153.44	NM	5.20	153.52	NM	NI	NI	NI	NG	NG	NM
06/28/00	5.48	153.89	NM	2.91	155.96	NM	2.72	156.00	NM	NI	NI	NI	4.46	154.78	NM
08/03/00	6.31	153.06	1.57	3.75	155.12	0.2	3.55	155.17	0.25	NI	NI	NI	5.15	154.09	2.55
08/10/00	6.23	153.14	NM	3.72	155.15	NM	3.50	155.22	NM	NI	NI	NI	5.09	154.15	NM
08/31/00	6.91	152.46	2.29	3.69	155.18	8.29	3.52	155.2	3.68	NI	NI	NI	5.65	153.59	6.51
09/21/00	5.95	153.42	1.76	3.54	155.33	1.67	3.80	154.92	3.39	NI	NI	NI	4.56	154.68	3.88
10/16/00	6.55	152.82	2.81	3.99	154.88	7.77	4.12	154.6	2.72	NI	NI	NI	4.90	154.34	7.37
11/13/00	6.39	152.98	2.37	4.53	154.34	2.02	4.58	154.14	2.11	NI	NI	NI	5.44	153.8	8.38
12/06/00	6.88	152.49	17.4*	4.80	154.07	2.06*	4.67	154.05	2.39*	NI	NI	NI	6.44	152.8	5.82
01/08/01	6.52	152.85	2.52	4.65	154.22	8.61	4.58	154.14	4.28	NI	NI	NI	6.02	153.22	5.59
02/19/01	6.35	153.02	2.33	4.60	154.27	9.38	4.20	154.52	8.91	NI	NI	NI	5.56	153.68	6.59
03/28/01	5.75	153.62	15.53*	3.32	155.55	13.77*	3.15	155.57	9.77*	NI	NI	NI	4.70	154.54	13.08*
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NI	NI	NI	NM	NM	NM
05/16/01	6.34	153.03	1.05	3.68	155.19	0.74	3.45	155.27	0.58	NI	NI	NI	5.11	154.13	0.58
6/20-6/21/01	7.01	152.36	0.66	3.98	154.89	0.68	3.73	154.99	0.70	NI	NI	NI	5.65	153.59	0.81
07/30/01	7.33	152.04	1.08	4.91	153.96	0.36	4.60	154.12	0.31	NI	NI	NI	6.13	153.11	2.16
08/16/01	8.22	151.15	0.94	5.14	153.73	0.45	5.06	153.66	0.43	NI	NI	NI	6.92	152.32	0.54
09/10/01	9.22	150.15	1.35	4.98	153.89	0.58	5.33	153.39	0.54	NI	NI	NI	7.61	151.63	0.79
10/31/01	NM	NM	NM	5.40	153.47	0.87	5.84	152.88	0.69	NI	NI	NI	6.82	152.42	1.92
11/29/01	8.90	150.47	1.34	6.08	152.79	0.59	6.32	152.40	0.47	NI	NI	NI	6.92	152.32	1.56
12/13/01	8.75	150.62	NM	6.69	152.18	0.91	6.54	152.18	0.56	NI	NI	NI	7.92	151.32	4.15
01/17/02	8.13	151.24	2.42	6.07	152.80	0.59	6.29	152.43	1.40	NI	NI	NI	NM	NM	NM
02/21/02	8.21	151.16	0.37	6.75	152.12	NM	6.63	152.09	1.36	NI	NI	NI	7.68	151.56	0.72
03/20/02	8.17	151.20	1.15	6.77	152.10	NM	6.70	152.02	NM	NI	NI	NI	7.68	151.56	1.38
04/17/02	7.78	151.59	1.61	6.64	152.23	3.46	6.30	152.42	3.16	NI	NI	NI	7.34	151.90	5.34
05/22/02	6.72	152.65	0.43	5.03	153.84	0.95	4.83	153.89	0.50	NI	NI	NI	6.06	153.18	1.06
09/23&24/02	7.35	152.02	0.56	4.91	153.96	0.73	4.94	153.78	0.42	NI	NI	NI	5.69	153.55	5.95
10/21/02	6.38	152.99	1.21	3.98	154.89	0.27	4.02	154.70	0.22	NI	NI	NI	5.54	153.70	1.09
11/15/02	6.68	152.69	1.50	4.55	154.32	0.83	4.35	154.37	0.77	NI	NI	NI	4.91	154.33	6.02
12/17/02	5.28	154.09	1.41	3.07	155.80	0.44	2.91	155.81	0.38	NI	NI	NI	4.50	154.74	1.11
01/17/03	5.53	153.84	0.83	2.82	156.05	0.77	2.61	156.11	0.67	NI	NI	NI	6.02	153.22	1.08
02/12/03	4.62	154.75	0.63	2.65	156.22	1.13	2.61	156.11	1.04	NI	NI	NI	4.28	154.96	0.87
03/20/03	4.81	154.56	1.03	2.20	156.67	1.43	2.00	156.72	1.28	NI	NI	NI	NM	NM	NM
04/21/03	5.22	154.15	0.64	2.35	156.52	NM	2.18	156.54	NM	NI	NI	NI	3.80	155.44	2.49
05/28/03	5.79	153.58	0.42	3.21	155.66	8.81	3.04	155.68	1.06	NI	NI	NI	4.70	154.54	6.97
07/09/03	6.12	153.25	0.82	3.48	155.39	2.2	3.26	155.46	0.6	NI	NI	NI	3.95	155.29	5.5
09/09/03	5.97	153.40	1.14	3.63	155.24	2.35	3.39	155.33	1.67	NI	NI	NI	0.50	158.74	0.91
10/16/03	6.11	153.26	0.54	3.44	155.43	0.62	3.62	155.10	0.44	NI	NI	NI	4.64	154.60	6.15
01/22/04	6.14	153.23	2.46	**	**	**	**	**	**	1.89	156.57	7.19	6.53	152.71	7.82
05/06/04	6.55	152.82	0.1	**	**	**	**	**	**	3.02	155.44	4.89	4.66	154.58	4.83
06/03/04	6.68	152.69	NM	**	**	**	**	**	**	NM	NM	NM	5.59	153.65	NM
07/21/04	7.76	151.61	0.11	**	**	**	**	**	**	4.68	153.78	1.18	7.30	151.94	0.91
10/21/04	6.84	152.53	1.56	**	**	**	**	**	**	2.76	155.70	7.27	5.67	153.57	6.17
01/13/05	5.19	154.18	0.10	**	**	**	**	**	**	1.94	156.52	5.84	4.06	155.18	7.92
04/26/05	5.32	154.05	1.21	**	**	**	**	**	**	1.70	156.76	1.60	4.00	155.24	0.73
07/13/05	8.25	151.12	0.64	**	**	**	**	**	**	3.57	154.89	1.49	8.70	150.54	0.55
10/26/05	3.97	155.40	0.46	**	**	**	**	**	**	0.69	157.77	6.08	2.87	156.37	6.34
04/27/06	6.33	153.04	0.26	**	**	**	**	**	**	3.31	155.15	8.25	5.06	154.18	4.61
10/24/06	6.50	152.87	0.44	**	**	**	**	**	**	3.62	154.84	5.25	5.42	153.82	4.35

Notes:

1. Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
2. **Red** = corrected groundwater elevation measurement.
3. All groundwater measurements reported in feet (ft).
4. DO = Dissolved Oxygen reported in milligram per liter (mg/L).
5. ** Well removed from sampling protocol November 2003.
6. NM = Not Measured
7. NI = Not installed as of this date
8. * = DO measurement incorrect due to malfunctioning meter

Table 4
Former Flagship Hangar Facility
Historical Groundwater Depths, Elevations and Dissolved Oxygen Measurements

Date	ME-12			ME-13			ME-14			ME-15			ME-16		
	TOC Elev. 158.87'			TOC Elev. 159.50'			TOC Elev. 159.98'			TOC Elev. 159.66'			TOC Elev. 159.09'		
	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
12/30/96	3.12	155.75	NM	6.10	153.40	NM	3.91	156.07	NM	3.58	156.08	NM	2.45	156.64	NM
04/02/97	3.06	155.81	NM	5.65	153.85	NM	3.86	156.12	NM	3.58	156.08	NM	2.43	156.66	NM
05/21/99	4.50	154.37	14.39	7.10	152.40	10.13	5.39	154.59	10.41	5.10	154.56	9.09	4.00	155.09	9.86
02/09/00	5.83	153.04	NM	NM	NM	NM	6.71	153.27	NM	NM	NM	NM	NM	NM	NM
06/28/00	3.29	155.58	NM	7.14	152.36	NM	3.92	156.06	NM	4.20	155.46	NM	2.55	156.54	NM
08/03/00	4.08	154.79	0.65	7.65	151.85	1.80	4.79	155.19	0.61	4.29	155.37	3	3.65	155.44	0.86
08/10/00	4.06	154.81	NM	6.69	152.81	NM	4.72	155.26	NM	4.35	155.31	NM	3.59	155.50	NM
08/31/00	4.17	154.7	10.93	6.97	152.53	4.37	4.95	155.03	3.3	4.53	155.13	3.78	3.58	155.51	3.88
09/21/00	3.76	155.11	9.34	8.79	150.71	3.89	5.31	154.67	2.07	5.07	154.59	1.67	3.96	155.13	1.98
10/16/00	4.70	154.17	10.51	NM	NM	NG	5.76	154.22	3.18	5.44	154.22	4.33	4.52	154.57	3.58
11/13/00	3.32	155.55	10.55	9.93	149.57	1.56	9.93	150.05	1.56	5.51	154.15	1.71	4.81	154.28	2.19
12/06/00	5.19	153.68	10.66*	8.04	151.46	6.97*	6.45	153.53	0.6*	6.05	153.61	0.35	5.30	153.79	16.08*
01/08/01	5.18	153.69	10.58	7.85	151.65	1.97	6.30	153.68	2.21	6.00	153.66	2.51	NM	NM	NM
02/19/01	6.64	152.23	8.94	6.92	152.58	1.14	5.62	154.36	1.38	9.31	150.35	1.22	NM	NM	NM
03/28/01	3.67	155.20	10.95*	6.41	153.09	16.11*	4.50	155.48	11.53*	4.16	155.50	17.42*	3.26	155.83	12.62*
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
05/16/01	4.53	154.34	1.48	NM	NM	NM	5.00	154.98	1.14	NM	NM	NM	3.85	155.24	0.85
6/20-6/21/01	4.52	154.35	5.68	7.12	152.38	1.07	5.15	154.83	0.63	4.59	155.07	1.30	3.94	155.15	0.61
07/30/01	5.93	152.94	6.65	NM	NM	NM	5.95	154.03	0.53	NM	NM	NM	4.80	154.29	0.50
08/16/01	7.25	151.62	4.09	8.13	151.37	0.69	6.38	153.60	0.57	6.03	153.63	1.71	5.25	153.84	0.64
09/10/01	5.15	153.72	10.72	7.55	151.95	0.89	6.90	153.08	0.39	8.56	151.10	0.98	5.77	153.32	0.85
10/31/01	5.63	153.24	3.14	9.56	149.94	0.56	7.23	152.75	0.72	6.89	152.77	0.61	6.15	152.94	1.35
11/29/01	8.27	150.60	2.41	8.61	150.89	0.91	7.65	152.33	0.93	9.76	149.90	0.73	6.56	152.53	0.43
12/13/01	7.85	151.02	5.80	11.23	148.27	0.52	7.82	152.16	0.67	8.01	151.65	0.41	6.80	152.29	0.52
01/17/02	7.93	150.94	2.60	9.10	150.40	1.30	7.83	152.15	1.33	7.93	151.73	2.62	NM	NM	NM
02/21/02	6.96	151.91	4.07	9.18	150.32	1.22	7.82	152.16	0.65	7.58	152.08	1.92	6.91	152.18	0.70
03/20/02	7.00	151.87	1.32	NM	NM	NM	7.93	152.05	0.70	NM	NM	NM	6.92	152.17	0.90
04/17/02	7.11	151.76	2.03	NM	NM	NM	7.33	152.65	2.94	NM	NM	NM	6.35	152.74	1.48
05/22/02	5.20	153.67	1.56	NM	NM	NM	6.14	153.84	0.87	NM	NM	NM	4.64	154.45	0.85
09/23&24/02	5.58	153.29	5.43	7.99	151.51	0.63	6.38	153.60	0.81	6.04	153.62	1.34	5.24	153.85	0.73
10/21/02	4.00	154.87	8.60	5.94	153.56	2.18	5.23	154.75	0.33	4.85	154.81	1.53	4.12	154.97	0.44
11/15/02	4.88	153.99	2.95	7.29	152.21	1.45	5.62	154.36	1.02	5.27	154.39	2.64	4.46	154.63	2.64
12/17/02	3.39	155.48	2.01	4.24	155.26	0.61	4.15	155.83	0.78	4.08	155.58	0.55	4.70	154.39	0.62
01/17/03	NM	NM	NM	5.95	153.55	0.88	4.00	155.98	0.89	4.17	155.49	1.01	NM	NM	NM
02/12/03	NM	NM	NM	4.49	155.01	0.55	2.98	157.00	0.66	4.26	155.40	0.83	NM (snow)	NM (snow)	NM (snow)
03/20/03	NM	NM	NM	2.55	156.95	0.77	3.26	156.72	0.91	2.97	156.69	0.69	2.44	156.65	0.79
04/21/03	2.63	156.24	1.85	5.86	153.64	1.61	3.54	156.44	1.44	3.22	156.44	1.78	2.11	156.98	1.85
05/28/03	3.50	155.37	10.82	5.29	154.21	1.04	4.42	155.56	0.89	3.83	155.83	0.97	3.03	156.06	0.85
07/09/03	3.73	155.14	10.39	6.44	153.06	0.75	4.59	155.39	0.79	4.25	155.41	0.91	3.30	155.79	0.77
09/09/03	3.98	154.89	1.21	6.53	152.97	0.51	4.82	155.16	0.83	4.56	155.10	1.04	3.40	155.69	1.01
10/16/03	4.00	154.87	0.99	6.69	152.81	1.56	4.71	155.27	0.92	4.35	155.31	0.93	3.46	155.63	0.88
01/22/04	NM	NM	NM	6.18	153.32	1.66	3.85	156.13	0.95	3.56	156.10	2.10	NM	NM	NM
05/06/04	4.06	154.81	2.68	6.83	152.67	0.14	4.88	155.10	0.1	4.53	155.13	0.33	3.55	155.54	0.25
06/03/04	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
07/21/04	5.61	153.26	0.53	8.1	151.40	0.03	6.36	153.62	0.02	6.04	153.62	0.09	5.21	153.88	0.01
10/21/04	3.75	155.12	0.93	6.54	152.96	0.76	4.54	155.44	0.97	4.23	155.43	0.44	3.23	155.86	0.58
01/13/05	3.00	155.87	1.74	5.76	153.74	0.57	3.83	156.15	0.21	3.51	156.15	2.09	2.34	156.75	2.32
04/01/05	2.77	156.10	1.2	6.02	153.48	0.48	3.75	156.23	0.54	3.39	156.27	1.34	1.00	158.09	0.47
07/13/05	4.39	154.48	0.23	7.02	152.48	0.25	5.04	154.94	0.2	4.70	154.96	0.24	3.61	155.48	0.32
10/26/05	2.13	156.74	1.06	4.66	154.84	0.41	2.61	157.37	0.25	2.30	157.36	0.92	2.05	157.04	0.33
04/27/06	4.26	154.61	1.27	7.12	152.38	0.70	4.84	155.14	0.51	4.82	154.84	0.61	3.40	155.69	0.54
10/24/06	3.75	155.12	0.63	7.05	152.45	1.79	5.33	154.65	0.24	4.12	155.54	0.93	5.00	154.09	0.24

Notes:

1. Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
2. **Red** = corrected groundwater elevation measurement.
3. All groundwater measurements reported in feet (ft).
4. DO = Dissolved Oxygen reported in milligram per liter (mg/L).
5. ** Well removed from sampling protocol November 2003.
6. NM = Not Measured
7. NI = Not installed as of this date
8. * = DO measurement incorrect due to malfunctioning meter

Table 4
Former Flagship Hangar Facility
Historical Groundwater Depths, Elevations and Dissolved Oxygen Measurements

Date	ME-18			ME-19			PZ-1			A-8S			A-16S		
	TOC Elev. 157.82'			TOC Elev. 161.08'			TOC Elev. 157.46'			TOC Elev. 157.86'			TOC Elev. 157.40'		
	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
12/30/96	2.31	155.51	NM	NM	NM	NM	NM	NM	NM	NI	NI	NI	NI	NI	NI
04/02/97	2.27	155.55	NM	6.31	154.77	NM	NM	NM	NM	NI	NI	NI	NI	NI	NI
05/21/99	3.29	154.53	14.69	7.68	153.4	13.17	NM	NM	NI	NI	NI	NI	NI	NI	NI
02/09/00	4.89	152.93	NM	8.86	152.22	NM	NM	NM	NM	NI	NI	NI	NI	NI	NI
06/28/00	1.95	155.87	NM	7.48	153.6	NM	3.24	154.22	NM	8.65	149.21	NM	5.06	152.34	NM
08/03/00	3.17	154.65	3.36	7.37	153.71	2.32	3.89	153.57	0.5	5.07	152.79	2.06	5.37	152.03	0.62
08/10/00	3.13	154.69	NM	7.32	153.76	NM	3.84	153.62	NM	5.00	152.86	NM	5.29	152.11	NM
08/31/00	3.18	154.64	4.51	8.08	153.00	2.48	4.50	152.96	6.39	5.25	152.61	3.90	5.57	151.83	1.74
09/21/00	3.17	154.65	2.96	7.32	153.76	3.93	3.70	153.76	1.19	5.35	152.51	4.59	5.69	151.71	2.48
10/16/00	6.99	150.83	2.89	4.50	156.58	3.93	4.91	152.55	3.51	5.67	152.19	4.49	5.95	151.45	4.81
11/13/00	6.00	151.82	2.19	8.87	152.21	2.96	3.40	154.06	2.84	5.65	152.21	3.36	5.92	151.48	8.19
12/06/00	5.43	152.39	15.24*	7.96	153.12	12.57*	4.91	152.55	3.72	6.16	151.70	11.84	6.26	151.14	6.81
01/08/01	5.60	152.22	2.73	8.25	152.83	0.44	NM	NM	NM	5.88	151.98	1.83	6.09	151.31	7.78
02/19/01	3.94	153.88	8.71	7.81	153.27	3.28	NM	NM	NM	5.30	152.56	2.34	5.50	151.90	4.90
03/28/01	2.55	155.27	10.86*	7.51	153.57	14.44*	3.41	154.05	NM	4.71	153.15	21.61*	5.01	152.39	NM
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
05/16/01	3.36	154.46	1.89	7.59	153.49	1.19	4.11	153.35	2.63	5.30	152.56	1.93	5.62	151.78	1.33
6/20-6/21/01	3.41	154.41	3.35	8.21	152.87	0.66	4.31	153.15	2.11	5.32	152.54	1.70	5.60	151.80	1.95
07/30/01	3.18	154.64	2.49	8.61	152.47	0.63	5.11	152.35	2.47	6.00	151.86	1.16	6.19	151.21	1.70
08/16/01	4.40	153.42	2.28	8.84	152.24	0.76	5.60	151.86	2.21	6.28	151.58	0.94	6.43	150.97	1.96
09/10/01	4.82	153.00	3.49	9.65	151.43	1.25	NM	NM	NM	6.65	151.21	0.83	6.75	150.65	2.00
10/31/01	4.96	152.86	2.97	NM	NM	NM	5.89	151.57	2.12	6.70	151.16	0.47	6.86	150.54	2.36
11/29/01	5.67	152.15	1.47	9.84	151.24	0.71	4.87	152.59	1.09	6.94	150.92	0.66	7.09	150.31	4.65
12/13/01	6.85	150.97	1.88	10.27	150.81	NM	6.49	150.97	2.82	7.15	150.71	NM	7.13	150.27	2.48
01/17/02	6.47	151.35	1.26	9.55	151.53	0.76	6.11	151.35	2.13	6.89	150.97	0.89	7.05	150.35	5.95
02/21/02	6.04	151.78	1.19	9.77	151.31	0.41	6.17	151.29	1.86	6.97	150.89	75.00	7.07	150.33	5.86
03/20/02	6.01	151.81	96.00	9.70	151.38	0.63	6.18	151.28	1.51	6.99	150.87	0.37	7.08	150.32	3.28
04/17/02	NM	NM	NM	9.22	151.86	1.61	5.72	151.74	4.96	6.54	151.32	1.42	6.71	150.69	4.21
05/22/02	NM	NM	NM	8.15	152.93	0.62	4.67	152.79	0.38	5.50	152.36	1.02	5.70	151.70	3.62
09/23&24/02	4.60	153.22	NM	8.60	152.48	1.97	5.24	152.22	0.47	6.06	151.80	0.63	6.31	151.09	1.64
10/21/02	NM	NM	NM	7.59	153.49	3.93	4.23	153.23	1.73	5.00	152.86	0.87	5.28	152.12	4.39
11/15/02	NM	NM	NM	7.94	153.14	2.09	4.50	152.96	0.83	5.43	152.43	2.07	5.72	151.68	4.35
12/17/02	NM	NM	NM	6.60	154.48	0.99	3.15	154.31	1.22	4.23	153.63	0.76	4.70	152.70	5.92
01/17/03	NM	NM	NM	6.60	154.48	0.97	3.30	154.16	0.96	4.62	153.24	0.68	NM	NM	NM
02/12/03	2.38	155.44	0.91	6.04	155.04	1.05	3.62	153.84	0.80	5.15	152.71	0.61	NM (snow)	NM (snow)	NM (snow)
03/20/03	1.46	156.36	1.13	5.91	155.17	1.06	2.50	154.96	0.71	3.76	154.10	0.49	4.23	153.17	0.87
04/21/03	1.56	156.26	1.32	6.28	154.80	2.07	2.90	154.56	2.03	4.27	153.59	1.04	4.79	152.61	5.19
05/28/03	2.49	155.33	1.92	6.90	154.18	0.32	3.46	154.00	0.34	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock
07/09/03	2.73	155.09	2.79	7.33	153.75	0.72	3.70	153.76	0.75	4.58	153.28	2.66	5.08	152.32	0.96
09/03/03	2.88	154.94	1.44	7.17	153.91	1.08	NM	NM	0.90	4.60	153.26	0.77	5.07	152.33	0.87
10/16/03	2.88	154.94	0.90	7.30	153.78	0.60	3.83	153.63	0.68	4.82	153.04	1.03	5.33	152.07	2.58
01/22/04	3.16	154.66	1.11	7.17	153.91	10.02	3.60	153.86	2.44	4.61	153.25	3.12	5.01	152.39	7.01
05/06/04	3.01	154.81	1.08	8.50	152.58	5.20	4.12	153.34	0.13	4.97	152.89	0.19	5.45	151.95	0.09
06/03/04	NM	NM	NM	7.90	153.18	NM	4.41	153.05	NM	NM	NM	NM	NM	NM	NM
07/21/04	4.65	153.17	0.14	10.27	150.81	1.28	5.51	151.95	0.01	NM	NM	NM	6.37	151.03	0.47
10/21/04	2.78	155.04	3.32	9.02	152.06	8.93	4.06	153.40	0.39	4.71	153.15	0.72	NM	NM	NM
01/13/05	2.00	155.82	1.11	6.36	154.72	0.11	2.89	154.57	1.15	3.88	153.98	0.56	NM (snow)	NM (snow)	NM (snow)
04/26/05	1.80	156.02	1.62	6.44	154.64	1.18	3.00	154.46	0.86	4.11	153.75	0.57	NM	NM	NM
07/13/05	3.69	154.13	1.42	11.29	149.79	5.87	5.65	151.81	0.61	5.39	152.47	0.29	NM	NM	NM
10/26/05	0.70	157.12	2.08	5.23	155.85	3.62	1.81	155.65	0.45	2.94	154.92	0.34	NM	NM	NM
04/27/06	2.99	154.83	1.04	7.20	153.88	0.19	3.85	153.61	0.14	NM	NM	NM	NM	NM	NM
10/24/06	3.52	154.30	2.78	7.71	153.37	1.13	4.12	153.34	1.13	4.92	152.94	0.84	5.55	151.85	0.9

Notes:

1. Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
2. **Red** = corrected groundwater elevation measurement.
3. All groundwater measurements reported in feet (ft).
4. DO = Dissolved Oxygen reported in milligram per liter (mg/L).
5. ** Well removed from sampling protocol November 2003.
6. NM = Not Measured
7. NI = Not installed as of this date
8. * = DO measurement incorrect due to malfunctioning meter

Table 4
Former Flagship Hangar Facility
Historical Groundwater Depths, Elevations and Dissolved Oxygen Measurements

Date	A-19S			A-20S			A-26S			A-27S			A-39S		
	TOC Elev. 159.04'			TOC Elev. 158.76'			TOC Elev. 154.94'			TOC Elev. 157.74'			TOC Elev. 159.51		
	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO	DTW	GW Elev	DO
12/30/96	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/02/97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/21/99	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
02/09/00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
06/28/00	5.83	153.21	NM	6.33	152.43	NM	2.04	152.90	NM	4.35	153.39	NM	6.75	152.76	NM
08/03/00	6.79	152.25	2.30	6.64	152.12	0.64	3.40	151.54	3.95	5.27	152.47	1.00	7.05	152.46	5.78
08/10/00	6.71	152.33	NM	6.52	152.24	NM	2.61	152.33	NM	5.20	152.54	NM	6.96	152.55	NM
08/31/00	6.89	152.15	3.33	6.82	151.94	4.55	2.55	152.39	8.19	5.32	152.42	2.90	7.23	152.28	7.28
09/21/00	7.11	151.93	2.37	6.92	151.84	4.38	3.09	151.85	3.47	4.83	152.91	2.99	7.47	152.04	6.18
10/16/00	7.48	151.56	5.36	7.32	151.44	4.66	3.41	151.53	3.78	5.43	152.31	3.43	7.58	151.93	7.57
11/13/00	7.39	151.65	7.29	7.22	151.54	5.29	3.90	151.04	2.91	5.19	152.55	3.38	7.62	151.89	9.32
12/06/00	7.72	151.32	5.54	7.62	151.14	8.33	3.91	151.03	2.99*	5.78	151.96	4.17*	6.02	153.49	5.26
01/08/01	7.57	151.47	4.03	NM	NM	NM	3.50	151.44	0.81	5.55	152.19	1.09	7.81	151.70	7.47
02/19/01	6.96	152.18	6.41	NM	NM	NM	NM	NM	NM	5.01	152.73	8.53	7.20	152.31	3.43
03/28/01	6.38	152.66	NM	6.18	152.58	NM	2.75	152.19	20.48*	4.50	153.24	17.84*	6.70	152.81	NM
4/19-4/20/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
05/16/01	7.05	152.09	1.42	6.79	151.97	0.93	3.00	151.94	1.79	5.05	152.69	0.94	7.41	152.10	3.86
6/20-6/21/01	7.09	151.95	1.01	6.93	151.83	0.58	3.71	151.23	0.53	5.24	152.50	0.69	7.36	152.15	4.99
07/30/01	7.67	151.37	0.83	7.45	151.31	0.57	3.63	151.31	0.69	6.04	151.70	0.73	7.97	151.54	4.39
08/16/01	7.94	151.10	0.71	7.79	150.97	0.39	3.90	151.04	0.45	6.33	151.41	0.98	8.24	151.27	2.09
09/10/01	8.26	150.78	0.77	8.01	150.75	0.84	4.30	150.64	0.59	6.98	150.76	0.67	8.55	150.96	1.35
10/31/01	8.35	150.69	0.48	8.14	150.62	0.68	4.20	150.74	0.44	6.64	151.10	0.60	8.72	150.79	0.78
11/29/01	8.60	150.44	2.56	8.34	150.42	1.17	NM	NM	NM	6.93	150.81	0.66	8.93	150.58	0.69
12/13/01	8.68	150.36	1.67	8.35	150.41	NM	4.64	150.30	0.55	7.28	150.46	0.16	8.96	150.55	NM
01/17/02	8.53	150.51	2.98	8.28	150.48	1.20	4.40	150.54	0.61	6.85	150.89	0.70	8.87	150.64	1.20
02/21/02	8.52	150.52	2.57	8.24	150.52	1.26	4.43	150.51	1.10	6.89	150.85	1.14	8.88	150.63	0.97
03/20/02	8.55	150.49	1.71	8.30	150.46	0.57	4.40	150.54	0.39	6.90	150.84	0.41	8.92	150.59	0.59
04/17/02	8.22	150.82	1.59	7.94	150.82	1.58	3.93	151.01	1.19	6.45	151.29	1.74	8.50	151.01	0.87
05/22/02	7.15	151.83	1.78	6.93	151.83	1.47	3.16	151.78	1.81	5.57	152.17	1.05	7.42	152.09	6.42
09/23&24/02	7.76	151.22	0.36	7.55	151.21	0.28	3.68	151.26	0.35	6.06	151.68	0.39	8.07	151.44	1.84
10/21/02	6.69	152.29	5.98	6.52	152.24	0.72	2.81	152.13	0.47	5.13	152.61	1.20	6.91	152.60	7.85
11/15/02	7.15	151.83	4.33	6.93	151.83	1.01	3.25	151.69	1.16	5.48	152.26	1.13	7.43	152.08	7.99
12/17/02	5.92	153.06	1.04	5.75	153.01	1.24	2.03	152.91	1.23	4.28	153.46	1.38	6.15	153.36	0.72
01/17/03	6.25	152.73	0.53	6.02	152.74	0.52	2.21	152.73	0.93	4.44	153.30	0.47	6.60	152.91	0.73
02/12/03	6.43	152.55	0.74	6.05	152.71	1.01	2.01	152.93	0.48	5.87	151.87	0.59	6.81	152.70	0.85
03/20/03	5.46	153.52	1.01	5.26	153.50	0.63	0.98	153.96	0.52	3.78	153.96	0.46	3.87	155.64	0.63
04/21/03	6.05	152.93	0.97	5.25	153.51	1.14	2.25	152.69	2.54	4.20	153.54	2.01	6.40	153.11	1.43
05/28/03	New Lock	New Lock	New Lock	New Lock	New Lock	New Lock	2.60	152.34	0.37	4.66	153.08	0.40	NG (Lock)	NG (Lock)	NG (Lock)
07/09/03	6.41	152.57	0.82	6.25	152.51	1.22	2.82	152.12	0.58	4.85	152.89	0.67	6.65	152.86	2.23
09/03/03	6.41	152.57	0.54	6.23	152.53	0.48	2.71	152.23	0.85	4.81	152.93	0.87	6.63	152.88	1.02
10/16/03	6.68	152.30	0.87	6.50	152.26	1.90	3.76	151.18	0.76	5.02	152.72	0.41	6.98	152.53	5.25
01/22/04	6.37	152.61	4.19	6.28	152.48	2.14	5.61	149.33	7.25	5.29	152.45	0.69	6.69	152.82	6.46
05/06/04	6.84	152.20	0.62	6.70	152.06	0.34	3.53	151.41	0.02	5.33	152.41	0.20	7.15	152.36	5.30
06/03/04	NM	NM	NM	7.01	151.75	NM	3.35	151.59	NM	NM	NM	NM	NM	NM	NM
07/21/04	7.89	151.15	1.96	7.67	151.09	0.05	4.10	150.84	0.01	6.51	151.23	0.05	8.24	151.27	0.54
10/21/04	6.54	152.50	0.81	6.37	152.39	0.44	2.90	152.04	0.34	5.46	152.28	0.32	6.88	152.63	0.50
01/13/05	5.83	153.21	4.50	5.66	153.10	0.66	2.56	152.38	0.98	4.00	153.74	0.37	6.12	153.39	5.38
04/26/05	6.18	152.86	0.92	6.20	152.56	0.98	3.00	151.94	1.01	4.10	153.64	1.13	6.15	153.36	0.73
07/13/05	7.00	152.04	0.52	6.85	151.91	0.21	4.30	150.64	0.23	6.65	151.09	0.33	7.39	152.12	3.10
10/26/05	4.85	154.19	2.08	4.57	154.19	0.76	1.73	153.21	0.39	2.98	154.76	0.24	5.30	154.21	6.22
04/27/06	6.38	152.66	0.21	6.28	152.48	0.13	6.72	148.22	4.13	4.42	153.32	0.13	6.64	152.87	3.21
10/24/06	7.11	151.93	0.77	6.77	151.99	1.85	3.42	151.52	0.26	5.10	152.64	0.25	7.28	152.23	2.21

Notes:

1. Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
2. **Red** = corrected groundwater elevation measurement.
3. All groundwater measurements reported in feet (ft).
4. DO = Dissolved Oxygen reported in milligram per liter (mg/L).
5. ** Well removed from sampling protocol November 2003.
6. NM = Not Measured
7. NI = Not installed as of this date
8. * = DO measurement incorrect due to malfunctioning meter

Table 4
Former Flagship Hangar Facility
Historical Groundwater Depths, Elevations and Dissolved Oxygen Measurements

	A-40S			A-41S			A-42S			A-43S			A-44S		
	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
12/30/96	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
04/02/97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
05/21/99	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
02/09/00	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
06/28/00	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
08/03/00	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
08/10/00	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
08/31/00	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
09/21/00	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
10/16/00	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
11/13/00	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
12/06/00	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
01/08/01	NM	NM	NM	8.10	152.54	1.79	NM	NM	NM	NM	NM	NM	NM	NM	NM
02/19/01	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
03/28/01	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
05/16/01	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	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
07/30/01	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
08/16/01	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
09/10/01	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
10/31/01	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
11/29/01	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
12/13/01	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
01/17/02	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
02/21/02	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
03/20/02	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
04/17/02	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
05/22/02	8.25	152.78	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&24/02	9.43	151.60	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
10/21/02	8.40	152.63	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
11/15/02	8.72	152.31	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
12/17/02	7.40	153.63	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
01/17/03	7.42	153.61	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
02/12/03	6.70	154.33	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
03/20/03	6.75	154.28	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
04/21/03	7.14	153.89	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
05/28/03	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
07/09/03	7.20	153.83	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
09/03/03	7.29	153.74	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
10/16/03	7.45	153.58	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
01/22/04	9.78	151.25	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
05/06/04	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
06/03/04	8.03	153.00	NM	7.79	152.85	NM	6.45	152.95	NM	5.19	152.70	NM	NM	NM	NM
07/21/04	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
10/21/04	9.24	151.79	0.73	7.71	152.93	0.66	3.34	156.06	9.97	4.96	152.93	4.61	4.18	151.15	0.47
01/13/05	7.05	153.98	0.30	6.40	154.24	0.27	5.10	154.30	0.17	3.59	154.30	0.32	3.86	151.47	0.12
04/26/05	7.25	153.78	0.98	7.08	153.56	0.81	4.82	154.58	1.33	4.39	153.50	0.97	4.24	151.09	0.58
07/13/05	12.75	148.28	5.74	7.71	152.93	0.66	11.01	148.39	7.21	7.21	150.68	0.23	4.87	150.46	0.43
10/26/05	5.80	155.23	0.21	5.41	155.23	0.19	3.58	155.82	0.39	2.75	155.14	0.23	4.92	150.41	0.35
04/27/06	7.68	153.35	0.18	7.54	153.10	0.16	7.71	151.69	0.14	5.44	152.45	0.15	4.55	150.78	0.79
10/24/06	7.67	153.36	0.79	7.51	153.13	0.93	7.65	151.75	0.98	4.83	153.06	0.55	4.77	150.56	0.57

Notes:

1. Joint water level gauging on former Flagship and IBM properties began on June 28, 2000, therefore, Shaw did not collect prior to this date.
2. **Red** = corrected groundwater elevation measurement.
3. All groundwater measurements reported in feet (ft).
4. DO = Dissolved Oxygen reported in milligram per liter (mg/L).
5. ** Well removed from sampling protocol November 2003.
6. NM = Not Measured
7. NI = Not installed as of this date
8. * = DO measurement incorrect due to malfunctioning meter

Table 5
Groundwater Analytical Results
October 24, 2006
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-14	ME-18	ME-19	MW-2	MW-6 ⁽²⁾	MW-8	MW-9/10R	MW-20	DG-1	DUP 1 (DG-1)	A-26S	A-27S	A-42S	A-43S
Dissolved Oxygen (ppm)	--	0.63	0.24	2.78	1.13	4.15	NS	0.44	5.25	4.35	0.39	0.39	0.26	0.25	0.98	0.55
Volatile Organic Compound by ASP/CLP Method (µg/L)																
1,1-Dichloroethane	5	1U	1U	1U	1U	1U	NS	1U	1U	1U	1U	1U	7	1	0.4 J	0.7 J
1,1-Dichloroethene ⁽⁴⁾	5	1U	1U	1U	1U	1U	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U
cis-1,2-Dichloroethene ⁽⁴⁾	5	1U	1U	1U	1U	1U	NS	0.3 J	1U	1U	1U	1U	0.3 J	3	1	0.5 J
trans-1,2-Dichloroethene ⁽⁴⁾	5	1U	1U	1U	1U	1U	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,2-Dichloroethene, Total	5	2U	2U	2U	2U	2U	NS	2U	2U	2U	2U	2U	2U	3	1J	2U
Chlorobenzene	5	1U	1U	1U	1U	1U	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U
Chloroethane	5	1U	1U	1U	1U	1U	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1,1-Trichloroethane	5	1U	1U	1U	1U	1U	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	5	1U	0.7 J	1U	0.9 J	1U	NS	1U	1U	1U	1U	1U	1U	1	1U	1U
Trichloroethene	5	1U	1U	1U	1U	1U	NS	1U	1U	1U	1U	1U	1U	0.3 J	1U	1U
Toluene	5	1U	1U	1U	1U	1U	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U
Vinyl Chloride	2	1U	1U	1U	1U	1U	NS	1U	1U	1U	1U	1U	1U	1U	1U	1U
Semi-Volatile Organic Compound by ASP/CLP Method (µg/L)																
Phenol	1 ⁽³⁾	5U	5U	5U	5U	5U	NS	5U	5U	5U	5U	5U	5U	5U	5U	5U
4-Methylphenol	1 ⁽³⁾	5U	5U	5U	5U	5U	NS	5U	5U	5U	5U	5U	5U	5U	5U	5U
Naphthalene	10	5U	5U	5U	5U	5U	NS	5U	5U	5U	5U	5U	2 BJ	0.6 BJ	0.4 BJ	0.4 BJ

Notes:

BOLD values indicate detections above laboratory detection limit.

7 = Compound detected above NYSDEC standard

(1) - NYSDEC Standards has taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) - Car parked on top of well; unable to sample.

(3) - The collective sum of all phenol compounds should not exceed 1 µg/L.

(4) - Additional analyte reported as per request by IBM.

J = Indicates estimated value which is less than the sample quantitation limit, but greater than zero.

U = Indicates compound was analyzed for, but not detected.

B = Indicates analyte was found in the associated blank, as well as in the sample.

NA = Not Available

NS = Not Sampled

Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	ME-12											
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/07/00	03/29/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	10U	5U	NS	NS	10U	NS	NS
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	10U	5U	NS	NS	10U	NS	NS
Trichloroethene	5	10U	10U	10U	10U	10U	10U	5U	NS	NS	10U	NS	NS
Tetrachloroethene	5	10U	10U	10U	10U	10U	10U	5U	NS	NS	10U	NS	NS
Toluene	5	10U	10U	10U	10U	10U	10U	5U	NS	NS	10U	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	9U	9U	10U	9U	10U	10U	NS	NS	10U	NS	NS

Volatile Organic	NYSDEC	ME-12											
Compounds of Concern	Standard ⁽¹⁾	10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06	
1,1-Dichloroethane	5	1U	1U	NS	1U	1U	1U	NS	1U	1U	1U	1U	
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	1U	
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	1U	
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NS	NA	NA	NA	1U	
1,1,1-Trichloroethane	5	1U	1U	NS	1U	1U	1U	NS	1U	1U	1U	1U	
Trichloroethene	5	1U	1U	NS	1U	1U	1U	NS	1U	1U	1U	1U	
Tetrachloroethene	5	1U	1U	NS	1U	1U	1U	NS	1U	1U	1U	1U	
Toluene	5	1U	1U	NS	NA	NA	NA	NS	1U	1U	1U	1U	
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	5U	5U	NS	5U	5U	5U	NS	5U	5U	5U	5U	

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

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.

R = Data unusable (compound may or may not be present).

NS = Not Sampled

ND = Not Detected

NA = Not Analyzed

** = NO LONGER sampled per ROD

ME-13**									
05/20/99	06/28/00	09/21/00	12/06/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02
10U	10U	10U	10U	10U	10U	5U	NS	NS	10U
NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
10U	10U	10U	10U	10U	10U	5U	NS	NS	10U
10U	10U	10U	10U	10U	10U	5U	NS	NS	10U
10U	10U	10U	10U	10U	10U	5U	NS	NS	10U
10U	10U	10U	10U	10U	10U	5U	NS	NS	10U
10U	10U	10U	10U	10U	10U	5U	NS	NS	10U
10U	9U	9U	9U	9U	10UR	10U	NS	NS	NS

Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	ME-14											
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/06/00	03/29/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
Tetrachloroethene	5	1 J	6 J	2 J	10U	10U	5U	5U	NS	NS	10U	NS	NS
Toluene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	9U	9U	10U	9U	10U	10U	NS	NS	10U	NS	NS

Volatile Organic	NYSDEC	ME-14											
Compounds of Concern	Standard ⁽¹⁾	10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06	
1,1-Dichloroethane	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
1,1,1-Trichloroethane	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
Trichloroethene	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
Tetrachloroethene	5	2	0.5 J	0.7 J	0.6 J	1U	1U	1U	0.6 J	1	0.6 J	0.7 J	
Toluene	5	1U	NA	NA	NA	NA	NA	NA	1U	1U	1U	1U	
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

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.

R = Data unusable (compound may or may not be present).

NS = Not Sampled

ND = Not Detected

NA = Not Analyzed

** = NO LONGER sampled per ROD

ME-15**									
05/20/99	06/28/00	09/21/00	12/06/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
10U	0.7J	9UJ	9U	10U	10U	10U	NS	NS	10U

10U	0.7J	9UJ	9U	10U	10U	10U	NS	NS	10U
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Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	ME-16									
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/06/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
Toluene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
Semi-Volatile Organic											
Compound of Concern											
Naphthalene	10	10U	10U	50U	10U	47U	10U	10U	NS	NS	10U

Volatile Organic	NYSDEC
Compounds of Concern	Standard ⁽¹⁾
1,1-Dichloroethane	5
1,1-Dichloroethene ⁽²⁾	5
cis-1,2-Dichloroethene ⁽²⁾	5
trans-1,2-Dichloroethene ⁽²⁾	5
1,1,1-Trichloroethane	5
Trichloroethene	5
Tetrachloroethene	5
Toluene	5
Semi-Volatile Organic	
Compound of Concern	
Naphthalene	10

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

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.

R = Data unusable (compound may or may not be present).

NS = Not Sampled

ND = Not Detected

NA = Not Analyzed

** = NO LONGER sampled per ROD

ME-18											
05/20/99	06/28/00	09/21/00	12/07/00	03/29/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
6J	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NS	NS
NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NS	NS
NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NS	NS
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
11	5J	9U	10U	9U	10U	10U	NS	NS	11U	NS	NS

ME-18										
10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06
1U	1U	1U	1U	1U	1U	1U	1U	NS	1U	1U
NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	1U
NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	1U
NA	NA	NA	NA	NA	NA	NA	NA	NS	NA	1U
1U	1U	1U	1U	1U	1U	1U	1U	NS	1U	1U
1U	1U	1U	1U	1U	1U	1U	1U	NS	1U	1U
1U	1U	1U	1U	1U	1U	1U	1U	NS	1U	1U
1U	NA	NA	NA	NA	NA	NA	1U	NS	1U	1U
5U	5U	5U	5U	5U	5U	5U	5U	NS	5U	5U

Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	ME-19											
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/06/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
1,1-Dichloroethane	5	11	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
Tetrachloroethene	5	3J	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
Toluene	5	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	30	9U	1J	10U	6J	10U	2J	10U	10U	10U	10U	10U

Volatile Organic	NYSDEC	ME-19										
Compounds of Concern	Standard ⁽¹⁾	10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06
1,1-Dichloroethane	5	0.3J	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
1,1,1-Trichloroethane	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	5	1U	2	1	2	8	8	1U	5	3	0.9 J	0.9 J
Toluene	5	1U	NA	NA	NA	NA	NA	NA	1U	1U	1U	1U
Semi-Volatile Organic												
Compound of Concern												
Napthalene	10	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

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.

R = Data unusable (compound may or may not be present).

NS = Not Sampled

ND = Not Detected

NA = Not Analyzed

** = NO LONGER sampled per ROD

MW-1	05/20/99	06/28/00	09/21/00	12/06/00	03/29/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02
	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA
	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U
	10U	9U	9U	10U	9U	10U	10U	NS	NS	10U

Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	MW-2											
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/07/00	03/29/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NS	NS
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NS	NS
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NS	NS
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
Toluene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	10U	9U	9U	10U	10U	10U	10U	NS	NS	10U	NS	NS

Volatile Organic	NYSDEC	MW-2											
Compounds of Concern	Standard ⁽¹⁾	10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06	
1,1-Dichloroethane	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
1,1,1-Trichloroethane	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
Trichloroethene	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
Tetrachloroethene	5	1U	1U	0.4 J	1U	1U	1U	1U	1U	1U	1U	1U	
Toluene	5	1U	NA	NA	NA	NA	NA	NA	1U	1U	1U	1U	
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	5U	5U	5U	5U	5U	6U	5U	5U	5U	5U	5U	

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

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.

R = Data unusable (compound may or may not be present).

NS = Not Sampled

ND = Not Detected

NA = Not Analyzed

** = NO LONGER sampled per ROD

MW-6											
05/20/99	06/28/00	09/21/00	12/07/00	03/29/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
4 J	5 J	18	10U	10U	5U	5U	10	10U	10U	1U	1U
10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
39	10	9U	10U	10U	10U	10U	40	10U	62	1U	10U

MW-6										
10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	NS
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	NS
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	NS
2	2	0.3 J	2	1U	1U	1U	1	0.3 J	1U	NS
1U	NA	NA	NA	NA	NA	NA	1U	1U	1U	NS
2 J	5	5U	5U	5U	16	5U	29	5	0.4 J	NS

2 J	5	5U	5U	5U	16	5U	29	5	0.4 J	NS
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Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	MW-7A**										
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/07/00	03/29/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	
Toluene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	
Semi-Volatile Organic												
Compound of Concern												
Naphthalene	10	10U	9U	9U	10U	9U	10U	1J	NS	NS	10U	

Volatile Organic	NYSDEC
Compounds of Concern	Standard ⁽¹⁾
1,1-Dichloroethane	5
1,1-Dichloroethene ⁽²⁾	5
cis-1,2-Dichloroethene ⁽²⁾	5
trans-1,2-Dichloroethene ⁽²⁾	5
1,1,1-Trichloroethane	5
Trichloroethene	5
Tetrachloroethene	5
Toluene	5
Semi-Volatile Organic	
Compound of Concern	
Naphthalene	10

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

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.

R = Data unusable (compound may or may not be present).

NS = Not Sampled

ND = Not Detected

NA = Not Analyzed

** = NO LONGER sampled per ROD

MW-8												
05/20/99	06/28/00	09/21/00	12/07/00	03/29/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03	
10U	10U	1J	2J	2J	5U	2J	10U	10U	10U	0.6J	0.8J	
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U	
10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U	
10U	3J	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U	
10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U	
10U	7J	9U	9U	10U	10U	10U	10U	10U	10U	10U	10U	

MW-8										
10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06
0.5 J	0.6 J	0.4 J	0.4 J	1U	1U	1U	0.5 J	1U	0.4 J	1U
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.3J
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1U	1U	0.3J	1U	1U	1U	1U	1U	1U	1U	1U
1U	NA	NA	NA	NA	NA	NA	1U	1U	1U	1U
5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U

Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	MW-9 ⁽³⁾							
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/07/00	03/29/01	06/20/01	09/10/01	01/17/02
1,1-Dichloroethane	5	530	99	170J	160J	20J	210	190	200U
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	150	24	45J	25J	200U	61	27	200U
Trichloroethene	5	10U	2J	200U	200U	200U	25U	5U	200U
Tetrachloroethene	5	490	56D	680	260	210	340	240	280
Toluene	5	40U	9J	25J	200U	200U	30	22	200U

Semi-Volatile Organic

Compound of Concern

Naphthalene	10	1100D	710D	9600D	2200D	1000D	3300UR	1200	170
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Volatile Organic	NYSDEC	MW-9 ⁽³⁾					
Compounds of Concern	Standard ⁽¹⁾	05/22/02	09/24/02	01/18/03	05/28/03	10/16/03	01/22/04
1,1-Dichloroethane	5	7J	10U	7J	3J	4J	(3)
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	(3)
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	(3)
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	(3)
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	(3)
Trichloroethene	5	10U	10U	10U	10U	10U	(3)
Tetrachloroethene	5	74	70	95	34	84	(3)
Toluene	5	2J	10U	4J	10U	10U	(3)

Semi-Volatile Organic

Compound of Concern

Naphthalene	10	340D	260	1200D	96U	810E	(3)
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Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

(3) = Well removed in October 2003 and replaced with MW-9/10R.

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.

R = Data unusable (compound may or may not be present).

NS = Not Sampled

ND = Not Detected

NI = Monitoring well not installed as of this date

NA = Not Analyzed

** = No Longer sampled per ROD

MW-10 ⁽³⁾							
05/20/99	06/28/00	09/21/00	12/07/00	03/29/01	06/20/01	09/10/01	01/17/02
61	39J	8J	5J	10J	11	27	7J
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
NA	NA	NA	NA	NA	NA	NA	NA
29	40U	40U	40U	5J	25U	1J	4J
13J	40U	40U	40U	40U	25U	25U	10U
250	40U	36J	52	44	53	97	74
10U	40U	40U	10U	40U	3J	5	10U

19	88	140	410	52U	3200J	430	55
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MW-10 ⁽³⁾					
05/22/02	09/24/02	01/18/03	05/28/03	10/16/03	01/22/04
10U	10U	3J	10U	10U	(3)
NA	NA	NA	NA	NA	(3)
NA	NA	NA	NA	NA	(3)
NA	NA	NA	NA	NA	(3)
10U	10U	10U	10U	10U	(3)
10U	10U	10U	10U	10U	(3)
43	26	54	71	63	(3)
10U	10U	10U	10U	10U	(3)

8JD	10U	530D	1200D	490E	(3)
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Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	MW-9/10R									
Compounds of Concern	Standard ⁽¹⁾	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	
1,1-Dichloroethane	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	
Trichloroethene	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	
Tetrachloroethene	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	
Toluene	5	NA	NA	NA	NA	NA	NA	1U	1U	1U	
Semi-Volatile Organic											
Compound of Concern											
Naphthalene	10	5U	5U	5U	5U	5U	5U	5U	5U	5U	

Volatile Organic	NYSDEC	MW-9/10R	
Compounds of Concern	Standard ⁽¹⁾	10/24/06	
1,1-Dichloroethane	5	1U	
1,1-Dichloroethene ⁽²⁾	5	1U	
cis-1,2-Dichloroethene ⁽²⁾	5	1U	
trans-1,2-Dichloroethene ⁽²⁾	5	1U	
1,1,1-Trichloroethane	5	1U	
Trichloroethene	5	1U	
Tetrachloroethene	5	1U	
Toluene	5	1U	
Semi-Volatile Organic			
Compound of Concern			
Naphthalene	10	5U	

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

U = Indicates compound was analyzed for but not detected above the laboratory reporting limit.

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

R = Data unusable (compound may or may not be present)

NS = Not Sampled

ND = Not Detected

NI = Monitoring well not installed as of this date

NA = Not Analyzed

** = No Longer sampled per ROD

MW-20	05/20/99	06/28/00	09/21/00	12/07/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
NI	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NI	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
NI	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
NI	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
NI	10U	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U

NI	57	9U	10U	9U	10U	10U	10U	10U	60	10U	10U	
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MW-20	10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1U	NA	NA	NA	NA	NA	NA	NA	1U	1U	1U	1U

5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	
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Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	DG-1												
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/06/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03	
1,1-Dichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS	
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NS	NS	
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NS	NS	
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NS	NS	NA	NS	NS	
1,1,1-Trichloroethane	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS	
Trichloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS	
Tetrachloroethene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS	
Toluene	5	10U	10U	10U	10U	10U	5U	5U	NS	NS	10U	NS	NS	
Semi-Volatile Organic														
Compound of Concern														
Naphthalene	10	10U	9U	9U	9U	9U	10U	10U	NS	NS	10U	NS	NS	

Volatile Organic	NYSDEC	DG-1											
Compounds of Concern	Standard ⁽¹⁾	10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06	
1,1-Dichloroethane	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
1,1,1-Trichloroethane	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
Trichloroethene	5	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
Tetrachloroethene	5	1U	1U	1U	1U	1U	1U	1U	1U	0.3 J	1U	1U	
Toluene	5	1U	NA	NA	NA	NA	NA	NA	1U	1U	1U	1U	
Semi-Volatile Organic													
Compound of Concern													
Naphthalene	10	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

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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

R = Data unusable (compound may or may not be present)

NS = Not Sampled

ND = Not Detected

NI = Monitoring well not installed as of this date

NA = Not Analyzed

** = No Longer sampled per ROD

Septic Tank/Sanitary Sewer**							
05/20/99	06/28/00	09/21/00	12/06/00	03/29/01	06/20/01	09/10/01	01/17/02
10U	NS	10UJ	10U	10U	5U	5U	NS
NA	NS	NA	NA	NA	NA	NA	NS
NA	NS	NA	NA	NA	NA	NA	NS
NA	NS	NA	NA	NA	NA	NA	NS
10U	NS	10UJ	10U	10U	5U	5U	NS
10U	NS	10UJ	10U	10U	5U	5U	NS
10U	NS	10UJ	10U	10U	5U	5U	NS
10U	NS	10UJ	10U	10U	5U	5U	NS
10U	NS	10UJ	10U	10U	5U	5U	NS
10U	NS	9UR	10U	10U	10U	10U	NS

Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic	NYSDEC	A-8S**										
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/06/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	
1,1-Dichloroethane	5	NI	10U	10U	10U	10U	5U	5U	NS	NS	10U	
1,1-Dichloroethene ⁽²⁾	5	NI	NA	NA	NA	NA	NA	NA	NS	NS	NA	
cis-1,2-Dichloroethene ⁽²⁾	5	NI	NA	NA	NA	NA	NA	NA	NS	NS	NA	
trans-1,2-Dichloroethene ⁽²⁾	5	NI	NA	NA	NA	NA	NA	NA	NS	NS	NA	
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	5U	NS	NS	10U	
Trichloroethene	5	NI	10U	10U	10U	10U	5U	5U	NS	NS	10U	
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	5U	NS	NS	10U	
Toluene	5	NI	10U	10U	10U	10U	5U	5U	NS	NS	10U	
Semi-Volatile Organic												
Compound of Concern												
Naphthalene	10	NI	9U	9UJ	9U	9U	10U	10U	NS	NS	10U	

Volatile Organic	NYSDEC
Compounds of Concern	Standard ⁽¹⁾
1,1-Dichloroethane	5
1,1-Dichloroethene ⁽²⁾	5
cis-1,2-Dichloroethene ⁽²⁾	5
trans-1,2-Dichloroethene ⁽²⁾	5
1,1,1-Trichloroethane	5
Trichloroethene	5
Tetrachloroethene	5
Toluene	5
Semi-Volatile Organic	
Compound of Concern	
Naphthalene	10

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

U = Indicates compound was analyzed for but not detected above the laboratory reporting limit.

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

R = Data unusable (compound may or may not be present)

NS = Not Sampled

ND = Not Detected

NI = Monitoring well not installed as of this date

NA = Not Analyzed

** = No Longer sampled per ROD

A-26S												
	05/20/99	06/28/00	09/21/00	12/07/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
NI	14	16	17	14	17	16	14	17		10U	1U	14
NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	1U	1U
NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	1U	1U
NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	1U	1U
NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	10U	1U	1U

NI	9U	9UJ	10U	10U	10U	10U	12U	10U	10U	10U	10U	10U
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A-26S											
	10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06
12	1U	13	13	12	10	10	9	12	8	7	
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.3 J	
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U	
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	
1U	NA	NA	NA	NA	NA	NA	1U	1U	1U	1U	

5U	5U	5U	5U	5U	5U	5U	5U	5U	5U	2 BJ	
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Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatile Organic		NYSDEC A-27S												
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/07/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03	
1,1-Dichloroethane	5	NI	2 J	3 J	4 J	4 J	3 J	5U	2 J	10U	10U	2	2	
1,1-Dichloroethene ⁽²⁾	5	NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
cis-1,2-Dichloroethene ⁽²⁾	5	NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
trans-1,2-Dichloroethene ⁽²⁾	5	NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
1,1,1-Trichloroethane	5	NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U	
Trichloroethene	5	NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U	
Tetrachloroethene	5	NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U	
Toluene	5	NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U	
Semi-Volatile Organic														
Compound of Concern														
Naphthalene	10	NI	83 D	1 J	18	23	40 U	9 J	4 J	6 J	10U	10U	2 J	

[illegible]

Notes:

All data presented in $\mu\text{g/L}$.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

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[illegible]

Table 6
Summary of Historical Water Quality Results
Former Flagship Airlines Hangar - Dutchess County Airport
Order On Consent No: 3-0837-98-12, NYSDEC Site No: 3-14-101

Volatiles Organic	NYSDEC	A-42S											
Compounds of Concern	Standard ⁽¹⁾	05/20/99	06/28/00	09/21/00	12/07/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
1,1-Dichloroethane	5	NI	40U	11	16 J	4 J	2 J	11	21	11	5 J	5	4U
1,1-Dichloroethene ⁽²⁾	5	NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene ⁽²⁾	5	NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene ⁽²⁾	5	NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	5	NI	40U	10U	40U	10U	5U	5U	10U	10U	10U	1U	4U
Trichloroethene	5	NI	40U	10U	10U	10U	5U	5U	10U	10U	10U	1U	4U
Tetrachloroethene	5	NI	40U	10U	40U	10U	5U	5U	10U	10U	10U	1U	4U
Toluene	5	NI	8 J	22	15 J	2 J	4 J	8	10 J	10	10U	3	6

Semi-Volatile Organic

Compound of Concern													
Naphthalene	10	NI	760 D	1200 D	1100 D	550	770	480	1200	1300 D	870	250 D	1000 D

Volatile Organic	NYSDEC	A-42S										
Compounds of Concern	Standard ⁽¹⁾	10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06
1,1-Dichloroethane	5	5U	0.5 J	1	0.7 J	1U	2	1U	0.5 J	0.5 J	0.7 J	0.4 J
1,1-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
cis-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1
trans-1,2-Dichloroethene ⁽²⁾	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
1,1,1-Trichloroethane	5	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Trichloroethene	5	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Tetrachloroethene	5	5U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
Toluene	5	5U	NA	NA	NA	NA	NA	NA	1U	1U	1U	1U

Semi-Volatile Organic

Compound of Concern											
Naphthalene	10	350	5U	5U	5U	5U	5U	5U	5U	5U	0.4 BJ

Notes:

All data presented in µg/L.

Compounds of concern were noted in the Interim Remedial Measures Work Plan, June 7, 1999.

BOLD values indicate laboratory detections.

Laboratory data on this table includes third party validation.

(1) = NYSDEC Standards taken from Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.

(2) = Additional analyte reported as per request by IBM.

U = Indicates compound was analyzed for but not detected above the laboratory reporting limit.

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

R = Data unusable (compound may or may not be present)

NS = Not Sampled

ND = Not Detected

NI = Monitoring well not installed as of this date

NA = Not Analyzed

** = No Longer sampled per ROD

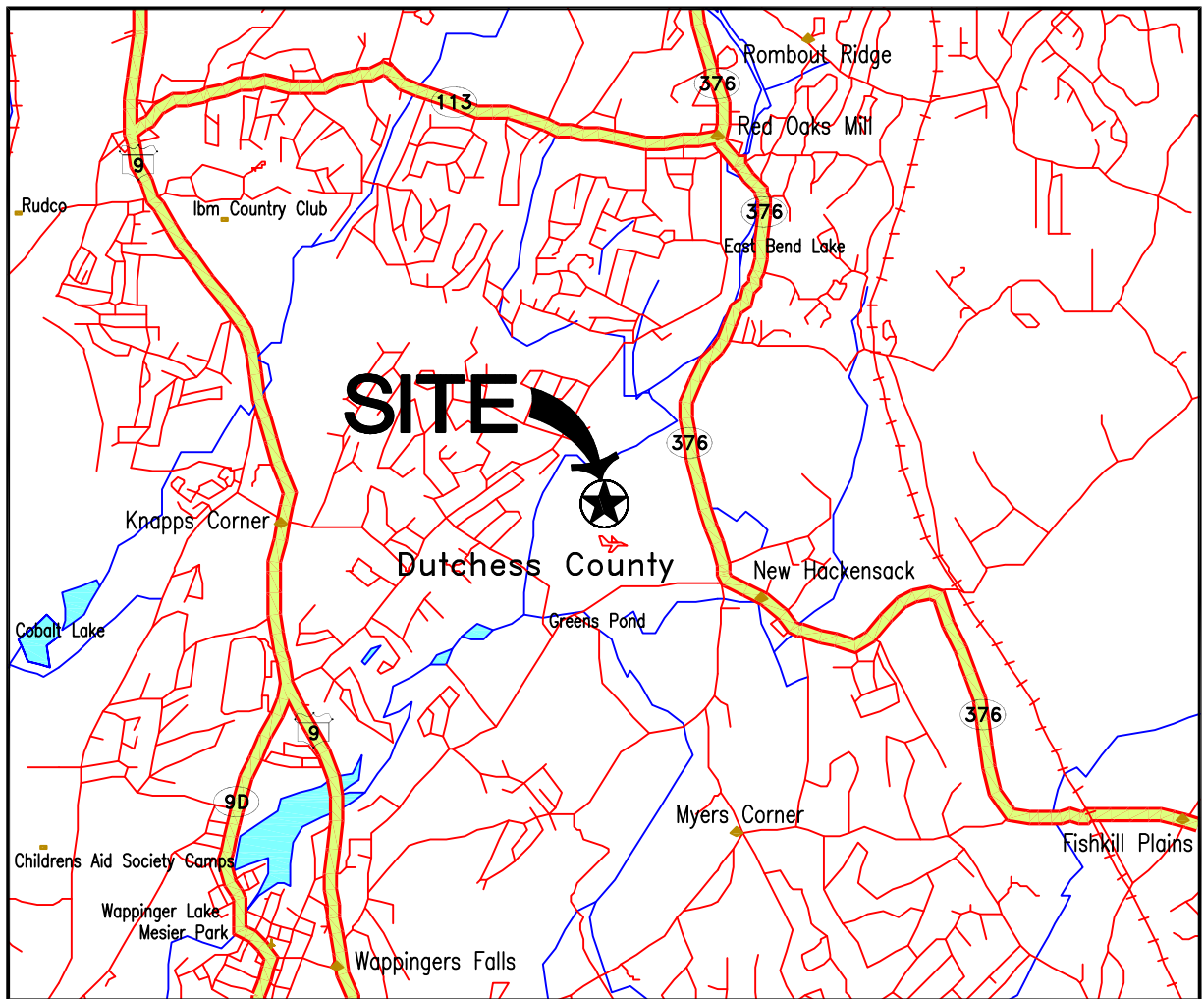
A-43S											
05/20/99	06/28/00	09/21/00	12/07/00	03/28/01	06/20/01	09/10/01	01/17/02	05/22/02	09/24/02	01/18/03	05/28/03
NI	2 J	1 J	1 J	2 J	5U	2 J	3 J	4 J	10U	5	3
NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NI	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U
NI	10U	10U	10U	10U	5U	5U	10U	10U	10U	1U	1U

A-43S										
10/16/03	01/22/04	05/06/04	07/21/04	10/21/04	01/13/05	04/26/05	07/13/05	10/26/05	04/27/06	10/24/06
3	0.8 J	1	1	1U	1U	1U	0.5 J	1	0.8 J	0.7 J
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.5 J
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1U
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1U	1U	1U	1U	1U	1U	1U	1U	1U	1U	1U
1U	1U	0.4 J	1U	1U	1U	1U	1U	1U	1U	1U
1U	NA	NA	NA	NA	NA	NA	1U	1U	1U	1U

2 J	5U	5U	5U	6U	5U	5U	5U	5U	5U	0.4 BJ
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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.



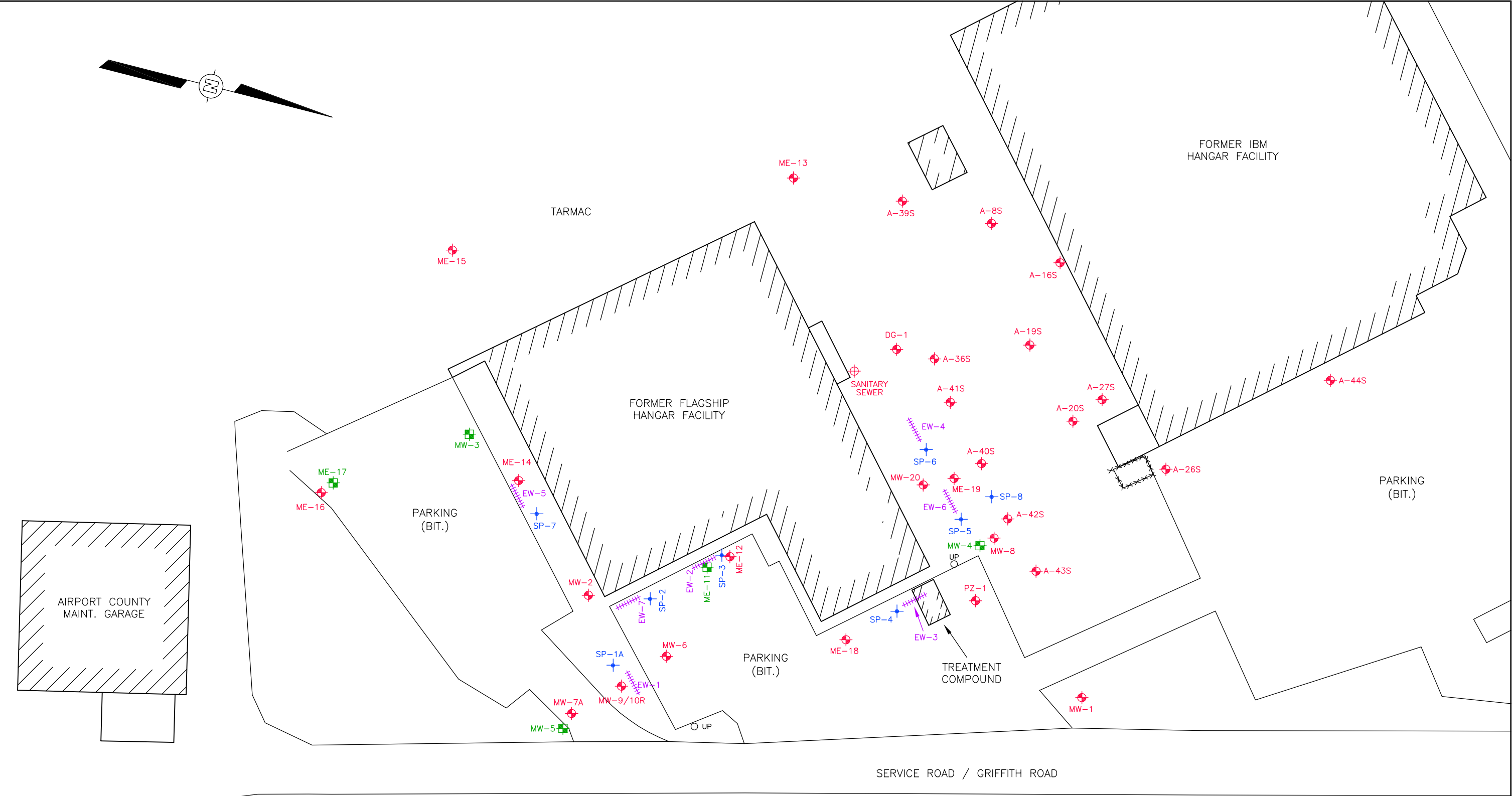
FLAGSHIP
AIRLINES, INC.
(DBA AMERICAN EAGLE)

FIGURE 1
SITE LOCATION MAP
DUTCHESS COUNTY AIRPORT
WAPPINGER FALLS, NEW YORK

OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
ALBANY, NY	07/01/05	T. PERRETTA	S. SHKOLNIK			820131D98

Xref: .
Image: .

L:\project\820131\820131D98.dwg
Plot Date/Time: 03/06/07 09:56am
Plotted by: Samuil.Shkolnik



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

LEGEND:

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



Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 2
WELL LOCATION MAP
DUTCHESS COUNTY AIRPORT
WAPPINGERS FALLS, NEW YORK



FIGURE 4
ANALYTICAL SUMMARY MAP (10/24/06)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

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

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

B	ANALYTE IS FOUND IN THE ASSOCIATED BLANK AS WELL AS IN THE SAMPLE.
J	INDICATES ESTIMATED VALUE WHICH IS LESS THAN THE SAMPLE QUANTATION LIMIT BUT GREATER THAN ZERO.
NS	NOT SAMPLED
U	NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS

S C A L E

0 20 40 60 FEET

OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
ALBANY, NY	01/24/07	T. PERRETTA	SSH/MJS			820131D118

Xref: .
Image: .



L:\project\820131\820131D118.dwg
Plot Date/Time: 03/06/07 09:59am
Plotted by: Samuil.Shkolnik

REFERENCE:

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

LEGEND:

- | | | | |
|---|----------------|---|---|
|  | SANITARY SEWER |  | EXTRACTION WELL |
|  | SHALLOW WELL |  | PROPERTY LINE (APPROXIMATE) |
|  | BEDROCK WELL | B | ANALYTE IS FOUND IN THE ASSOCIATED BLANK AS WELL AS IN THE SAMPLE. |
|  | SPARGE WELL | J | INDICATES ESTIMATED VALUE WHICH IS LESS THAN THE SAMPLE QUANTATION LIMIT BUT GREATER THAN ZERO. |
| | | NS | NOT SAMPLED |
| | | U | NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS |

S C A L E

0 20 40 60 FEET



Shaw® Shaw Environmental, Inc.

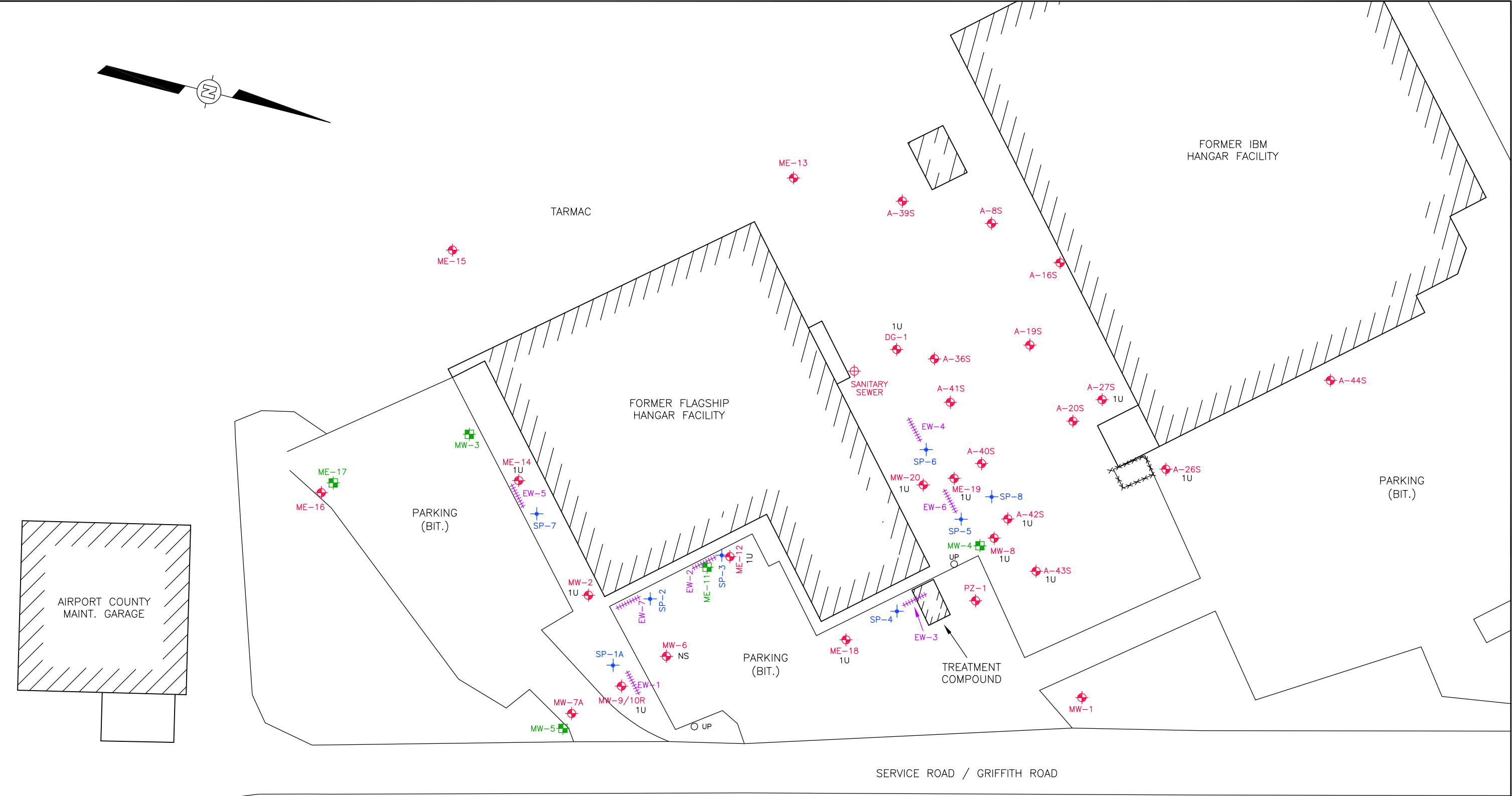
AMERICAN EAGLE AIRLINES

FIGURE 5
NAPHTHALENE ISOCHRON MAP (10/24/06)
DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

Xref: .
Image: .

L:\project\820131\820131D119.dwg
Plot Date/Time: 03/06/07 10:00am
Plotted by: Samuil.Shkolnik



REFERENCE:

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

LEGEND:

SANITARY SEWER

SHALLOW WELL

BEDROCK WELL

SPARGE WELL

EXTRACTION WELL

PROPERTY LINE (APPROXIMATE)

J

INDICATES ESTIMATED VALUE WHICH IS LESS THAN THE SAMPLE QUANTATION LIMIT BUT GREATER THAN ZERO.

U

NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS

NS

NOT SAMPLED

SCALE

0 20 40 60 FEET

Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 6

CHLOROETHANE ISOCHRON MAP (10/24/06)

DUTCHESS COUNTY AIRPORT

WAPPINGERS FALLS, NEW YORK

OFFICE	DATE	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY	DRAWING NUMBER
ALBANY, NY	01/24/07	T. PERRETTA	SSH/MJS			820131D120



Xref: .
Image: .

L:\project\820131\820131D120.dwg
Plot Date/Time: 03/06/07 10:01am
Plotted by: Samuill.Shkolnik

REFERENCE:

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

LEGEND:

+++++	EXTRACTION WELL
---	PROPERTY LINE (APPROXIMATE)
J	INDICATES ESTIMATED VALUE WHICH IS LESS THAN THE SAMPLE QUANTATION LIMIT BUT GREATER THAN ZERO.
U	NOT DETECTED ABOVE LABORATORY METHOD DETECTION LIMITS
NS	NOT SAMPLED



 **Shaw®** Shaw Environmental, Inc.

AMERICAN EAGLE AIRLINES

FIGURE 7
1,2-DICHLOROETHENE ISOCHRON MAP (10/24/06)
DUTCHESS COUNTY AIRPORT
WAPPINGERS FALLS, NEW YORK

Figure 8
Dissolved Tetrachloroethene (PCE)

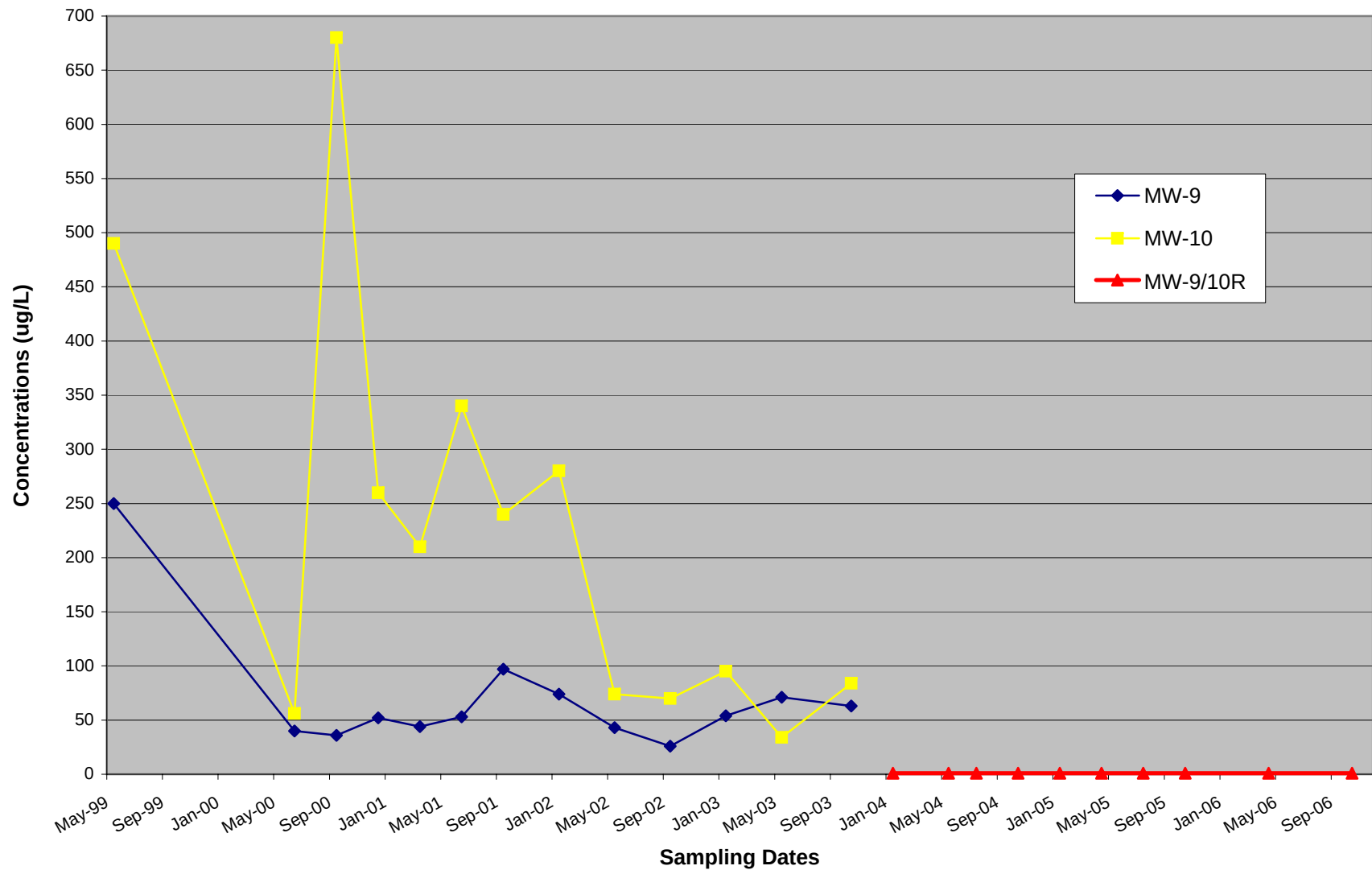


Figure 9
Dissolved 1,1-Dichloroethane

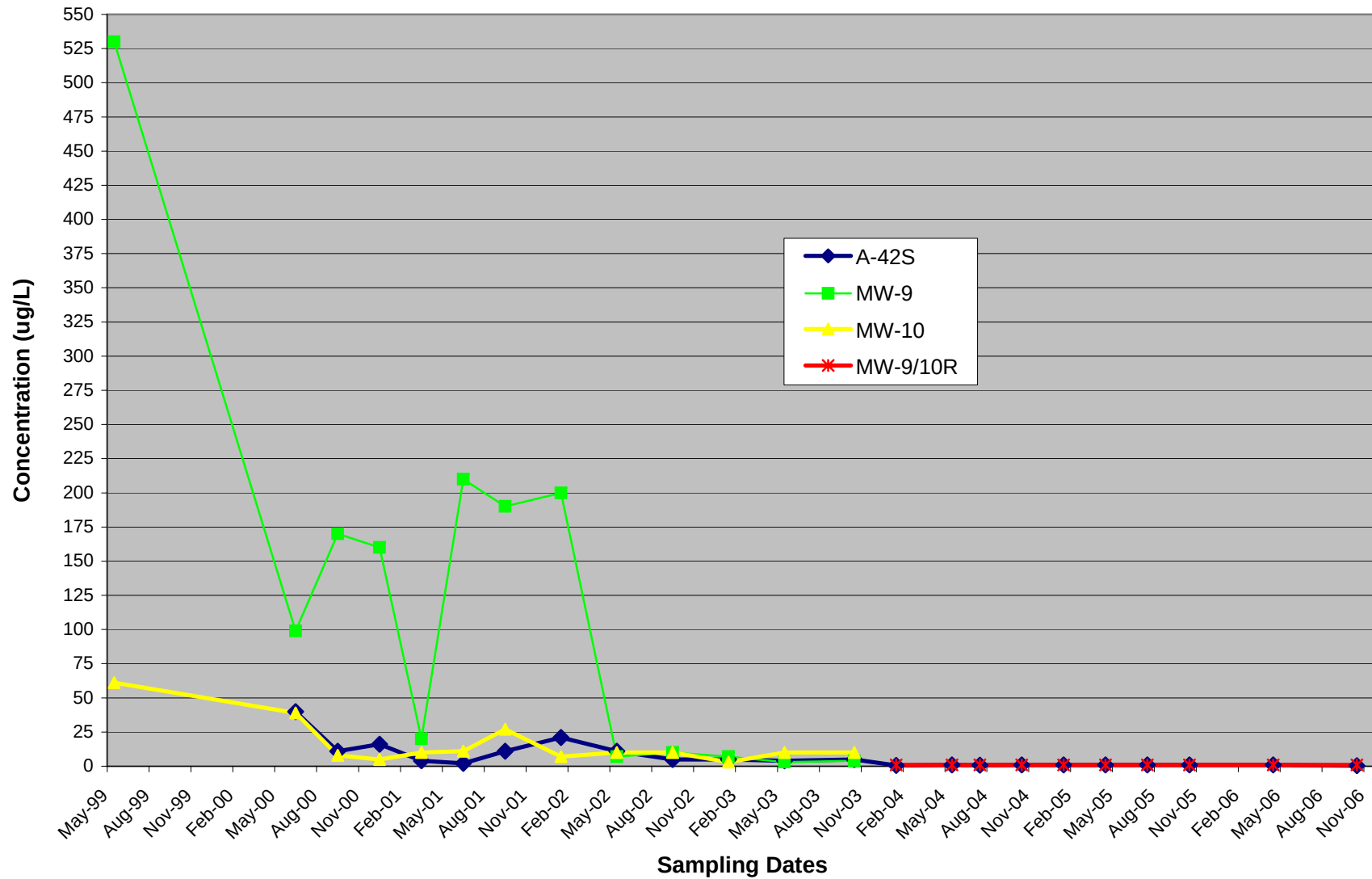


Figure 10
Dissoved Naphthalene Trends

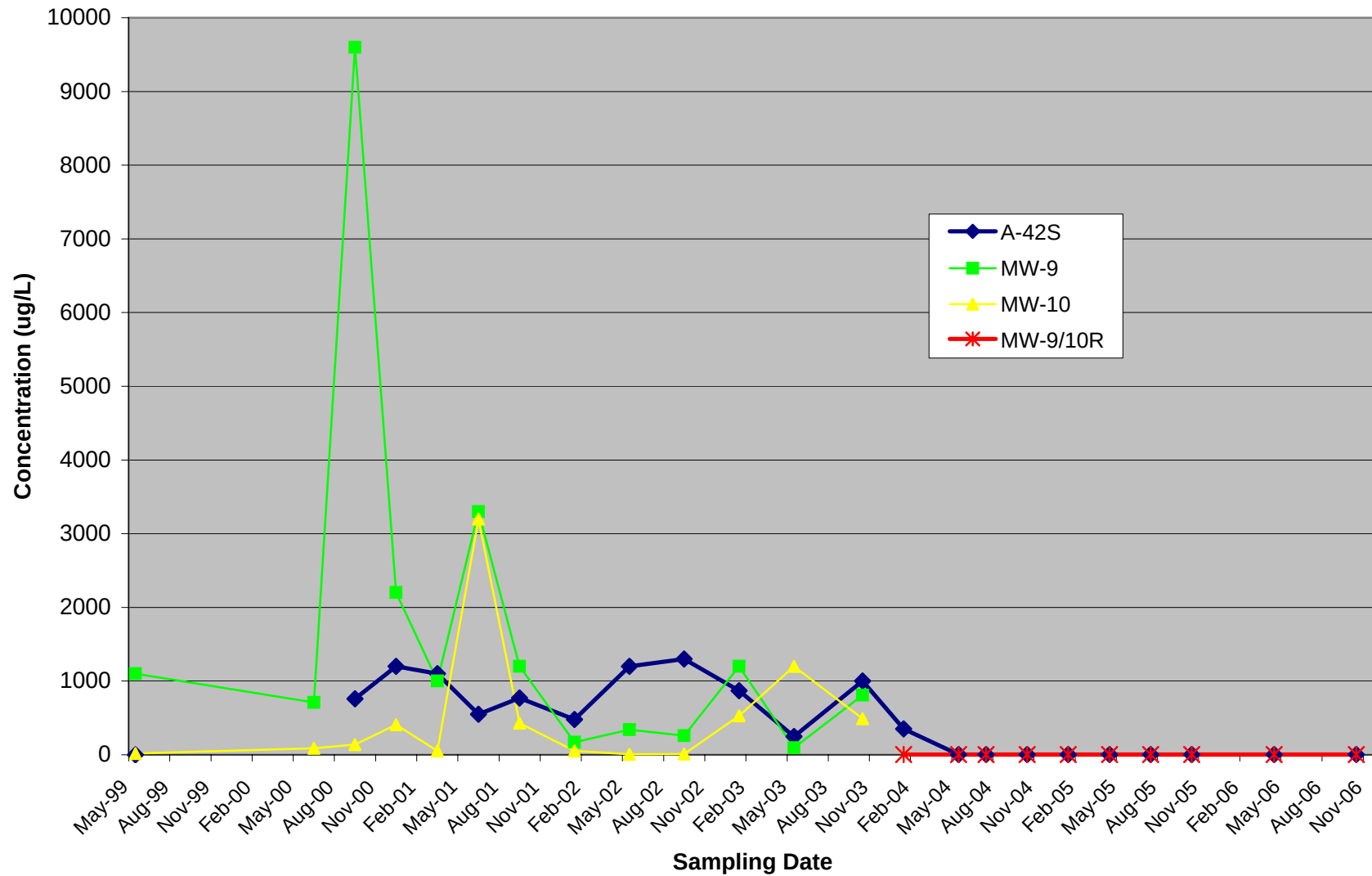
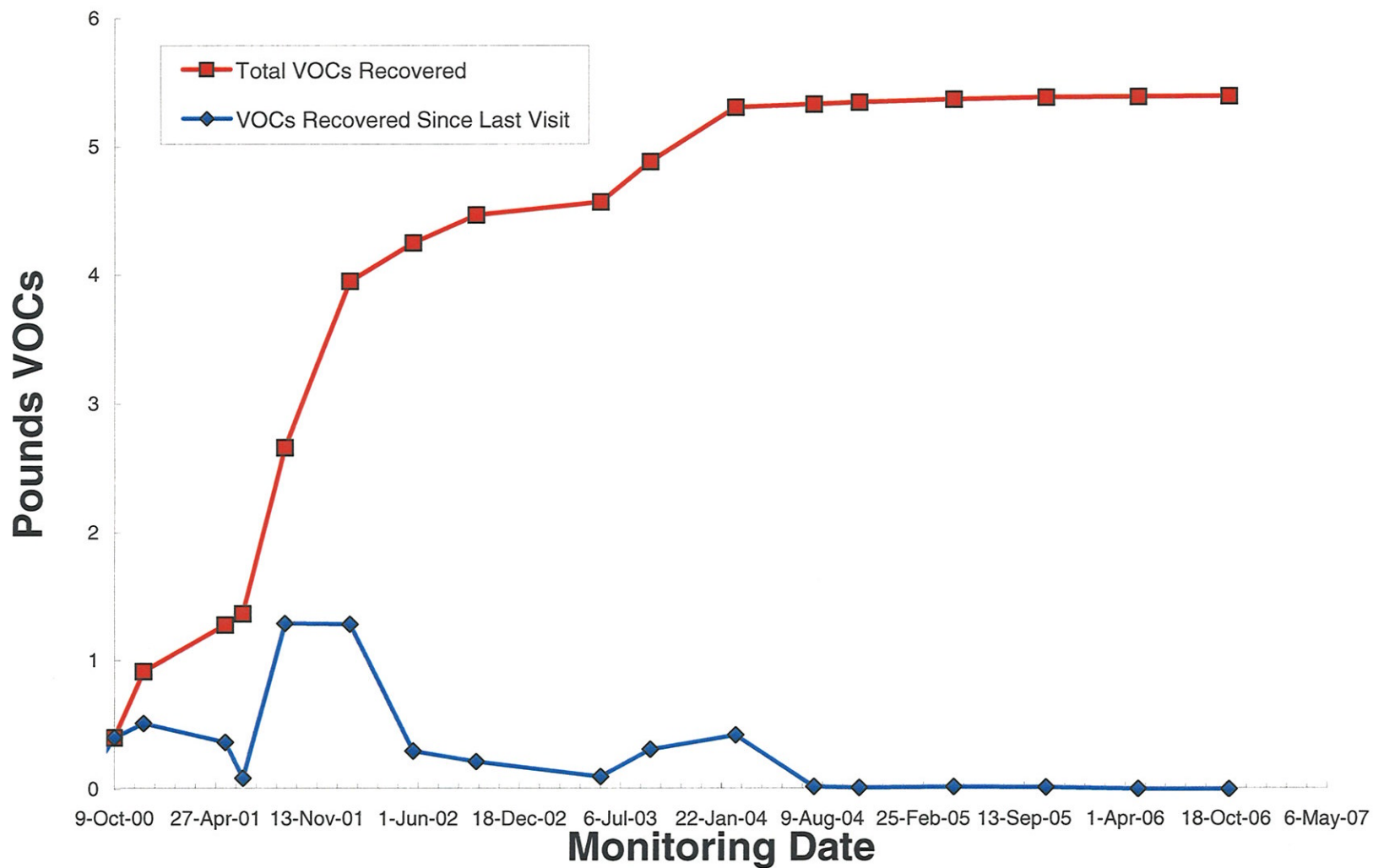


Figure 11
Former Flagship Airlines Hangar Facility
Air Sparge/Soil Vapor Extraction System
Compounds of Concern Recovery



APPENDIX A
ANALYTICAL RESULTS – GROUNDWATER
(October 24, 2006)

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#: A06-C512

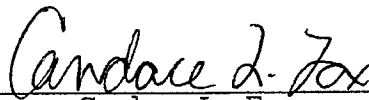
STL Project#: NY3A9019

Site Name: SHAW E&I / AMERICAN AIRLINES

Task: AMERICAN AIRLINES - DUTCHESS COUNTY

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

STL Buffalo



Candace L. Fox
Project Manager

11/09/2006

STL Buffalo

Current Certifications

As of 9/28/2006

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

Sample Data Summary Package

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED		RECEIVED	
			DATE	TIME	DATE	TIME
A6C51201	A-26S	GW	10/24/2006	12:05	10/25/2006	09:15
A6C51202	A-27S	GW	10/24/2006	11:55	10/25/2006	09:15
A6C51203	A-42S	GW	10/24/2006	12:30	10/25/2006	09:15
A6C51204	A-43S	GW	10/24/2006	10:55	10/25/2006	09:15
A6C51205	DG-1	GW	10/24/2006	11:40	10/25/2006	09:15
A6C51206	Duplicate	GW	10/24/2006		10/25/2006	09:15
A6C51207	Field Blank	GW	10/24/2006		10/25/2006	09:15
A6C51208	ME-12	GW	10/24/2006	13:25	10/25/2006	09:15
A6C51209	ME-14	GW	10/24/2006	12:55	10/25/2006	09:15
A6C51210	ME-18	GW	10/24/2006	13:40	10/25/2006	09:15
A6C51210MS	ME-18	GW	10/24/2006	13:40	10/25/2006	09:15
A6C51210SD	ME-18	GW	10/24/2006	13:40	10/25/2006	09:15
A6C51211	ME-19	GW	10/24/2006	11:20	10/25/2006	09:15
A6C51212	MW-2	GW	10/24/2006	13:05	10/25/2006	09:15
A6C51213	MW-20	GW	10/24/2006	11:30	10/25/2006	09:15
A6C51214	MW-8	GW	10/24/2006	11:05	10/25/2006	09:15
A6C51215	MW-9/10	GW	10/24/2006	13:15	10/25/2006	09:15
A6C51217	Trip Blank	WATER	10/24/2006		10/25/2006	09:15

METHODS SUMMARY

Job#: A06-C512STL Project#: NY3A9019Site Name: SHAW E&I / AMERICAN AIRLINES

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
ASP 2000 - VOLATILES	ASP00 ASP00-4
ASP 2000 - METHOD 8270 SELECT LIST	ASP00 8270

References:

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

NON-CONFORMANCE SUMMARY

Job#: A06-C512STL Project#: NY3A9019Site Name: SHAW E&I / AMERICAN AIRLINESGeneral Comments

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

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

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

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

Sample Receipt Comments

A06-C512

Sample Cooler(s) were received at the following temperature(s); 4@2.0 °C

All samples were received in good condition.

GC/MS Volatile Data

The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike Duplicate performed on sample ME-18 exceeded quality control limits for the analytes Tetrachloroethene and Trichloroethene. The associated Matrix Spike Blank recoveries were compliant.

GC/MS Semivolatile Data

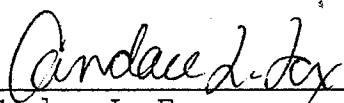
The analyte Naphthalene was detected in Method Blank SBLK94 (A6B2881602) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The surrogate recovery for 2-Fluorophenol was below the method defined quality control limits for sample ME-19. Based on the laboratory SOP, one surrogate in either fraction (base/neutral or acid fraction) may have a recovery outside of the control limit.

The surrogate recoveries for 2-Fluorophenol, Phenol-d5 and 2,4,6-Tribromophenol were below the laboratory quality control limits in sample A-42S. There was no volume for re-extraction. The results for Phenol and 4-Methylphenol should be considered biased low in this sample.

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."


Candace L. Fox
Project Manager

11/10/06
Date

Date: 11/09/2006
Time: 20:38:46

Requested Detection Limits < STL's PQL

Page: 1
Rept: AN1520

The requested project specific reporting limits listed below were less than STL's standard quantitation limits. It must be noted that results reported below STL's standard quantitation limit (PQL) may result in false positive/false negative values and less accurate quantitation. Routine laboratory procedures do not indicate corrective action for detections below the laboratory's PQL.

Method	Parameter	Unit	Client DL	STL PQL
<u>Organics</u>				
8270	4-Methylphenol	UG/L	5	10
8270	Naphthalene	UG/L	5	10
8270	Phenol	UG/L	5	10



DATA QUALIFIER PAGE

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

ORGANIC DATA QUALIFIERS

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

INORGANIC DATA QUALIFIERS

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

10/426

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-26S

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6C51201Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6563.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	7	
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
108-88-3-----	Toluene	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) WATERLab Sample ID: A6C51202Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6564.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/L

Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	1	
75-34-3-----	1,1-Dichloroethane	1	
540-59-0-----	1,2-Dichloroethene (Total)	3	
79-01-6-----	Trichloroethene	0.3	J
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

12/426

Client No.

A-42S

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6C51203

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6565.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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)	1	J
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

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) WATERLab Sample ID: A6C51204Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6566.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

DG-1

Lab Name: STL Buffalo Contract: _____Lab Code: REQNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6C51205Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6567.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.	COMPOUND		
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
108-88-3-----	Toluene	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) WATERLab Sample ID: A6C51206Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6568.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

16/426

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) WATERLab Sample ID: A6C51207Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6569.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

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

CAS NO.	COMPOUND		
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
108-88-3-----	Toluene	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) WATERLab Sample ID: A6C51208Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6570.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	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) WATERLab Sample ID: A6C51209Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6571.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	0.7	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
108-88-3-----	Toluene	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) WATERLab Sample ID: A6C51210Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6572.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

20/426

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) WATERLab Sample ID: A6C51211Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6576.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/L

Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	0.9	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
108-88-3-----	Toluene	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) WATERLab Sample ID: A6C51212Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6577.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
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
108-88-3-----	Toluene		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) WATERLab Sample ID: A6C51213Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6578.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	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: RECONY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6C51214Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6584.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9/10

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATERLab Sample ID: A6C51215Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6592.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	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: RECN Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6C51217Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6594.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/31/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

26/426

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: A6C51201

Sample wt/vol: 1035.0 (g/mL) ML

Lab File ID: X12913.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	2	BJ

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

27/426

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: A6C51202

Sample wt/vol: 1035.0 (g/mL) ML

Lab File ID: X12914.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		0.6	BJ

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

28/426

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: A6C51203

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12915.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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	0.4	BJ	

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

29/426

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: A6C51204

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: X12916.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		0.4	BJ

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

30/426

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: A6C51205

Sample wt/vol: 1030.0 (g/mL) ML

Lab File ID: X12917.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

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

CAS NO.	COMPOUND	Q
108-95-2-----	Phenol	U
106-44-5-----	4-Methylphenol	U
91-20-3-----	Naphthalene	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

31/426

Client No.

Duplicate

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51206

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: X12918.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

32/426

Client No.

ME-12

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A6C51208

Sample wt/vol: 1030.0 (g/mL) ML

Lab File ID: X12919.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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

33/426

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: A6C51209

Sample wt/vol: 1030.0 (g/mL) ML

Lab File ID: X12920.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

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

CAS NO.	COMPOUND	Q
108-95-2-----	Phenol	U
106-44-5-----	4-Methylphenol	U
91-20-3-----	Naphthalene	U

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

34/426

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: A6C51210

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12921.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

35/426

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: A6C51211

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12924.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/L

Q

CAS NO.	COMPOUND		
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

36/426

Client No.

MW-2

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A6C51212

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12925.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

37/426

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: A6C51213

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: X12926.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

38/426

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: A6C51214

Sample wt/vol: 1030.0 (g/mL) ML

Lab File ID: X12927.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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

39/426

Client No.

MW-9/10

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6C51215

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12944.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

40/426

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

	Client Sample ID	Lab Sample ID	BFB %REC #								TOT OUT
1	A-26S	A6C51201	104								0
2	A-27S	A6C51202	100								0
3	A-42S	A6C51203	103								0
4	A-43S	A6C51204	100								0
5	DG-1	A6C51205	98								0
6	Duplicate	A6C51206	97								0
7	Field Blank	A6C51207	98								0
8	LCS95	A6B2912201	103								0
9	ME-12	A6C51208	99								0
10	ME-14	A6C51209	100								0
11	ME-18	A6C51210	100								0
12	ME-18	A6C51210MS	109								0
13	ME-18	A6C51210SD	105								0
14	ME-19	A6C51211	100								0
15	msb96	A6B2918201	97								0
16	MW-2	A6C51212	98								0
17	MW-20	A6C51213	101								0
18	MW-8	A6C51214	101								0
19	MW-9/10	A6C51215	93								0
20	Trip Blank	A6C51217	94								0
21	VBLK95	A6B2912202	99								0
22	vblk96	A6B2918202	92								0
23	Volatile Holding Blk	A6C51216	93								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

41/426

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

	Client Sample ID	Lab Sample ID	2FP %REC #	FBP %REC #	NBZ %REC #	PHL %REC #	TBP %REC #	TPH %REC #			TOT OUT
1	A-26S	A6C51201	28	88	82	19	87	71			0
2	A-27S	A6C51202	36	93	92	25	105	81			0
3	A-42S	A6C51203	4 *	98	98	1 *	21 *	84			3
4	A-43S	A6C51204	21	92	93	12	75	85			0
5	DG-1	A6C51205	40	86	84	32	106	82			0
6	Duplicate	A6C51206	38	86	83	29	100	83			0
7	ME-12	A6C51208	29	90	87	20	90	83			0
8	ME-14	A6C51209	44	90	87	34	103	81			0
9	ME-18	A6C51210	42	89	89	30	99	88			0
10	ME-18	A6C51210MS	42	95	90	32	101	93			0
11	ME-18	A6C51210SD	39	91	87	29	98	94			0
12	ME-19	A6C51211	17 *	90	87	10	69	88			1
13	MW-2	A6C51212	39	83	78	30	103	88			0
14	MW-20	A6C51213	38	82	80	30	102	84			0
15	MW-8	A6C51214	36	83	79	27	98	89			0
16	MW-9/10	A6C51215	37	80	74	29	102	89			0
17	SBLK94	A6B2881602	41	80	77	32	97	91			0
18	SMSB94	A6B2881601	46	91	89	36	105	98			0

QC LIMITS

2FP	=	2-Fluorophenol	(20-120)
FBP	=	2-Fluorobiphenyl	(44-120)
NBZ	=	Nitrobenzene-D5	(46-120)
PHL	=	Phenol-D5	(10-120)
TBP	=	2,4,6-Tribromophenol	(59-136)
TPH	=	p-Terphenyl-d14	(23-143)

- # 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 RECOVERYLab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6B2912202Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: VBLK95

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Vinyl chloride_____	5.0	4.9	99	60 - 140
Trichloroethene_____	5.0	5.1	103	60 - 140
Tetrachloroethene_____	5.0	5.0	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 RECOVERYLab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6B2918202Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: vblk96

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Vinyl chloride	5.0	4.4	89	60 - 140
Trichloroethene	5.0	5.3	106	60 - 140
Tetrachloroethene	5.0	5.0	101	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: A6C51210Lab 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	5.3	107	60 - 140
Trichloroethene	5.0	0	4.8	98	60 - 140
Tetrachloroethene	5.0	0	4.8	96	60 - 140

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD REC.
Vinyl chloride	5.0	4.7	95	12	20 60 - 140
Trichloroethene	5.0	3.9	78	23 *	20 60 - 140
Tetrachloroethene	5.0	3.8	77	22 *	20 60 - 140

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

* Values outside of QC limits

RPD: 2 out of 3 outside limitsSpike recovery: 0 out of 6 outside limits

Comments: _____

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

45/426

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6B2881602

Lab Code: RECNY Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: SBLK94

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
4-Methylphenol _____	100	77.7	78	39 - 120
Naphthalene _____	100	82.9	83	44 - 120
Phenol _____	100	45.0	45	7 - 120

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

46/426

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6C51210

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.
4-Methylphenol _____	96.1	0	58.6	61	39 - 120
Naphthalene _____	96.1	0	87.2	91	44 - 120
Phenol _____	96.1	0	37.0	38	7 - 120

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD REC.
4-Methylphenol _____	96.1	53.5	56	8	24 39 - 120
Naphthalene _____	96.1	82.4	86	6	29 44 - 120
Phenol _____	96.1	33.8	35	8	34 7 - 120

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: 0 out of 6 outside limits

Comments: _____

ASP 2000 - VOLATILES
METHOD BLANK SUMMARY

Client No.

VBLK95

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: G6561.RRLab Sample ID: A6B2912202Date Analyzed: 10/30/2006Time Analyzed: 10:29GC Column: DB-624 ID: 0.53 (mm)Heated Purge: (Y/N) NInstrument ID: HP5973G

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	A6C51201	G6563.RR	11:15
2	A-27S	A6C51202	G6564.RR	11:38
3	A-42S	A6C51203	G6565.RR	12:00
4	A-43S	A6C51204	G6566.RR	12:23
5	DG-1	A6C51205	G6567.RR	12:45
6	Duplicate	A6C51206	G6568.RR	13:08
7	Field Blank	A6C51207	G6569.RR	13:31
8	LCS95	A6B2912201	G6560.RR	09:53
9	ME-12	A6C51208	G6570.RR	13:54
10	ME-14	A6C51209	G6571.RR	14:16
11	ME-18	A6C51210	G6572.RR	14:39
12	ME-18	A6C51210MS	G6573.RR	15:02
13	ME-18	A6C51210SD	G6574.RR	15:25
14	ME-19	A6C51211	G6576.RR	16:10
15	MW-2	A6C51212	G6577.RR	16:33
16	MW-20	A6C51213	G6578.RR	16:56
17	MW-8	A6C51214	G6584.RR	19:18

Comments: _____

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

48/426

Client No.

VBLK95

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6B2912202

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6561.RR

Level: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

49/426

ASP 2000 - VOLATILES
METHOD BLANK SUMMARY

Client No.

Lab Name: STL Buffalo

Contract: _____

vblk96

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Lab File ID: G6591.RR Lab Sample ID: A6B2918202Date Analyzed: 10/30/2006 Time Analyzed: 22:52GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N) NInstrument ID: HP5973G

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
	=====	=====	=====	=====
1	msb96	A6B2918201	G6590.RR	22:29
2	MW-9/10	A6C51215	G6592.RR	23:21
3	Trip Blank	A6C51217	G6594.RR	00:06
4	Volatile Holding Blk	A6C51216	G6593.RR	23:43

Comments: _____

50/426

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

vblk96

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATERLab Sample ID: A6B2918202Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6591.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - METHOD 8270 SELECT LIST
METHOD BLANK SUMMARY

51/426

Client No.

SBLK94

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: X12873.RR

Lab Sample ID: A6B2881602

Instrument ID: HP5973X

Date Extracted: 10/25/2006

Matrix: (soil/water) WATER

Date Analyzed: 10/31/2006

Level: (low/med) LOW

Time Analyzed: 10:04

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	A6C51201	X12913.RR	11/01/2006
2	A-27S	A6C51202	X12914.RR	11/01/2006
3	A-42S	A6C51203	X12915.RR	11/01/2006
4	A-43S	A6C51204	X12916.RR	11/01/2006
5	DG-1	A6C51205	X12917.RR	11/01/2006
6	Duplicate	A6C51206	X12918.RR	11/01/2006
7	ME-12	A6C51208	X12919.RR	11/01/2006
8	ME-14	A6C51209	X12920.RR	11/01/2006
9	ME-18	A6C51210	X12921.RR	11/01/2006
10	ME-18	A6C51210MS	X12922.RR	11/01/2006
11	ME-18	A6C51210SD	X12923.RR	11/01/2006
12	ME-19	A6C51211	X12924.RR	11/01/2006
13	MW-2	A6C51212	X12925.RR	11/01/2006
14	MW-20	A6C51213	X12926.RR	11/01/2006
15	MW-8	A6C51214	X12927.RR	11/01/2006
16	MW-9/10	A6C51215	X12944.RR	11/01/2006
17	SMSB94	A6B2881601	X12872.RR	10/31/2006

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

52/426

Client No.

SBLK94

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B2881602

Sample wt/vol: 1000.0 (g/mL) ML Lab File ID: X12873.RR

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

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/31/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		0.3	J

ASP 2000 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo

Contract: _____

Labsampid: A6C0006631Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID (Standard): G6559.RRDate Analyzed: 10/30/2006Instrument ID: HP5973GTime Analyzed: 09:19GC Column(1): DB-624ID: 0.530(mm)Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)		
		AREA	#	AREA	#	AREA	#	
12 HOUR STD		609470	7.00	384863	8.70	671919	4.97	
UPPER LIMIT		853258	7.33	538808	9.03	940687	5.30	
LOWER LIMIT		365682	6.67	230918	8.37	403151	4.64	
CLIENT SAMPLE		Lab Sample ID						
1	A-26S	A6C51201	534341	7.00	262776	8.70	587905	4.97
2	A-27S	A6C51202	546485	7.00	266833	8.70	599090	4.97
3	A-42S	A6C51203	535628	7.00	258488	8.70	592810	4.97
4	A-43S	A6C51204	532808	7.00	258952	8.70	575772	4.97
5	DG-1	A6C51205	525217	7.00	245269	8.70	574380	4.97
6	Duplicate	A6C51206	522686	7.00	239536	8.70	570194	4.97
7	Field Blank	A6C51207	524374	7.00	240609	8.70	572143	4.97
8	LCS95	A6B2912201	588696	7.00	325515	8.70	656300	4.97
9	ME-12	A6C51208	512858	7.00	237166	8.70	566894	4.97
10	ME-14	A6C51209	516262	7.00	242732	8.70	558539	4.97
11	ME-18	A6C51210	510830	7.00	233556	8.70	555662	4.97
12	ME-18	A6C51210MS	533806	7.00	274582	8.70	583586	4.97
13	ME-18	A6C51210SD	559771	7.00	272055	8.70	610911	4.97
14	ME-19	A6C51211	512227	7.00	236776	8.70	567024	4.97
15	MW-2	A6C51212	519568	7.00	234442	8.70	577214	4.97
16	MW-20	A6C51213	505667	7.00	232278	8.70	553514	4.97
17	MW-8	A6C51214	485958	7.00	232155	8.70	532784	4.97
18	VBLK95	A6B2912202	546592	7.00	250151	8.70	612510	4.97

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: A6C0006643
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): G6589.RR Date Analyzed: 10/30/2006
 Instrument ID: HP5973G Time Analyzed: 21:59
 GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		570253	7.00	286692	8.70	594146	4.97
UPPER LIMIT		798354	7.33	401369	9.03	831804	5.30
LOWER LIMIT		342152	6.67	172015	8.37	356488	4.64
CLIENT SAMPLE	Lab Sample ID						
1 msb96	A6B2918201	583009	7.00	289985	8.70	625899	4.97
2 MW-9/10	A6C51215	524919	7.00	241434	8.70	566015	4.97
3 Trip Blank	A6C51217	507302	7.00	238258	8.70	545098	4.97
4 vblk96	A6B2918202	541301	7.00	247379	8.70	579758	4.97
5 Volatile Holding Blk	A6C51216	516123	7.00	239696	8.70	574735	4.97

AREA UNIT RT
QC LIMITS 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

55/426

Lab Name: STL Buffalo

Contract: _____

Labsampid: A6C0006638

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID (Standard): X12868.RR

Date Analyzed: 10/31/2006

Instrument ID: HP5973X

Time Analyzed: 07:59

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		744089	11.06	1173270	15.69	346877	6.54
UPPER LIMIT		1488178	11.56	2346540	16.19	693754	7.04
LOWER LIMIT		372045	10.56	586635	15.19	173439	6.04
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====		=====		=====		=====	
1 SBLK94	A6B2881602	705234	11.06	1230717	15.69	321150	6.55
2 SMSB94	A6B2881601	679516	11.06	1116562	15.69	307395	6.54

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

56/426

Lab Name: STL Buffalo , Contract: _____ Labsampid: A6C0006638
Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____
Lab File ID (Standard): X12868.RR Date Analyzed: 10/31/2006
Instrument ID: HP5973X Time Analyzed: 07:59

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		1417934	8.43	1278888	13.06	1179425	16.94
UPPER LIMIT		2835868	8.93	2557776	13.56	2358850	17.44
LOWER LIMIT		708967	7.93	639444	12.56	589713	16.44
CLIENT SAMPLE		Lab Sample ID					
1	SBLK94	A6B2881602	1347452	8.43	1247565	13.06	1227092
2	SMSB94	A6B2881601	1309636	8.44	1178422	13.06	1225857

AREA UNIT RT
QC LIMITS 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

57/426

Lab Name: STL Buffalo

Contract: _____

Labsampid: A6C0006673

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID (Standard): X12898.RR

Date Analyzed: 10/31/2006

Instrument ID: HP5973X

Time Analyzed: 20:12

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		729984	11.06	1227920	15.69	333546	6.54
UPPER LIMIT		1459968	11.56	2455840	16.19	667092	7.04
LOWER LIMIT		364992	10.56	613960	15.19	166773	6.04
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====		=====		=====		=====	
1 A-26S	A6C51201	752178	11.06	1359584	15.69	345852	6.54
2 A-27S	A6C51202	723015	11.06	1335475	15.69	325387	6.55
3 A-42S	A6C51203	689539	11.06	1176016	15.69	312064	6.54
4 A-43S	A6C51204	691523	11.06	1204040	15.69	310403	6.54
5 DG-1	A6C51205	713847	11.06	1211173	15.69	327503	6.54
6 Duplicate	A6C51206	691029	11.06	1112009	15.69	316504	6.54
7 ME-12	A6C51208	696008	11.06	1266793	15.69	310176	6.54
8 ME-14	A6C51209	721854	11.06	1258789	15.69	328888	6.54
9 ME-18	A6C51210	698575	11.06	1220791	15.69	312803	6.55
10 ME-18	A6C51210MS	702562	11.06	1193023	15.69	320049	6.54
11 ME-18	A6C51210SD	762072	11.06	1263493	15.69	347816	6.54
12 ME-19	A6C51211	669514	11.06	1201639	15.69	298199	6.54
13 MW-2	A6C51212	727856	11.06	1319802	15.69	328464	6.54
14 MW-20	A6C51213	732474	11.06	1329375	15.69	329560	6.54
15 MW-8	A6C51214	710829	11.06	1257792	15.69	316683	6.54

AREA UNIT

RT

QC LIMITS

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

58/426

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0006673
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Lab File ID (Standard): X12898.RR Date Analyzed: 10/31/2006
Instrument ID: HP5973X Time Analyzed: 20:12

		IS4 (NPT)		IS5 (PHN)		IS6 (PRY)	
		AREA	# RT #	AREA	# RT #	AREA	# RT #
12 HOUR STD		1406608	8.43	1276253	13.06	1224876	16.94
UPPER LIMIT		2813216	8.93	2552506	13.56	2449752	17.44
LOWER LIMIT		703304	7.93	638127	12.56	612438	16.44
CLIENT SAMPLE		Lab Sample ID					
1	A-26S	A6C51201	1451862 8.43	1337859	13.06	1391945	16.94
2	A-27S	A6C51202	1395182 8.43	1296053	13.06	1318361	16.94
3	A-42S	A6C51203	1338077 8.43	1224982	13.06	1224139	16.94
4	A-43S	A6C51204	1324309 8.43	1233831	13.06	1204200	16.94
5	DG-1	A6C51205	1371092 8.43	1250207	13.06	1224142	16.94
6	Duplicate	A6C51206	1331681 8.43	1189008	13.06	1127687	16.94
7	ME-12	A6C51208	1343283 8.43	1269453	13.06	1249345	16.94
8	ME-14	A6C51209	1397661 8.43	1281256	13.06	1282536	16.94
9	ME-18	A6C51210	1340646 8.43	1237720	13.06	1270802	16.94
10	ME-18	A6C51210MS	1369133 8.44	1235603	13.06	1290011	16.94
11	ME-18	A6C51210SD	1462962 8.44	1327577	13.06	1398393	16.95
12	ME-19	A6C51211	1295054 8.43	1199365	13.06	1253833	16.94
13	MW-2	A6C51212	1396369 8.43	1286015	13.06	1353410	16.94
14	MW-20	A6C51213	1402543 8.43	1289232	13.06	1368011	16.94
15	MW-8	A6C51214	1385273 8.43	1273173	13.06	1289533	16.94

AREA UNIT RT
QC LIMITS 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

59/426

Lab Name: STL Buffalo

Contract: _____

Labsampid: A6C0006674

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID (Standard): X12930.RR

Date Analyzed: 11/01/2006

Instrument ID: HP5973X

Time Analyzed: 09:34

		IS1 (ANT) AREA #	RT #	IS2 (CRY) AREA #	RT #	IS3 (DCB) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====	=====
12 HOUR STD		722957	11.06	1227985	15.69	329555	6.55
UPPER LIMIT		1445914	11.56	2455970	16.19	659110	7.05
LOWER LIMIT		361479	10.56	613993	15.19	164778	6.05
=====	=====	=====	=====	=====	=====	=====	=====
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====	=====	=====	=====	=====	=====
1 MW-9/10	A6C51215	705323	11.06	1255462	15.69	317497	6.54

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

60/426

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0006674
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Lab File ID (Standard): X12930.RR Date Analyzed: 11/01/2006
Instrument ID: HP5973X Time Analyzed: 09:34

		IS4 (NPT) AREA #	RT #	IS5(PHN) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD		1392454	8.44	1229912	13.06	1273235	16.94
UPPER LIMIT		2784908	8.94	2459824	13.56	2546470	17.44
LOWER LIMIT		696227	7.94	614956	12.56	636618	16.44
CLIENT SAMPLE	Lab Sample ID						
1 MW-9/10	A6C51215	1359300	8.43	1253293	13.06	1367436	16.94

AREA UNIT RT
QC LIMITS QC LIMITS

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

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

Sample Data Package

SDG Narrative

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	SAMPLED		RECEIVED	
			DATE	TIME	DATE	TIME
A6C51201	A-26S	GW	10/24/2006	12:05	10/25/2006	09:15
A6C51202	A-27S	GW	10/24/2006	11:55	10/25/2006	09:15
A6C51203	A-42S	GW	10/24/2006	12:30	10/25/2006	09:15
A6C51204	A-43S	GW	10/24/2006	10:55	10/25/2006	09:15
A6C51205	DG-1	GW	10/24/2006	11:40	10/25/2006	09:15
A6C51206	Duplicate	GW	10/24/2006		10/25/2006	09:15
A6C51207	Field Blank	GW	10/24/2006		10/25/2006	09:15
A6C51208	ME-12	GW	10/24/2006	13:25	10/25/2006	09:15
A6C51209	ME-14	GW	10/24/2006	12:55	10/25/2006	09:15
A6C51210	ME-18	GW	10/24/2006	13:40	10/25/2006	09:15
A6C51210MS	ME-18	GW	10/24/2006	13:40	10/25/2006	09:15
A6C51210SD	ME-18	GW	10/24/2006	13:40	10/25/2006	09:15
A6C51211	ME-19	GW	10/24/2006	11:20	10/25/2006	09:15
A6C51212	MW-2	GW	10/24/2006	13:05	10/25/2006	09:15
A6C51213	MW-20	GW	10/24/2006	11:30	10/25/2006	09:15
A6C51214	MW-8	GW	10/24/2006	11:05	10/25/2006	09:15
A6C51215	MW-9/10	GW	10/24/2006	13:15	10/25/2006	09:15
A6C51217	Trip Blank	WATER	10/24/2006		10/25/2006	09:15

METHODS SUMMARY

Job#: A06-C512STL Project#: NY3A9019Site Name: SHAW E&I / AMERICAN AIRLINES

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
ASP 2000 - VOLATILES	ASP00 ASP00-4
ASP 2000 - METHOD 8270 SELECT LIST	ASP00 8270

References:

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

NON-CONFORMANCE SUMMARY

Job#: A06-C512STL Project#: NY3A9019Site Name: SHAW E&I / AMERICAN AIRLINESGeneral Comments

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

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

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

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

Sample Receipt Comments

A06-C512

Sample Cooler(s) were received at the following temperature(s); 4@2.0 °C
All samples were received in good condition.

GC/MS Volatile Data

The Relative Percent Difference (RPD) between the Matrix Spike and the Matrix Spike Duplicate performed on sample ME-18 exceeded quality control limits for the analytes Tetrachloroethene and Trichloroethene. The associated Matrix Spike Blank recoveries were compliant.

GC/MS Semivolatile Data

The analyte Naphthalene was detected in Method Blank SBLK94 (A6B2881602) at a level below the project established reporting limit. No corrective action is necessary for any values in Method Blanks that are below the requested reporting limits.

The surrogate recovery for 2-Fluorophenol was below the method defined quality control limits for sample ME-19. Based on the laboratory SOP, one surrogate in either fraction (base/neutral or acid fraction) may have a recovery outside of the control limit.

The surrogate recoveries for 2-Fluorophenol, Phenol-d5 and 2,4,6-Tribromophenol were below the laboratory quality control limits in sample A-42S. There was no volume for re-extraction. The results for Phenol and 4-Methylphenol should be considered biased low in this sample.

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."

Candace L. Fox

Candace L. Fox
Project Manager

11/10/06

Date

Chain Of Custody Documentation

Chain of
Custody Record

STL-4124 (0901)

Client	Shaw Environmental, Inc.	Project Manager	Don Lanners	Date	10/24/06	Chain of Custody Number	286582
Address	13 British American Blvd.	Telephone Number (Area Code)/Fax Number	(518) 783-1996 / (518) 783-8397	Lab Number		Page	1 of 2
City	Latham	State	NY	Zip Code	12110	Site Contact	
Project Name and Location (State)	American Airlines / Flagship Ditchess City NY Fed Ex						
Contract/Purchase Order/Quote No.							

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt	
			Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH			
A - 265	10/24/06	1205	X					2						8270 Sed List	
A - 275		1155												8260 (10A) Sed	
MW - 20		1130													
A - 435		1055													
MW - 8		1105													
A - 425		1230													
DG - 1		1140													
ME - 19		1120													
Duplicate		-													
MW - 9/10		1315													
MW - 2		1305													
ME - 14		1255													

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other

1. Relinquished By ML Date 10/24/06 Time 1700

2. Relinquished By ML Date 10/24/06 Time 1700

3. Relinquished By ML Date 10/24/06 Time 1700

Comments

4c 2.00c

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

Chain of
Custody Record

STL-4124 (0901)

Client

Address

Project Manager

Telephone Number (Area Code)/Fax Number

Date

Lab Number

Chain of Custody Number

Page 2 of 2

City

State

Zip Code

Site Contact

Lab Contact

Project Name and Location (State)

Carrier/Waybill Number

Contract/Purchase Order/Quote No.

Analysis (Attach list if more space is needed)

Sample I.D. No. and Description
(Containers for each sample may be combined on one line)

Date

Time

Matrix

Containers & Preservatives

Air

Aqueous

Sed.

Soil

Unpres.

H2SO4

HNO3

HCl

NaOH

ZnAc/NaOH

Special Instructions/
Conditions of Receipt

Possible Hazard Identification

Non-Hazard

Flammable

Skin Irritant

Poison B

Unknown

Disposal By Lab

Archive For

Months

Turn Around Time Required

24 Hours

48 Hours

7 Days

14 Days

21 Days

Other

Relinquished By

Relinquished By

Relinquished By

QC Requirements (Specify)

Received By

Received By

Received By

Comments

Job No: A06-C512 Client: Shaw E & I Project: NY3A9019 SDG: Case: SMO No: No. Samps: 17				Radiation Check: YES Custody Seal: YES Chain of Custody: YES Sample Tags: NO Sample Tag Numbers: NO SMO Forms: NO CLISIS: NO				Cooler Temperature: 4±2.0°C			
Sample	Receive	Client Sample ID	Lab ID	Condition	Bottles	Parameters	Lab	Pres Log			
10/24/2006 12:05	10/25/2006 09:15	A-26S	A6C51201	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 11:55	10/25/2006 09:15	A-27S	A6C51202	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 12:30	10/25/2006 09:15	A-42S	A6C51203	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 10:55	10/25/2006 09:15	A-43S	A6C51204	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 11:40	10/25/2006 09:15	DG-1	A6C51205	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006	10/25/2006 09:15	Duplicate	A6C51206	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006	10/25/2006 09:15	Field Blank	A6C51207	Good	1-40mLV	VOAS	RECNY	0103	<2		
10/24/2006 13:25	10/25/2006 09:15	ME-12	A6C51208	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 12:55	10/25/2006 09:15	ME-14	A6C51209	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 13:40	10/25/2006 09:15	ME-18	A6C51210	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 13:40	10/25/2006 09:15	ME-18	A6C51210MS	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 13:40	10/25/2006 09:15	ME-18	A6C51210SD	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 11:20	10/25/2006 09:15	ME-19	A6C51211	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 13:05	10/25/2006 09:15	MW-2	A6C51212	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 11:30	10/25/2006 09:15	MW-20	A6C51213	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 11:05	10/25/2006 09:15	MW-8	A6C51214	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/24/2006 13:15	10/25/2006 09:15	MW-9/10	A6C51215	Good	2-11GA 3-40mLV	ASP00 VOAS	RECNY	0100	<2		
10/25/2006	10/25/2006 09:15	Volatile Holding Blk	A6C51216	Good	1-40mLV	VOAS	RECNY	0103	<2		
10/24/2006	10/25/2006 09:15	Trip Blank	A6C51217	Good	2-40mLV	VOAS	RECNY	0103	<2		

Sample Custodian: SC 10/25/2006 Analytical Services Coordinator: 1 / 20

Preservation Code References:

First Digit: Sample Filtration; 1=Filtered, 0=Unfiltered
Second Digit: Sample Requires Cooling; (4°) 1=Cooled, 0=Not Cooled
Third, Fourth Digits - Preservation Types:
00=Nothing added, 01=HNO3, 02=H2SO4, 03=HCl, 04=Sodium Thiosulfate
05=NaOH, 06=NaOH+Zinc Acetate, 07=Sodium Thiosulfate+HCl, 08=MeOH
09=MCAA (Mono chloroacetic acid)

ASP00/8260 Volatiles

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	Lab Sample ID	BFB %REC #								TOT OUT
1	A-26S	A6C51201	104								0
2	A-27S	A6C51202	100								0
3	A-42S	A6C51203	103								0
4	A-43S	A6C51204	100								0
5	DG-1	A6C51205	98								0
6	Duplicate	A6C51206	97								0
7	Field Blank	A6C51207	98								0
8	LCS95	A6B2912201	103								0
9	ME-12	A6C51208	99								0
10	ME-14	A6C51209	100								0
11	ME-18	A6C51210	100								0
12	ME-18	A6C51210MS	109								0
13	ME-18	A6C51210SD	105								0
14	ME-19	A6C51211	100								0
15	msb96	A6B2918201	97								0
16	MW-2	A6C51212	98								0
17	MW-20	A6C51213	101								0
18	MW-8	A6C51214	101								0
19	MW-9/10	A6C51215	93								0
20	Trip Blank	A6C51217	94								0
21	VBLK95	A6B2912202	99								0
22	vblk96	A6B2918202	92								0
23	Volatile Holding Blk	A6C51216	93								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 RECOVERYLab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6B2912202Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: VLK95

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

Contract: _____

Lab Samp ID: A6B2918202Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: vblk96

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
Vinyl chloride	5.0	4.4	89	60 - 140
Trichloroethene	5.0	5.3	106	60 - 140
Tetrachloroethene	5.0	5.0	101	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: A6C51210Lab 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	5.3	107	60 - 140
Trichloroethene_____	5.0	0	4.8	98	60 - 140
Tetrachloroethene_____	5.0	0	4.8	96	60 - 140

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS	
					RPD	REC.
Vinyl chloride_____	5.0	4.7	95	12	20	60 - 140
Trichloroethene_____	5.0	3.9	78	23 *	20	60 - 140
Tetrachloroethene_____	5.0	3.8	77	22 *	20	60 - 140

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

* Values outside of QC limits

RPD: 2 out of 3 outside limitsSpike recovery: 0 out of 6 outside limits

Comments: _____

ASP 2000 - VOLATILES
METHOD BLANK SUMMARY

77/426

Client No.

VBLK95

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: G6561.RR

Lab Sample ID: A6B2912202

Date Analyzed: 10/30/2006

Time Analyzed: 10:29

GC Column: DB-624 ID: 0.53 (mm)

Heated Purge: (Y/N) N

Instrument ID: HP5973G

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	A6C51201	G6563.RR	11:15
2	A-27S	A6C51202	G6564.RR	11:38
3	A-42S	A6C51203	G6565.RR	12:00
4	A-43S	A6C51204	G6566.RR	12:23
5	DG-1	A6C51205	G6567.RR	12:45
6	Duplicate	A6C51206	G6568.RR	13:08
7	Field Blank	A6C51207	G6569.RR	13:31
8	LCS95	A6B2912201	G6560.RR	09:53
9	ME-12	A6C51208	G6570.RR	13:54
10	ME-14	A6C51209	G6571.RR	14:16
11	ME-18	A6C51210	G6572.RR	14:39
12	ME-18	A6C51210MS	G6573.RR	15:02
13	ME-18	A6C51210SD	G6574.RR	15:25
14	ME-19	A6C51211	G6576.RR	16:10
15	MW-2	A6C51212	G6577.RR	16:33
16	MW-20	A6C51213	G6578.RR	16:56
17	MW-8	A6C51214	G6584.RR	19:18

Comments: _____

78/426

ASP 2000 - VOLATILES
METHOD BLANK SUMMARY

Client No.

vblk96

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: G6591.RRLab Sample ID: A6B2918202Date Analyzed: 10/30/2006Time Analyzed: 22:52GC Column: DB-624 ID: 0.18 (mm)Heated Purge: (Y/N) NInstrument ID: HP5973G

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

	CLIENT SAMPLE NO. =====	LAB SAMPLE ID =====	LAB FILE ID =====	TIME ANALYZED =====
1	msb96	A6B2918201	G6590.RR	22:29
2	MW-9/10	A6C51215	G6592.RR	23:21
3	Trip Blank	A6C51217	G6594.RR	00:06
4	Volatile Holding Blk	A6C51216	G6593.RR	23:43

Comments: _____

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

Lab Name: STL Buffalo Contract: _____ Tune ID: A6T0003364

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

Lab File ID: G6405 BFB Injection Date: 10/26/2006

Instrument ID: HP5973G BFB Injection Time: 10:59

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

m/e	ION Abundance Criteria	% Relative Abundance
50	8.0 - 40.0% of mass 95	21.5
75	30.0 - 66.0% of mass 95	41.2
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 120.0% of mass 95	83.3
175	4.0 - 9.0% of mass 174	6.3 (7.6) 1
176	93.0 - 101.0% of mass 174	81.0 (97.2) 1
177	5.0 - 9.0% of mass 176	6.2 (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	VSTD025	A6I0002079-1	G6406.RR	10/26/2006	11:20
2	VSTD010	A6I0002079-1	G6407.RR	10/26/2006	11:43
3	VSTD005	A6I0002079-1	G6408.RR	10/26/2006	12:06
4	VSTD002	A6I0002079-1	G6409.RR	10/26/2006	12:29
5	VSTD001	A6I0002079-1	G6411.RR	10/26/2006	13:26

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

Lab Name: STL Buffalo Contract: _____ Tune ID: A6T0003412

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

Lab File ID: G6558 BFB Injection Date: 10/30/2006

Instrument ID: HP5973G BFB Injection Time: 08:48

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

m/e	ION Abundance Criteria	% Relative Abundance
50	8.0 - 40.0% of mass 95	22.5
75	30.0 - 66.0% of mass 95	43.0
95	Base peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.3 (0.3) 1
174	50.0 - 120.0% of mass 95	86.7
175	4.0 - 9.0% of mass 174	5.5 (6.3) 1
176	93.0 - 101.0% of mass 174	83.8 (96.7) 1
177	5.0 - 9.0% of mass 176	5.4 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	VSTD005	A6C0006631-1	G6559.RR	10/30/2006	09:19
2	LCS95	A6B2912201	G6560.RR	10/30/2006	09:53
3	VBLK95	A6B2912202	G6561.RR	10/30/2006	10:29
4	A-26S	A6C51201	G6563.RR	10/30/2006	11:15
5	A-27S	A6C51202	G6564.RR	10/30/2006	11:38
6	A-42S	A6C51203	G6565.RR	10/30/2006	12:00
7	A-43S	A6C51204	G6566.RR	10/30/2006	12:23
8	DG-1	A6C51205	G6567.RR	10/30/2006	12:45
9	Duplicate	A6C51206	G6568.RR	10/30/2006	13:08
10	Field Blank	A6C51207	G6569.RR	10/30/2006	13:31
11	ME-12	A6C51208	G6570.RR	10/30/2006	13:54
12	ME-14	A6C51209	G6571.RR	10/30/2006	14:16
13	ME-18	A6C51210	G6572.RR	10/30/2006	14:39
14	ME-18	A6C51210MS	G6573.RR	10/30/2006	15:02
15	ME-18	A6C51210SD	G6574.RR	10/30/2006	15:25
16	ME-19	A6C51211	G6576.RR	10/30/2006	16:10
17	MW-2	A6C51212	G6577.RR	10/30/2006	16:33
18	MW-20	A6C51213	G6578.RR	10/30/2006	16:56
19	MW-8	A6C51214	G6584.RR	10/30/2006	19:18

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

Lab Name: STL Buffalo Contract: _____ Tune ID: A6T0003423
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID: G6587 BFB Injection Date: 10/30/2006
 Instrument ID: HP5973G BFB Injection Time: 21:01
 GC Column: DB-624 ID: 0.18 (mm) Heated Purge: (Y/N): N

m/e	ION Abundance Criteria	% Relative Abundance
50	8.0 - 40.0% of mass 95	23.2
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	7.0
173	Less than 2.0% of mass 174	0.2 (0.2) 1
174	50.0 - 120.0% of mass 95	88.7
175	4.0 - 9.0% of mass 174	6.7 (7.6) 1
176	93.0 - 101.0% of mass 174	83.3 (93.9) 1
177	5.0 - 9.0% of mass 176	5.4 (6.5) 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	A6C0006643-1	G6589.RR	10/30/2006	21:59
2	msb96	A6B2918201	G6590.RR	10/30/2006	22:29
3	vblk96	A6B2918202	G6591.RR	10/30/2006	22:52
4	MW-9/10	A6C51215	G6592.RR	10/30/2006	23:21
5	Volatile Holding Blk	A6C51216	G6593.RR	10/30/2006	23:43
6	Trip Blank	A6C51217	G6594.RR	10/31/2006	00:06

ASP 2000 - VOLATILES
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0006631
 Lab Code: RECNV Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): G6559.RR Date Analyzed: 10/30/2006
 Instrument ID: HP5973G Time Analyzed: 09:19
 GC Column(1): DB-624 ID: 0.530(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	# RT #	AREA	# RT #	AREA	# RT #
12 HOUR STD		609470	7.00	384863	8.70	671919	4.97
UPPER LIMIT		853258	7.33	538808	9.03	940687	5.30
LOWER LIMIT		365682	6.67	230918	8.37	403151	4.64
CLIENT SAMPLE		Lab Sample ID					
1	A-26S	A6C51201	534341 7.00	262776 8.70	587905 4.97		
2	A-27S	A6C51202	546485 7.00	266833 8.70	599090 4.97		
3	A-42S	A6C51203	535628 7.00	258488 8.70	592810 4.97		
4	A-43S	A6C51204	532808 7.00	258952 8.70	575772 4.97		
5	DG-1	A6C51205	525217 7.00	245269 8.70	574380 4.97		
6	Duplicate	A6C51206	522686 7.00	239536 8.70	570194 4.97		
7	Field Blank	A6C51207	524374 7.00	240609 8.70	572143 4.97		
8	LCS95	A6B2912201	588696 7.00	325515 8.70	656300 4.97		
9	ME-12	A6C51208	512858 7.00	237166 8.70	566894 4.97		
10	ME-14	A6C51209	516262 7.00	242732 8.70	558539 4.97		
11	ME-18	A6C51210	510830 7.00	233556 8.70	555662 4.97		
12	ME-18	A6C51210MS	533806 7.00	274582 8.70	583586 4.97		
13	ME-18	A6C51210SD	559771 7.00	272055 8.70	610911 4.97		
14	ME-19	A6C51211	512227 7.00	236776 8.70	567024 4.97		
15	MW-2	A6C51212	519568 7.00	234442 8.70	577214 4.97		
16	MW-20	A6C51213	505667 7.00	232278 8.70	553514 4.97		
17	MW-8	A6C51214	485958 7.00	232155 8.70	532784 4.97		
18	VBLK95	A6B2912202	546592 7.00	250151 8.70	612510 4.97		

AREA UNIT RT
QC LIMITS 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: A6C0006643
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID (Standard): G6589.RR Date Analyzed: 10/30/2006
 Instrument ID: HP5973G Time Analyzed: 21:59
 GC Column(1): DB-624 ID: 0.180(mm) Heated Purge: (Y/N) N

		IS1 (CBZ)		IS2 (DCB)		IS3 (DFB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		570253	7.00	286692	8.70	594146	4.97
UPPER LIMIT		798354	7.33	401369	9.03	831804	5.30
LOWER LIMIT		342152	6.67	172015	8.37	356488	4.64
CLIENT SAMPLE	Lab Sample ID						
1 msb96	A682918201	583009	7.00	289985	8.70	625899	4.97
2 MW-9/10	A6C51215	524919	7.00	241434	8.70	566015	4.97
3 Trip Blank	A6C51217	507302	7.00	238258	8.70	545098	4.97
4 vblk96	A682918202	541301	7.00	247379	8.70	579758	4.97
5 Volatile Holding Blk	A6C51216	516123	7.00	239696	8.70	574735	4.97

AREA UNIT RT
QC LIMITS 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

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) WATERLab Sample ID: A6C51201Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6563.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	7	
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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6563.D

Vial: 6

Acq On : 30 Oct 2006 11:15

Operator: LH

Sample : A6C51201

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:33:34 2006

Results File: A6I0002079.RES

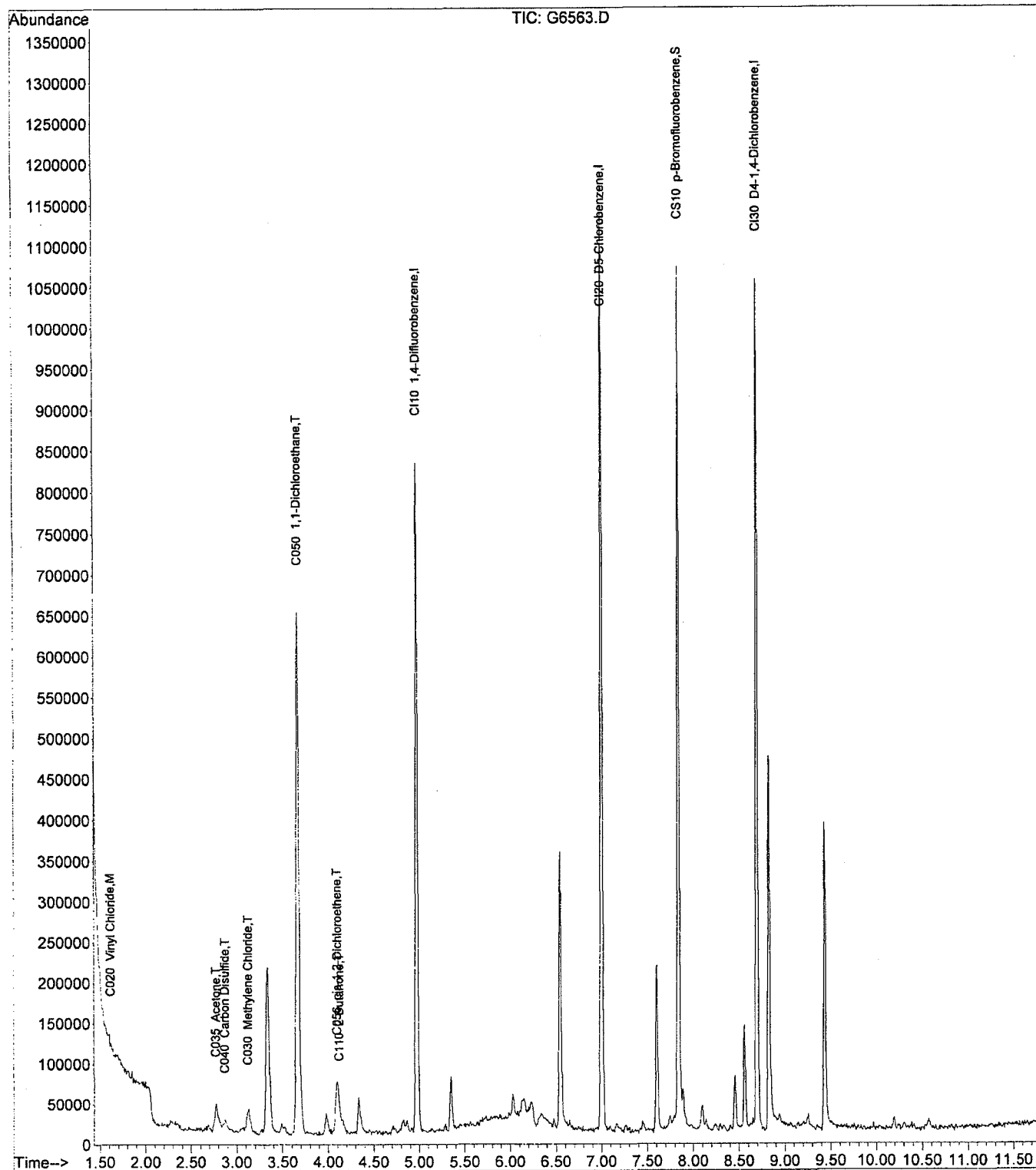
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6563.D

Acq On : 30 Oct 2006 11:15

Sample : A6C51201

Misc :

Vial: 6

Operator: LH

Inst : HP5973G

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:33:34 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	587905	25.00	ng	0.00
							87.50%
18)	CI20 D5-Chlorobenzene	7.00	117	534341	25.00	ng	0.00
							87.67%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	262776	25.00	ng	0.00
							68.28%

System Monitoring Compounds

39)	CS10 p-Bromofluorobenzene	7.84	174	253509	26.07	ng	0.00
Spiked Amount		25.000	Range	80 - 120	Recovery	=	104.28%

Target Compounds

							Qvalue
2)	C010 Chloromethane	1.50	50	1481	N.D.		
3)	C015 Bromomethane	1.91	94	324	N.D.		
4)	C020 Vinyl Chloride	1.62	62	15333	1.24	ng	93
5)	C025 Chloroethane	2.04	64	730	N.D.		
6)	C030 Methylene Chloride	3.12	84	15516	1.20	ng	93
7)	C035 Acetone	2.78	43	70454	14.09	ng	95
8)	C040 Carbon Disulfide	2.87	76	27527	1.01	ng	100
9)	C045 1,1-Dichloroethene	2.68	96	146	N.D.		
10)	C050 1,1-Dichloroethane	3.67	63	724287	36.05	ng	98
11)	C057 trans-1,2-dichloro	3.34	96	1334	N.D.		
12)	C056 cis-1,2-Dichloroethe	4.10	96	17844	1.55	ng	96
13)	C125 Vinyl Acetate	3.98	43	8706	N.D.		
14)	C060 Chloroform	4.33	83	237	N.D.		
15)	C222 Bromochloromethane	4.26	128	63	N.D.		
16)	C065 1,2-Dichloroethane	4.82	62	433	N.D.		
17)	C110 2-Butanone	4.13	43	14638	1.89	ng	94
19)	C115 1,1,1-Trichloroeth	4.45	97	1217	N.D.		
20)	C120 Carbon Tetrachlori	4.57	117	59	N.D.		
21)	C150 Trichloroethene	5.12	95	287	N.D.		
22)	C130 Bromodichlorometha	5.59	83	109	N.D.		
23)	C140 1,2-Dichloropropan	5.31	63	79	N.D.		
24)	C145 cis-1,3-Dichloropr	5.79	75	332	N.D.		
25)	C165 Benzene	4.72	78	6700	N.D.		
26)	C155 Dibromochlorometha	6.63	129	72	N.D.		
27)	C170 trans-1,3-Dichloro	6.29	75	175	N.D.		
28)	C160 1,1,2-Trichloroeth	6.32	97	460	N.D.		
29)	C220 Tetrachloroethene	6.42	166	366	N.D.		
30)	C163 1,2-Dibromoethane	6.71	107	156	N.D.		
31)	C210 4-Methyl-2-Pentano	5.90	43	1566	N.D.		
32)	C215 2-Hexanone	6.48	43	4189	N.D.		
33)	C230 Toluene	6.03	91	16617	N.D.		
34)	C235 Chlorobenzene	7.01	112	206	N.D.		
35)	C240 Ethylbenzene	7.08	91	2576	N.D.		
36)	C246 m,p-Xylene	7.17	106	2669	N.D.		
37)	C247 o-Xylene	7.45	106	1118	N.D.		
38)	C245 Styrene	7.35	104	133	N.D.		
40)	C225 1,1,2,2-Tetrachlor	8.12	83	99	N.D.		
42)	C180 Bromoform	7.62	173	79	N.D.		
43)	C260 1,3-Dichlorobenzen	8.64	146	725	N.D.		
44)	C267 1,4-Dichlorobenzen	8.71	146	735	N.D.		
45)	C249 1,2-Dichlorobenzen	8.99	146	941	N.D.		

Data File : D:\MSDCHEM\G\DATA\103006\G6563.D

Vial: 6

Acq On : 30 Oct 2006 11:15

Operator: LH

Sample : A6C51201

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:33:34 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

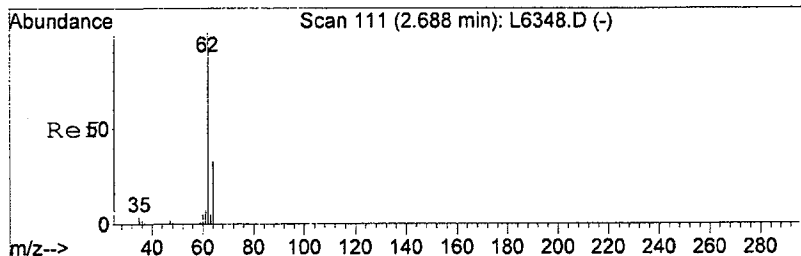
Internal Standards

R.T. QIon Response Conc Units Dev(Min)
Rcv(Ar)

46)	C286	1,2-Dibromo-3-Chlo	9.61	75	489	N.D.
47)	C313	1,2,4-Trichloroben	10.19	180	2652	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Rev
11/6/06



#4

C020 Vinyl Chloride

Concen: 1.24 ng

RT: 1.62 min Scan# 31

Delta R.T. 0.00 min

Lab File: G6563.D

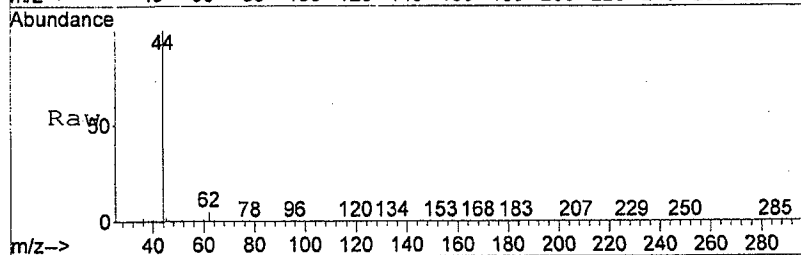
Acq: 30 Oct 2006 11:15

Tgt Ion: 62 Resp: 15333

Ion Ratio Lower Upper

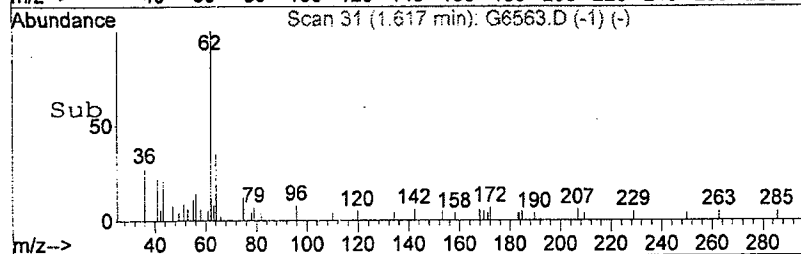
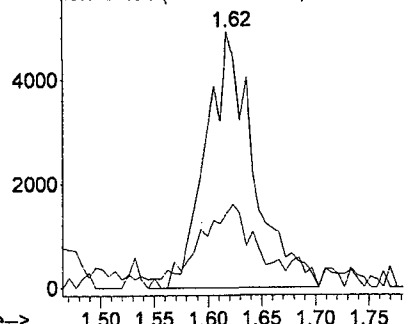
62 100

64 28.9 12.7 52.7



Abundance Ion 62.00 (61.70 to 62.70): G6563.D

Ion 64.00 (63.70 to 64.70): G6563.D



#6

C030 Methylene Chloride

Concen: 1.20 ng

RT: 3.12 min Scan# 277

Delta R.T. 0.00 min

Lab File: G6563.D

Acq: 30 Oct 2006 11:15

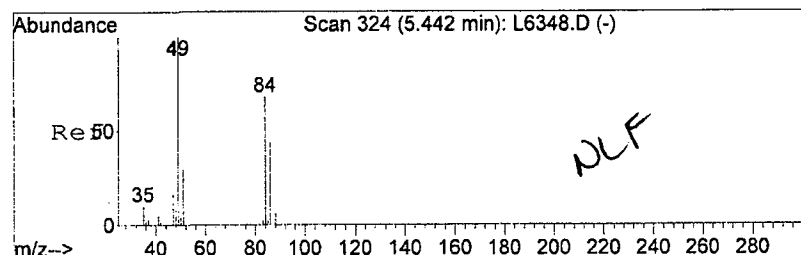
Tgt Ion: 84 Resp: 15516

Ion Ratio Lower Upper

84 100

49 153.9 126.2 166.2

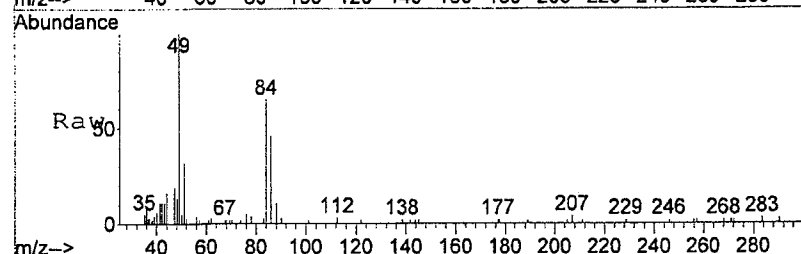
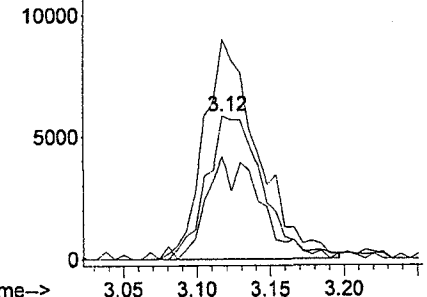
86 71.5 43.8 83.8

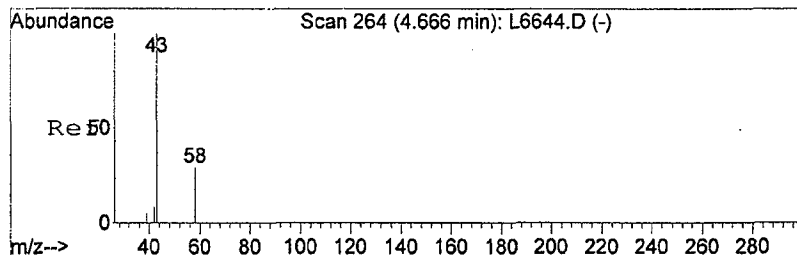


Abundance Ion 84.00 (83.70 to 84.70): G6563.D

Ion 49.00 (48.70 to 49.70): G6563.D

Ion 86.00 (85.70 to 86.70): G6563.D





#7

C035 Acetone

Concen: 14.09 ng

RT: 2.78 min Scan# 221

Delta R.T. 0.01 min

Lab File: G6563.D

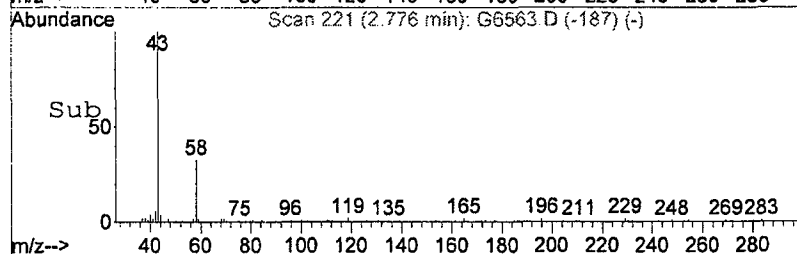
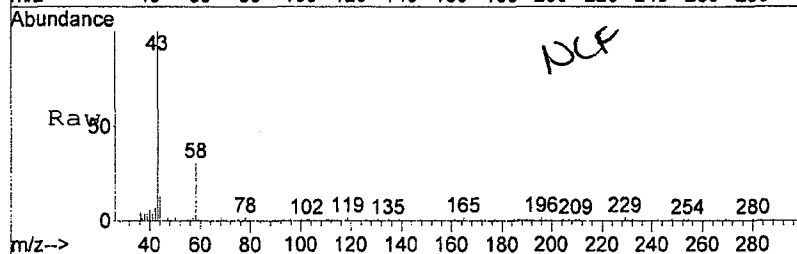
Acq: 30 Oct 2006 11:15

Tgt Ion: 43 Resp: 70454

Ion Ratio Lower Upper

43 100

58 31.3 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6563.D

25000 Ion 58.00 (57.70 to 58.70): G6563.D

20000

15000

10000

5000

0

Time--> 2.65 2.70 2.75 2.80 2.85 2.90

2.78

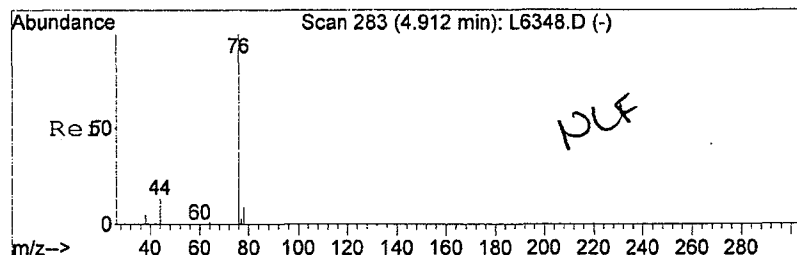
20000

15000

10000

5000

0



#8

C040 Carbon Disulfide

Concen: 1.01 ng

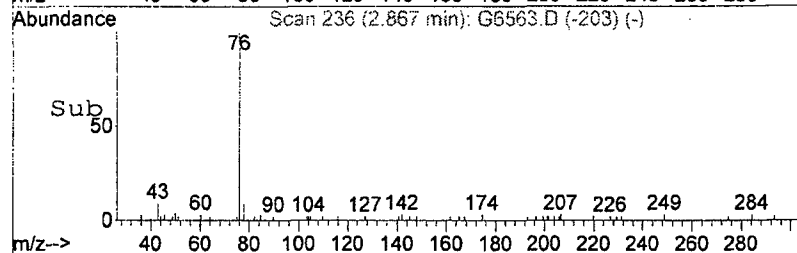
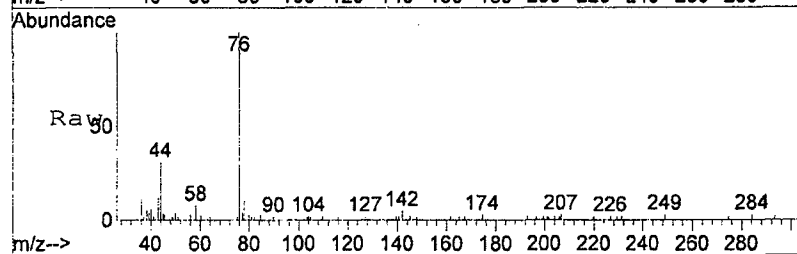
RT: 2.87 min Scan# 236

Delta R.T. 0.00 min

Lab File: G6563.D

Acq: 30 Oct 2006 11:15

Tgt Ion: 76 Resp: 27527



Abundance Ion 76.00 (75.70 to 76.70): G6563.D

10000

8000

6000

4000

2000

0

Time--> 2.80 2.85 2.90 2.95 3.00

2.87

10000

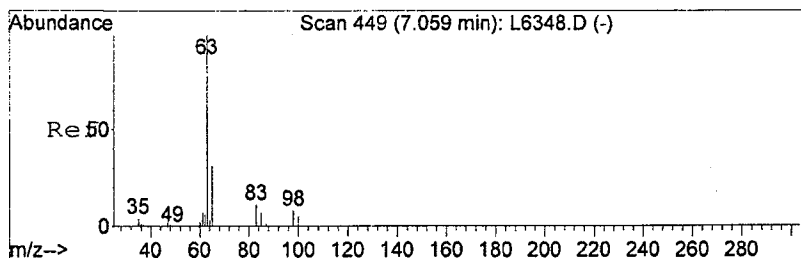
8000

6000

4000

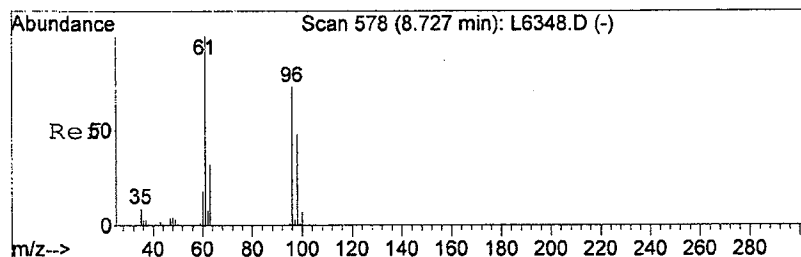
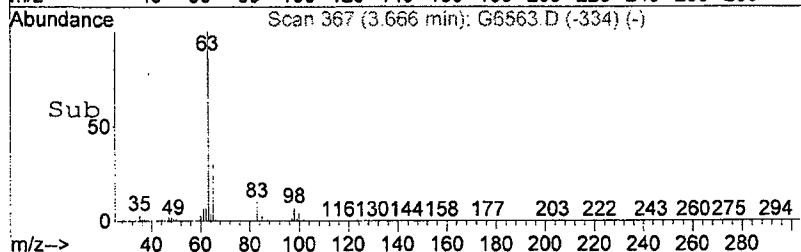
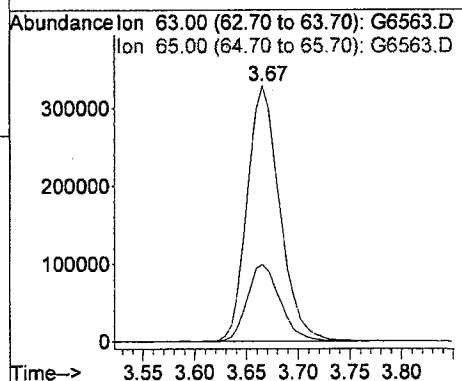
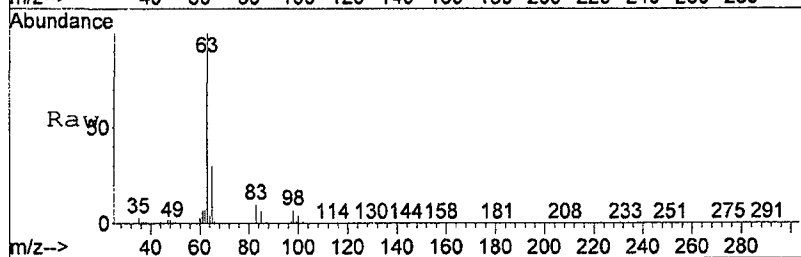
2000

0



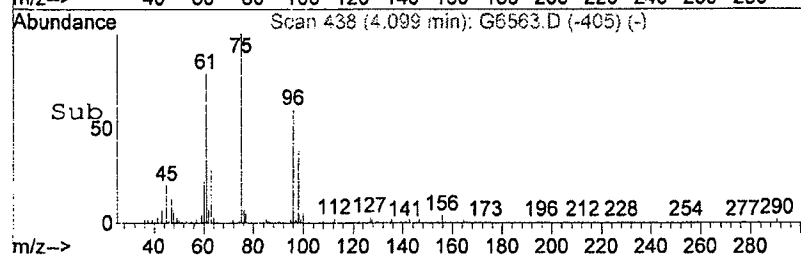
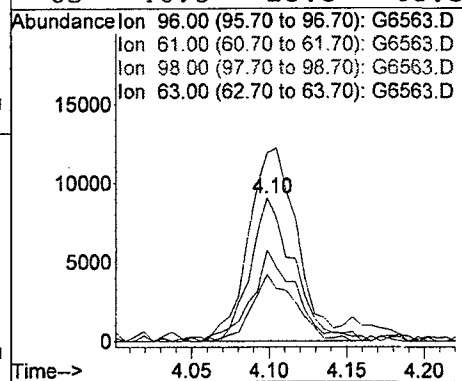
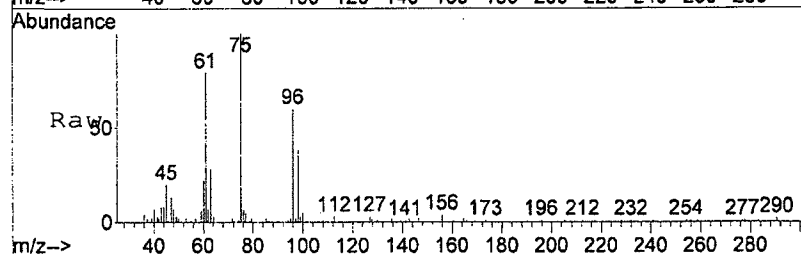
#10
C050 1,1-Dichloroethane
Concen: 36.05 ng
RT: 3.67 min Scan# 367
Delta R.T. 0.00 min
Lab File: G6563.D
Acq: 30 Oct 2006 11:15

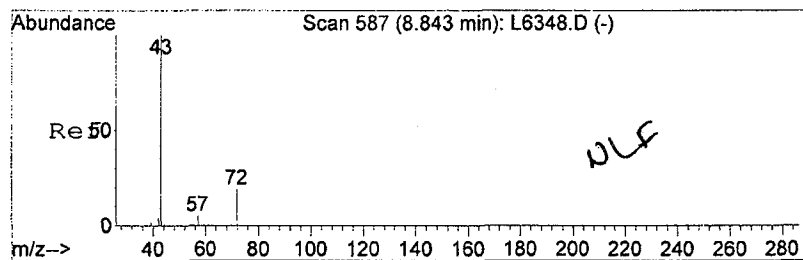
Tgt Ion: 63 Resp: 724287
Ion Ratio Lower Upper
63 100
65 30.0 11.1 51.1



#12
C056 cis-1,2-Dichloroethene
Concen: 1.55 ng
RT: 4.10 min Scan# 438
Delta R.T. 0.00 min
Lab File: G6563.D
Acq: 30 Oct 2006 11:15

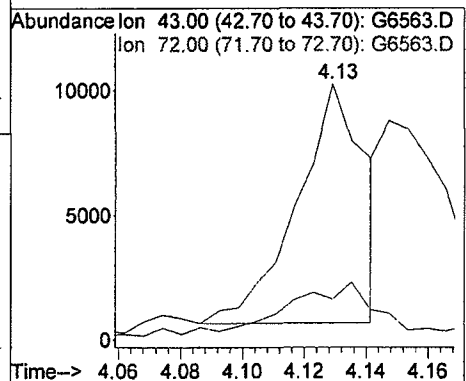
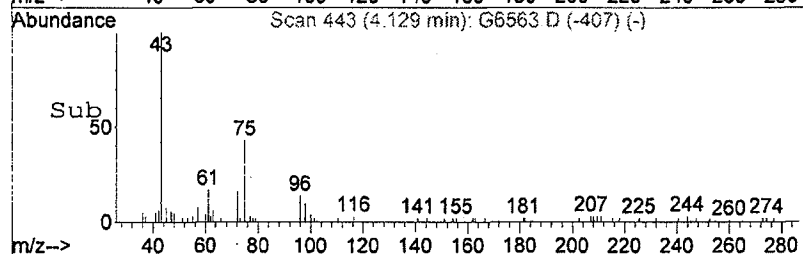
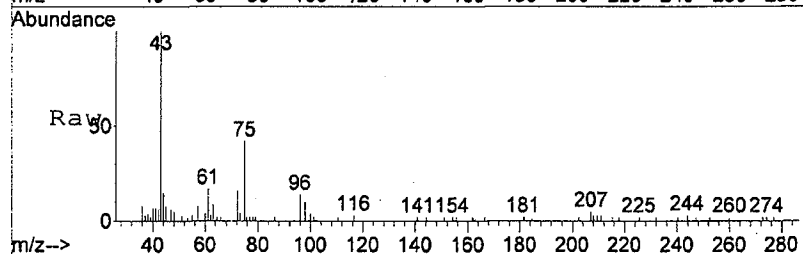
Tgt Ion: 96 Resp: 17844
Ion Ratio Lower Upper
96 100
61 131.3 117.3 157.3
98 63.5 46.0 86.0
63 46.5 23.3 63.3





#17
C110 2-Butanone
Concen: 1.89 ng
RT: 4.13 min Scan# 443
Delta R.T. 0.02 min
Lab File: G6563.D
Acq: 30 Oct 2006 11:15

Tgt Ion: 43 Resp: 14638
Ion Ratio Lower Upper
43 100
72 15.8 0.0 38.5



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-27S

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6C51202Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6564.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	1	
75-34-3-----	1,1-Dichloroethane	1	
540-59-0-----	1,2-Dichloroethene (Total)	3	
79-01-6-----	Trichloroethene	0.3	J
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6564.D

Vial: 7

Acq On : 30 Oct 2006 11:38

Operator: LH

Sample : A6C51202

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:33:44 2006

Results File: A6I0002079.RES

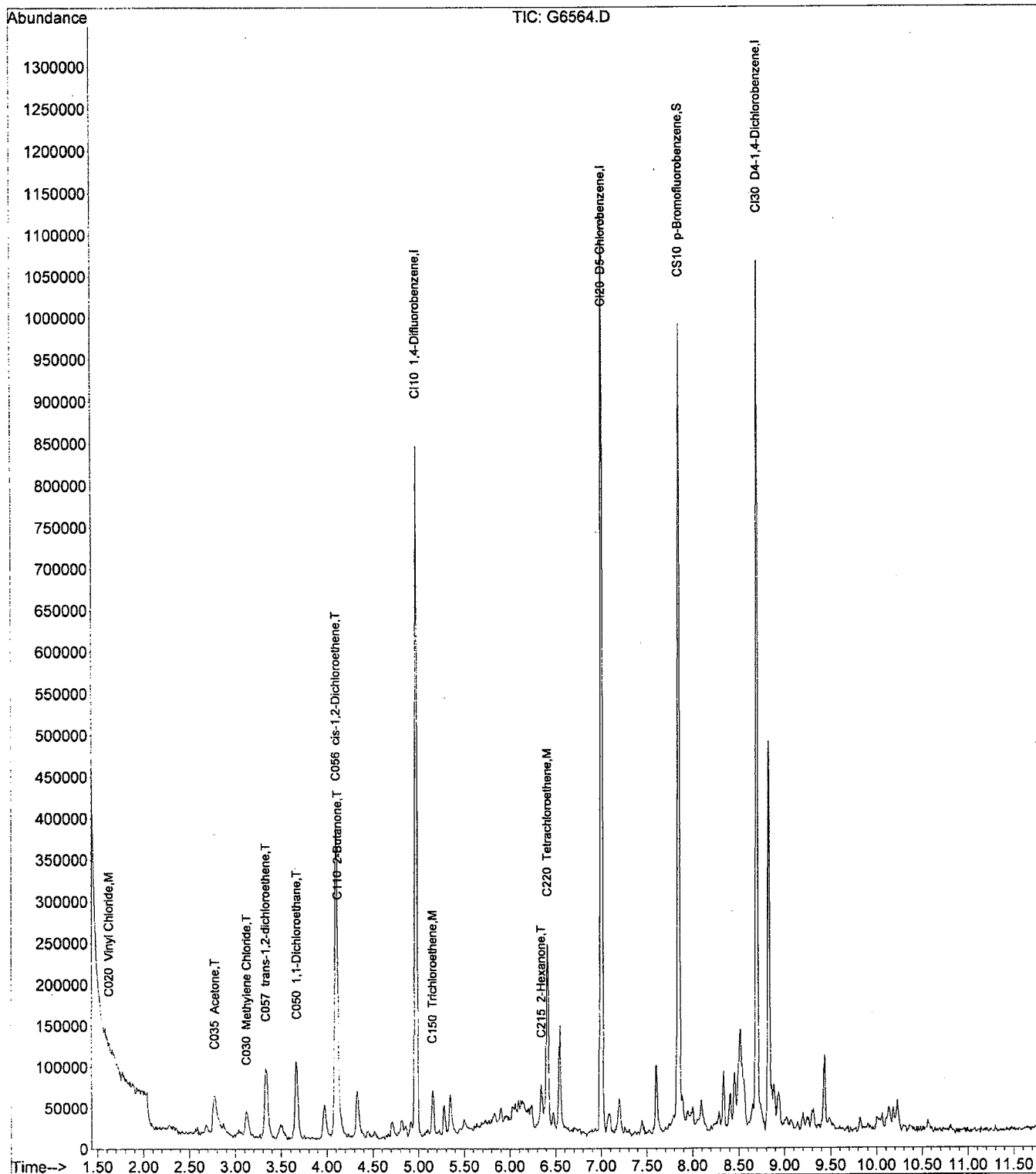
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6564.D
Acq On : 30 Oct 2006 11:38
Sample : A6C51202
Misc :
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 14:33:44 2006

Vial: 7
Operator: LH
Inst : HP5973G
Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

SJE 10/30/06
+HICS

Internal Standards		R.T. QIon		Response	Conc Units	Dev (Min) Rcv (Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	599090	25.00 ng	0.00 89.16%
18)	CI20 D5-Chlorobenzene	7.00	117	546485	25.00 ng	0.00 89.67%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	266833	25.00 ng	0.00 69.33%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 248242 24.96 ng 0.00
Spiked Amount 25.000 Range 80 - 120 Recovery = 99.84%

Qvalue

Target Compounds

2)	C010 Chloromethane	1.51	50	6714	N.D.	
3)	C015 Bromomethane	1.77	94	413	N.D.	
4)	C020 Vinyl Chloride	1.62	62	19042	1.51 ng	80
5)	C025 Chloroethane	2.01	64	486	N.D.	
6)	C030 Methylene Chloride	3.13	84	14420	1.10/ng	93
7)	C035 Acetone	2.78	43	116465	22.86/ng	83
8)	C040 Carbon Disulfide	2.87	76	21318	N.D.	
9)	C045 1,1-Dichloroethene	2.68	96	1999	N.D.	
10)	C050 1,1-Dichloroethane	3.67	63	105264	5.14 ng	92
11)	C057 trans-1,2-dichloroet	3.33	96	12712	1.20 ng	89
12)	C056 cis-1,2-Dichloroethe	4.10	96	159144	13.52 ng	97
13)	C125 Vinyl Acetate	3.59	43	569	N.D.	
14)	C060 Chloroform	4.34	83	213	N.D.	
15)	C222 Bromochloromethane	4.26	128	238	N.D.	
16)	C065 1,2-Dichloroethane	4.73	62	2116	N.D.	
17)	C110 2-Butanone	4.12	43	89532	11.35 ng	97
19)	C115 1,1,1-Trichloroeth	4.45	97	2985	N.D.	
20)	C120 Carbon Tetrachlori	4.56	117	99	N.D.	
21)	C150 Trichloroethene	5.15	95	16373	1.63 ng	92
22)	C130 Bromodichlorometha	5.53	83	84	N.D.	
23)	C140 1,2-Dichloropropan	5.14	63	139	N.D.	
24)	C145 cis-1,3-Dichloropr	5.67	75	353	N.D.	
25)	C165 Benzene	4.71	78	14354	N.D.	
26)	C155 Dibromochlorometha	0.00	129	0	N.D.	
27)	C170 trans-1,3-Dichloro	6.18	75	380	N.D.	
28)	C160 1,1,2-Trichloroeth	6.33	97	834	N.D.	
29)	C220 Tetrachloroethene	6.41	166	61288	5.44 ng	92
30)	C163 1,2-Dibromoethane	6.70	107	130	N.D.	
31)	C210 4-Methyl-2-Pentano	5.90	43	11077	N.D.	
32)	C215 2-Hexanone	6.34	43	27267	2.37/ng	94
33)	C230 Toluene	6.03	91	10851	N.D.	
34)	C235 Chlorobenzene	7.04	112	280	N.D.	
35)	C240 Ethylbenzene	7.07	91	2322	N.D.	
36)	C246 m,p-Xylene	7.17	106	1086	N.D.	
37)	C247 o-Xylene	7.45	106	490	N.D.	
38)	C245 Styrene	7.28	104	59	N.D.	
40)	C225 1,1,2,2-Tetrachlor	8.06	83	356	N.D.	
42)	C180 Bromoform	7.62	173	57	N.D.	
43)	C260 1,3-Dichlorobenzen	8.64	146	527	N.D.	
44)	C267 1,4-Dichlorobenzen	8.71	146	852	N.D.	
45)	C249 1,2-Dichlorobenzen	8.99	146	332	N.D.	

SJE
10/30/06

Data File : D:\MSDCHEM\G\DATA\103006\G6564.D

Vial: 7

Acq On : 30 Oct 2006 11:38

Operator: LH

Sample : A6C51202

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:33:44 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

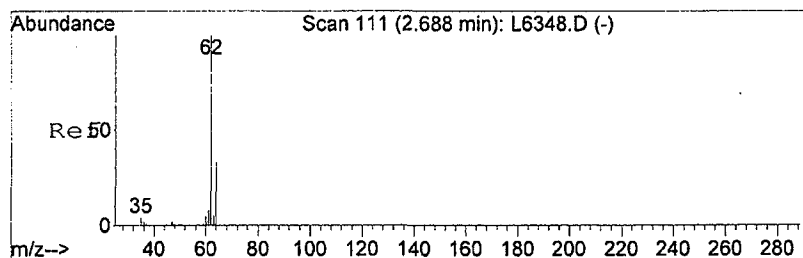
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards

R.T. QIon Response Conc Units Dev(Min)
Rcv(Ar)

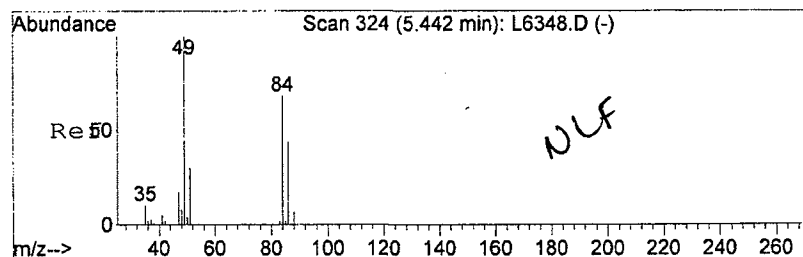
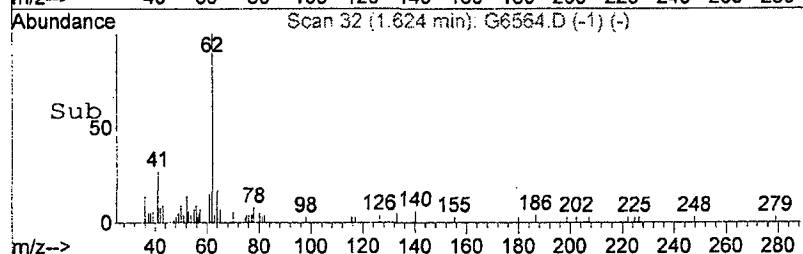
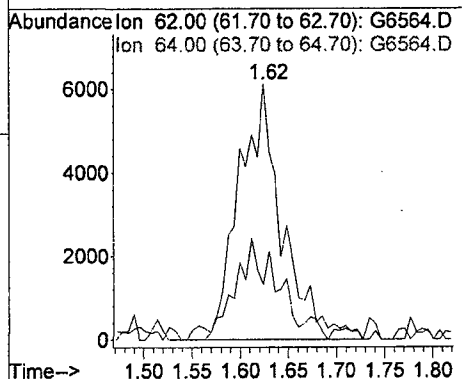
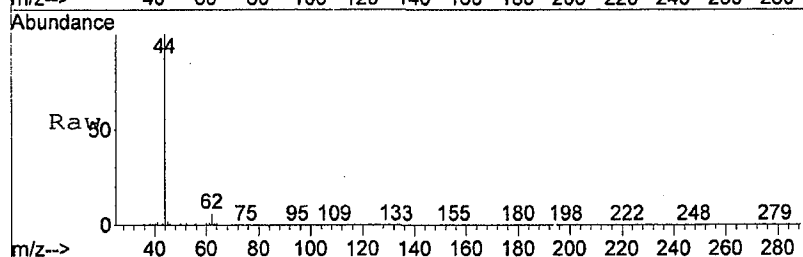
46)	C286	1,2-Dibromo-3-Chlo	9.57	75	57	N.D.
47)	C313	1,2,4-Trichloroben	10.20	180	2763	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed



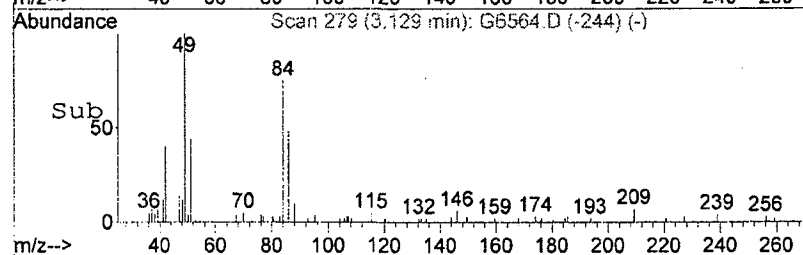
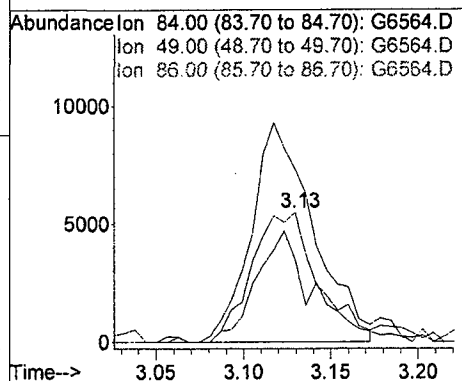
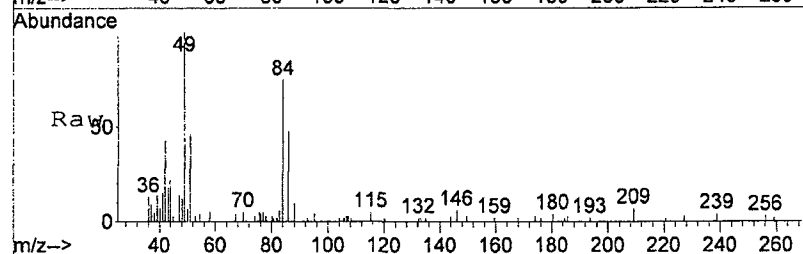
#4
C020 Vinyl Chloride
Concen: 1.51 ng
RT: 1.62 min Scan# 32
Delta R.T. 0.01 min
Lab File: G6564.D
Acq: 30 Oct 2006 11:38

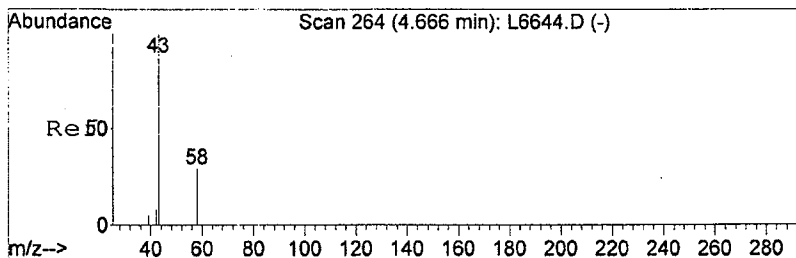
Tgt Ion: 62 Resp: 19042
Ion Ratio Lower Upper
62 100
64 21.5 12.7 52.7



#6
C030 Methylene Chloride
Concen: 1.10 ng
RT: 3.13 min Scan# 279
Delta R.T. 0.01 min
Lab File: G6564.D
Acq: 30 Oct 2006 11:38

Tgt Ion: 84 Resp: 14420
Ion Ratio Lower Upper
84 100
49 133.9 126.2 166.2
86 63.9 43.8 83.8





#7

C035 Acetone

Concen: 22.86 ng

RT: 2.78 min Scan# 221

Delta R.T. 0.01 min

Lab File: G6564.D

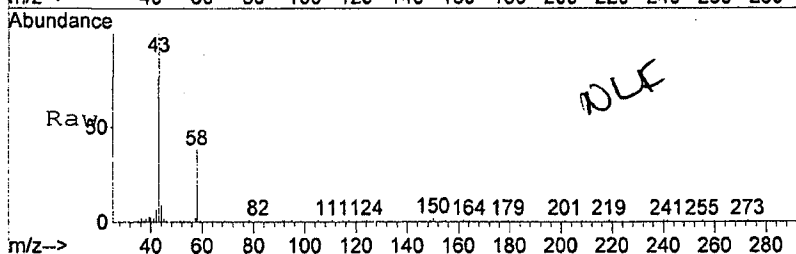
Acq: 30 Oct 2006 11:38

Tgt Ion: 43 Resp: 116465

Ion Ratio Lower Upper

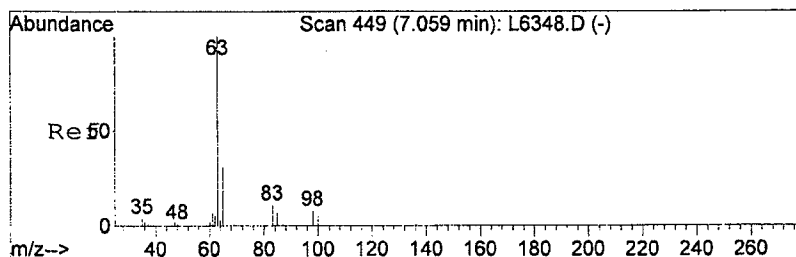
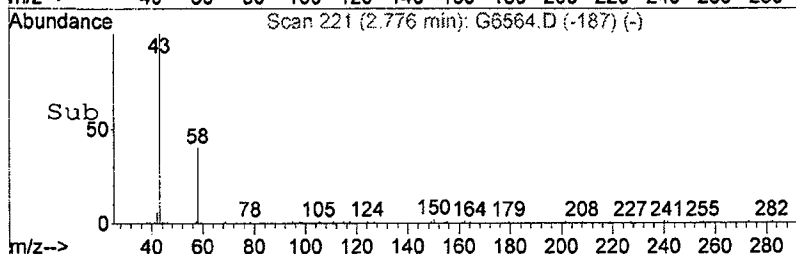
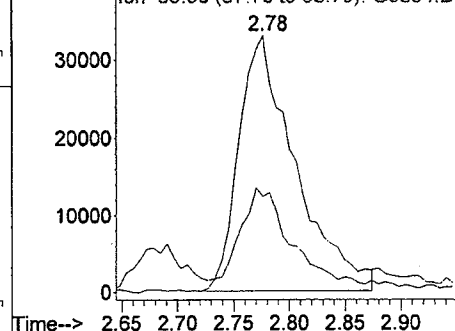
43 100

58 37.6 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6564.D

Ion 58.00 (57.70 to 58.70): G6564.D



#10

C050 1,1-Dichloroethane

Concen: 5.14 ng

RT: 3.67 min Scan# 368

Delta R.T. 0.01 min

Lab File: G6564.D

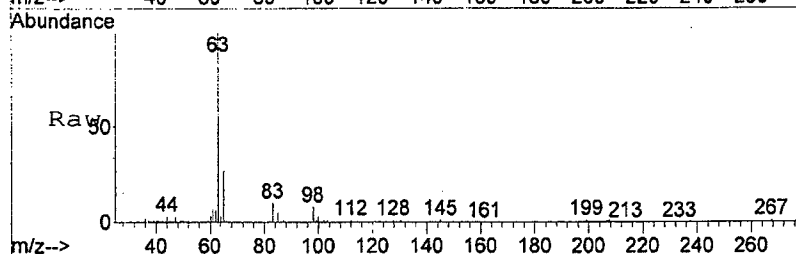
Acq: 30 Oct 2006 11:38

Tgt Ion: 63 Resp: 105264

Ion Ratio Lower Upper

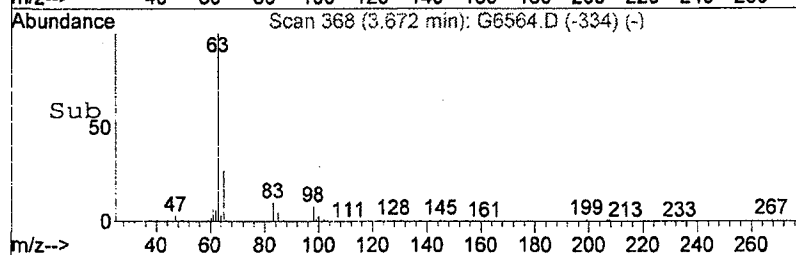
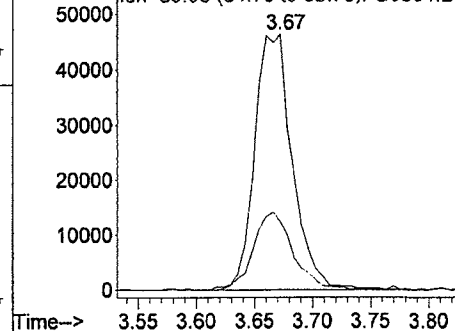
63 100

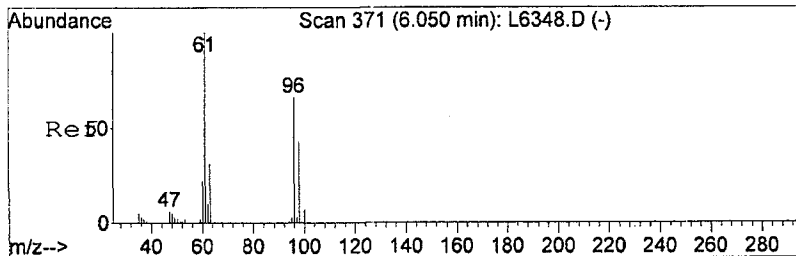
65 26.9 11.1 51.1



Abundance Ion 63.00 (62.70 to 63.70): G6564.D

Ion 65.00 (64.70 to 65.70): G6564.D





#11

C057 trans-1,2-dichloroethene

Concen: 1.20 ng

RT: 3.33 min Scan# 312

Delta R.T. 0.00 min

Lab File: G6564.D

Acq: 30 Oct 2006 11:38

Tgt Ion: 96 Resp: 12712

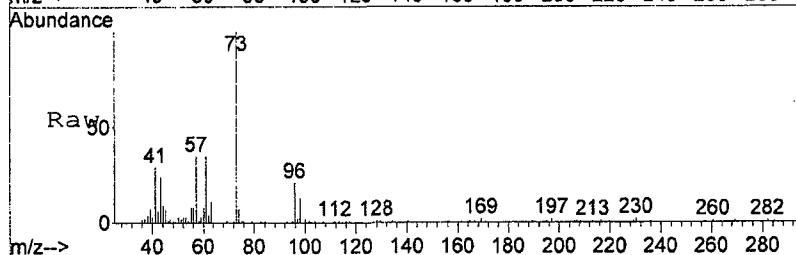
Ion Ratio Lower Upper

96 100

61 168.6 130.7 170.7

98 62.9 45.5 85.5

63 55.5 27.4 67.4

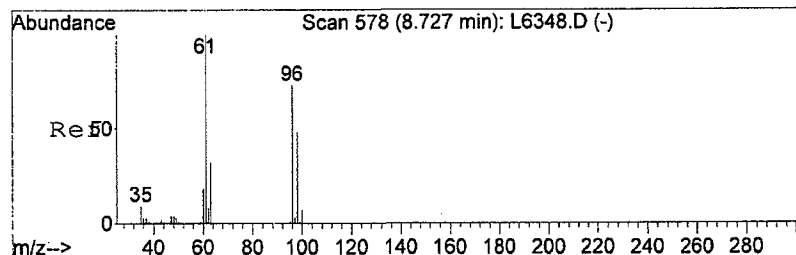
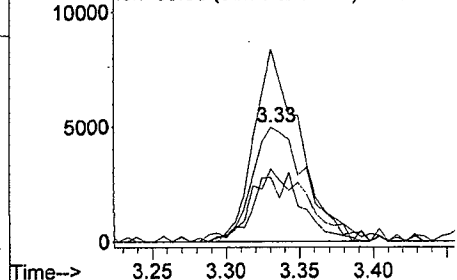
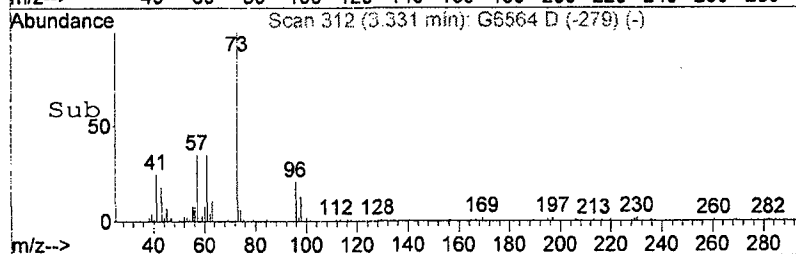


Abundance Ion 96.00 (95.70 to 96.70): G6564.D

Ion 61.00 (60.70 to 61.70): G6564.D

Ion 98.00 (97.70 to 98.70): G6564.D

Ion 63.00 (62.70 to 63.70): G6564.D



#12

C056 cis-1,2-Dichloroethene

Concen: 13.52 ng

RT: 4.10 min Scan# 439

Delta R.T. 0.01 min

Lab File: G6564.D

Acq: 30 Oct 2006 11:38

Tgt Ion: 96 Resp: 159144

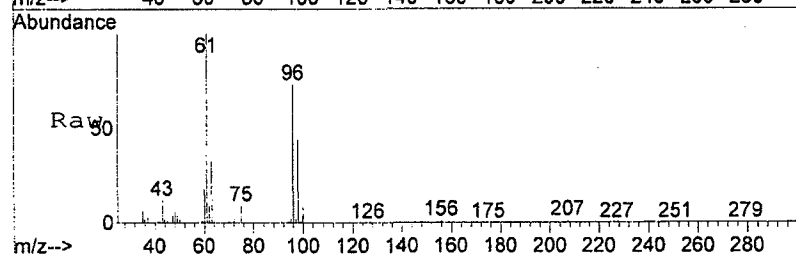
Ion Ratio Lower Upper

96 100

61 136.5 117.3 157.3

98 60.2 46.0 86.0

63 44.9 23.3 63.3

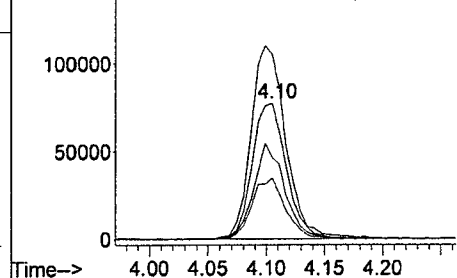
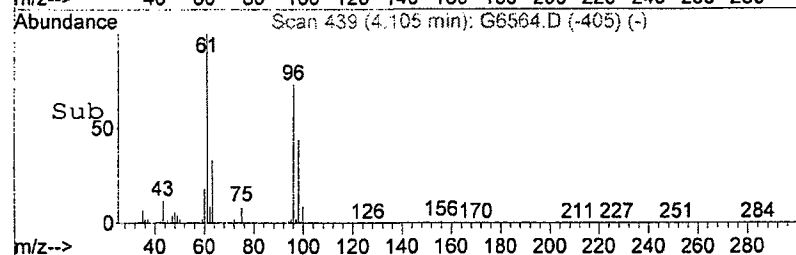


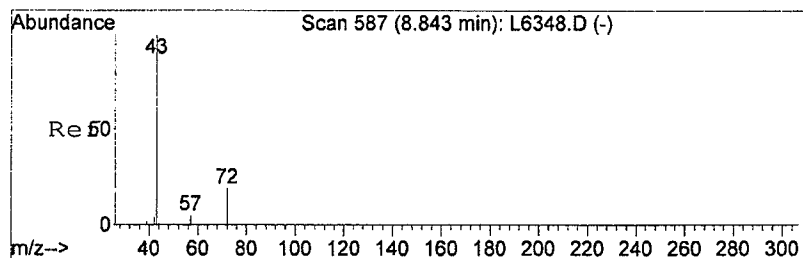
Abundance Ion 96.00 (95.70 to 96.70): G6564.D

Ion 61.00 (60.70 to 61.70): G6564.D

Ion 98.00 (97.70 to 98.70): G6564.D

Ion 63.00 (62.70 to 63.70): G6564.D

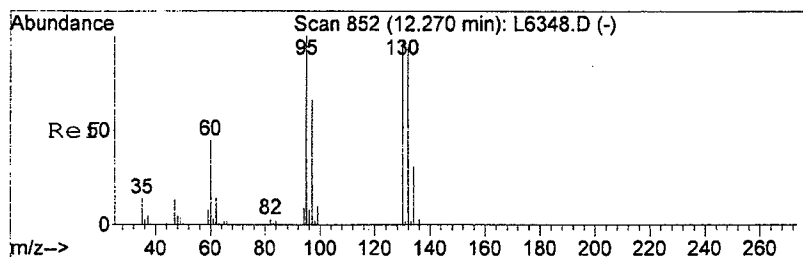
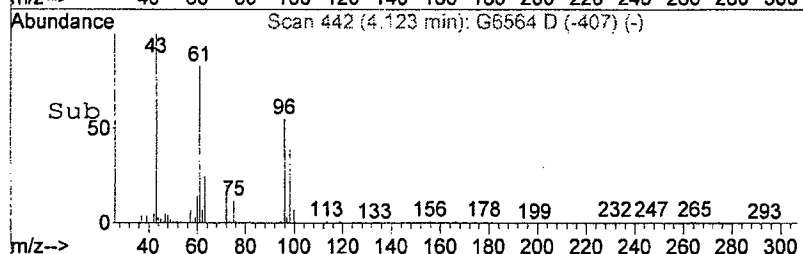
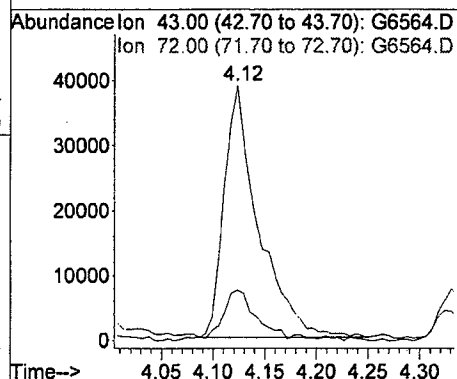
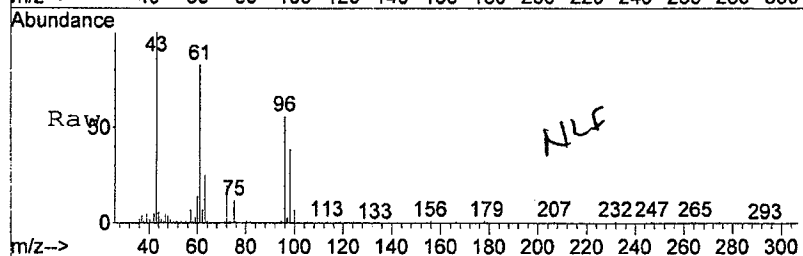




#17

C110 2-Butanone
 Concen: 11.35 ng
 RT: 4.12 min Scan# 442
 Delta R.T. 0.01 min
 Lab File: G6564.D
 Acq: 30 Oct 2006 11:38

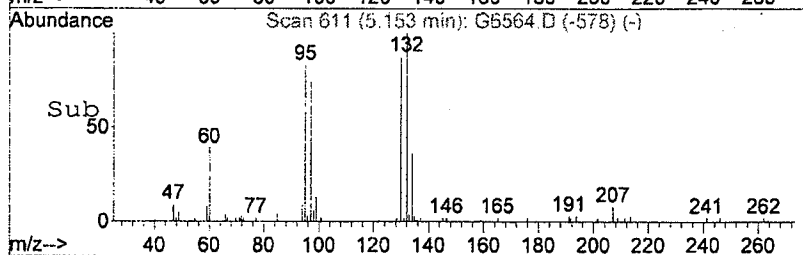
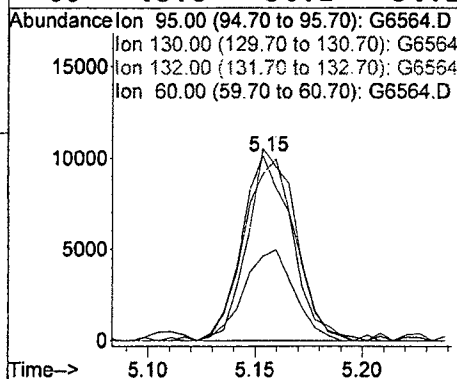
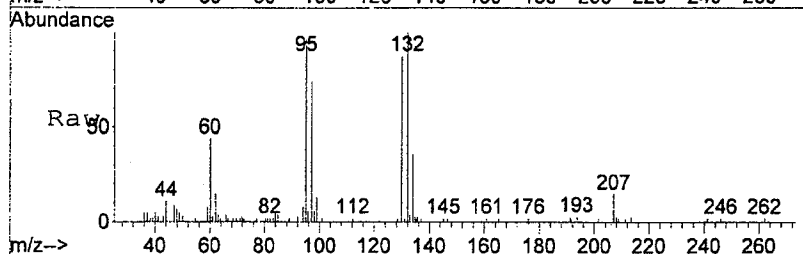
Tgt Ion: 43 Resp: 89532
 Ion Ratio Lower Upper
 43 100
 72 19.7 0.0 38.5

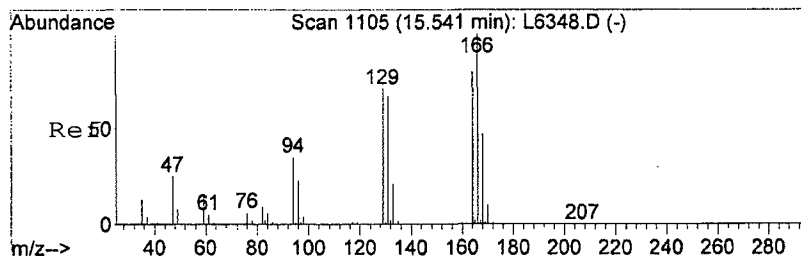


#21

C150 Trichloroethene
 Concen: 1.63 ng
 RT: 5.15 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: G6564.D
 Acq: 30 Oct 2006 11:38

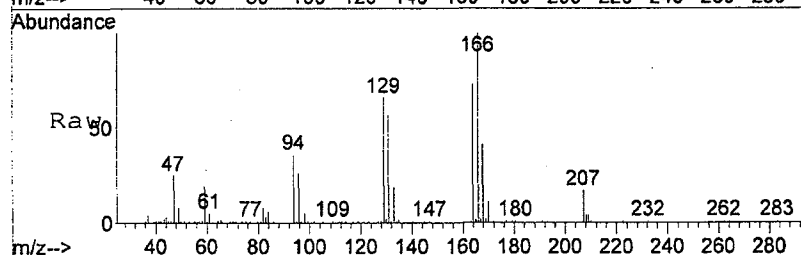
Tgt Ion: 95 Resp: 16373
 Ion Ratio Lower Upper
 95 100
 130 90.2 76.7 115.1
 132 108.3 75.3 112.9
 60 45.5 36.2 54.2





#29
C220 Tetrachloroethene
Concen: 5.44 ng
RT: 6.41 min Scan# 817
Delta R.T. -0.01 min
Lab File: G6564.D
Acq: 30 Oct 2006 11:38

Tgt Ion	Ratio	Lower	Upper
166	100		
164	73.2	63.9	95.9
131	58.4	53.9	80.9
94	35.8	28.3	42.5



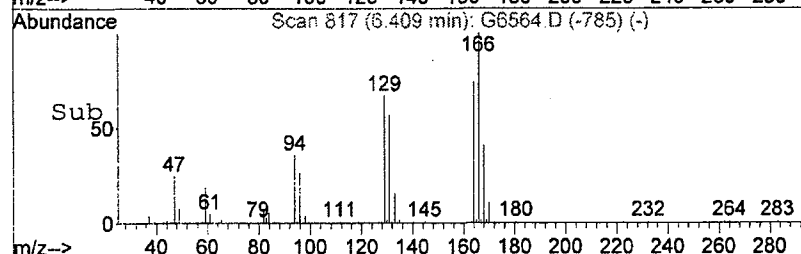
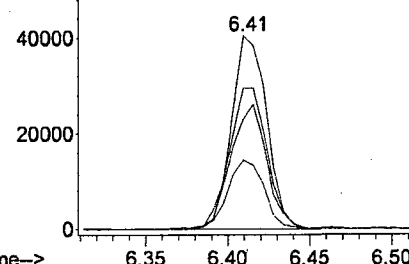
Abundance

Ion 166.00 (165.70 to 166.70): G6564.D

Ion 164.00 (163.70 to 164.70): G6564.D

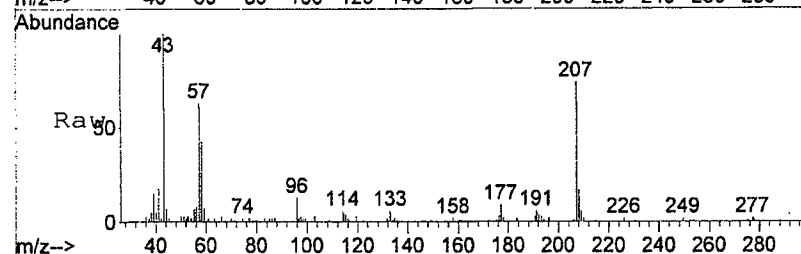
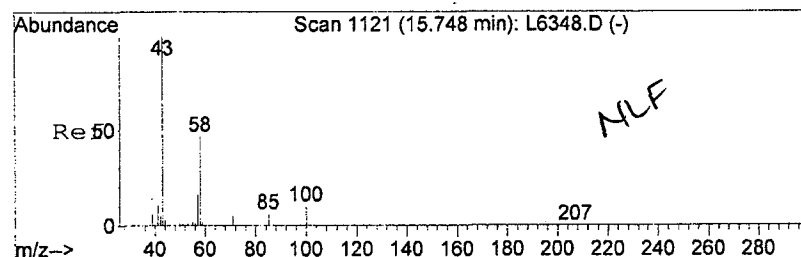
Ion 131.00 (130.70 to 131.70): G6564.D

Ion 94.00 (93.70 to 94.70): G6564.D



#32
C215 2-Hexanone
Concen: 2.37 ng
RT: 6.34 min Scan# 806
Delta R.T. -0.13 min
Lab File: G6564.D
Acq: 30 Oct 2006 11:38

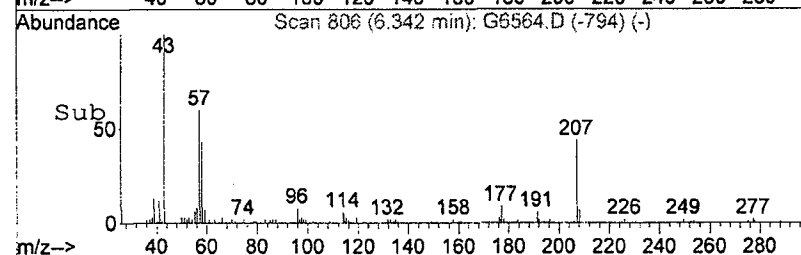
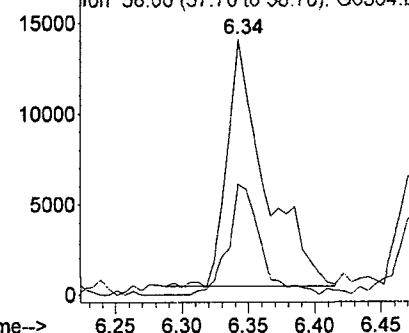
Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.4	37.8	56.8



Abundance

Ion 43.00 (42.70 to 43.70): G6564.D

Ion 58.00 (57.70 to 58.70): G6564.D



102/426

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) WATERLab Sample ID: A6C51203Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6565.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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)	1	J
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6565.D

Acq On : 30 Oct 2006 12:00

Sample : A6C51203

Misc :

MS Integration Params: RTEINT2.P

Vial: 8

Operator: LH

Inst : HP5973G

Multiplr: 1.00

Quant Time: Oct 30 14:33:56 2006

Results File: A6I0002079.RES

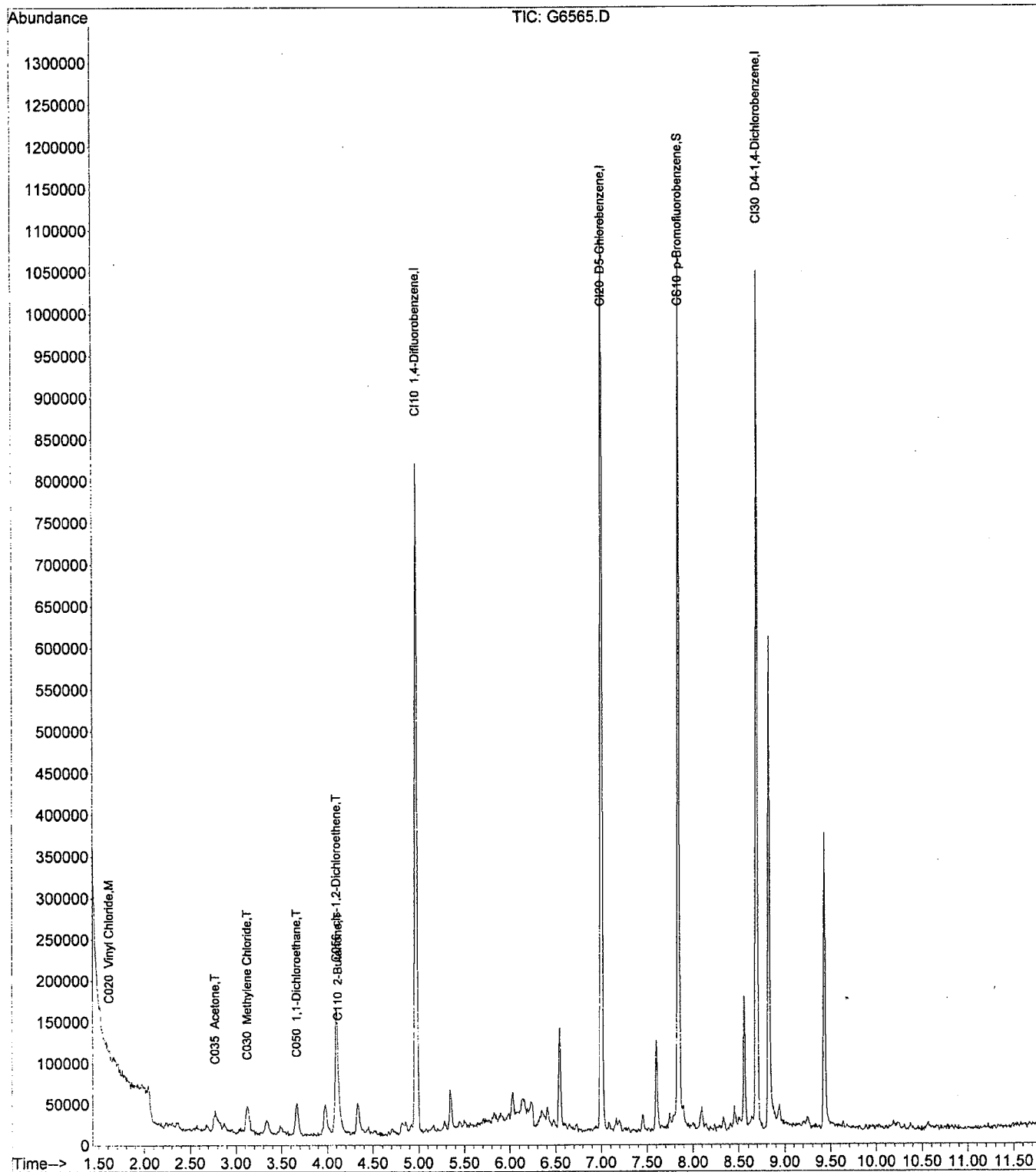
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6565.D
Acq On : 30 Oct 2006 12:00
Sample : A6C51203
Misc :

Vial: 8
Operator: LH
Inst : HP5973G
Multiplr: 1.00

MS Integration Params: RTEINT2.P
Quant Time: Oct 30 14:33:56 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.97	114	592810	25.00 ng	0.00
							88.23% -
18)	CI20	D5-Chlorobenzene	7.00	117	535628	25.00 ng	0.00
							87.88% /
41)	CI30	D4-1,4-Dichlorobenze	8.70	152	258488	25.00 ng	0.00
							67.16% -

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 250445 25.70 ng 0.00
Spiked Amount 25.000 Range 80 - 120 Recovery = 102.80%

Target Compounds

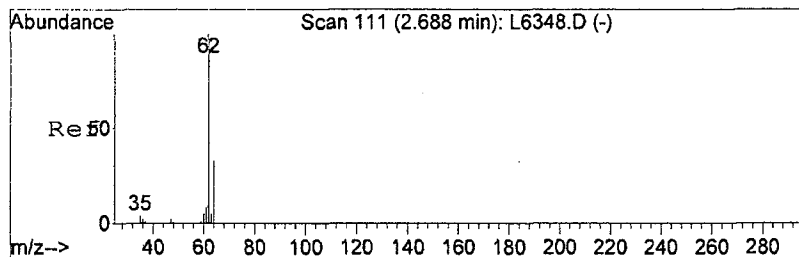
							Qvalue
2)	C010	Chloromethane	1.52	50	9997	N.D.	
3)	C015	Bromomethane	1.92	94	1117	N.D.	
4)	C020	Vinyl Chloride	1.62	62	16708	1.34 ng	87
5)	C025	Chloroethane	2.03	64	1754	N.D.	
6)	C030	Methylene Chloride	3.12	84	13589	1.05 ng	95
7)	C035	Acetone	2.77	43	54637	10.84 ng	96
8)	C040	Carbon Disulfide	2.87	76	17492	N.D.	
9)	C045	1,1-Dichloroethene	2.68	96	521	N.D.	
10)	C050	1,1-Dichloroethane	3.66	63	43516	2.15 ng	83
11)	C057	trans-1,2-dichloro	3.32	96	2449	N.D.	
12)	C056	cis-1,2-Dichloroethe	4.10	96	60461	5.19 ng	92
13)	C125	Vinyl Acetate	3.50	43	8750	N.D.	
14)	C060	Chloroform	4.32	83	616	N.D.	
15)	C222	Bromochloromethane	4.26	128	147	N.D.	
16)	C065	1,2-Dichloroethane	4.73	62	1548	N.D.	
17)	C110	2-Butanone	4.12	43	36910	4.73 ng	90
19)	C115	1,1,1-Trichloroeth	4.45	97	2755	N.D.	
20)	C120	Carbon Tetrachlori	4.57	117	231	N.D.	
21)	C150	Trichloroethene	5.15	95	2615	N.D.	
22)	C130	Bromodichlorometha	5.48	83	256	N.D.	
23)	C140	1,2-Dichloropropan	5.33	63	127	N.D.	
24)	C145	cis-1,3-Dichloropr	5.79	75	462	N.D.	
25)	C165	Benzene	4.70	78	3379	N.D.	
26)	C155	Dibromochlorometha	6.60	129	92	N.D.	
27)	C170	trans-1,3-Dichloro	6.21	75	319	N.D.	
28)	C160	1,1,2-Trichloroeth	6.33	97	381	N.D.	
29)	C220	Tetrachloroethene	6.41	166	4096	N.D.	
30)	C163	1,2-Dibromoethane	6.60	107	75	N.D.	
31)	C210	4-Methyl-2-Pentano	5.99	43	286	N.D.	
32)	C215	2-Hexanone	6.47	43	5082	N.D.	
33)	C230	Toluene	6.03	91	17487	N.D.	
34)	C235	Chlorobenzene	7.01	112	939	N.D.	
35)	C240	Ethylbenzene	7.08	91	2268	N.D.	
36)	C246	m,p-Xylene	7.16	106	3283	N.D.	
37)	C247	o-Xylene	7.45	106	1724	N.D.	
38)	C245	Styrene	7.52	104	143	N.D.	
40)	C225	1,1,2,2-Tetrachlor	7.95	83	322	N.D.	
42)	C180	Bromoform	7.57	173	130	N.D.	
43)	C260	1,3-Dichlorobenzen	8.65	146	143	N.D.	
44)	C267	1,4-Dichlorobenzen	8.70	146	450	N.D.	
45)	C249	1,2-Dichlorobenzen	8.97	146	571	N.D.	

Data File : D:\MSDCHEM\G\DATA\103006\G6565.D Vial: 8
Acq On : 30 Oct 2006 12:00 Operator: LH
Sample : A6C51203 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 14:33:56 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
46) C286 1,2-Dibromo-3-Chlo	9.59	75	200	N.D.		
47) C313 1,2,4-Trichloroben	10.20	180	2119	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#4

C020 Vinyl Chloride

Concen: 1.34 ng

RT: 1.62 min Scan# 31

Delta R.T. 0.00 min

Lab File: G6565.D

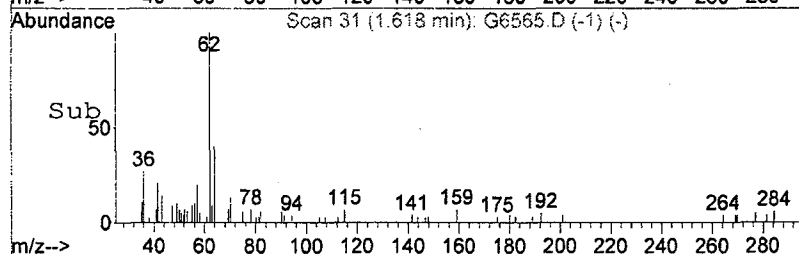
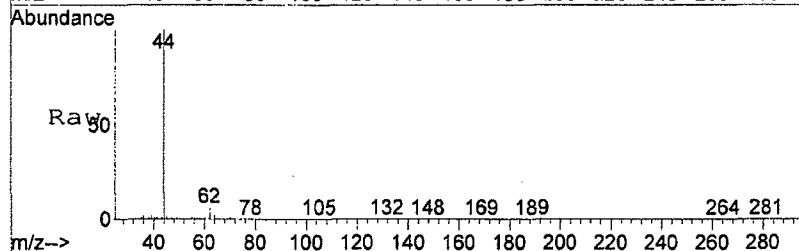
Acq: 30 Oct 2006 12:00

Tgt Ion: 62 Resp: 16708

Ion Ratio Lower Upper

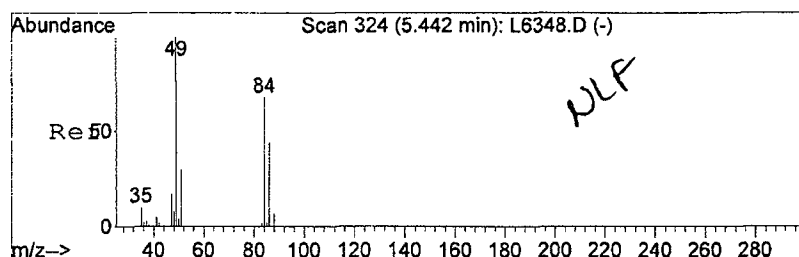
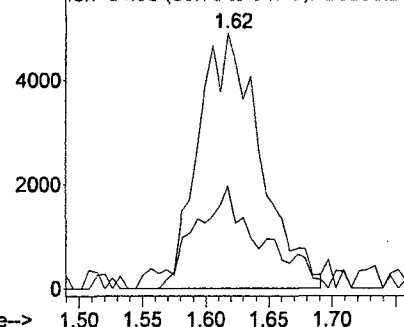
62 100

64 40.0 12.7 52.7



Abundance Ion 62.00 (61.70 to 62.70): G6565.D

Ion 64.00 (63.70 to 64.70): G6565.D



#6

C030 Methylene Chloride

Concen: 1.05 ng

RT: 3.12 min Scan# 278

Delta R.T. 0.01 min

Lab File: G6565.D

Acq: 30 Oct 2006 12:00

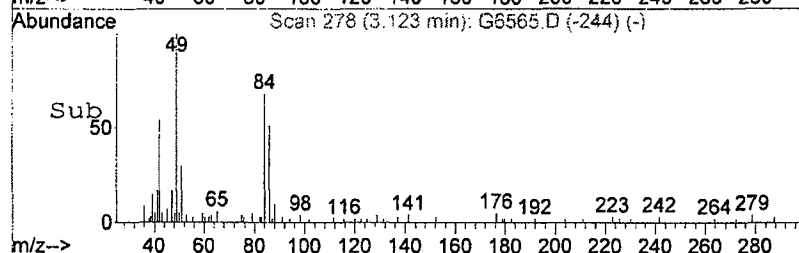
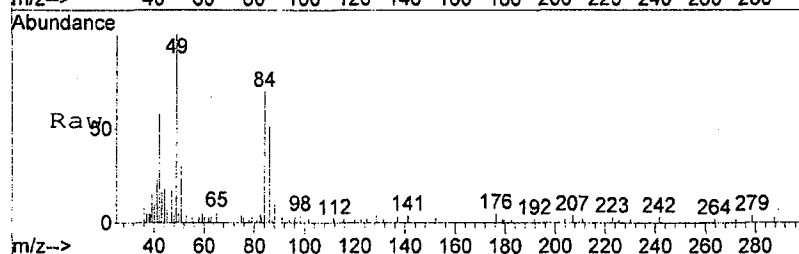
Tgt Ion: 84 Resp: 13589

Ion Ratio Lower Upper

84 100

49 142.9 126.2 166.2

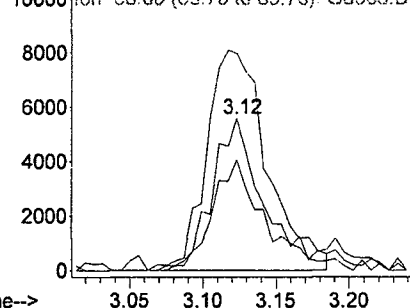
86 72.8 43.8 83.8

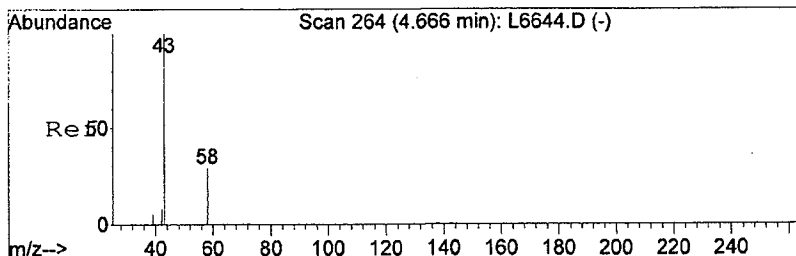


Abundance Ion 84.00 (83.70 to 84.70): G6565.D

Ion 49.00 (48.70 to 49.70): G6565.D

Ion 86.00 (85.70 to 86.70): G6565.D





#7

C035 Acetone

Concen: 10.84 ng

RT: 2.77 min Scan# 220

Delta R.T. 0.00 min

Lab File: G6565.D

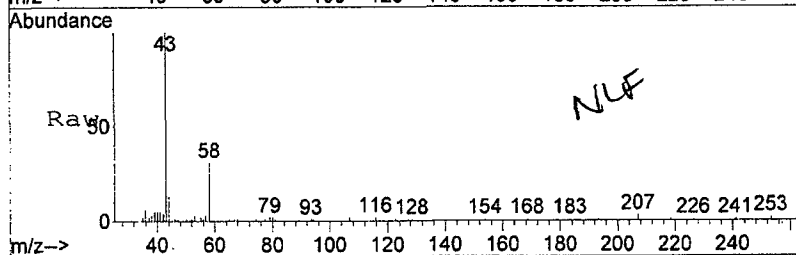
Acq: 30 Oct 2006 12:00

Tgt Ion: 43 Resp: 54637

Ion Ratio Lower Upper

43 100

58 30.7 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6565.D

Ion 58.00 (57.70 to 58.70): G6565.D

2.77

15000

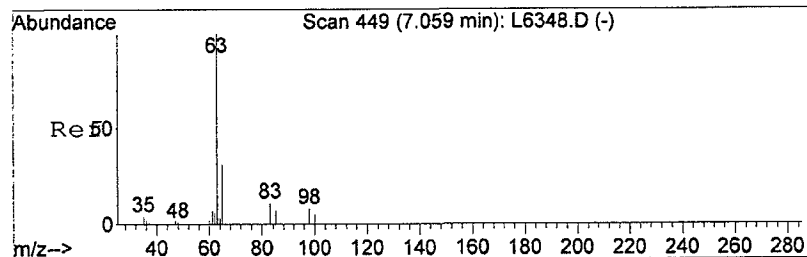
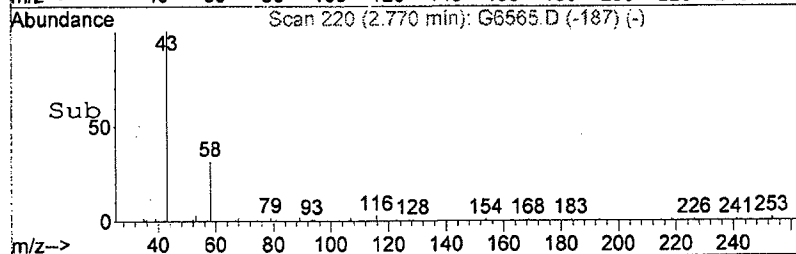
10000

5000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#10

C050 1,1-Dichloroethane

Concen: 2.15 ng

RT: 3.66 min Scan# 366

Delta R.T. -0.01 min

Lab File: G6565.D

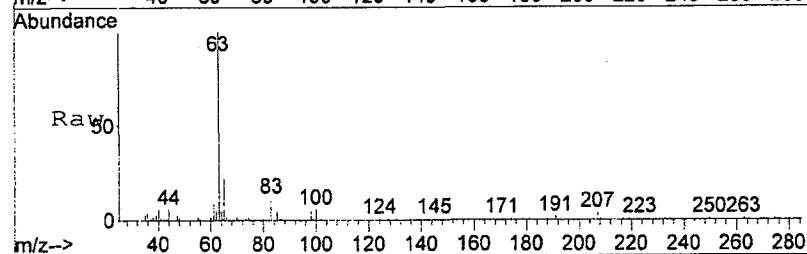
Acq: 30 Oct 2006 12:00

Tgt Ion: 63 Resp: 43516

Ion Ratio Lower Upper

63 100

65 21.5 11.1 51.1



Abundance Ion 63.00 (62.70 to 63.70): G6565.D

Ion 65.00 (64.70 to 65.70): G6565.D

3.66

20000

15000

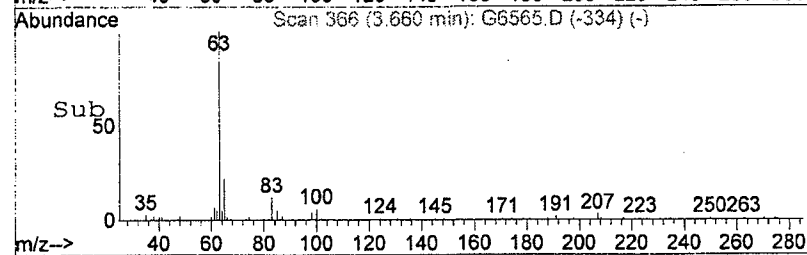
10000

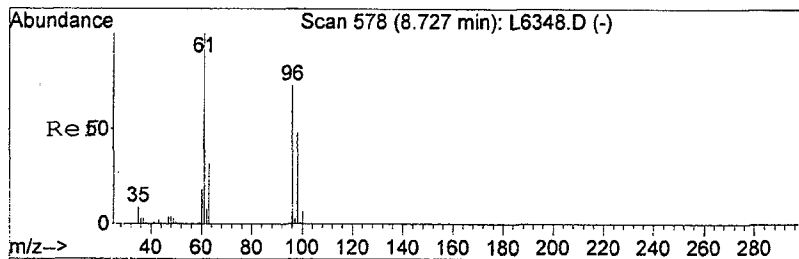
5000

0

Time-->

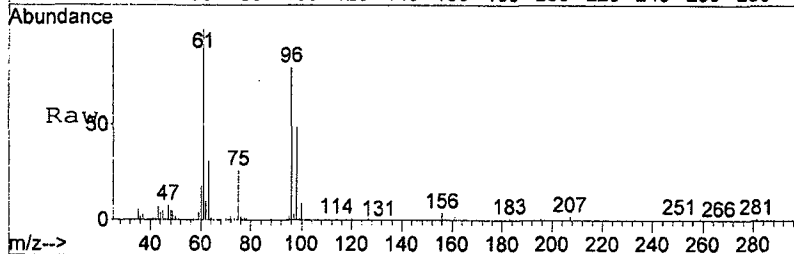
3.55 3.60 3.65 3.70 3.75



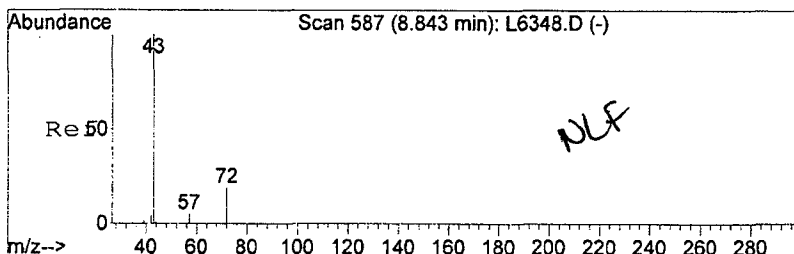
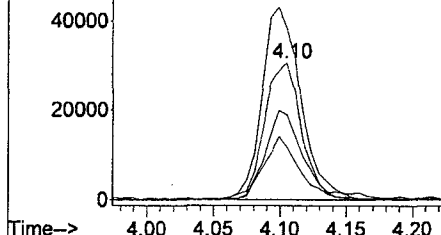
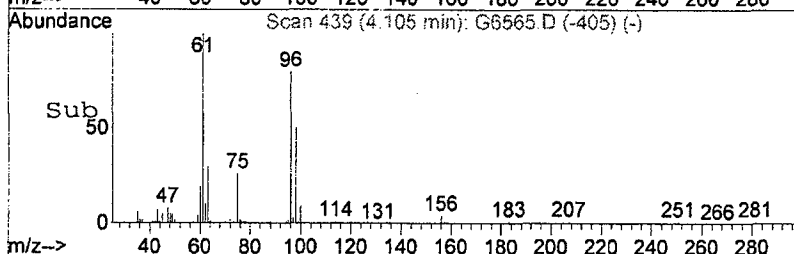


#12
C056 cis-1,2-Dichloroethene
Concen: 5.19 ng
RT: 4.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: G6565.D
Acq: 30 Oct 2006 12:00

Tgt Ion: 96 Resp: 60461
Ion Ratio Lower Upper
96 100
61 125.4 117.3 157.3
98 61.9 46.0 86.0
63 38.4 23.3 63.3

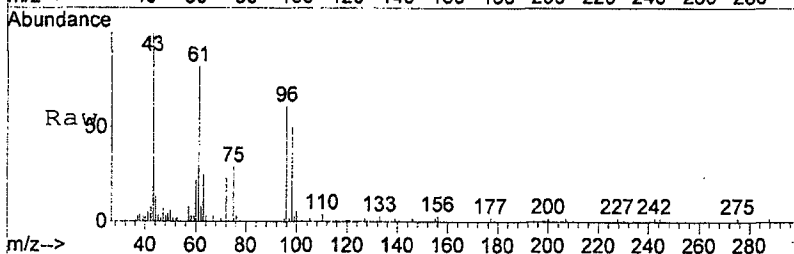


Abundance Ion 96.00 (95.70 to 96.70): G6565.D
Ion 61.00 (60.70 to 61.70): G6565.D
Ion 98.00 (97.70 to 98.70): G6565.D
Ion 63.00 (62.70 to 63.70): G6565.D

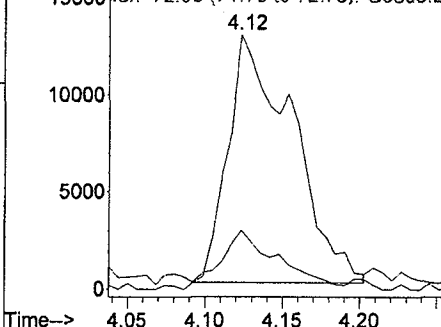
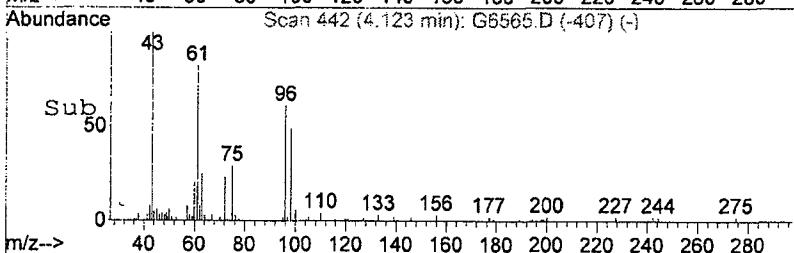


#17
C110 2-Butanone
Concen: 4.73 ng
RT: 4.12 min Scan# 442
Delta R.T. 0.01 min
Lab File: G6565.D
Acq: 30 Oct 2006 12:00

Tgt Ion: 43 Resp: 36910
Ion Ratio Lower Upper
43 100
72 23.0 0.0 38.5



Abundance Ion 43.00 (42.70 to 43.70): G6565.D
Ion 72.00 (71.70 to 72.70): G6565.D



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

A-43S

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6C51204Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6566.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6566.D

Vial: 9

Acq On : 30 Oct 2006 12:23

Operator: LH

Sample : A6C51204

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:06 2006

Results File: A6I0002079.RES

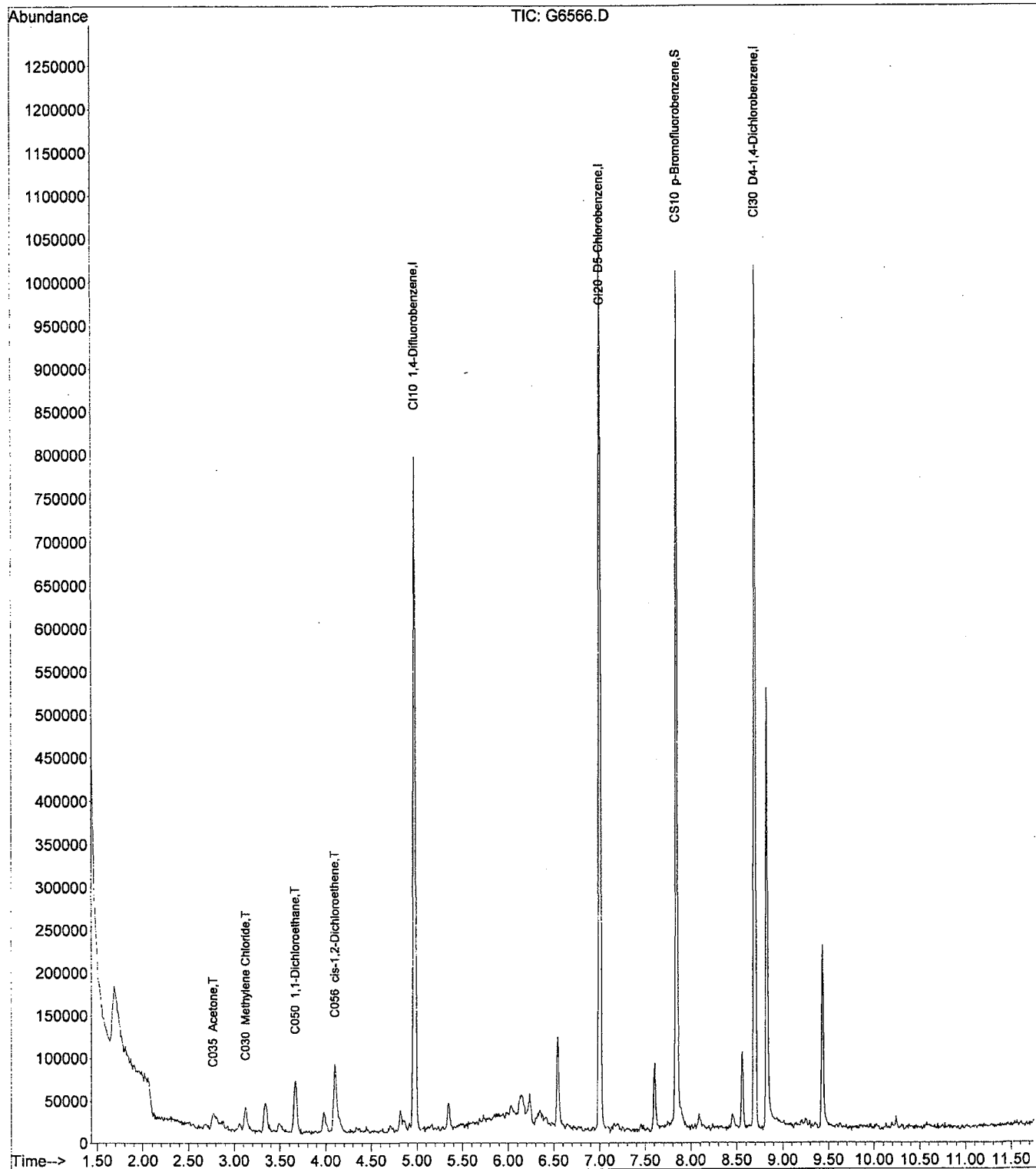
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6566.D
Acq On : 30 Oct 2006 12:23
Sample : A6C51204
Misc :
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 14:34:06 2006

Vial: 9
Operator: LH
Inst : HP5973G
Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

SHE 10/30/06
HIS

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev (Min)
							Rcv (Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	575772	25.00	ng	0.00
							85.69% -
18)	CI20 D5-Chlorobenzene	7.00	117	532808	25.00	ng	0.00
							87.42% -
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	258952	25.00	ng	0.00
							67.28% -

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 243620 25.13 ng 0.00
Spiked Amount 25.000 Range 80 - 120 Recovery = 100.52%

MD

Target Compounds

							Qvalue
2)	C010 Chloromethane	1.50	50	1616	N.D.		
3)	C015 Bromomethane	1.92	94	350	N.D.		
4)	C020 Vinyl Chloride	1.60	62	3153	N.D.		
5)	C025 Chloroethane	2.08	64	272	N.D.		
6)	C030 Methylene Chloride	3.12	84	15719	1.25 ng	#	81
7)	C035 Acetone	2.77	43	49387	10.09 ng		85
8)	C040 Carbon Disulfide	2.87	76	13848	N.D.		
9)	C045 1,1-Dichloroethene	2.69	96	1013	N.D.		
10)	C050 1,1-Dichloroethane	3.67	63	69835	3.55 ng	-	99
11)	C057 trans-1,2-dichloro	3.33	96	885	N.D.		
12)	C056 cis-1,2-Dichloroethe	4.10	96	28861	2.55 ng	-	94
13)	C125 Vinyl Acetate	3.59	43	841	N.D.		
14)	C060 Chloroform	4.32	83	482	N.D.		
15)	C222 Bromochloromethane	4.23	128	139	N.D.		
16)	C065 1,2-Dichloroethane	4.74	62	2397	N.D.		
17)	C110 2-Butanone	4.08	43	954	N.D.		
19)	C115 1,1,1-Trichloroeth	4.46	97	2900	N.D.		
20)	C120 Carbon Tetrachlori	4.45	117	435	N.D.		
21)	C150 Trichloroethene	5.16	95	1909	N.D.		
22)	C130 Bromodichlorometha	5.46	83	78	N.D.		
23)	C140 1,2-Dichloropropan	5.34	63	79	N.D.		
24)	C145 cis-1,3-Dichloropr	5.96	75	501	N.D.		
25)	C165 Benzene	4.70	78	6210	N.D.		
26)	C155 Dibromochlorometha	6.61	129	67	N.D.		
27)	C170 trans-1,3-Dichloro	6.32	75	797	N.D.		
28)	C160 1,1,2-Trichloroeth	6.33	97	237	N.D.		
29)	C220 Tetrachloroethene	6.42	166	2059	N.D.		
30)	C163 1,2-Dibromoethane	6.68	107	133	N.D.		
31)	C210 4-Methyl-2-Pentano	5.90	43	1274	N.D.		
32)	C215 2-Hexanone	6.34	43	4034	N.D.		
33)	C230 Toluene	6.03	91	7397	N.D.		
34)	C235 Chlorobenzene	7.02	112	1839	N.D.		
35)	C240 Ethylbenzene	7.09	91	1287	N.D.		
36)	C246 m,p-Xylene	7.15	106	1364	N.D.		
37)	C247 o-Xylene	7.45	106	1050	N.D.		
38)	C245 Styrene	7.46	104	429	N.D.		
40)	C225 1,1,2,2-Tetrachlor	7.96	83	330	N.D.		
42)	C180 Bromoform	7.61	173	94	N.D.		
43)	C260 1,3-Dichlorobenzen	8.65	146	158	N.D.		
44)	C267 1,4-Dichlorobenzen	8.70	146	620	N.D.		
45)	C249 1,2-Dichlorobenzen	8.99	146	96	N.D.		

11/6/06

Data File : D:\MSDCHEM\G\DATA\103006\G6566.D

Vial: 9

Acq On : 30 Oct 2006 12:23

Operator: LH

Sample : A6C51204

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:06 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

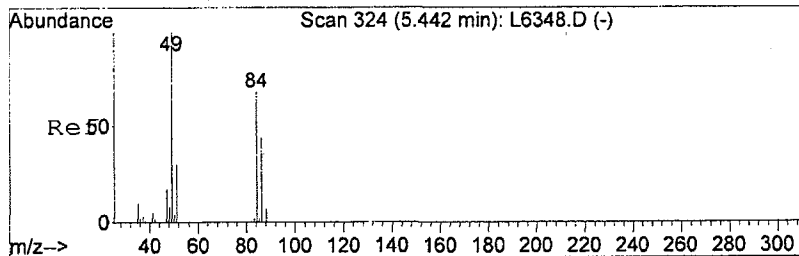
Internal Standards

R.T. QIon Response Conc Units Dev(Min)
Rcv(Ar)

46)	C286	1,2-Dibromo-3-Chlo	9.46	75	264	N.D.
47)	C313	1,2,4-Trichloroben	10.19	180	1198	N.D.

(#). = qualifier out of range (m) = manual integration (+) = signals summed

A6I
11/6/06



#6

C030 Methylene Chloride

Concen: 1.25 ng

RT: 3.12 min Scan# 277

Delta R.T. 0.00 min

Lab File: G6566.D

Acq: 30 Oct 2006 12:23

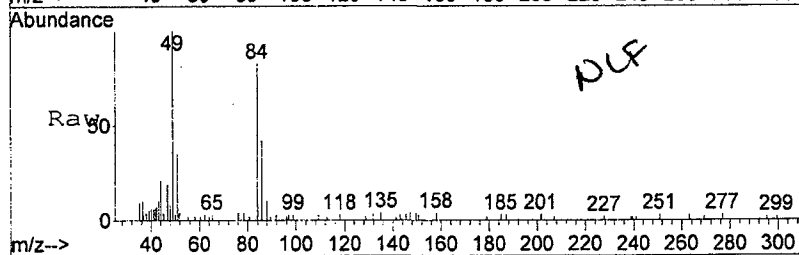
Tgt Ion: 84 Resp: 15719

Ion Ratio Lower Upper

84 100

49 120.4 126.2 166.2#

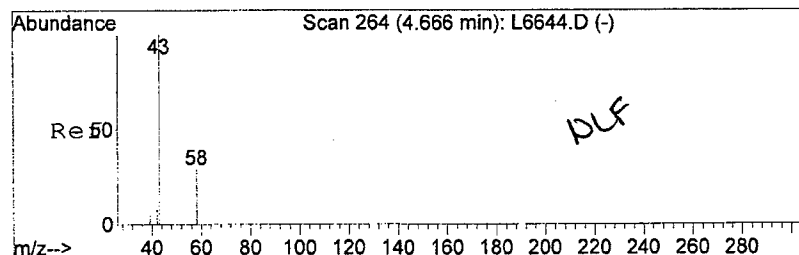
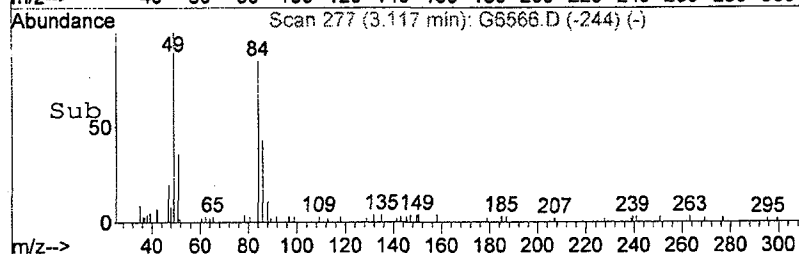
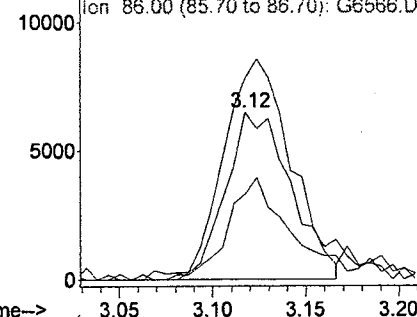
86 50.9 43.8 83.8



Abundance Ion 84.00 (83.70 to 84.70): G6566.D

Ion 49.00 (48.70 to 49.70): G6566.D

Ion 86.00 (85.70 to 86.70): G6566.D



#7

C035 Acetone

Concen: 10.09 ng

RT: 2.77 min Scan# 220

Delta R.T. 0.00 min

Lab File: G6566.D

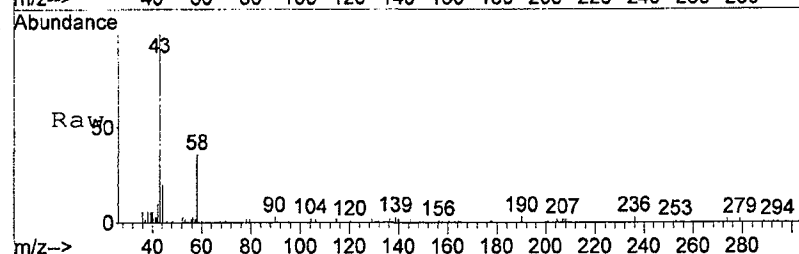
Acq: 30 Oct 2006 12:23

Tgt Ion: 43 Resp: 49387

Ion Ratio Lower Upper

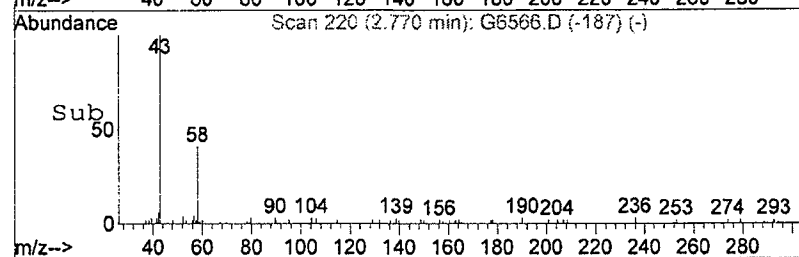
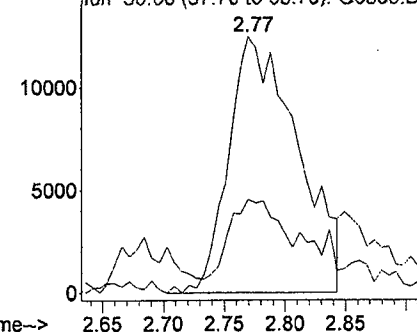
43 100

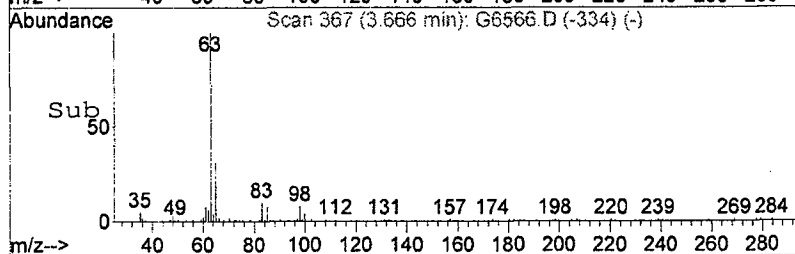
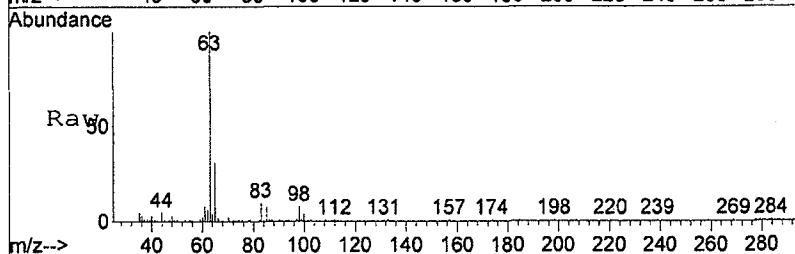
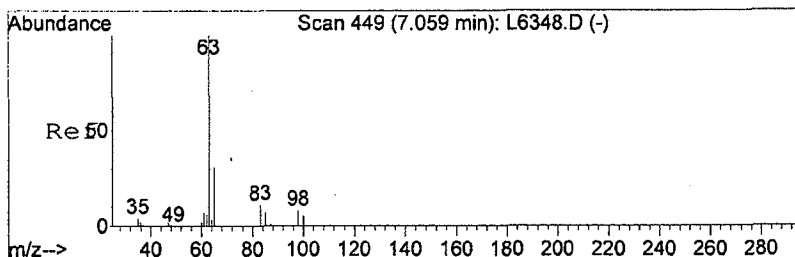
58 36.4 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6566.D

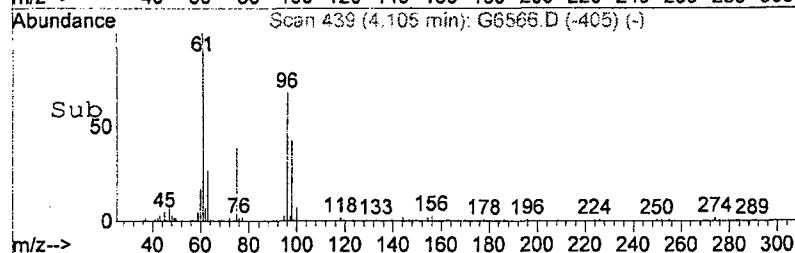
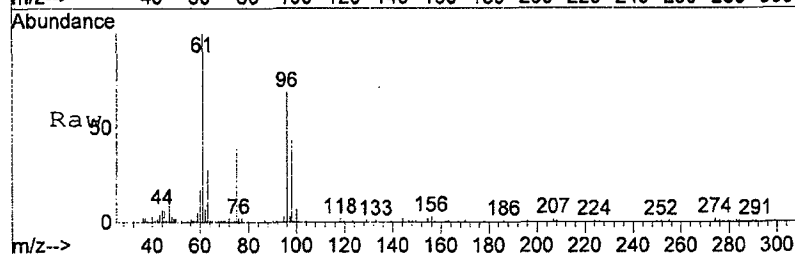
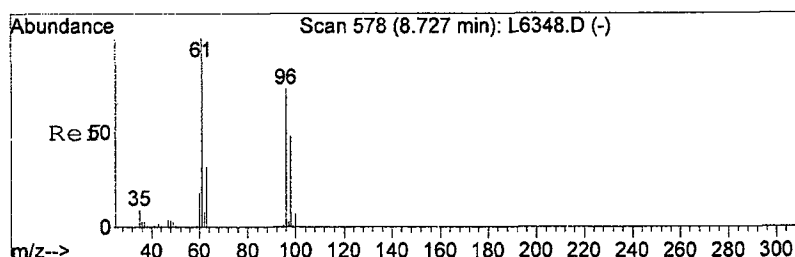
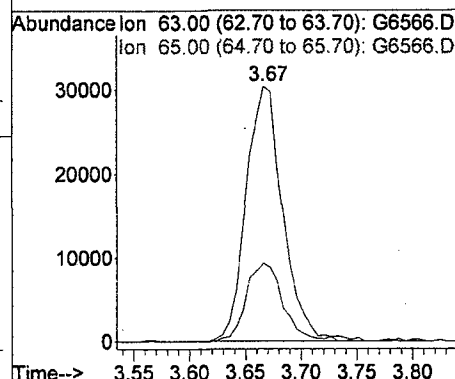
Ion 58.00 (57.70 to 58.70): G6566.D





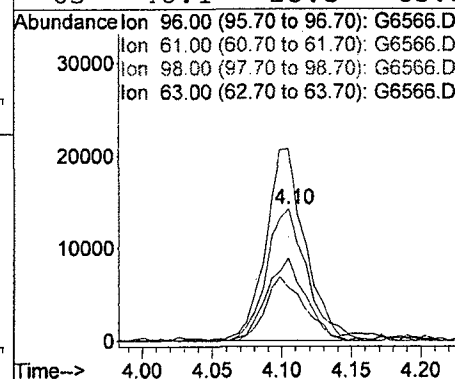
#10
C050 1,1-Dichloroethane
Concen: 3.55 ng
RT: 3.67 min Scan# 367
Delta R.T. 0.00 min
Lab File: G6566.D
Acq: 30 Oct 2006 12:23

Tgt Ion: 63 Resp: 69835
Ion Ratio Lower Upper
63 100
65 30.8 11.1 51.1



#12
C056 cis-1,2-Dichloroethene
Concen: 2.55 ng
RT: 4.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: G6566.D
Acq: 30 Oct 2006 12:23

Tgt Ion: 96 Resp: 28861
Ion Ratio Lower Upper
96 100
61 145.8 117.3 157.3
98 62.5 46.0 86.0
63 40.1 23.3 63.3



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) WATERLab Sample ID: A6C51205Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6567.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6567.D

Vial: 10

Acq On : 30 Oct 2006 12:45

Operator: LH

Sample : A6C51205

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:14 2006

Results File: A6I0002079.RES

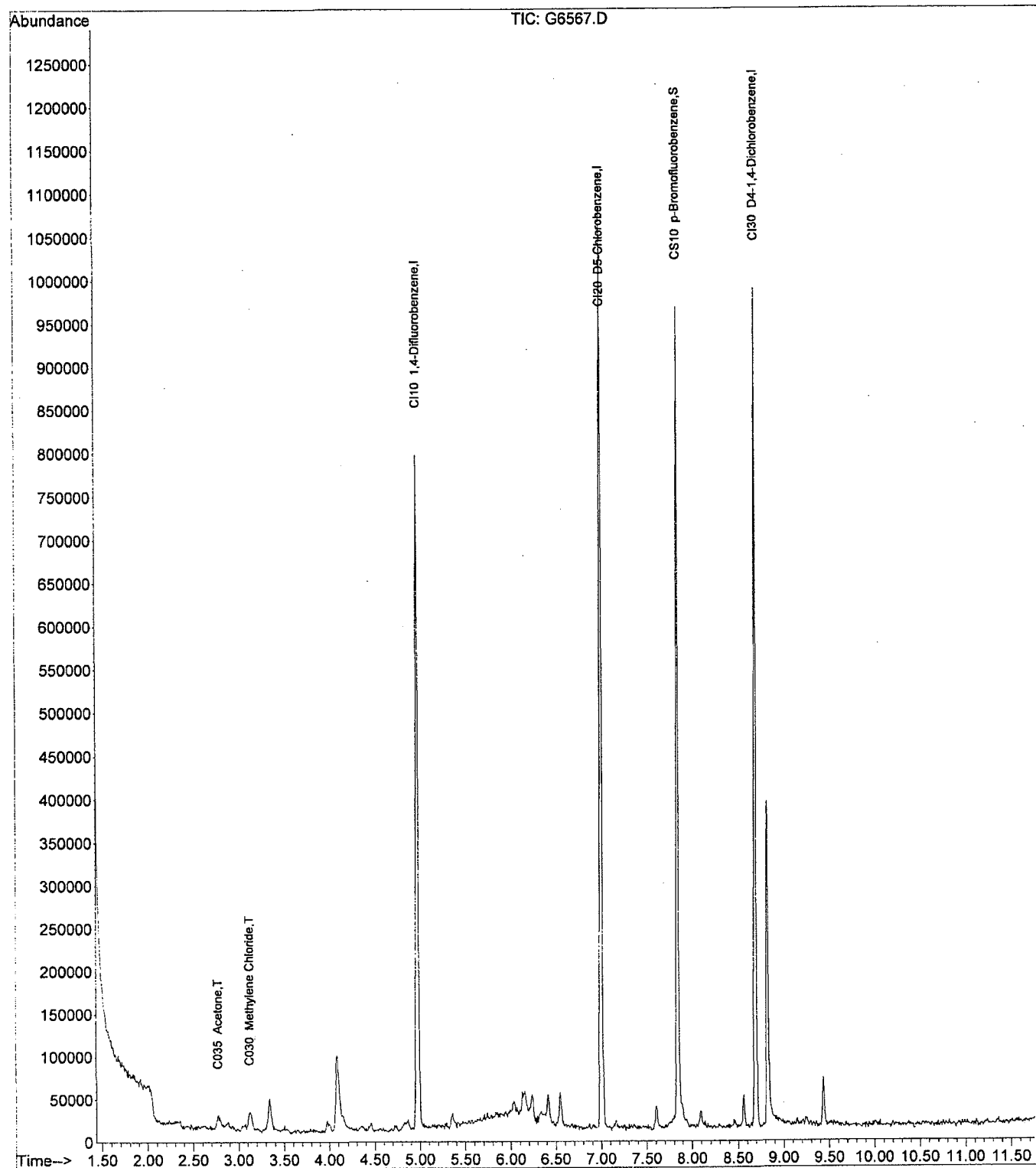
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6567.D

Vial: 10

Acq On : 30 Oct 2006 12:45

Operator: LH

Sample : A6C51205

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:14 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

See 10/30/06
+ fics

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	574380	25.00	ng	0.00	85.48%
18)	CI20 D5-Chlorobenzene	7.00	117	525217	25.00	ng	0.00	86.18%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	245269	25.00	ng	0.00	63.73%

System Monitoring Compounds

39)	CS10 p-Bromofluorobenzene	7.84	174	232974	24.38	ng	0.00
Spiked Amount		25.000	Range	80 - 120	Recovery	=	97.52%

Qvalue

Target Compounds

2)	C010 Chloromethane	1.51	50	1926	N.D.		
3)	C015 Bromomethane	1.94	94	312	N.D.		
4)	C020 Vinyl Chloride	1.61	62	974	N.D.		
5)	C025 Chloroethane	2.03	64	799	N.D.		
6)	C030 Methylene Chloride	3.12	84	13167	1.05	ng	83
7)	C035 Acetone	2.78	43	30970	6.3	ng	88
8)	C040 Carbon Disulfide	2.88	76	19843	N.D.		
9)	C045 1,1-Dichloroethene	2.68	96	166	N.D.		
10)	C050 1,1-Dichloroethane	3.65	63	900	N.D.		
11)	C057 trans-1,2-dichloro	3.34	96	128	N.D.		
12)	C056 cis-1,2-Dichloroet	4.10	96	613	N.D.		
13)	C125 Vinyl Acetate	3.71	43	315	N.D.		
14)	C060 Chloroform	4.49	83	155	N.D.		
15)	C222 Bromochloromethane	4.28	128	63	N.D.		
16)	C065 1,2-Dichloroethane	4.73	62	900	N.D.		
17)	C110 2-Butanone	4.09	43	3339	N.D.		
19)	C115 1,1,1-Trichloroeth	4.45	97	5562	N.D.		
20)	C120 Carbon Tetrachlori	4.56	117	132	N.D.		
21)	C150 Trichloroethene	5.03	95	308	N.D.		
22)	C130 Bromodichlorometha	5.51	83	85	N.D.		
23)	C140 1,2-Dichloropropan	5.21	63	141	N.D.		
24)	C145 cis-1,3-Dichloropr	5.83	75	805	N.D.		
25)	C165 Benzene	4.70	78	2120	N.D.		
26)	C155 Dibromochlorometha	6.74	129	162	N.D.		
27)	C170 trans-1,3-Dichloro	6.02	75	279	N.D.		
28)	C160 1,1,2-Trichloroeth	6.33	97	664	N.D.		
29)	C220 Tetrachloroethene	6.42	166	8689	N.D.		
30)	C163 1,2-Dibromoethane	6.73	107	66	N.D.		
31)	C210 4-Methyl-2-Pentano	5.82	43	271	N.D.		
32)	C215 2-Hexanone	6.45	43	302	N.D.		
33)	C230 Toluene	6.03	91	8489	N.D.		
34)	C235 Chlorobenzene	7.14	112	485	N.D.		
35)	C240 Ethylbenzene	7.17	91	2675	N.D.		
36)	C246 m,p-Xylene	7.17	106	1349	N.D.		
37)	C247 o-Xylene	7.45	106	713	N.D.		
38)	C245 Styrene	7.45	104	684	N.D.		
40)	C225 1,1,2,2-Tetrachlor	7.90	83	160	N.D.		
42)	C180 Bromoform	7.64	173	119	N.D.		
43)	C260 1,3-Dichlorobenzen	8.66	146	462	N.D.		
44)	C267 1,4-Dichlorobenzen	8.71	146	690	N.D.		
45)	C249 1,2-Dichlorobenzen	8.98	146	265	N.D.		

avg
11/6/00

Data File : D:\MSDCHEM\G\DATA\103006\G6567.D Vial: 10
Acq On : 30 Oct 2006 12:45 Operator: LH
Sample : A6C51205 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 14:34:14 2006 Results File: A6I0002079.RES

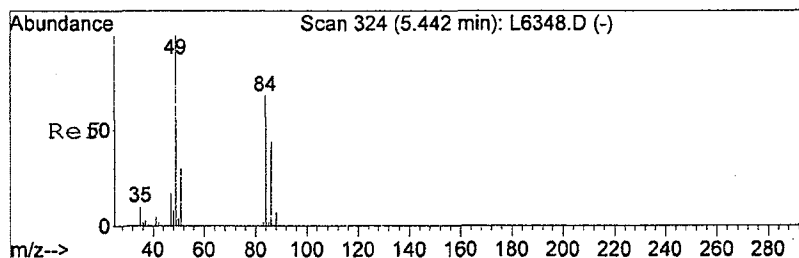
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

46) C286	1,2-Dibromo-3-Chlo	9.58	75	69	N.D.	
47) C313	1,2,4-Trichloroben	10.19	180	752	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Handwritten:
11/6/06



#6

C030 Methylene Chloride

Concen: 1.05 ng

RT: 3.12 min Scan# 278

Delta R.T. 0.01 min

Lab File: G6567.D

Acq: 30 Oct 2006 12:45

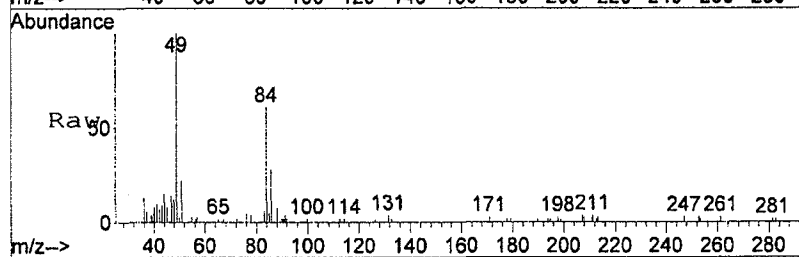
Tgt Ion: 84 Resp: 13167

Ion Ratio Lower Upper

84 100

49 164.0 126.2 166.2

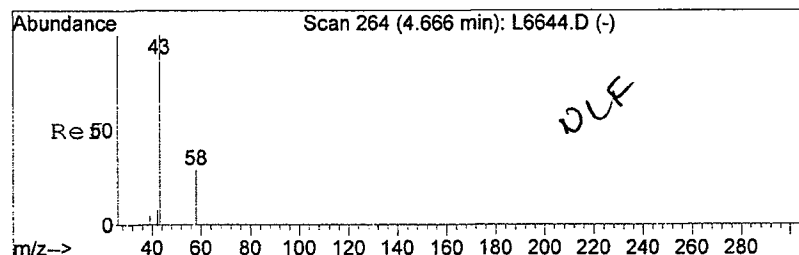
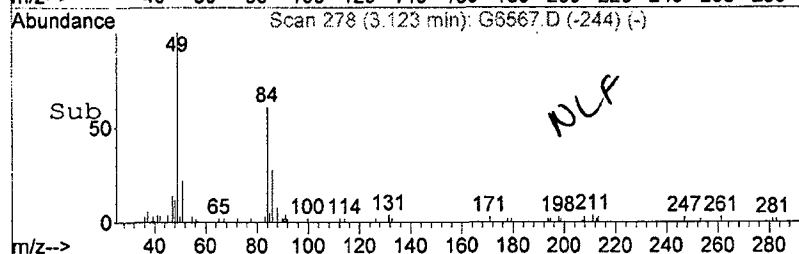
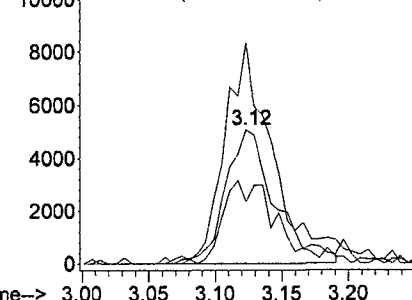
86 46.1 43.8 83.8



Abundance Ion 84.00 (83.70 to 84.70): G6567.D

Ion 49.00 (48.70 to 49.70): G6567.D

Ion 86.00 (85.70 to 86.70): G6567.D



#7

C035 Acetone

Concen: 6.34 ng

RT: 2.78 min Scan# 221

Delta R.T. 0.01 min

Lab File: G6567.D

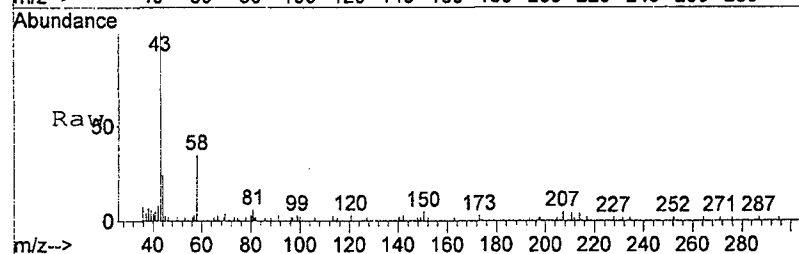
Acq: 30 Oct 2006 12:45

Tgt Ion: 43 Resp: 30970

Ion Ratio Lower Upper

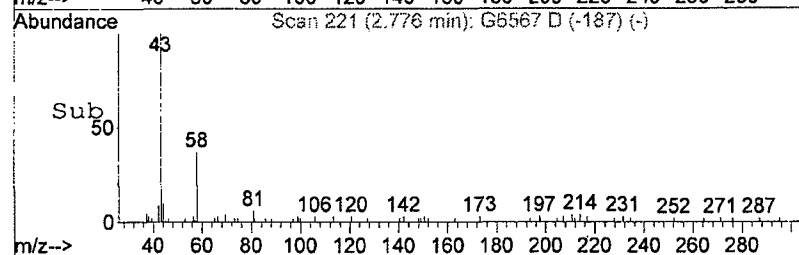
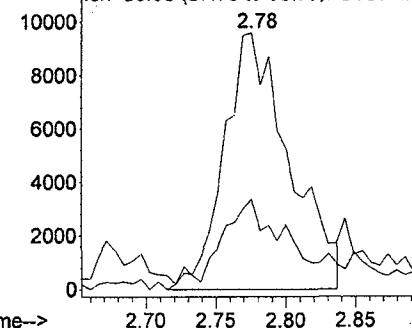
43 100

58 35.2 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6567.D

Ion 58.00 (57.70 to 58.70): G6567.D



120/426

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) WATERLab Sample ID: A6C51206Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6568.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	<u>UG/L</u>	
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
108-88-3-----	Toluene		1	U
75-01-4-----	Vinyl chloride		1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6568.D

Acq On : 30 Oct 2006 13:08

Sample : A6C51206

Misc :

MS Integration Params: RTEINT2.P

Vial: 11

Operator: LH

Inst : HP5973G

Multiplr: 1.00

Quant Time: Oct 30 14:34:21 2006

Results File: A6I0002079.RES

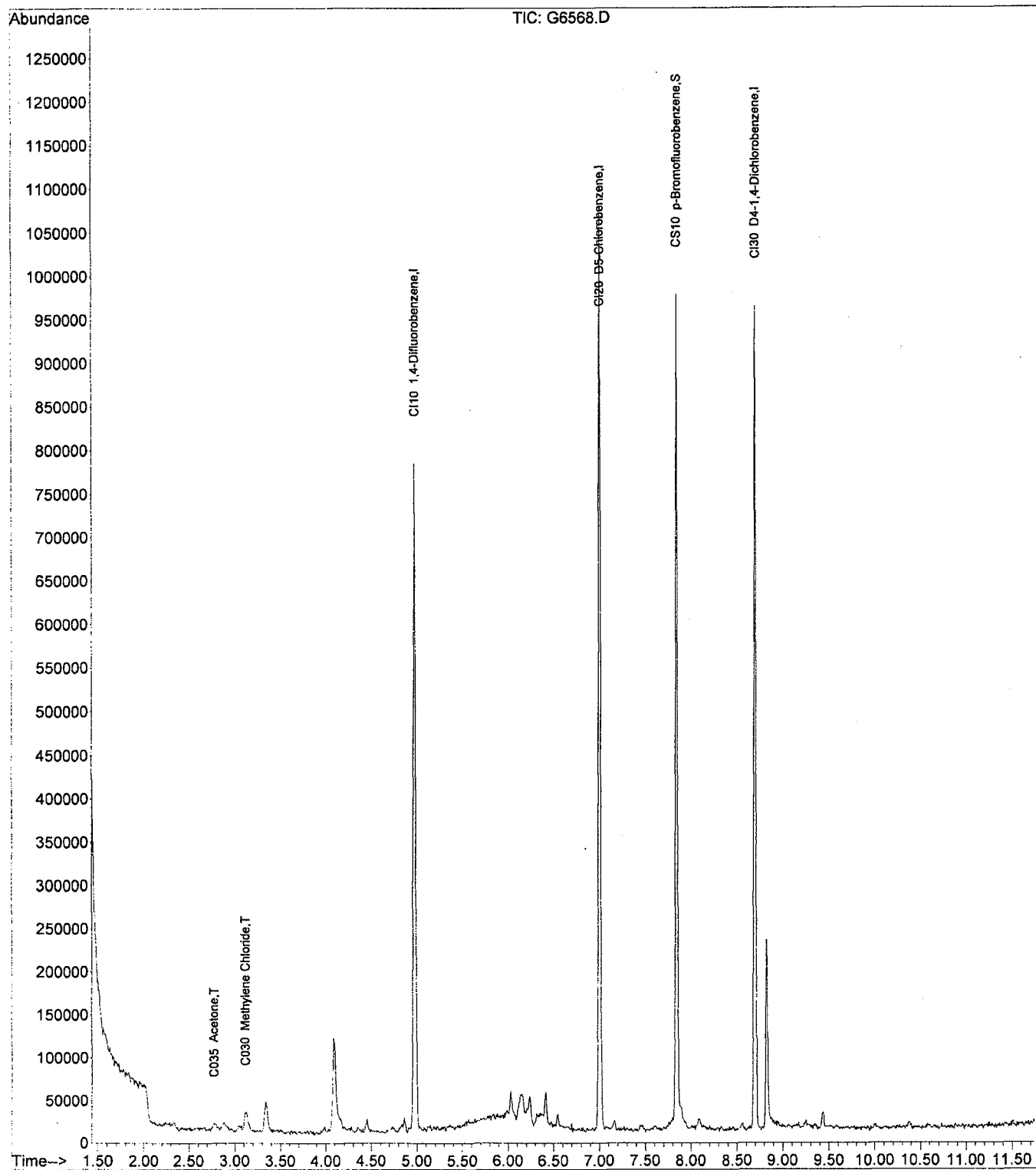
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6568.D
Acq On : 30 Oct 2006 13:08
Sample : A6C51206
Misc :

Vial: 11
Operator: LH
Inst : HP5973G
Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:21 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator) *SEE 3/10/20/206*
Title : HP5973N CLP LOW LEVEL WATER *NOTES*
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI10 1,4-Difluorobenzene	4.97	114	570194	25.00	ng	0.00	84.86% ✓
18) CI20 D5-Chlorobenzene	7.00	117	522686	25.00	ng	0.00	85.76% ✓
41) CI30 D4-1,4-Dichlorobenze	8.70	152	239536	25.00	ng	0.00	62.24% ✓

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 231661 24.36 ng 0.00
Spiked Amount 25.000 Range 80 - 120 Recovery = 97.44% ✓

Target Compounds

2) C010 Chloromethane	1.52	50	873	N.D.		
3) C015 Bromomethane	1.92	94	623	N.D.		
4) C020 Vinyl Chloride	1.60	62	297	N.D.		
5) C025 Chloroethane	2.06	64	575	N.D.		
6) C030 Methylene Chloride	3.12	84	13803	1.10	ng	85
7) C035 Acetone	2.77	43	20338	4.19	ng	96
8) C040 Carbon Disulfide	2.88	76	18214	N.D.		
9) C045 1,1-Dichloroethene	2.70	96	316	N.D.		
10) C050 1,1-Dichloroethane	3.67	63	549	N.D.		
11) C057 trans-1,2-dichloro	3.33	96	103	N.D.		
12) C056 cis-1,2-Dichloroet	4.09	96	515	N.D.		
13) C125 Vinyl Acetate	3.66	43	340	N.D.		
14) C060 Chloroform	4.32	83	663	N.D.		
15) C222 Bromochloromethane	4.32	128	61	N.D.		
16) C065 1,2-Dichloroethane	4.73	62	1098	N.D.		
17) C110 2-Butanone	4.09	43	4735	N.D.		
19) C115 1,1,1-Trichloroeth	4.45	97	5645	N.D.		
20) C120 Carbon Tetrachlori	4.40	117	137	N.D.		
21) C150 Trichloroethene	5.03	95	372	N.D.		
22) C130 Bromodichlorometha	5.42	83	151	N.D.		
23) C140 1,2-Dichloropropan	5.29	63	94	N.D.		
24) C145 cis-1,3-Dichloropr	5.81	75	749	N.D.		
25) C165 Benzene	4.70	78	1872	N.D.		
26) C155 Dibromochlorometha	6.63	129	195	N.D.		
27) C170 trans-1,3-Dichloro	6.32	75	849	N.D.		
28) C160 1,1,2-Trichloroeth	6.32	97	382	N.D.		
29) C220 Tetrachloroethene	6.42	166	9314	N.D.		
30) C163 1,2-Dibromoethane	6.68	107	159	N.D.		
31) C210 4-Methyl-2-Pentano	5.90	43	1236	N.D.		
32) C215 2-Hexanone	6.37	43	415	N.D.		
33) C230 Toluene	6.03	91	11835	N.D.		
34) C235 Chlorobenzene	7.02	112	61	N.D.		
35) C240 Ethylbenzene	7.08	91	2287	N.D.		
36) C246 m,p-Xylene	7.16	106	2409	N.D.		
37) C247 o-Xylene	7.45	106	1324	N.D.		
38) C245 Styrene	7.34	104	71	N.D.		
40) C225 1,1,2,2-Tetrachlor	8.00	83	216	N.D.		
42) C180 Bromoform	7.61	173	82	N.D.		
43) C260 1,3-Dichlorobenzen	8.66	146	70	N.D.		
44) C267 1,4-Dichlorobenzen	8.70	146	305	N.D.		
45) C249 1,2-Dichlorobenzen	8.98	146	245	N.D.		

Data File : D:\MSDCHEM\G\DATA\103006\G6568.D

Vial: 11

Acq On : 30 Oct 2006 13:08

Operator: LH

Sample : A6C51206

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:21 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

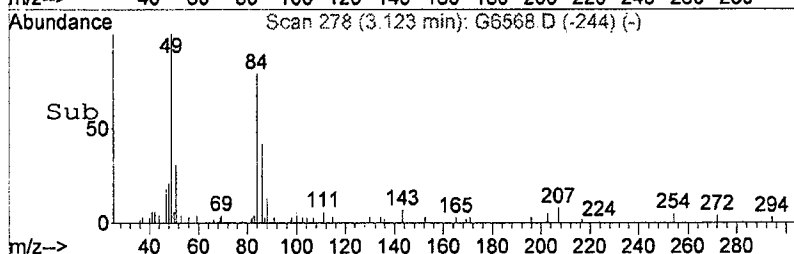
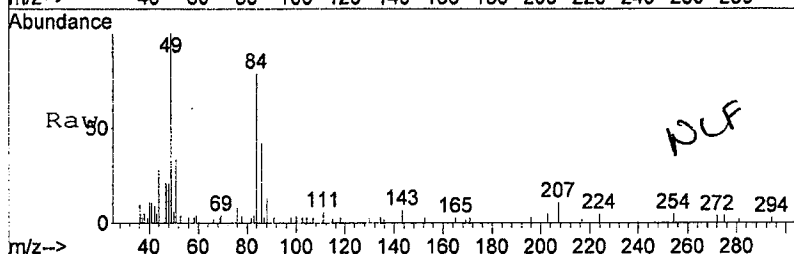
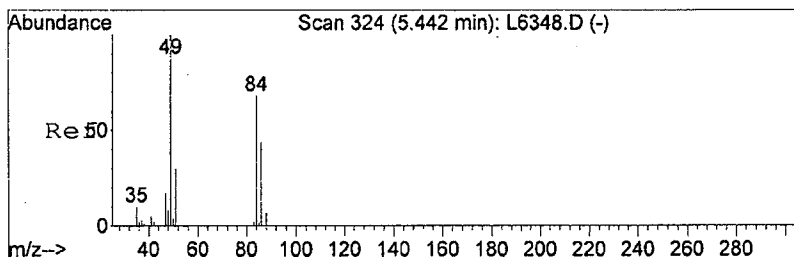
Internal Standards

R.T. QIon Response Conc Units Dev(Min)
Rcv(Ar)

46)	C286	1,2-Dibromo-3-Chlo	9.57	75	132	N.D.
47)	C313	1,2,4-Trichloroben	10.19	180	473	N.D.

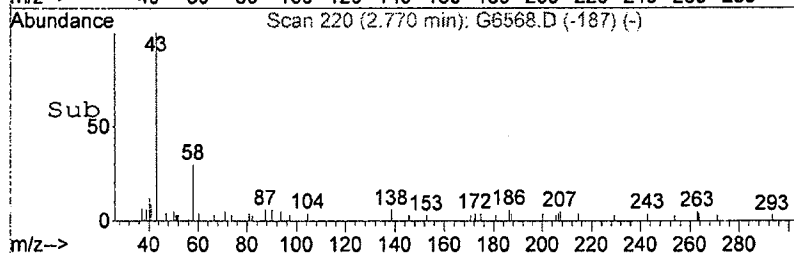
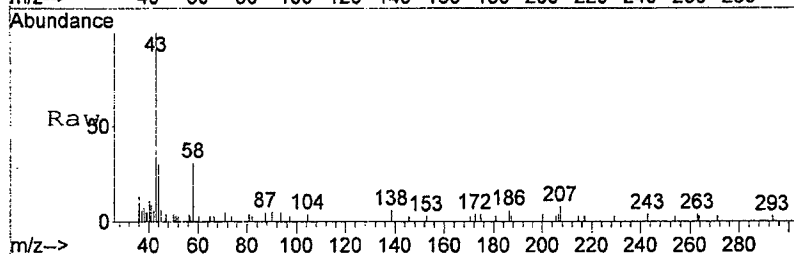
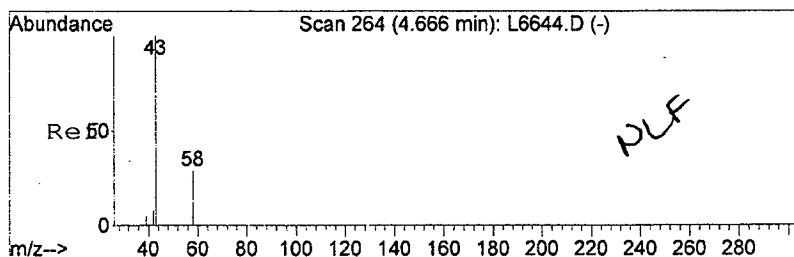
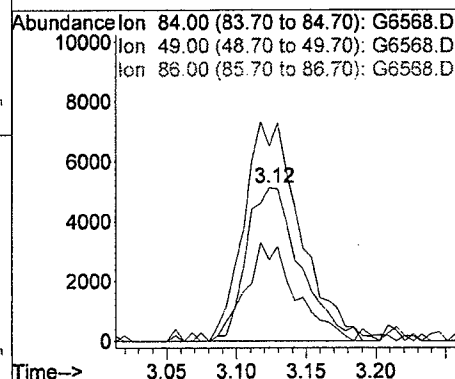
(#) = qualifier out of range (m) = manual integration (+) = signals summed

124/426



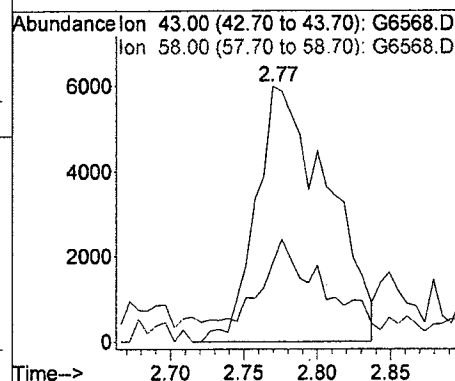
#6
C030 Methylene Chloride
Concen: 1.10 ng
RT: 3.12 min Scan# 278
Delta R.T. 0.01 min
Lab File: G6568.D
Acq: 30 Oct 2006 13:08

Tgt Ion: 84 Resp: 13803
Ion Ratio Lower Upper
84 100
49 126.9 126.2 166.2
86 53.1 43.8 83.8



#7
C035 Acetone
Concen: 4.19 ng
RT: 2.77 min Scan# 220
Delta R.T. 0.00 min
Lab File: G6568.D
Acq: 30 Oct 2006 13:08

Tgt Ion: 43 Resp: 20338
Ion Ratio Lower Upper
43 100
58 30.6 8.6 48.6



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) WATERLab Sample ID: A6C51207Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6569.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6569.D

Vial: 12

Acq On : 30 Oct 2006 13:31

Operator: LH

Sample : A6C51207

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:27 2006

Results File: A6I0002079.RES

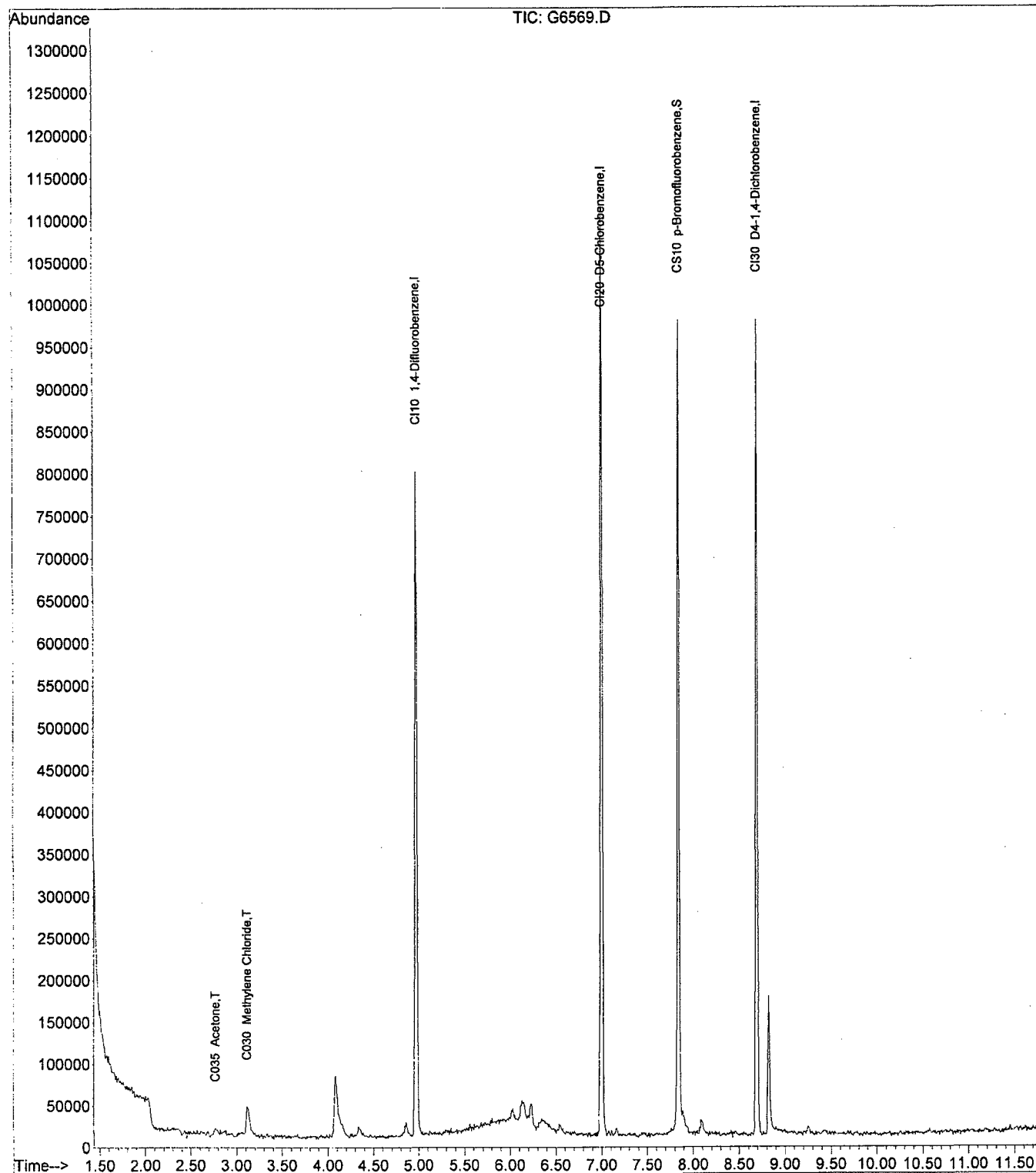
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6569.D

Vial: 12

Acq On : 30 Oct 2006 13:31

Operator: LH

Sample : A6C51207

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:27 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

SHE 10/30/06
DGTICS

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	572143	25.00	ng	0.00
							85.15%
18)	CI20 D5-Chlorobenzene	7.00	117	524374	25.00	ng	0.00
							86.04%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	240609	25.00	ng	0.00
							62.52%

System Monitoring Compounds

39)	CS10 p-Bromofluorobenzene	7.84	174	235004	24.63	ng	0.00
Spiked Amount		25.000	Range	80 - 120	Recovery	=	98.52%

Qvalue

Target Compounds

2)	C010 Chloromethane	1.47	50	404	N.D.		
3)	C015 Bromomethane	1.93	94	637	N.D.		
4)	C020 Vinyl Chloride	1.60	62	324	N.D.		
5)	C025 Chloroethane	1.99	64	416	N.D.		
6)	C030 Methylene Chloride	3.12	84	21394	1.71	ng	89
7)	C035 Acetone	2.78	43	11582	2.38	ng	100
8)	C040 Carbon Disulfide	2.88	76	8800	N.D.		
9)	C045 1,1-Dichloroethene	2.67	96	361	N.D.		
10)	C050 1,1-Dichloroethane	3.67	63	298	N.D.		
11)	C057 trans-1,2-dichloro	3.32	96	398	N.D.		
12)	C056 cis-1,2-Dichloroet	4.09	96	265	N.D.		
13)	C125 Vinyl Acetate	3.52	43	718	N.D.		
14)	C060 Chloroform	4.33	83	2240	N.D.		
15)	C222 Bromochloromethane	4.26	128	71	N.D.		
16)	C065 1,2-Dichloroethane	4.73	62	289	N.D.		
17)	C110 2-Butanone	4.09	43	2282	N.D.		
19)	C115 1,1,1-Trichloroeth	4.46	97	473	N.D.		
20)	C120 Carbon Tetrachlori	4.66	117	153	N.D.		
21)	C150 Trichloroethene	5.19	95	324	N.D.		
22)	C130 Bromodichlorometha	5.51	83	62	N.D.		
23)	C140 1,2-Dichloropropan	5.32	63	72	N.D.		
24)	C145 cis-1,3-Dichloropr	5.78	75	268	N.D.		
25)	C165 Benzene	4.70	78	734	N.D.		
26)	C155 Dibromochlorometha	6.60	129	125	N.D.		
27)	C170 trans-1,3-Dichloro	6.17	75	643	N.D.		
28)	C160 1,1,2-Trichloroeth	6.35	97	855	N.D.		
29)	C220 Tetrachloroethene	6.40	166	73	N.D.		
30)	C163 1,2-Dibromoethane	6.86	107	70	N.D.		
31)	C210 4-Methyl-2-Pentano	5.90	43	981	N.D.		
32)	C215 2-Hexanone	6.40	43	121	N.D.		
33)	C230 Toluene	6.12	91	328	N.D.		
34)	C235 Chlorobenzene	7.02	112	80	N.D.		
35)	C240 Ethylbenzene	6.95	91	425	N.D.		
36)	C246 m,p-Xylene	7.17	106	1392	N.D.		
37)	C247 o-Xylene	7.45	106	319	N.D.		
38)	C245 Styrene	7.47	104	412	N.D.		
40)	C225 1,1,2,2-Tetrachlor	7.79	83	169	N.D.		
42)	C180 Bromoform	7.64	173	56	N.D.		
43)	C260 1,3-Dichlorobenzen	8.65	146	302	N.D.		
44)	C267 1,4-Dichlorobenzen	8.71	146	1037	N.D.		
45)	C249 1,2-Dichlorobenzen	9.04	146	124	N.D.		

SHE 11/6/06

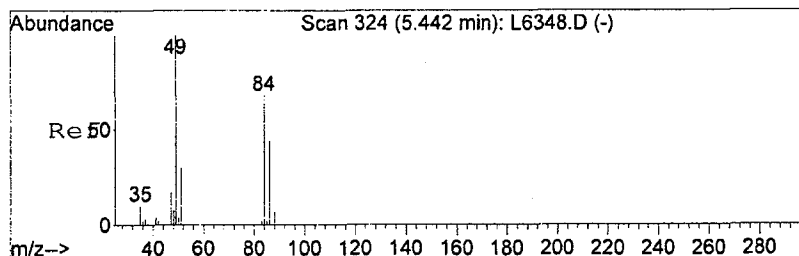
Data File : D:\MSDCHEM\G\DATA\103006\G6569.D Vial: 12
Acq On : 30 Oct 2006 13:31 Operator: LH
Sample : A6C51207 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 14:34:27 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

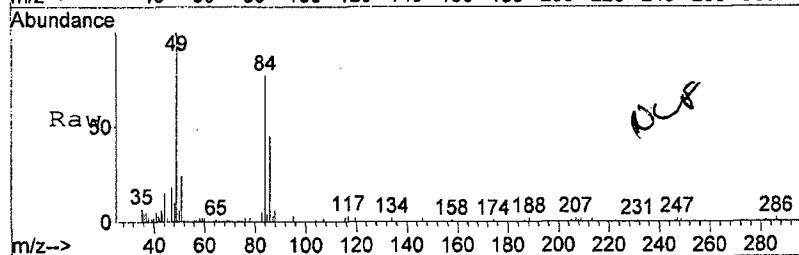
46) C286	1,2-Dibromo-3-Chlo	9.58	75	79	N.D.	
47) C313	1,2,4-Trichloroben	10.19	180	414	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
C030 Methylene Chloride
Concen: 1.71 ng
RT: 3.12 min Scan# 277
Delta R.T. 0.00 min
Lab File: G6569.D
Acq: 30 Oct 2006 13:31

Tgt Ion	84	Resp	21394
Ion Ratio	Lower	Upper	
84	100		
49	130.3	126.2	166.2
86	58.2	43.8	83.8

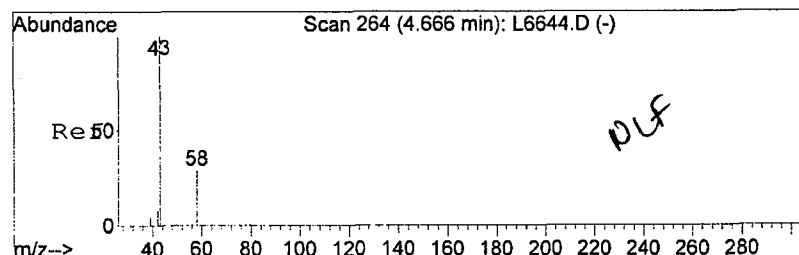
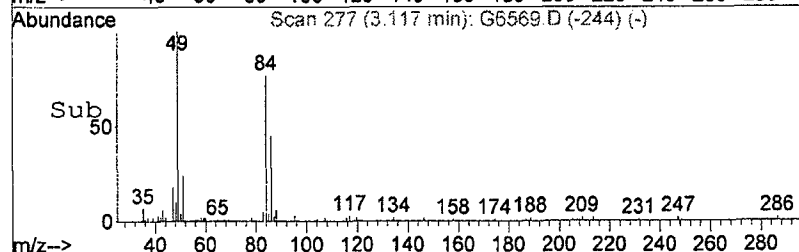
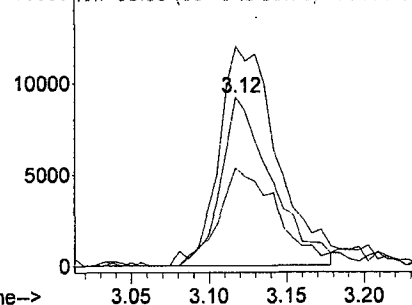


Abundance

Ion 84.00 (83.70 to 84.70): G6569.D

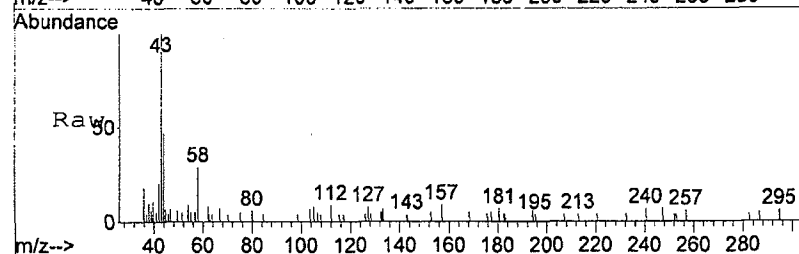
Ion 49.00 (48.70 to 49.70): G6569.D

Ion 86.00 (85.70 to 86.70): G6569.D



#7
C035 Acetone
Concen: 2.38 ng
RT: 2.78 min Scan# 222
Delta R.T. 0.01 min
Lab File: G6569.D
Acq: 30 Oct 2006 13:31

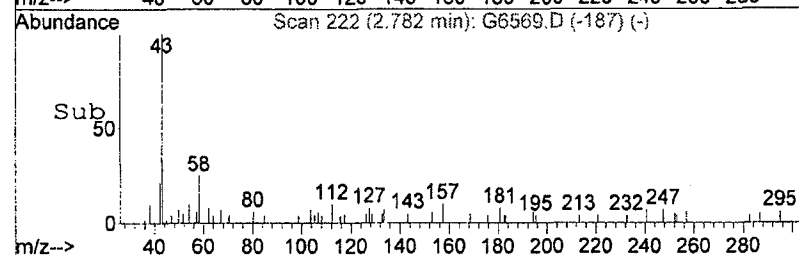
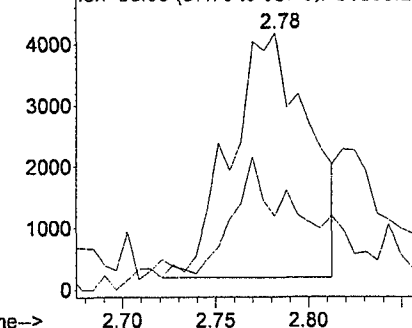
Tgt Ion	43	Resp	11582
Ion Ratio	Lower	Upper	
43	100		
58	28.5	8.6	48.6



Abundance

Ion 43.00 (42.70 to 43.70): G6569.D

Ion 58.00 (57.70 to 58.70): G6569.D



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) WATERLab Sample ID: A6C51208Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6570.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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
108-88-3-----	Toluene		1	U
75-01-4-----	Vinyl chloride		1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6570.D

Acq On : 30 Oct 2006 13:54

Sample : A6C51208

Misc :

Vial: 13

Operator: LH

Inst : HP5973G

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:34 2006

Results File: A6I0002079.RES

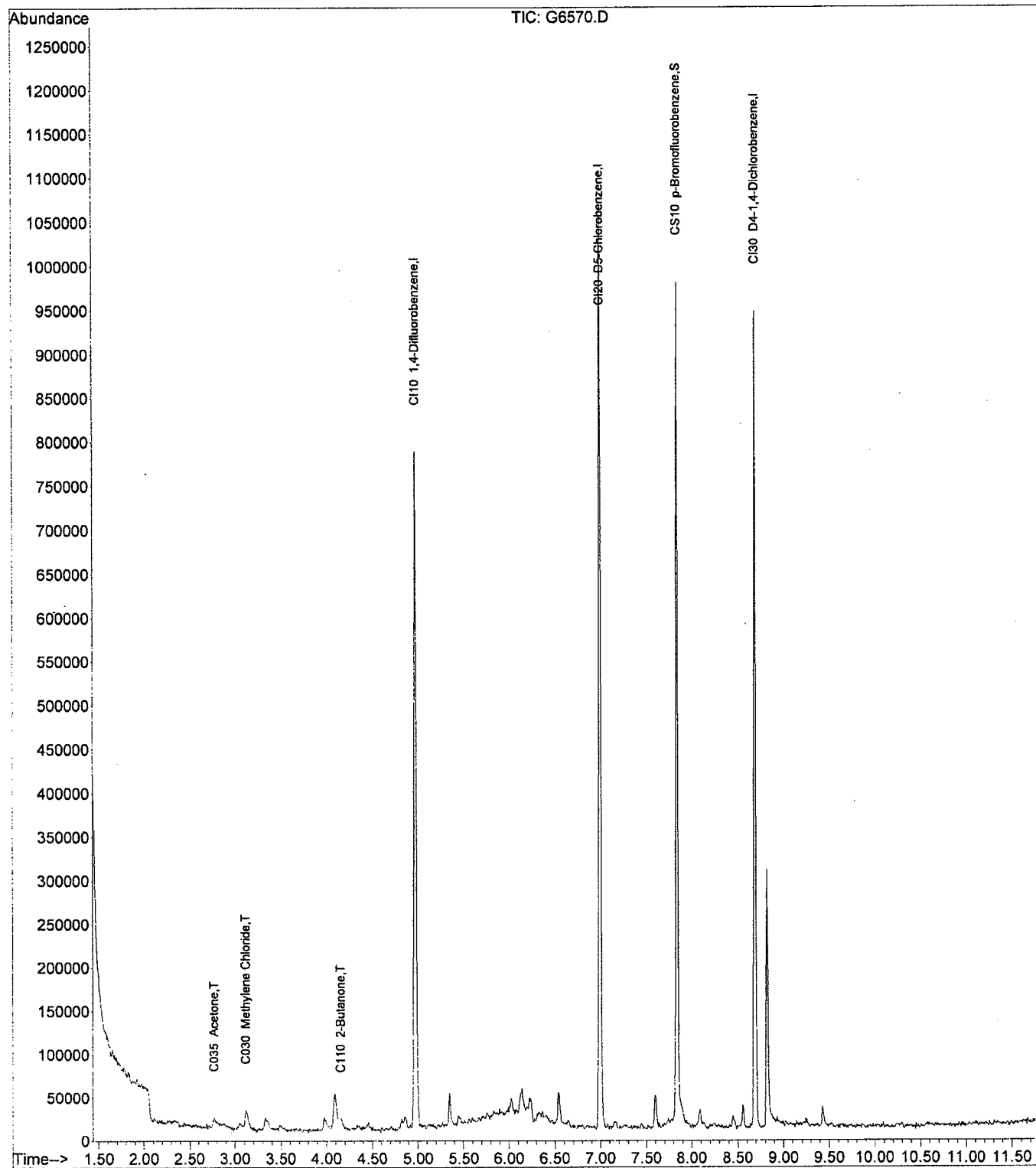
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6570.D
 Acq On : 30 Oct 2006 13:54
 Sample : A6C51208
 Misc :
 MS Integration Params: RTEINT2.P
 Quant Time: Oct 30 14:34:34 2006

Vial: 13
 Operator: LH
 Inst : HP5973G
 Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Mon Oct 30 10:34:17 2006
 Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

*SEE 7/10/30/06
NOTES*

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
1) CI10	1,4-Difluorobenzene	4.97	114	566894	25.00	ng	0.00	84.37%
18) CI20	D5-Chlorobenzene	7.00	117	512858	25.00	ng	0.00	84.15%
41) CI30	D4-1,4-Dichlorobenze	8.70	152	237166	25.00	ng	0.00	61.62%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 230106 24.66 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 98.64%

up
Qvalue

Target Compounds

2) C010	Chloromethane	1.45	50	384	N.D.			
3) C015	Bromomethane	1.88	94	177	N.D.			
4) C020	Vinyl Chloride	1.75	62	199	N.D.			
5) C025	Chloroethane	2.17	64	316	N.D.			
6) C030	Methylene Chloride	3.12	84	13026	1.05 / ng	#	82	
7) C035	Acetone	2.77	43	20789	4.31 / ng		96	
8) C040	Carbon Disulfide	2.87	76	12359	N.D.			
9) C045	1,1-Dichloroethene	2.69	96	232	N.D.			
10) C050	1,1-Dichloroethane	3.66	63	166	N.D.			
11) C057	trans-1,2-dichloro	3.34	96	623	N.D.			
12) C056	cis-1,2-Dichloroet	4.10	96	92	N.D.			
13) C125	Vinyl Acetate	3.65	43	250	N.D.			
14) C060	Chloroform	4.32	83	1332	N.D.			
15) C222	Bromochloromethane	4.26	128	322	N.D.			
16) C065	1,2-Dichloroethane	4.75	62	173	N.D.			
17) C110	2-Butanone	4.15	43	21213	2.84 / ng		59	
19) C115	1,1,1-Trichloroeth	4.44	97	3941	N.D.			
20) C120	Carbon Tetrachlori	4.39	117	113	N.D.			
21) C150	Trichloroethene	5.04	95	494	N.D.			
22) C130	Bromodichlorometha	5.62	83	223	N.D.			
23) C140	1,2-Dichloropropan	5.31	63	128	N.D.			
24) C145	cis-1,3-Dichloropr	5.71	75	438	N.D.			
25) C165	Benzene	4.71	78	2439	N.D.			
26) C155	Dibromochlorometha	6.58	129	203	N.D.			
27) C170	trans-1,3-Dichloro	6.19	75	242	N.D.			
28) C160	1,1,2-Trichloroeth	6.33	97	608	N.D.			
29) C220	Tetrachloroethene	6.41	166	1245	N.D.			
30) C163	1,2-Dibromoethane	6.71	107	97	N.D.			
31) C210	4-Methyl-2-Pentano	5.99	43	1172	N.D.			
32) C215	2-Hexanone	6.48	43	1161	N.D.			
33) C230	Toluene	6.03	91	10015	N.D.			
34) C235	Chlorobenzene	7.00	112	159	N.D.			
35) C240	Ethylbenzene	7.08	91	1365	N.D.			
36) C246	m,p-Xylene	7.16	106	1981	N.D.			
37) C247	o-Xylene	7.45	106	1126	N.D.			
38) C245	Styrene	7.57	104	58	N.D.			
40) C225	1,1,2,2-Tetrachlor	7.92	83	109	N.D.			
42) C180	Bromoform	7.60	173	94	N.D.			
43) C260	1,3-Dichlorobenzen	8.65	146	81	N.D.			
44) C267	1,4-Dichlorobenzen	8.71	146	240	N.D.			
45) C249	1,2-Dichlorobenzen	9.01	146	147	N.D.			

SEE 11/6/02

Data File : D:\MSDCHEM\G\DATA\103006\G6570.D Vial: 13
Acq On : 30 Oct 2006 13:54 Operator: LH
Sample : A6C51208 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 14:34:34 2006 Results File: A6I0002079.RES

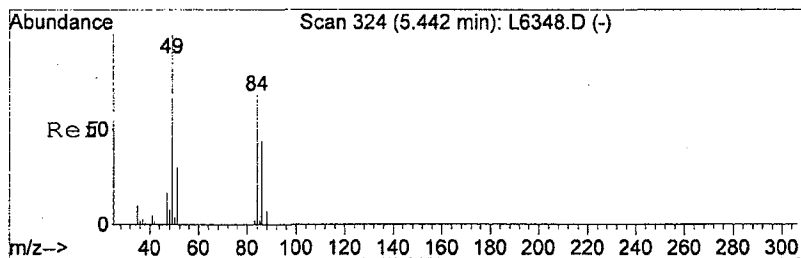
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
46) C286 1,2-Dibromo-3-Chlo	9.52	75	70	N.D.		
47) C313 1,2,4-Trichloroben	10.19	180	90	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Handwritten:
A6I
11/6/06

134/426



#6

C030 Methylene Chloride

Concen: 1.05 ng

RT: 3.12 min Scan# 278

Delta R.T. 0.01 min

Lab File: G6570.D

Acq: 30 Oct 2006 13:54

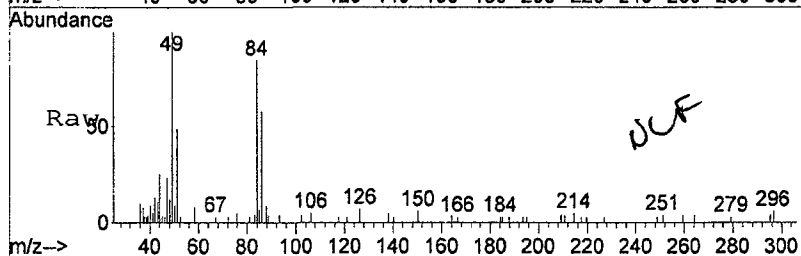
Tgt Ion: 84 Resp: 13026

Ion Ratio Lower Upper

84 100

49 117.4 126.2 166.2#

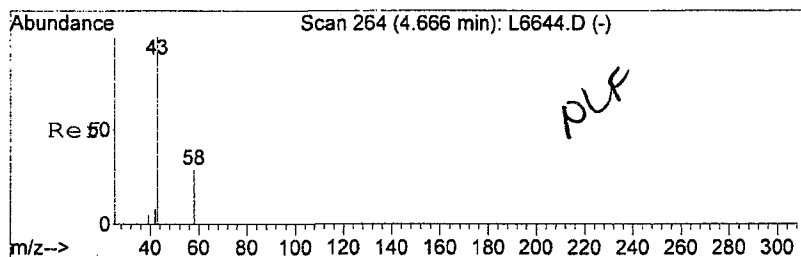
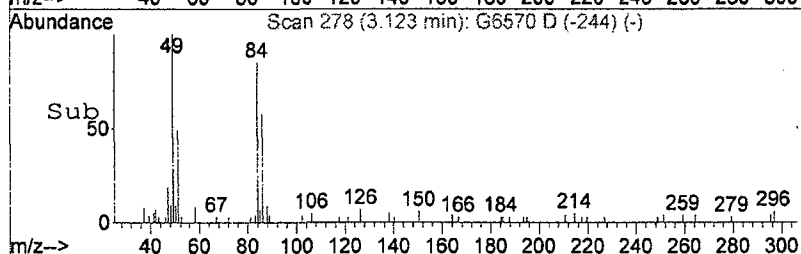
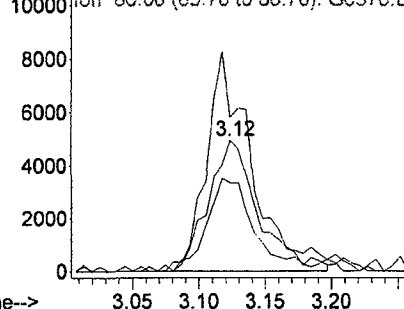
86 67.6 43.8 83.8



Abundance Ion 84.00 (83.70 to 84.70): G6570.D

Ion 49.00 (48.70 to 49.70): G6570.D

Ion 86.00 (85.70 to 86.70): G6570.D



#7

C035 Acetone

Concen: 4.31 ng

RT: 2.77 min Scan# 220

Delta R.T. 0.00 min

Lab File: G6570.D

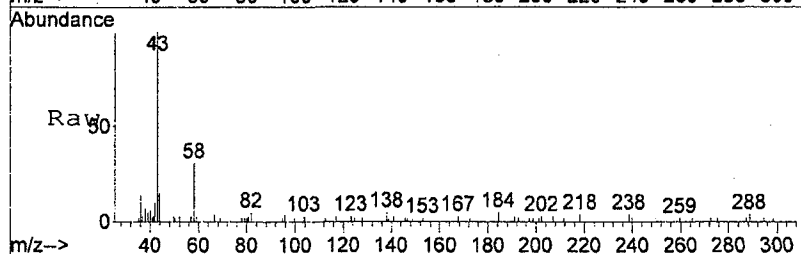
Acq: 30 Oct 2006 13:54

Tgt Ion: 43 Resp: 20789

Ion Ratio Lower Upper

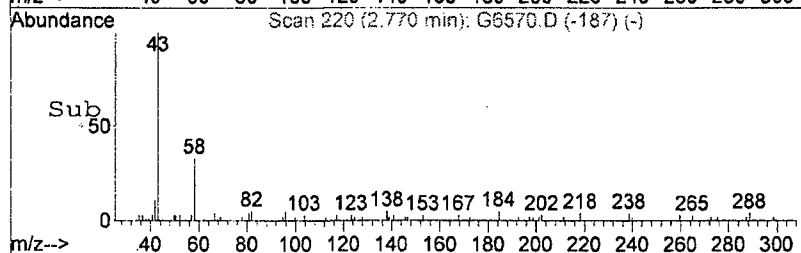
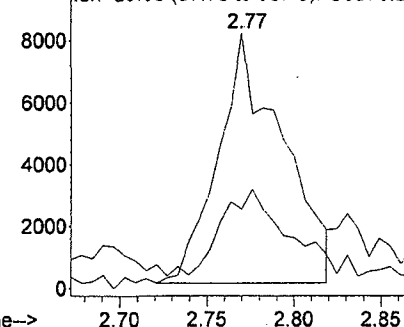
43 100

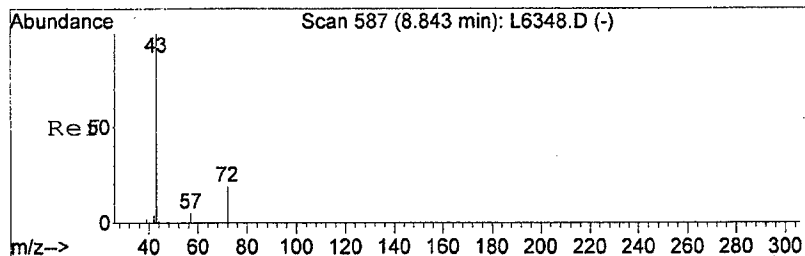
58 30.8 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6570.D

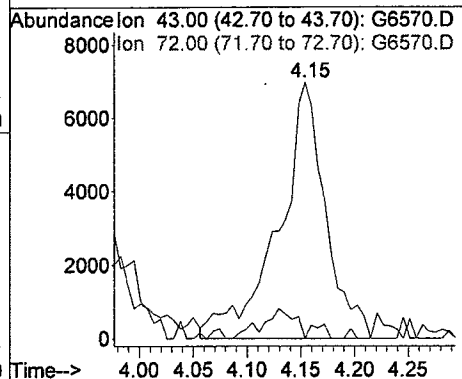
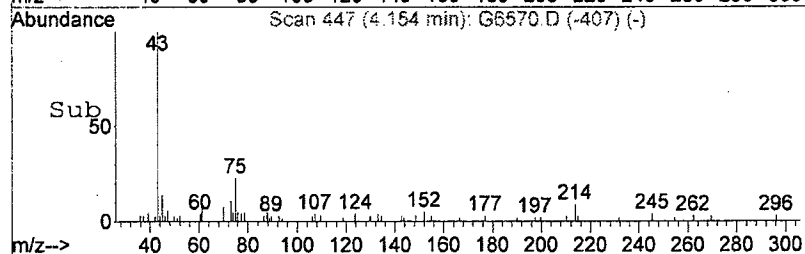
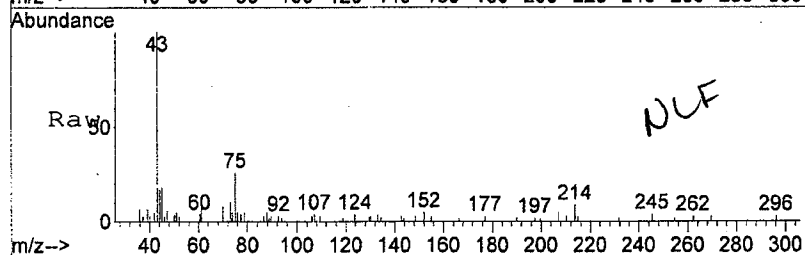
Ion 58.00 (57.70 to 58.70): G6570.D





#17
C110 2-Butanone
Concen: 2.84 ng
RT: 4.15 min Scan# 447
Delta R.T. 0.04 min
Lab File: G6570.D
Acq: 30 Oct 2006 13:54

Tgt Ion: 43 Resp: 21213
Ion Ratio Lower Upper
43 100
72 0.0 0.0 38.5



136/426

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) WATERLab Sample ID: A6C51209Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6571.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	0.7	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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6571.D

Vial: 14

Acq On : 30 Oct 2006 14:16

Operator: LH

Sample : A6C51209

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:41 2006

Results File: A6I0002079.RES

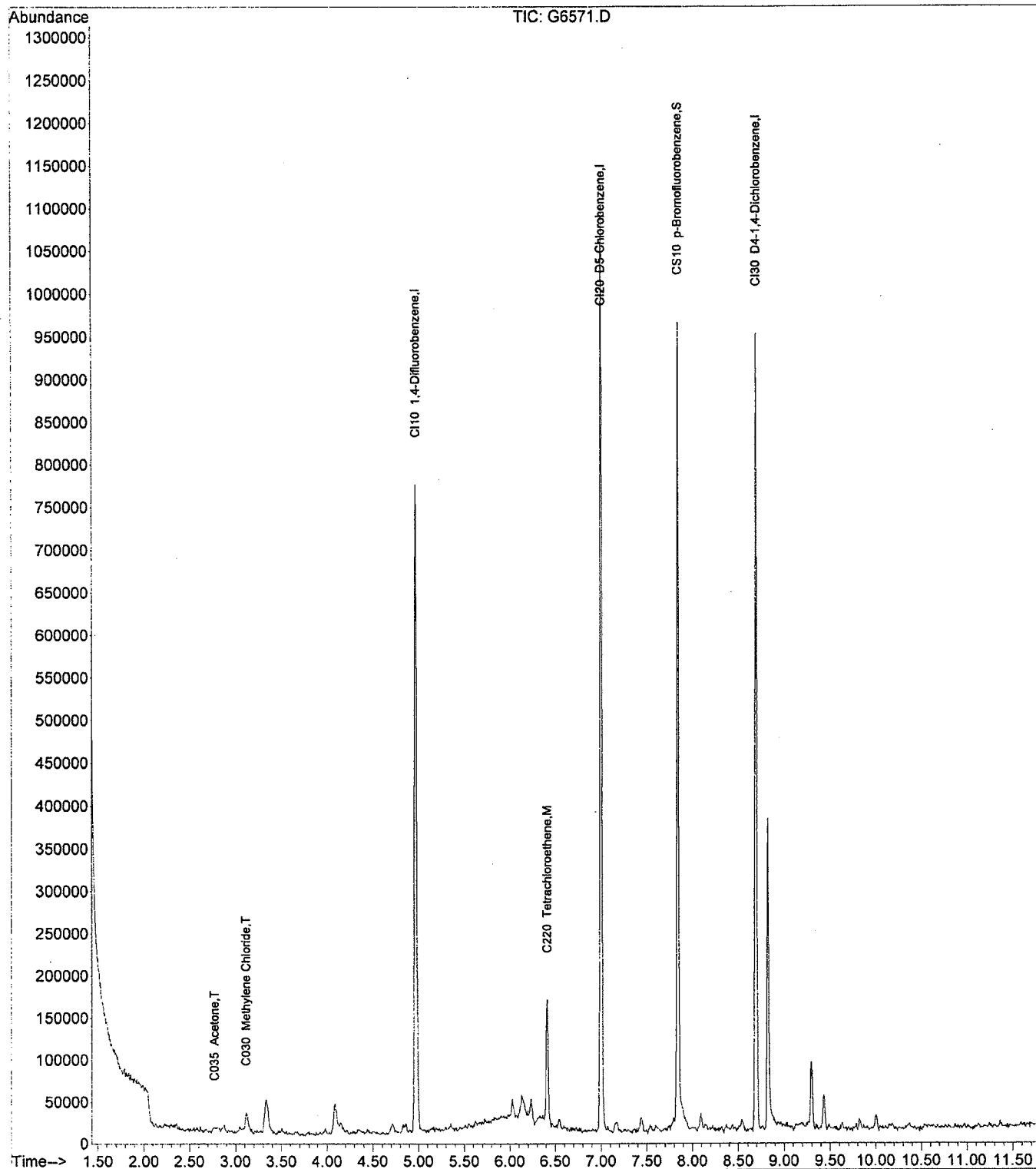
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6571.D

Acq On : 30 Oct 2006 14:16

Sample : A6C51209

Misc :

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:41 2006

Vial: 14

Operator: LH

Inst : HP5973G

Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.97	114	558539	25.00 ng	0.00
							83.13%
18)	CI20	D5-Chlorobenzene	7.00	117	516262	25.00 ng	0.00
							84.71%
41)	CI30	D4-1,4-Dichlorobenze	8.70	152	242732	25.00 ng	0.00
							63.07%

System Monitoring Compounds

39)	CS10	p-Bromofluorobenzene	7.84	174	234274	24.94 ng	0.00
	Spiked Amount	25.000	Range	80 - 120	Recovery	=	99.76%

ND

Qvalue

Target Compounds

2)	C010	Chloromethane	1.49	50	574	N.D.	
3)	C015	Bromomethane	1.93	94	265	N.D.	
4)	C020	Vinyl Chloride	1.61	62	129	N.D.	
5)	C025	Chloroethane	1.97	64	503	N.D.	
6)	C030	Methylene Chloride	3.12	84	14211	1.16 ng	89
7)	C035	Acetone	2.78	43	17982	3.78 ng	81
8)	C040	Carbon Disulfide	2.87	76	10540	N.D.	
9)	C045	1,1-Dichloroethene	2.68	96	80	N.D.	
10)	C050	1,1-Dichloroethane	3.67	63	927	N.D.	
11)	C057	trans-1,2-dichloro	3.32	96	165	N.D.	
12)	C056	cis-1,2-Dichloroet	4.11	96	693	N.D.	
13)	C125	Vinyl Acetate	3.49	43	1106	N.D.	
14)	C060	Chloroform	4.33	83	1449	N.D.	
15)	C222	Bromochloromethane	4.28	128	73	N.D.	
16)	C065	1,2-Dichloroethane	4.71	62	145	N.D.	
17)	C110	2-Butanone	4.09	43	1045	N.D.	
19)	C115	1,1,1-Trichloroeth	4.44	97	2678	N.D.	
20)	C120	Carbon Tetrachlori	4.57	117	101	N.D.	
21)	C150	Trichloroethene	5.15	95	408	N.D.	
22)	C130	Bromodichlorometha	5.54	83	156	N.D.	
23)	C140	1,2-Dichloropropan	5.31	63	221	N.D.	
24)	C145	cis-1,3-Dichloropr	5.85	75	527	N.D.	
25)	C165	Benzene	4.71	78	8113	N.D.	
26)	C155	Dibromochlorometha	0.00	129	0	N.D.	
27)	C170	trans-1,3-Dichloro	6.32	75	639	N.D.	
28)	C160	1,1,2-Trichloroeth	6.31	97	152	N.D.	
29)	C220	Tetrachloroethene	6.42	166	38842	3.65 ng	# 89
30)	C163	1,2-Dibromoethane	6.67	107	93	N.D.	
31)	C210	4-Methyl-2-Pentano	5.90	43	630	N.D.	
32)	C215	2-Hexanone	6.40	43	356	N.D.	
33)	C230	Toluene	6.03	91	9665	N.D.	
34)	C235	Chlorobenzene	7.01	112	546	N.D.	
35)	C240	Ethylbenzene	7.08	91	1782	N.D.	
36)	C246	m,p-Xylene	7.15	106	1805	N.D.	
37)	C247	o-Xylene	7.46	106	1396	N.D.	
38)	C245	Styrene	7.47	104	171	N.D.	
40)	C225	1,1,2,2-Tetrachlor	7.95	83	193	N.D.	
42)	C180	Bromoform	7.65	173	127	N.D.	
43)	C260	1,3-Dichlorobenzen	8.65	146	57	N.D.	
44)	C267	1,4-Dichlorobenzen	8.72	146	638	N.D.	
45)	C249	1,2-Dichlorobenzen	9.01	146	174	N.D.	

Data File : D:\MSDCHEM\G\DATA\103006\G6571.D

Vial: 14

Acq On : 30 Oct 2006 14:16

Operator: LH

Sample : A6C51209

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:34:41 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards

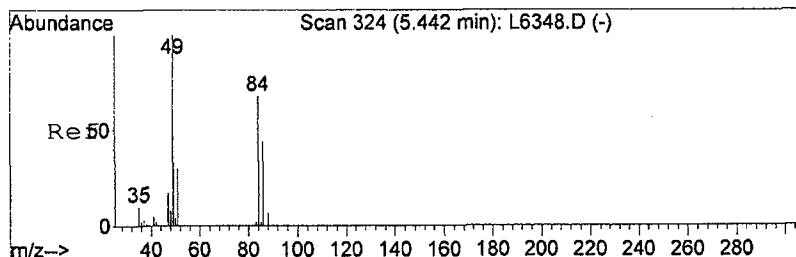
R.T. QIon Response Conc Units Dev(Min)
Rcv(Ar)

46)	C286	1,2-Dibromo-3-Chlo	9.59	75	98	N.D.
47)	C313	1,2,4-Trichloroben	10.19	180	456	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

AKH
11/6/06

140/426



#6

C030 Methylene Chloride

Concen: 1.16 ng

RT: 3.12 min Scan# 278

Delta R.T. 0.01 min

Lab File: G6571.D

Acq: 30 Oct 2006 14:16

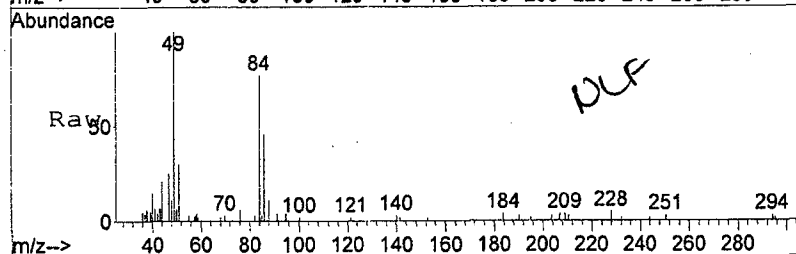
Tgt Ion: 84 Resp: 14211

Ion Ratio Lower Upper

84 100

49 129.3 126.2 166.2

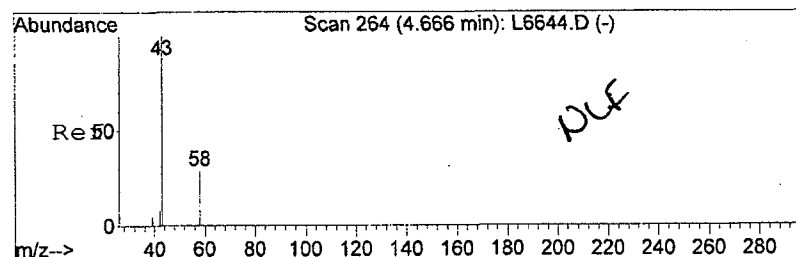
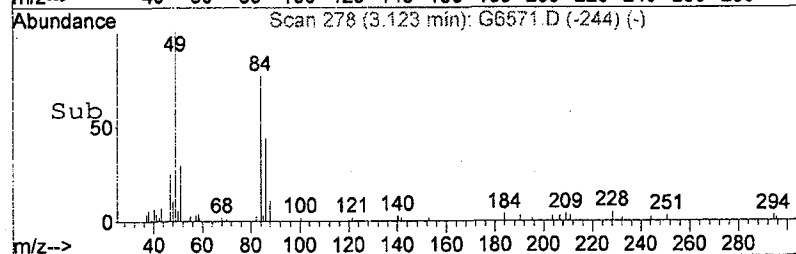
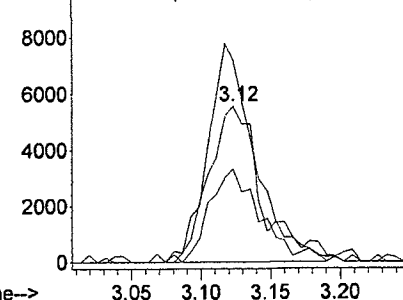
86 59.8 43.8 83.8



Abundance Ion 84.00 (83.70 to 84.70): G6571.D

Ion 49.00 (48.70 to 49.70): G6571.D

Ion 86.00 (85.70 to 86.70): G6571.D



#7

C035 Acetone

Concen: 3.79 ng

RT: 2.78 min Scan# 221

Delta R.T. 0.01 min

Lab File: G6571.D

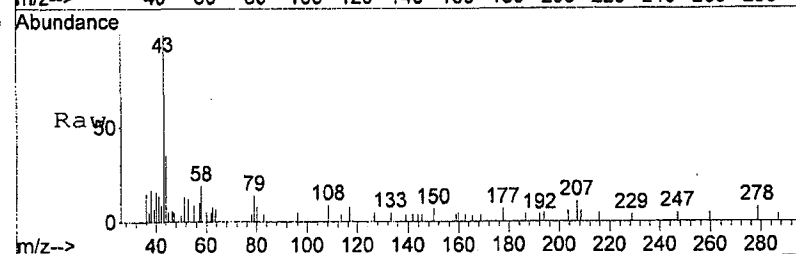
Acq: 30 Oct 2006 14:16

Tgt Ion: 43 Resp: 17982

Ion Ratio Lower Upper

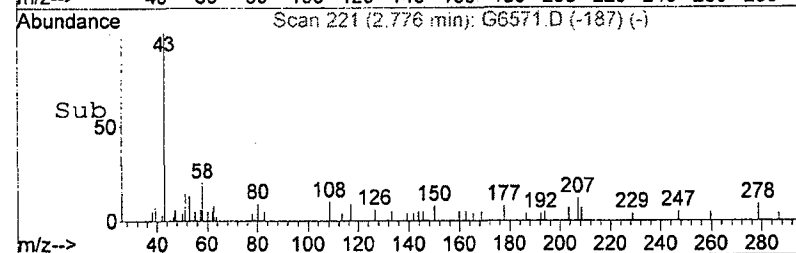
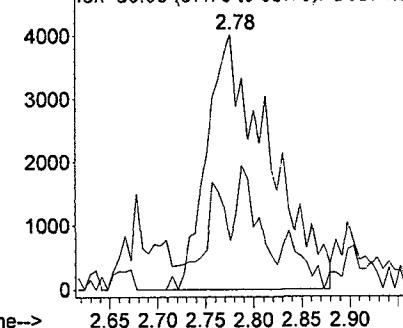
43 100

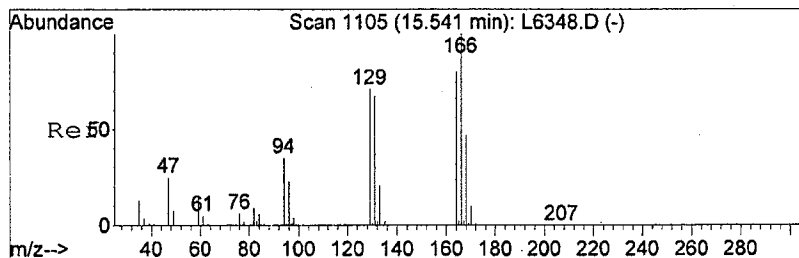
58 18.7 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6571.D

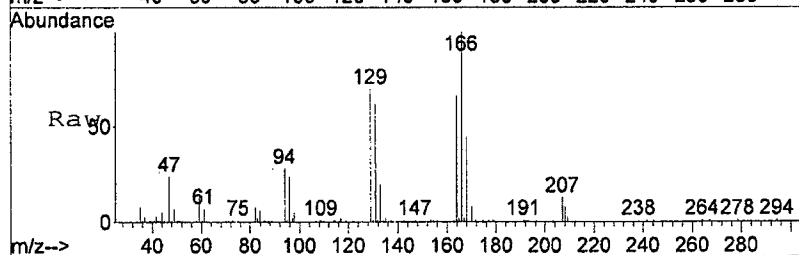
Ion 58.00 (57.70 to 58.70): G6571.D





#29
C220 Tetrachloroethene
Concen: 3.65 ng
RT: 6.42 min Scan# 818
Delta R.T. 0.00 min
Lab File: G6571.D
Acq: 30 Oct 2006 14:16

Tgt Ion: 166 Resp: 38842
Ion Ratio Lower Upper
166 100
164 66.5 63.9 95.9
131 62.6 53.9 80.9
94 27.6 28.3 42.5#



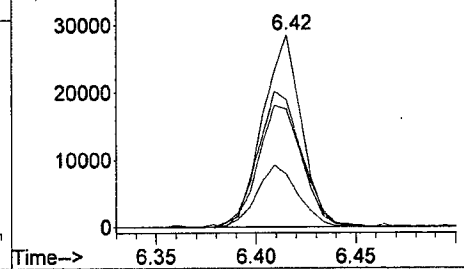
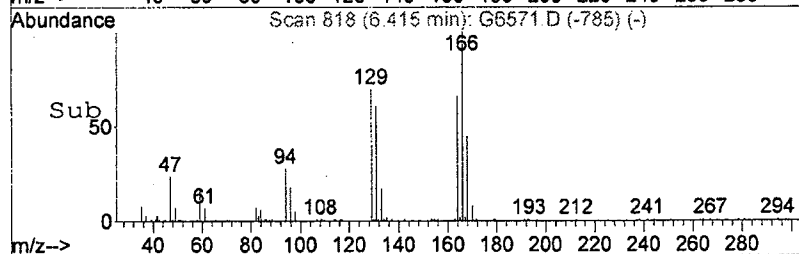
Abundance

Ion 166.00 (165.70 to 166.70): G6571.D

Ion 164.00 (163.70 to 164.70): G6571.D

Ion 131.00 (130.70 to 131.70): G6571.D

Ion 94.00 (93.70 to 94.70): G6571.D



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) WATERLab Sample ID: A6C51210Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6572.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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
108-88-3-----	Toluene		1	U
75-01-4-----	Vinyl chloride		1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6572.D

Acq On : 30 Oct 2006 14:39

Sample : A6C51210

Misc :

MS Integration Params: RTEINT2.P

Vial: 15

Operator: LH

Inst : HP5973G

Multiplr: 1.00

Quant Time: Oct 30 16:49:00 2006

Results File: A6I0002079.RES

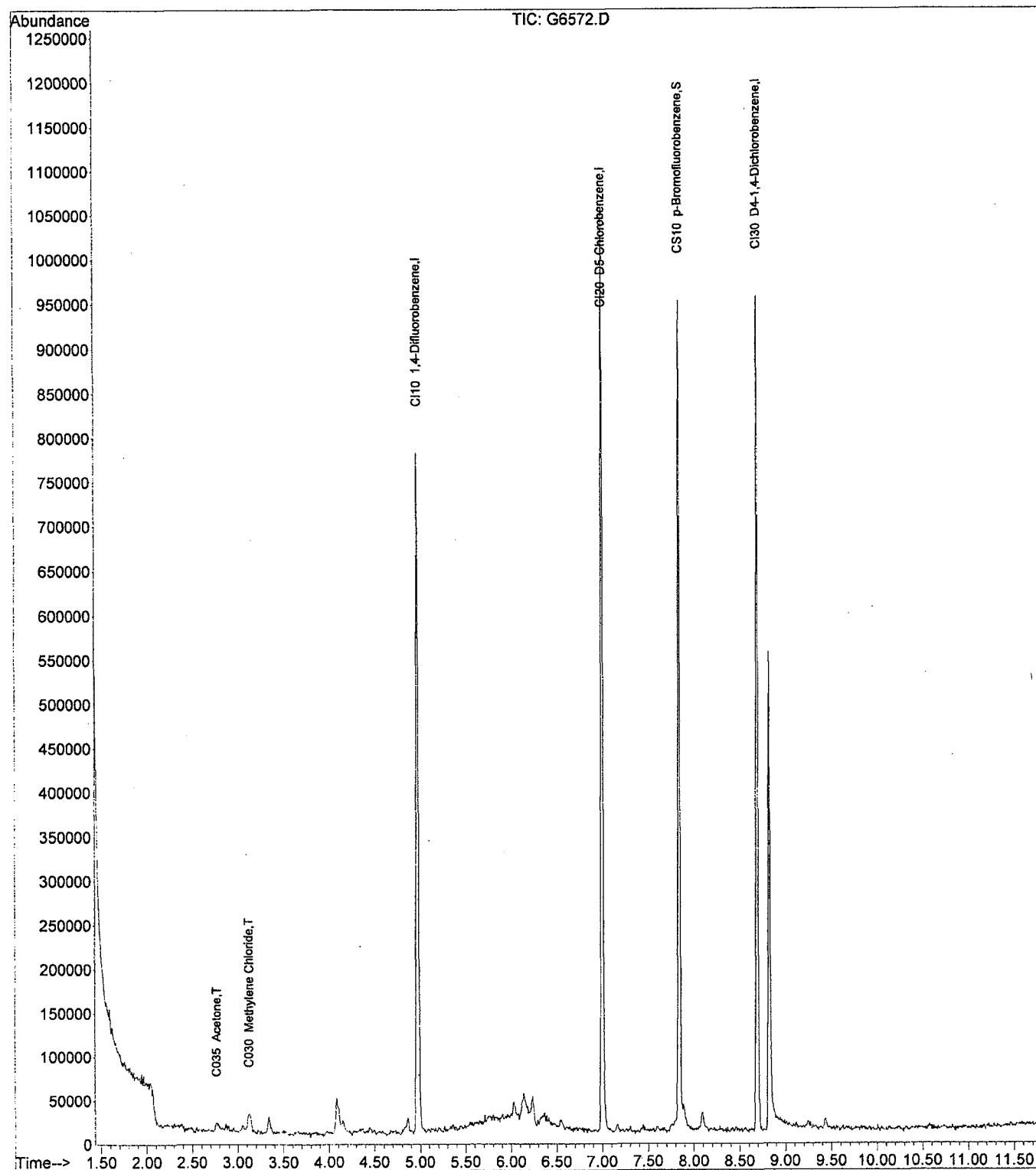
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6572.D

Vial: 15

Acq On : 30 Oct 2006 14:39

Operator: LH

Sample : A6C51210

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:49:00 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

SVER 10/30/06
HICS

Internal Standards		R.T. QIon		Response	Conc	Units	Dev (Min)
							Rcv (Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	555662	25.00	ng	0.00
18)	CI20 D5-Chlorobenzene	7.00	117	510830	25.00	ng	82.70%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	233556	25.00	ng	83.82%
							0.00
							60.69%

System Monitoring Compounds

39)	CS10 p-Bromofluorobenzene	7.84	174	232464	25.01	ng	0.00
Spiked Amount		25.000	Range	80 - 120	Recovery	=	100.04%

Qvalue

Target Compounds

2)	C010 Chloromethane	1.57	50	630	N.D.		
3)	C015 Bromomethane	2.01	94	304	N.D.		
4)	C020 Vinyl Chloride	1.61	62	157	N.D.		
5)	C025 Chloroethane	2.06	64	628	N.D.		
6)	C030 Methylene Chloride	3.12	84	13085	1.07	ng	# 79
7)	C035 Acetone	2.76	43	21294	4.51	ng	89
8)	C040 Carbon Disulfide	2.87	76	15368	N.D.		
9)	C045 1,1-Dichloroethene	2.70	96	322	N.D.		
10)	C050 1,1-Dichloroethane	3.66	63	575	N.D.		
11)	C057 trans-1,2-dichloro	3.32	96	55	N.D.		
12)	C056 cis-1,2-Dichloroet	4.10	96	279	N.D.		
13)	C125 Vinyl Acetate	3.50	43	819	N.D.		
14)	C060 Chloroform	4.33	83	1000	N.D.		
15)	C222 Bromochloromethane	4.25	128	67	N.D.		
16)	C065 1,2-Dichloroethane	4.74	62	55	N.D.		
17)	C110 2-Butanone	4.09	43	1754	N.D.		
19)	C115 1,1,1-Trichloroeth	4.44	97	4029	N.D.		
20)	C120 Carbon Tetrachlori	4.56	117	238	N.D.		
21)	C150 Trichloroethene	4.98	95	6485	N.D.		
22)	C130 Bromodichlorometha	5.61	83	234	N.D.		
23)	C140 1,2-Dichloropropan	5.14	63	337	N.D.		
24)	C145 cis-1,3-Dichloropr	5.75	75	214	N.D.		
25)	C165 Benzene	4.71	78	2134	N.D.		
26)	C155 Dibromochlorometha	6.53	129	71	N.D.		
27)	C170 trans-1,3-Dichloro	6.02	75	375	N.D.		
28)	C160 1,1,2-Trichloroeth	6.33	97	1086	N.D.		
29)	C220 Tetrachloroethene	6.42	166	602	N.D.		
30)	C163 1,2-Dibromoethane	6.71	107	90	N.D.		
31)	C210 4-Methyl-2-Pentano	6.04	43	1995	N.D.		
32)	C215 2-Hexanone	6.36	43	250	N.D.		
33)	C230 Toluene	6.18	91	264	N.D.		
34)	C235 Chlorobenzene	7.03	112	213	N.D.		
35)	C240 Ethylbenzene	7.08	91	1330	N.D.		
36)	C246 m,p-Xylene	7.16	106	1768	N.D.		
37)	C247 o-Xylene	7.45	106	160	N.D.		
38)	C245 Styrene	7.46	104	259	N.D.		
40)	C225 1,1,2,2-Tetrachlor	8.12	83	220	N.D.		
42)	C180 Bromoform	7.63	173	75	N.D.		
43)	C260 1,3-Dichlorobenzen	8.66	146	75	N.D.		
44)	C267 1,4-Dichlorobenzen	8.71	146	942	N.D.		
45)	C249 1,2-Dichlorobenzen	8.99	146	75	N.D.		

DMS
11/6/06

Data File : D:\MSDCHEM\G\DATA\103006\G6572.D Vial: 15
 Acq On : 30 Oct 2006 14:39 Operator: LH
 Sample : A6C51210 Inst : HP5973G
 Misc : Multiplr: 1.00
 MS Integration Params: RTEINT2.P
 Quant Time: Oct 30 16:49:00 2006 Results File: A6I0002079.RES

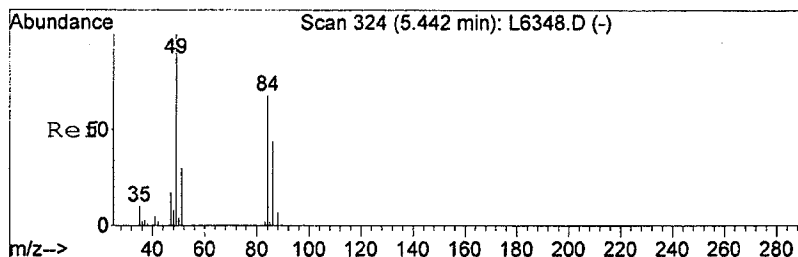
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Mon Oct 30 10:34:17 2006
 Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
46)	C286 1,2-Dibromo-3-Chlo	9.55	75	124	N.D.		
47)	C313 1,2,4-Trichloroben	10.20	180	198	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Handwritten:
 11/6/00

146/426



#6

C030 Methylene Chloride

Concen: 1.07 ng

RT: 3.12 min Scan# 278

Delta R.T. 0.01 min

Lab File: G6572.D

Acq: 30 Oct 2006 14:39

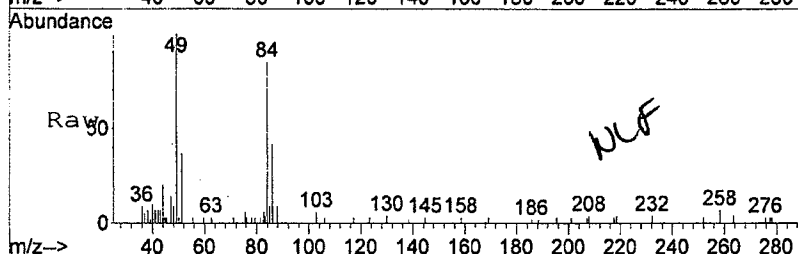
Tgt Ion: 84 Resp: 13085

Ion Ratio Lower Upper

84 100

49 118.3 126.2 166.2#

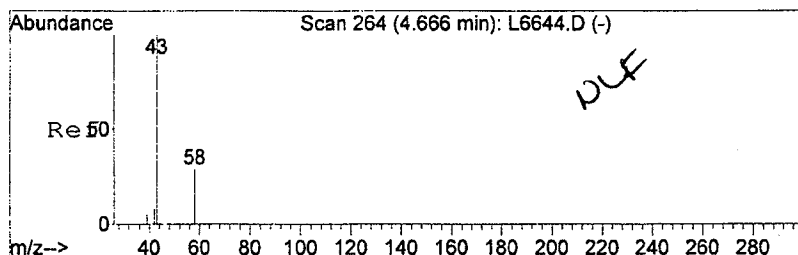
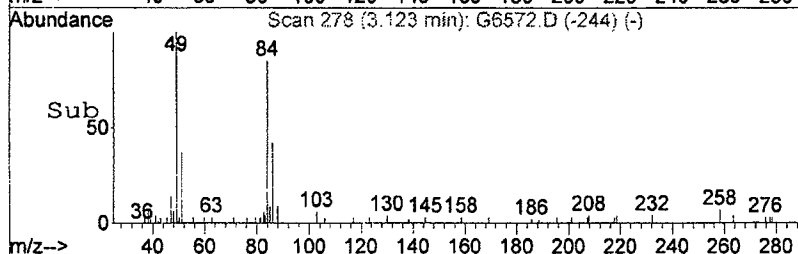
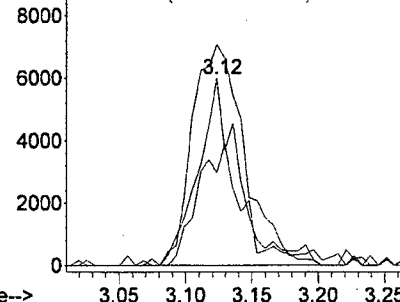
86 49.5 43.8 83.8



Abundance Ion 84.00 (83.70 to 84.70): G6572.D

Ion 49.00 (48.70 to 49.70): G6572.D

Ion 86.00 (85.70 to 86.70): G6572.D



#7

C035 Acetone

Concen: 4.51 ng

RT: 2.76 min Scan# 219

Delta R.T. -0.01 min

Lab File: G6572.D

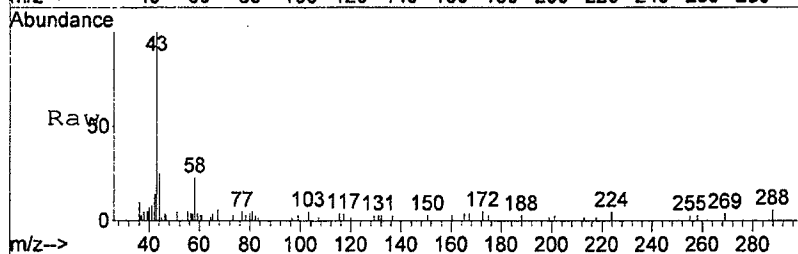
Acq: 30 Oct 2006 14:39

Tgt Ion: 43 Resp: 21294

Ion Ratio Lower Upper

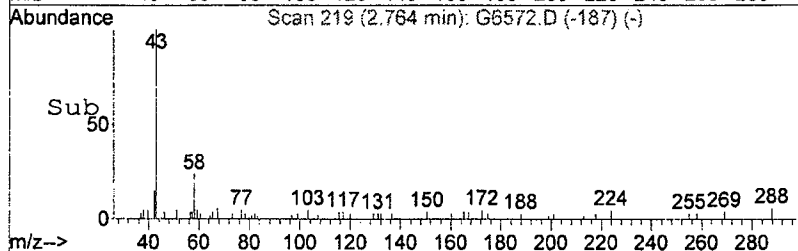
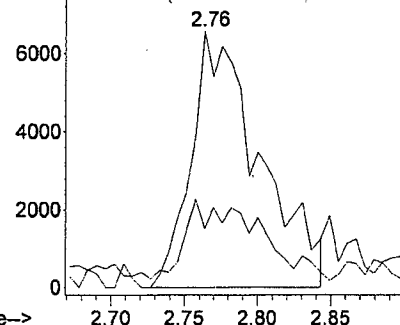
43 100

58 22.9 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6572.D

Ion 58.00 (57.70 to 58.70): G6572.D



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-19

Lab Name: STL Buffalo Contract: _____Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: A6C51211Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6576.RRLevel: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	0.9	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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6576.D

Vial: 19

Acq On : 30 Oct 2006 16:10

Operator: LH

Sample : A6C51211

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:50:30 2006

Results File: A6I0002079.RES

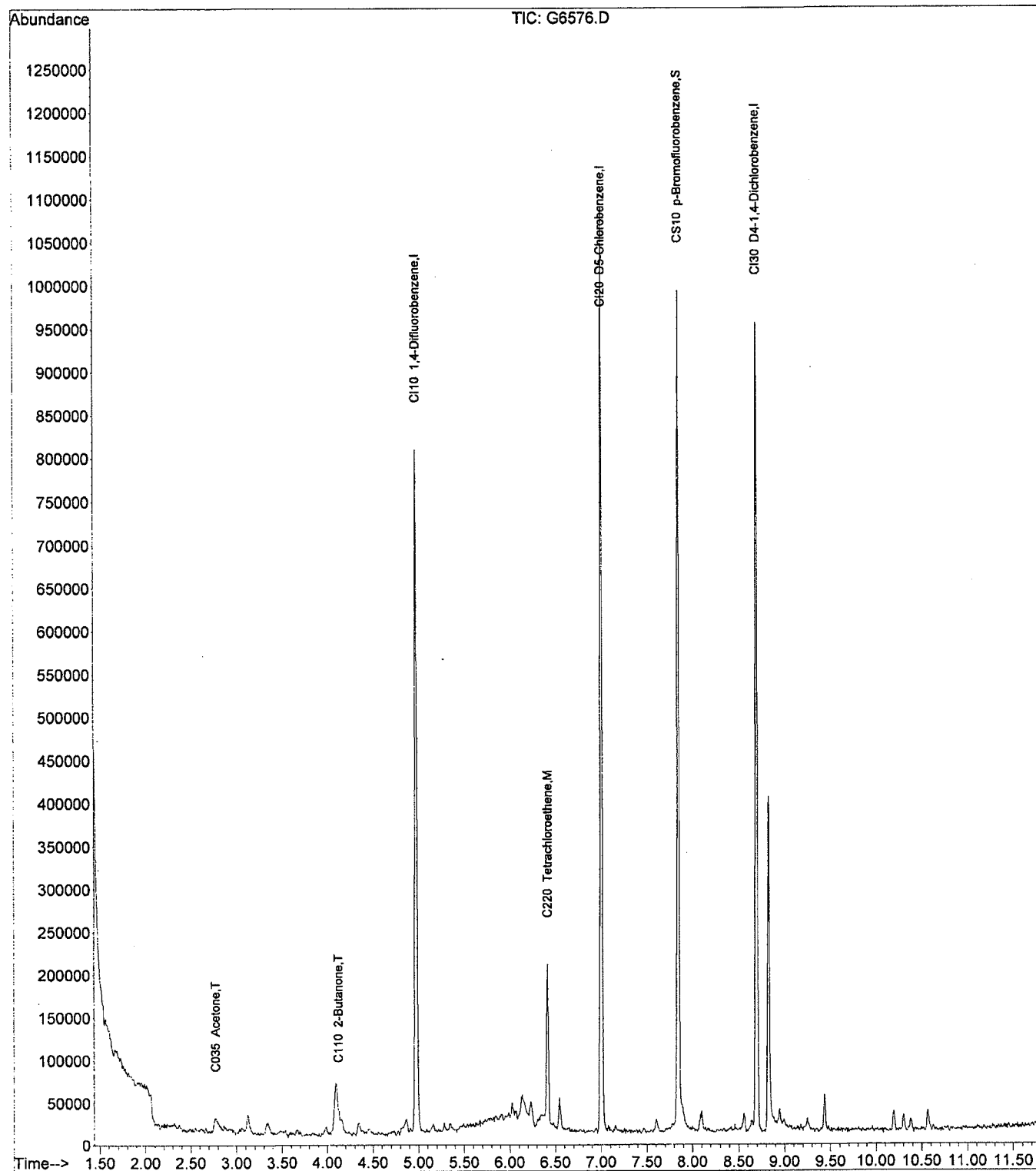
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6576.D
Acq On : 30 Oct 2006 16:10
Sample : A6C51211
Misc :
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 16:50:30 2006

Vial: 19
Operator: LH
Inst : HP5973G
Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

SVE
3/10/30/06
stics

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev (Min)
							Rcv (Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	567024	25.00	ng	0.00
							84.39%
18)	CI20 D5-Chlorobenzene	7.00	117	512227	25.00	ng	0.00
							84.04%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	236776	25.00	ng	0.00
							61.52%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 234015 25.11 ng 0.00
Spiked Amount 25.000 Range 80 - 120 Recovery = 100.44%

MD
Qvalue

Target Compounds

2)	C010 Chloromethane	1.51	50	1738	N.D.		
3)	C015 Bromomethane	1.92	94	432	N.D.		
4)	C020 Vinyl Chloride	1.63	62	910	N.D.		
5)	C025 Chloroethane	2.03	64	893	N.D.		
6)	C030 Methylene Chloride	3.12	84	11369	N.D.		
7)	C035 Acetone	2.78	43	43939	9.1 ng		90
8)	C040 Carbon Disulfide	2.87	76	16723	N.D.		
9)	C045 1,1-Dichloroethene	2.70	96	600	N.D.		
10)	C050 1,1-Dichloroethane	3.66	63	5079	N.D.		
11)	C057 trans-1,2-dichloro	3.33	96	1286	N.D.		
12)	C056 cis-1,2-Dichloroet	4.10	96	8323	N.D.		
13)	C125 Vinyl Acetate	3.68	43	420	N.D.		
14)	C060 Chloroform	4.48	83	251	N.D.		
15)	C222 Bromochloromethane	4.30	128	78	N.D.		
16)	C065 1,2-Dichloroethane	4.73	62	202	N.D.		
17)	C110 2-Butanone	4.13	43	12340	1.65 ng		96
19)	C115 1,1,1-Trichloroeth	4.45	97	3728	N.D.		
20)	C120 Carbon Tetrachlori	4.54	117	79	N.D.		
21)	C150 Trichloroethene	5.15	95	2458	N.D.		
22)	C130 Bromodichlorometha	5.68	83	123	N.D.		
23)	C140 1,2-Dichloropropan	5.31	63	104	N.D.		
24)	C145 cis-1,3-Dichloropr	5.89	75	371	N.D.		
25)	C165 Benzene	4.72	78	2497	N.D.		
26)	C155 Dibromochlorometha	0.00	129	0	N.D.		
27)	C170 trans-1,3-Dichloro	6.01	75	236	N.D.		
28)	C160 1,1,2-Trichloroeth	6.46	97	389	N.D.		
29)	C220 Tetrachloroethene	6.42	166	48639	4.61 ng		95
30)	C163 1,2-Dibromoethane	6.70	107	79	N.D.		
31)	C210 4-Methyl-2-Pentano	5.97	43	503	N.D.		
32)	C215 2-Hexanone	6.47	43	1293	N.D.		
33)	C230 Toluene	6.03	91	6832	N.D.		
34)	C235 Chlorobenzene	7.03	112	982	N.D.		
35)	C240 Ethylbenzene	7.08	91	1682	N.D.		
36)	C246 m,p-Xylene	7.17	106	1226	N.D.		
37)	C247 o-Xylene	7.45	106	329	N.D.		
38)	C245 Styrene	7.41	104	73	N.D.		
40)	C225 1,1,2,2-Tetrachlor	8.05	83	150	N.D.		
42)	C180 Bromoform	7.63	173	89	N.D.		
43)	C260 1,3-Dichlorobenzen	8.65	146	2228	N.D.		
44)	C267 1,4-Dichlorobenzen	8.71	146	2344	N.D.		
45)	C249 1,2-Dichlorobenzen	8.99	146	3193	N.D.		

WLF

WLF

WLF
11/6/06

Data File : D:\MSDCHEM\G\DATA\103006\G6576.D Vial: 19
 Acq On : 30 Oct 2006 16:10 Operator: LH
 Sample : A6C51211 Inst : HP5973G
 Misc : Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:50:30 2006

Results File: A6I0002079.RES

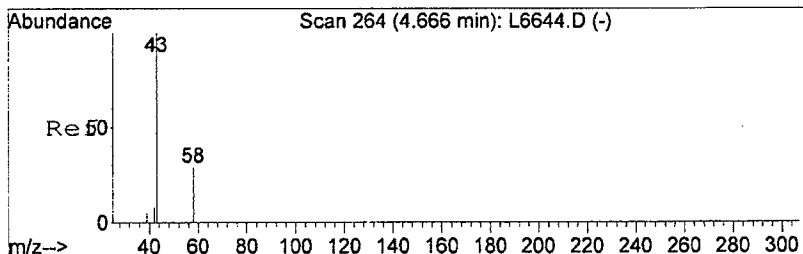
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Mon Oct 30 10:34:17 2006
 Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
--------------------	------	------	----------	------	-------	----------------------

46) C286 1,2-Dibromo-3-Chlo	9.75	75	125	N.D.		
47) C313 1,2,4-Trichloroben	10.20	180	6220	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Handwritten:
 11/6/02



#7

C035 Acetone

Concen: 9.11 ng

RT: 2.78 min Scan# 221

Delta R.T. 0.01 min

Lab File: G6576.D

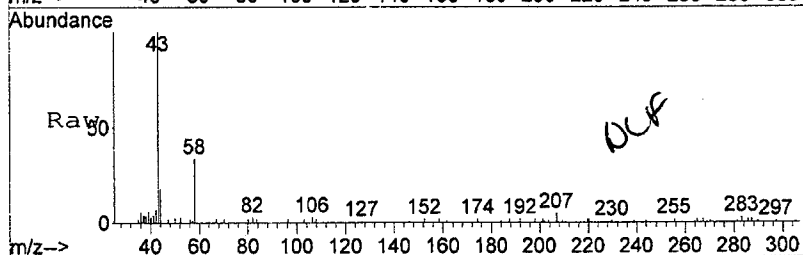
Acq: 30 Oct 2006 16:10

Tgt Ion: 43 Resp: 43939

Ion Ratio Lower Upper

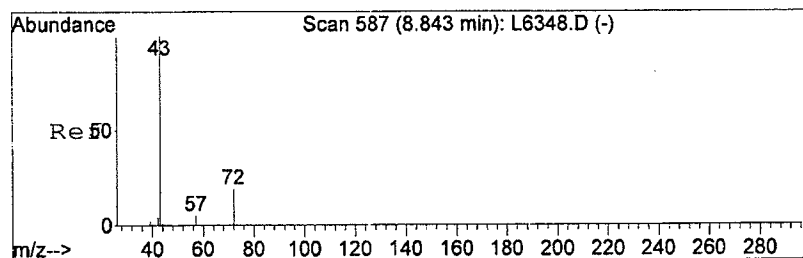
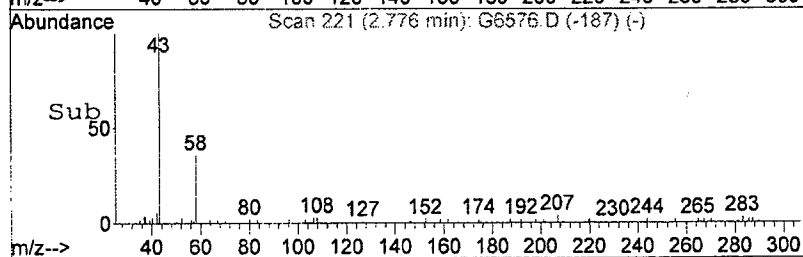
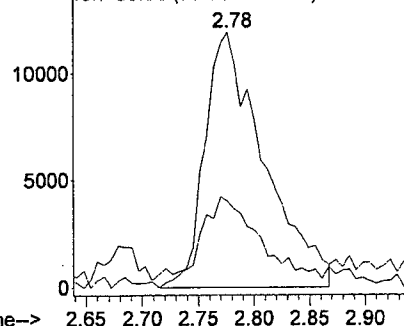
43 100

58 33.7 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6576.D

Ion 58.00 (57.70 to 58.70): G6576.D



#17

C110 2-Butanone

Concen: 1.65 ng

RT: 4.13 min Scan# 443

Delta R.T. 0.02 min

Lab File: G6576.D

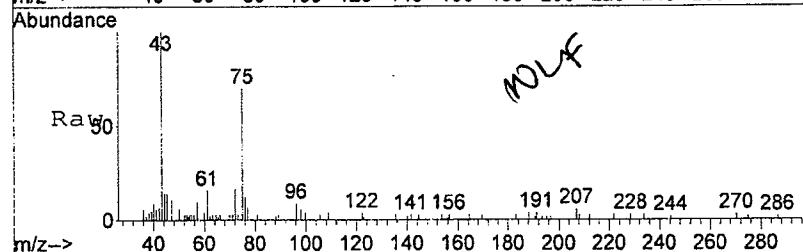
Acq: 30 Oct 2006 16:10

Tgt Ion: 43 Resp: 12340

Ion Ratio Lower Upper

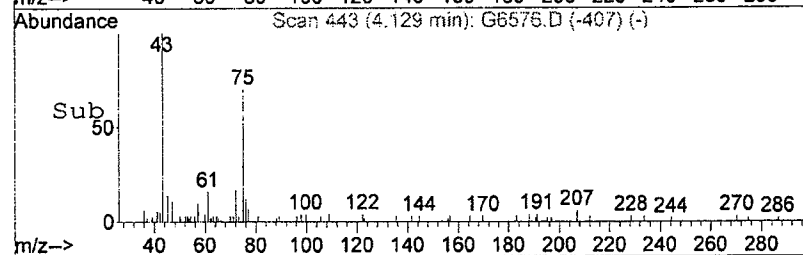
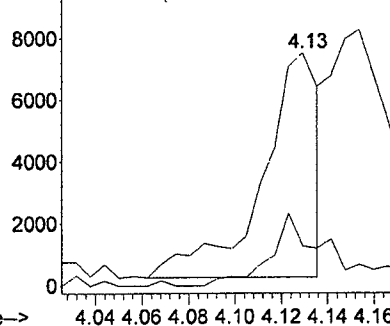
43 100

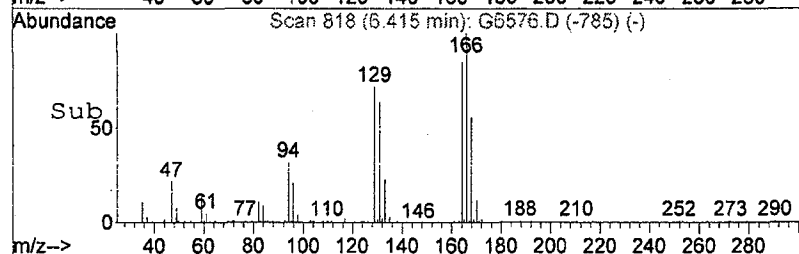
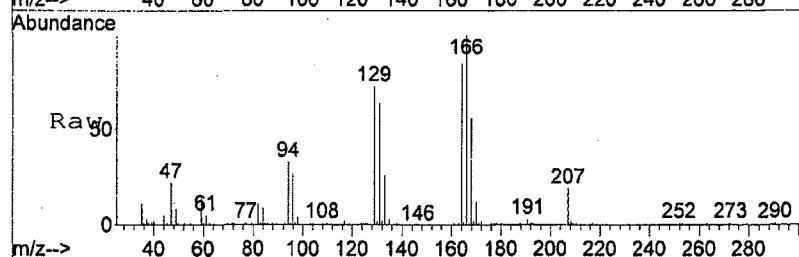
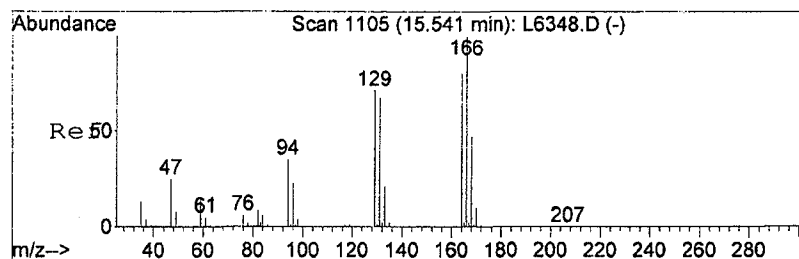
72 16.8 0.0 38.5



Abundance Ion 43.00 (42.70 to 43.70): G6576.D

Ion 72.00 (71.70 to 72.70): G6576.D





#29

C220 Tetrachloroethene

Concen: 4.61 ng

RT: 6.42 min Scan# 818

Delta R.T. 0.00 min

Lab File: G6576.D

Acq: 30 Oct 2006 16:10

Tgt Ion:166 Resp: 48639

Ion Ratio Lower Upper

166 100

164 85.2 63.9 95.9

131 64.3 53.9 80.9

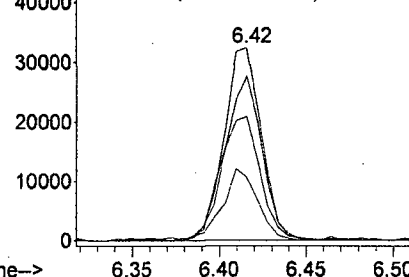
94 32.8 28.3 42.5

Abundance Ion 166.00 (165.70 to 166.70): G6576

50000 Ion 164.00 (163.70 to 164.70): G6576

Ion 131.00 (130.70 to 131.70): G6576

Ion 94.00 (93.70 to 94.70): G6576.D



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) WATERLab Sample ID: A6C51212Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6577.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6577.D

Vial: 20

Acq On : 30 Oct 2006 16:33

Operator: LH

Sample : A6C51212

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:50:37 2006

Results File: A6I0002079.RES

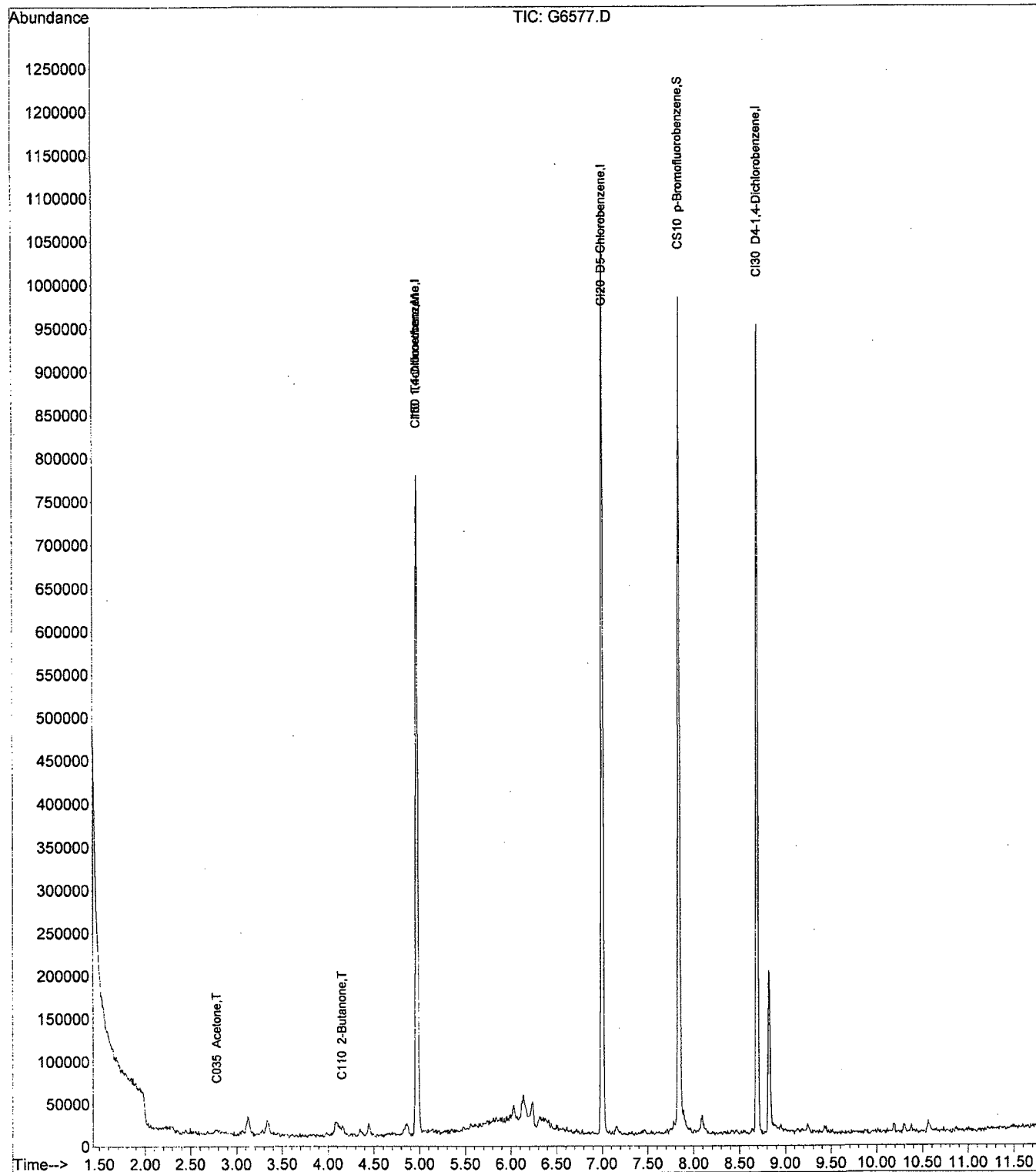
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6577.D

Vial: 20

Acq On : 30 Oct 2006 16:33

Operator: LH

Sample : A6C51212

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:50:37 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

SHEETS 15/30/06
NOTES

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev (Min)
							Rcv (Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	577214	25.00	ng	0.00
							85.91%
18)	CI20 D5-Chlorobenzene	7.00	117	519568	25.00	ng	0.00
							85.25%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	234442	25.00	ng	0.00
							60.92%

System Monitoring Compounds

39)	CS10 p-Bromofluorobenzene	7.84	174	232842	24.63	ng	0.00
	Spiked Amount	25.000	Range	80 - 120	Recovery	=	98.52%

Qvalue

Target Compounds

2)	C010 Chloromethane	1.51	50	1161	N.D.		
3)	C015 Bromomethane	1.88	94	234	N.D.		
4)	C020 Vinyl Chloride	1.64	62	131	N.D.		
5)	C025 Chloroethane	2.03	64	550	N.D.		
6)	C030 Methylene Chloride	3.12	84	11334	N.D.		
7)	C035 Acetone	2.78	43	13655	2.78 ng		88
8)	C040 Carbon Disulfide	2.89	76	8088	N.D.		
9)	C045 1,1-Dichloroethene	2.70	96	90	N.D.		
10)	C050 1,1-Dichloroethane	3.68	63	79	N.D.		
11)	C057 trans-1,2-dichloro	3.32	96	131	N.D.		
12)	C056 cis-1,2-Dichloroet	4.10	96	627	N.D.		
13)	C125 Vinyl Acetate	3.48	43	817	N.D.		
14)	C060 Chloroform	4.34	83	1158	N.D.		
15)	C222 Bromochloromethane	4.28	128	84	N.D.		
16)	C065 1,2-Dichloroethane	4.85	62	180	N.D.		
17)	C110 2-Butanone	4.15	43	16632	2.19 ng		59
19)	C115 1,1,1-Trichloroeth	4.45	97	6867	N.D.		
20)	C120 Carbon Tetrachlori	4.45	117	1398	N.D.		
21)	C150 Trichloroethene	4.97	95	10368	1.08 ng	#	12
22)	C130 Bromodichlorometha	5.50	83	219	N.D.		
23)	C140 1,2-Dichloropropan	5.30	63	84	N.D.		
24)	C145 cis-1,3-Dichloropr	5.72	75	419	N.D.		
25)	C165 Benzene	4.70	78	2513	N.D.		
26)	C155 Dibromochlorometha	6.60	129	56	N.D.		
27)	C170 trans-1,3-Dichloro	6.20	75	371	N.D.		
28)	C160 1,1,2-Trichloroeth	6.33	97	391	N.D.		
29)	C220 Tetrachloroethene	6.42	166	1057	N.D.		
30)	C163 1,2-Dibromoethane	6.68	107	87	N.D.		
31)	C210 4-Methyl-2-Pentano	5.91	43	549	N.D.		
32)	C215 2-Hexanone	6.48	43	684	N.D.		
33)	C230 Toluene	6.03	91	8158	N.D.		
34)	C235 Chlorobenzene	7.02	112	273	N.D.		
35)	C240 Ethylbenzene	7.08	91	1707	N.D.		
36)	C246 m,p-Xylene	7.16	106	1650	N.D.		
37)	C247 o-Xylene	7.45	106	699	N.D.		
38)	C245 Styrene	7.46	104	1102	N.D.		
40)	C225 1,1,2,2-Tetrachlor	7.96	83	116	N.D.		
42)	C180 Bromoform	7.62	173	75	N.D.		
43)	C260 1,3-Dichlorobenzen	8.65	146	1526	N.D.		
44)	C267 1,4-Dichlorobenzen	8.71	146	1498	N.D.		
45)	C249 1,2-Dichlorobenzen	9.00	146	1070	N.D.		

MS
11/6/06

Data File : D:\MSDCHEM\G\DATA\103006\G6577.D Vial: 20
 Acq On : 30 Oct 2006 16:33 Operator: LH
 Sample : A6C51212 Inst : HP5973G
 Misc : Multiplr: 1.00

MS Integration Params: RTEINT2.P
 Quant Time: Oct 30 16:50:37 2006

Results File: A6I0002079.RES

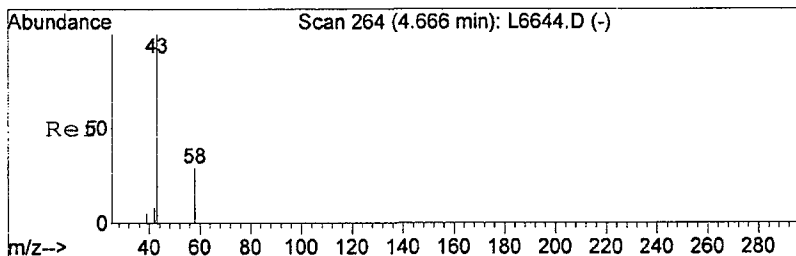
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Mon Oct 30 10:34:17 2006
 Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

46) C286	1,2-Dibromo-3-Chlo	9.59	75	147	N.D.	
47) C313	1,2,4-Trichloroben	10.20	180	3118	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

APL
11/6/00



#7

C035 Acetone

Concen: 2.78 ng

RT: 2.78 min Scan# 222

Delta R.T. 0.01 min

Lab File: G6577.D

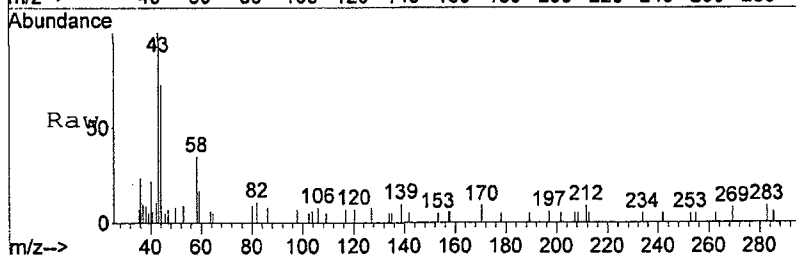
Acq: 30 Oct 2006 16:33

Tgt Ion: 43 Resp: 13655

Ion Ratio Lower Upper

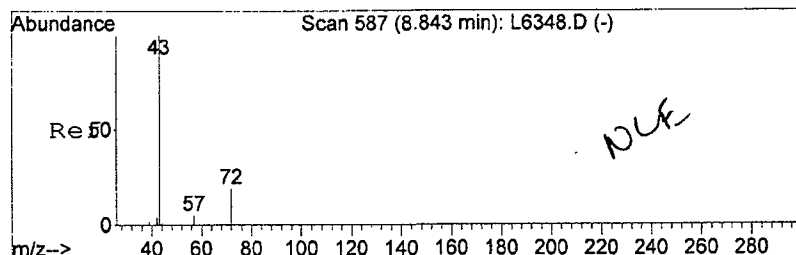
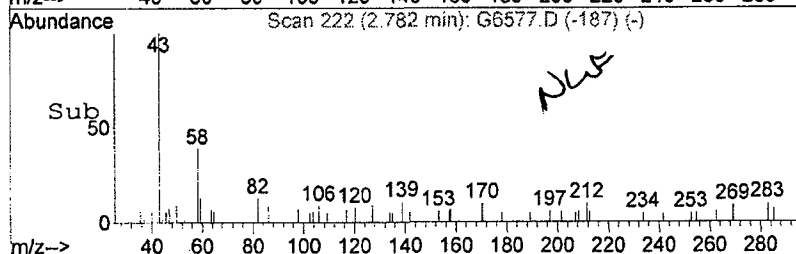
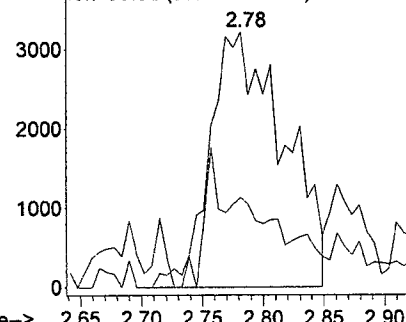
43 100

58 35.1 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6577.D

Ion 58.00 (57.70 to 58.70): G6577.D



#17

C110 2-Butanone

Concen: 2.19 ng

RT: 4.15 min Scan# 447

Delta R.T. 0.04 min

Lab File: G6577.D

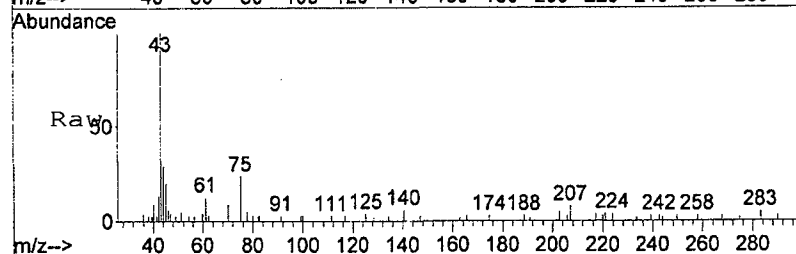
Acq: 30 Oct 2006 16:33

Tgt Ion: 43 Resp: 16632

Ion Ratio Lower Upper

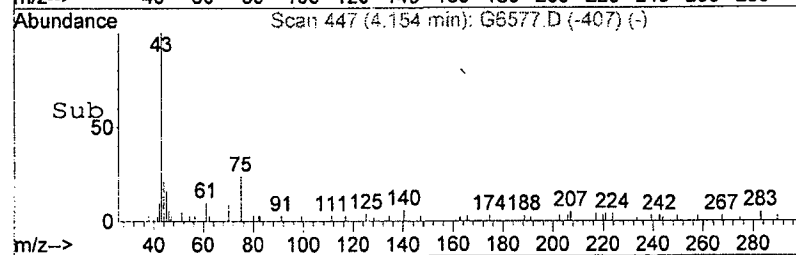
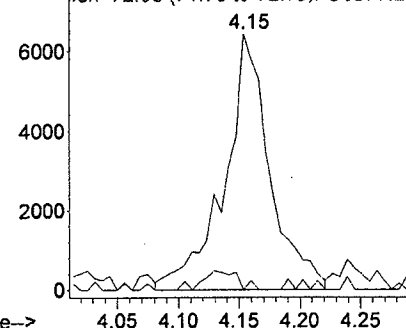
43 100

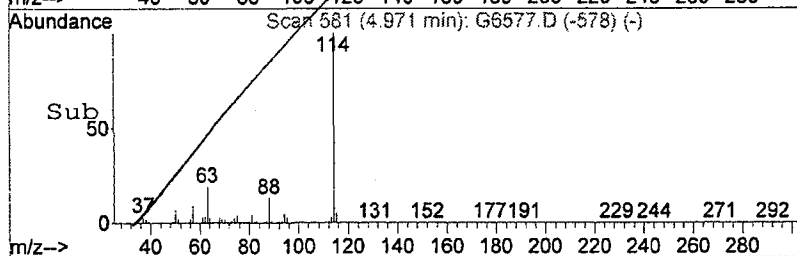
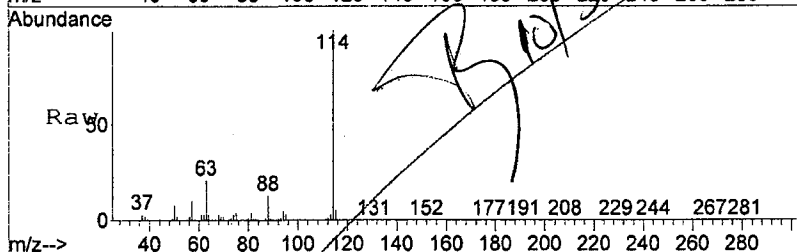
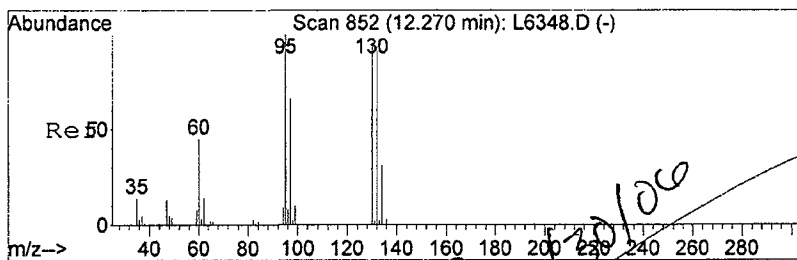
72 0.0 0.0 38.5



Abundance Ion 43.00 (42.70 to 43.70): G6577.D

Ion 72.00 (71.70 to 72.70): G6577.D





#21

C150 Trichloroethene

Concen: 1.08 ng

RT: 4.97 min Scan# 581

Delta R.T. -0.18 min

Lab File: G6577.D

Acq: 30 Oct 2006 16:33

Tgt Ion: 95 Resp: 10368

Ion Ratio Lower Upper

95 100

130 0.0 76.7 115.1#

132 0.0 75.3 112.9#

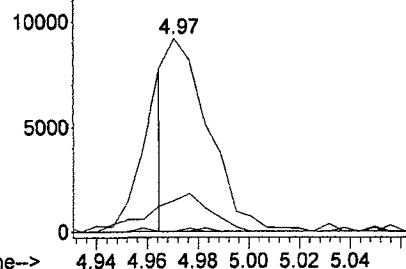
60 16.1 36.2 54.2#

Abundance Ion 95.00 (94.70 to 95.70): G6577.D

Ion 130.00 (129.70 to 130.70): G6577.D

Ion 132.00 (131.70 to 132.70): G6577.D

Ion 60.00 (59.70 to 60.70): G6577.D



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) WATERLab Sample ID: A6C51213Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6578.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6578.D

Vial: 21

Acq On : 30 Oct 2006 16:56

Operator: LH

Sample : A6C51213

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 17:57:20 2006

Results File: A6I0002079.RES

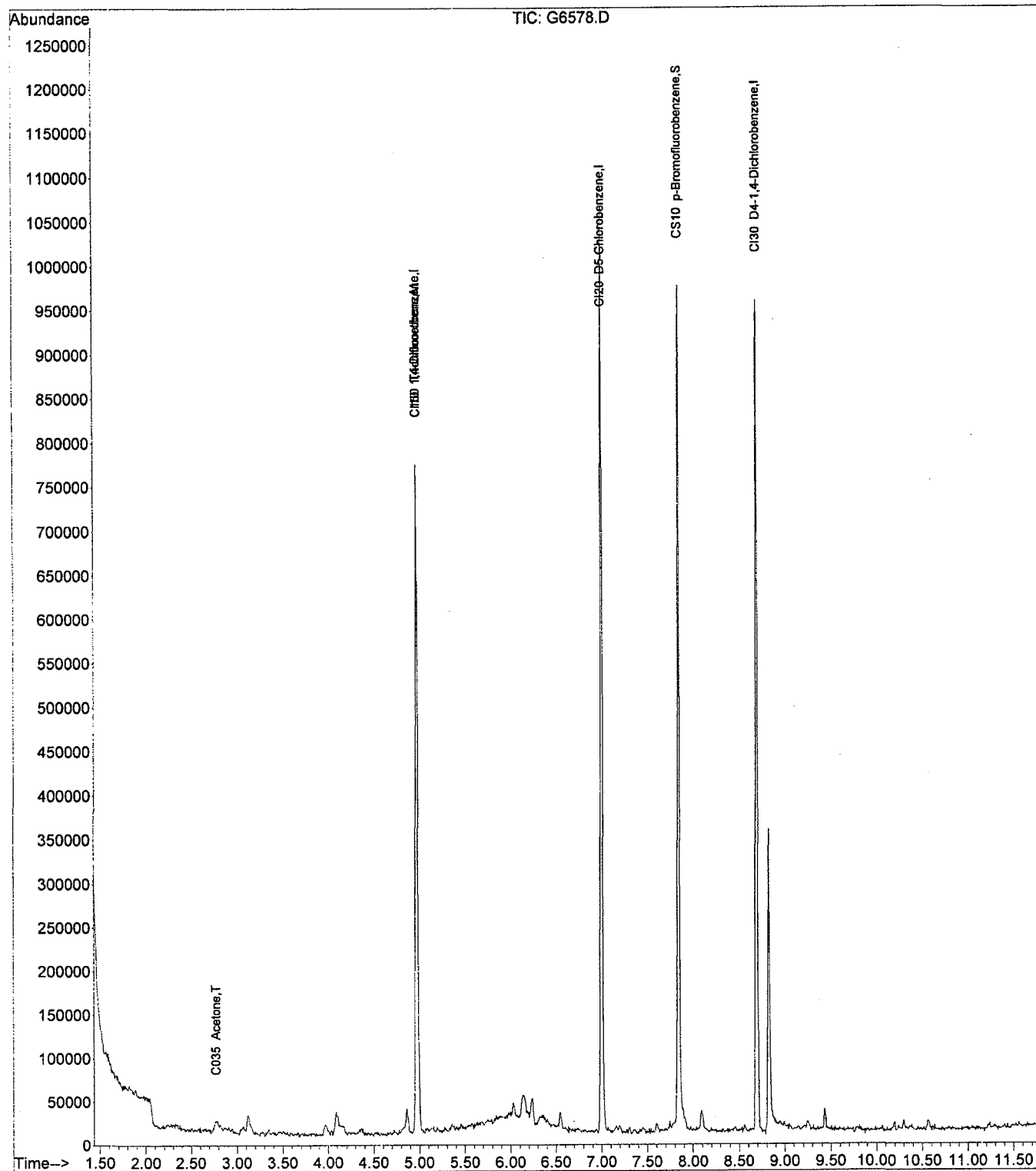
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6578.D

Vial: 21

Acq On : 30 Oct 2006 16:56

Operator: LH

Sample : A6C51213

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 17:57:20 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

SEE 3/10/30/06
+tics

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.97	114	553514	25.00	ng	0.00
							82.38%
18) CI20	D5-Chlorobenzene	7.00	117	505667	25.00	ng	0.00
							82.97%
41) CI30	D4-1,4-Dichlorobenze	8.70	152	232278	25.00	ng	0.00
							60.35%

System Monitoring Compounds

39) CS10	p-Bromofluorobenzene	7.84	174	231424	25.15	ng	0.00
Spiked Amount	25.000	Range	80 - 120	Recovery	=	100.60%	/

Qvalue

Target Compounds

2) C010	Chloromethane	1.50	50	780	N.D.		
3) C015	Bromomethane	1.93	94	275	N.D.		
4) C020	Vinyl Chloride	1.61	62	136	N.D.		
5) C025	Chloroethane	2.04	64	212	N.D.		
6) C030	Methylene Chloride	3.13	84	11909	N.D.		
7) C035	Acetone	2.78	43	32466	6.90	ng	98
8) C040	Carbon Disulfide	2.88	76	12888	N.D.		
9) C045	1,1-Dichloroethene	2.70	96	330	N.D.		
10) C050	1,1-Dichloroethane	3.66	63	151	N.D.		
11) C057	trans-1,2-dichloro	3.34	96	258	N.D.		
12) C056	cis-1,2-Dichloroet	4.11	96	294	N.D.		
13) C125	Vinyl Acetate	3.51	43	835	N.D.		
14) C060	Chloroform	4.34	83	216	N.D.		
15) C222	Bromochloromethane	4.28	128	94	N.D.		
16) C065	1,2-Dichloroethane	4.73	62	210	N.D.		
17) C110	2-Butanone	4.08	43	975	N.D.		
19) C115	1,1,1-Trichloroeth	4.45	97	173	N.D.		
20) C120	Carbon Tetrachlori	4.73	117	60	N.D.		
21) C150	Trichloroethene	4.97	95	10243	1.10	ng	# 13
22) C130	Bromodichlorometha	5.43	83	100	N.D.		
23) C140	1,2-Dichloropropan	5.33	63	64	N.D.		
24) C145	cis-1,3-Dichloropr	5.93	75	561	N.D.		
25) C165	Benzene	4.72	78	1687	N.D.		
26) C155	Dibromochlorometha	6.57	129	211	N.D.		
27) C170	trans-1,3-Dichloro	6.18	75	669	N.D.		
28) C160	1,1,2-Trichloroeth	6.32	97	722	N.D.		
29) C220	Tetrachloroethene	6.42	166	69	N.D.		
30) C163	1,2-Dibromoethane	6.67	107	67	N.D.		
31) C210	4-Methyl-2-Pentano	5.89	43	2945	N.D.		
32) C215	2-Hexanone	6.47	43	458	N.D.		
33) C230	Toluene	6.03	91	6258	N.D.		
34) C235	Chlorobenzene	7.02	112	193	N.D.		
35) C240	Ethylbenzene	7.08	91	1077	N.D.		
36) C246	m,p-Xylene	7.15	106	1661	N.D.		
37) C247	o-Xylene	7.44	106	954	N.D.		
38) C245	Styrene	7.46	104	622	N.D.		
40) C225	1,1,2,2-Tetrachlor	7.95	83	119	N.D.		
42) C180	Bromoform	7.62	173	268	N.D.		
43) C260	1,3-Dichlorobenzen	8.64	146	340	N.D.		
44) C267	1,4-Dichlorobenzen	8.71	146	1220	N.D.		
45) C249	1,2-Dichlorobenzen	9.00	146	491	N.D.		

MS
11/6/06

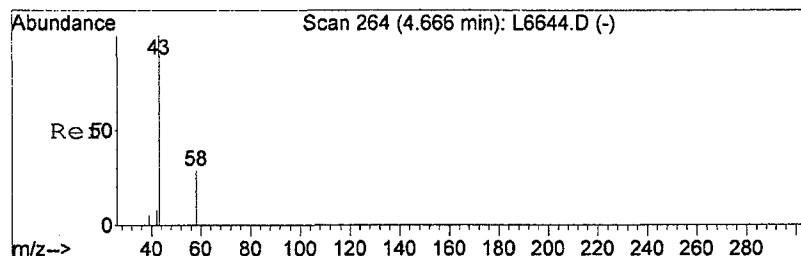
Data File : D:\MSDCHEM\G\DATA\103006\G6578.D Vial: 21
Acq On : 30 Oct 2006 16:56 Operator: LH
Sample : A6C51213 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 17:57:20 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
46) C286 1,2-Dibromo-3-Chlo	9.48	75	120	N.D.		
47) C313 1,2,4-Trichloroben	10.19	180	2146	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Handwritten:
A6I
11/6/06



#7

C035 Acetone

Concen: 6.90 ng

RT: 2.78 min Scan# 221

Delta R.T. 0.01 min

Lab File: G6578.D

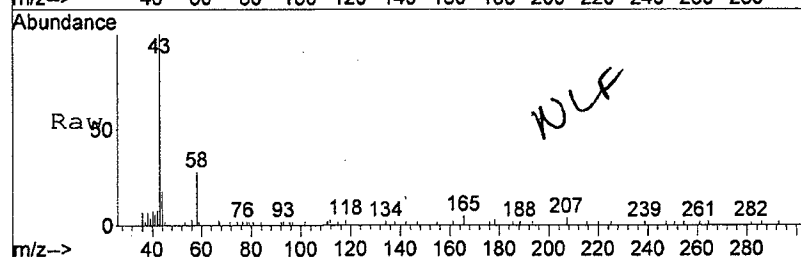
Acq: 30 Oct 2006 16:56

Tgt Ion: 43 Resp: 32466

Ion Ratio Lower Upper

43 100

58 27.7 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6578.D

Ion 58.00 (57.70 to 58.70): G6578.D

2.78

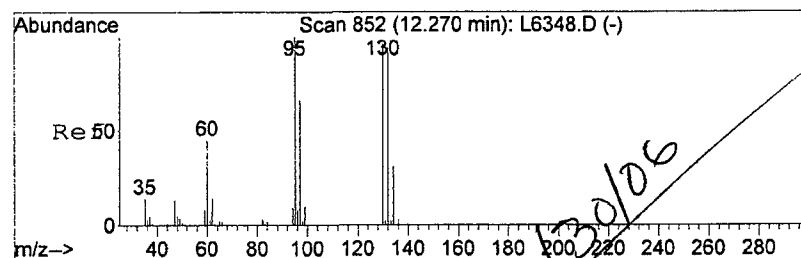
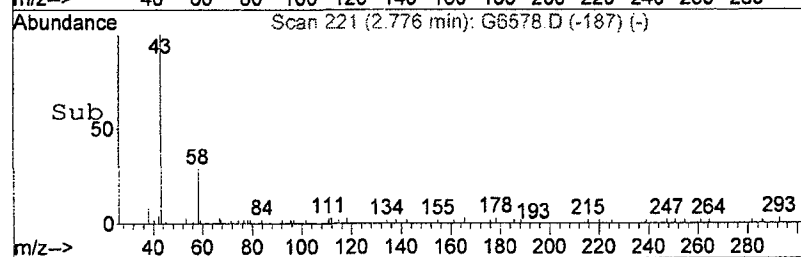
10000

5000

0

Time-->

2.70 2.75 2.80 2.85



#21

C150 Trichloroethene

Concen: 1.10 ng

RT: 4.97 min Scan# 581

Delta R.T. -0.18 min

Lab File: G6578.D

Acq: 30 Oct 2006 16:56

Tgt Ion: 95 Resp: 10243

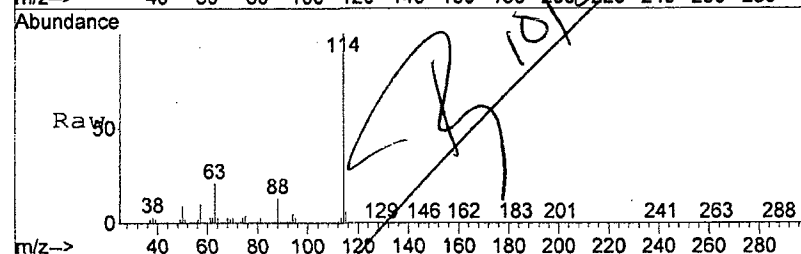
Ion Ratio Lower Upper

95 100

130 1.6 76.7 115.1#

132 0.0 75.3 112.9#

60 15.1 36.2 54.2#



Abundance Ion 95.00 (94.70 to 95.70): G6578.D

Ion 130.00 (129.70 to 130.70): G6578.D

Ion 132.00 (131.70 to 132.70): G6578.D

Ion 60.00 (59.70 to 60.70): G6578.D

15000

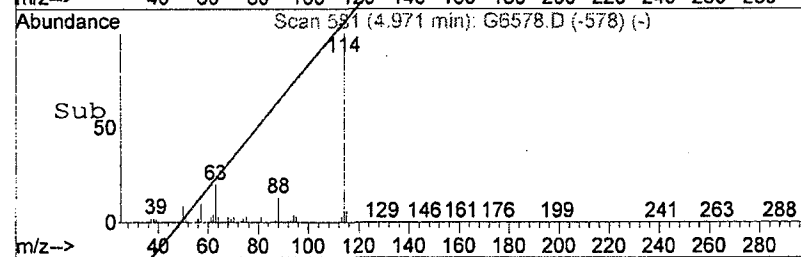
10000

5000

0

Time-->

4.94 4.96 4.98 5.00 5.02 5.04



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) WATERLab Sample ID: A6C51214Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6584.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6584.D

Acq On : 30 Oct 2006 19:18

Sample : A6C51214 B

Misc :

MS Integration Params: RTEINT2.P

Vial: 27

Operator: LH

Inst : HP5973G

Multiplr: 1.00

Quant Time: Oct 30 19:33:31 2006

Results File: A6I0002079.RES

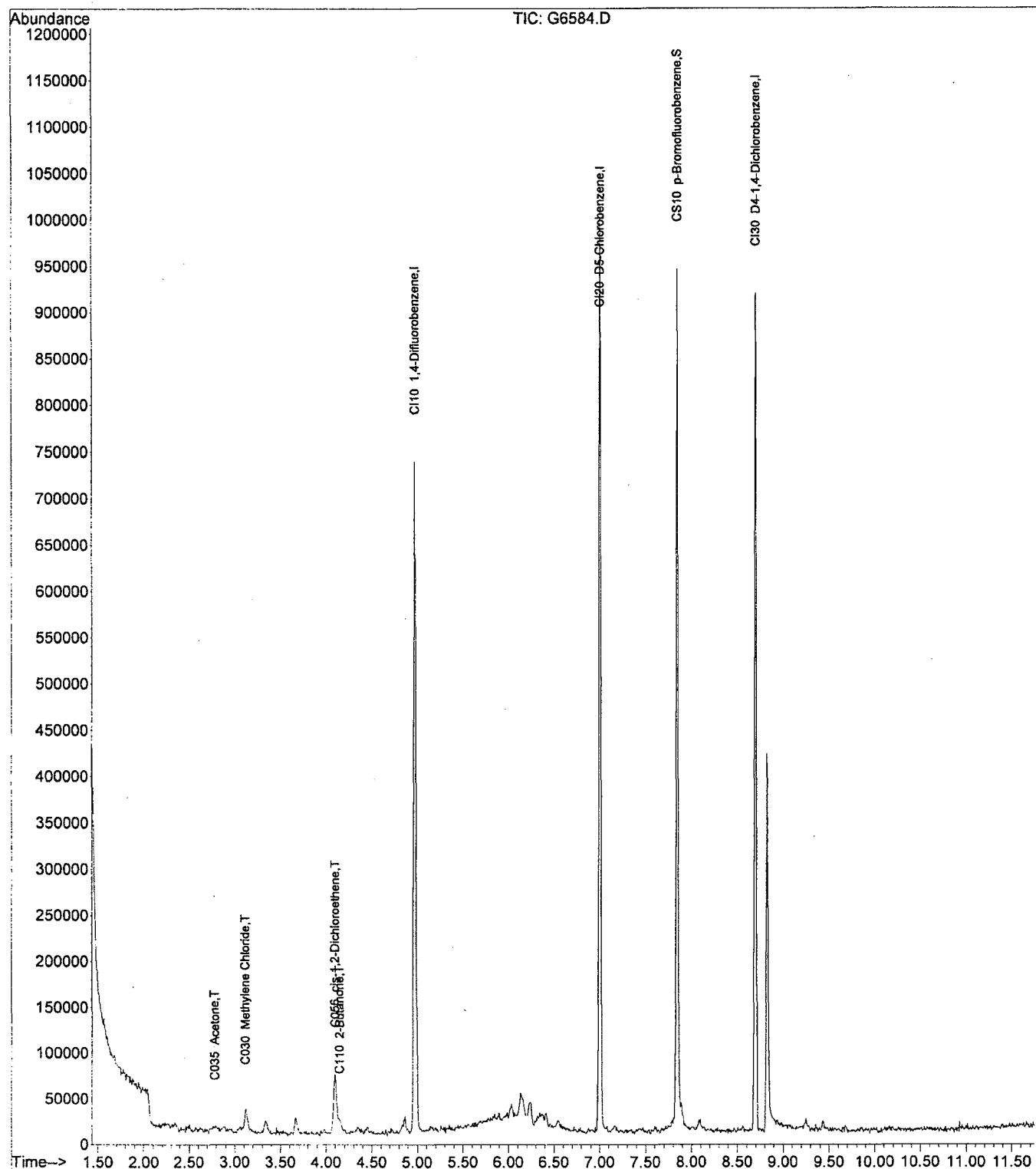
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6584.D

Vial: 27

Acq On : 30 Oct 2006 19:18

Operator: LH

Sample : A6C51214 B

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 19:33:31 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth: CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)	Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.97	114	532784	25.00 ng	0.00	
18)	CI20	D5-Chlorobenzene	7.00	117	485958	25.00 ng	0.00	
41)	CI30	D4-1,4-Dichlorobenze	8.70	152	232155	25.00 ng	0.00	

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 223004 25.22 ng 0.00
Spiked Amount 25.000 Range 80 - 120 Recovery = 100.88%

Target Compounds

2)	C010	Chloromethane	1.51	50	1823	N.D.		
3)	C015	Bromomethane	1.94	94	629	N.D.		
4)	C020	Vinyl Chloride	1.61	62	169	N.D.		
5)	C025	Chloroethane	2.00	64	534	N.D.		
6)	C030	Methylene Chloride	3.11	84	12627	1.08 ng	#	79
7)	C035	Acetone	2.78	43	8223	1.82 ng		89
8)	C040	Carbon Disulfide	2.87	76	11476	N.D.		
9)	C045	1,1-Dichloroethene	2.68	96	204	N.D.		
10)	C050	1,1-Dichloroethane	3.67	63	16630	N.D.		
11)	C057	trans-1,2-dichloro	3.34	96	684	N.D.		
12)	C056	cis-1,2-Dichloroethe	4.10	96	16674	1.59 ng		95
13)	C125	Vinyl Acetate	3.45	43	507	N.D.		
14)	C060	Chloroform	4.32	83	444	N.D.		
15)	C222	Bromochloromethane	4.29	128	80	N.D.		
16)	C065	1,2-Dichloroethane	4.74	62	563	N.D.		
17)	C110	2-Butanone	4.15	43	17196	2.45 ng		59
19)	C115	1,1,1-Trichloroeth	4.46	97	3961	N.D.		
20)	C120	Carbon Tetrachlori	4.68	117	118	N.D.		
21)	C150	Trichloroethene	5.16	95	480	N.D.		
22)	C130	Bromodichlorometha	5.49	83	61	N.D.		
23)	C140	1,2-Dichloropropan	5.29	63	56	N.D.		
24)	C145	cis-1,3-Dichloropr	5.70	75	337	N.D.		
25)	C165	Benzene	4.71	78	2906	N.D.		
26)	C155	Dibromochlorometha	6.60	129	73	N.D.		
27)	C170	trans-1,3-Dichloro	6.04	75	245	N.D.		
28)	C160	1,1,2-Trichloroeth	6.36	97	153	N.D.		
29)	C220	Tetrachloroethene	6.41	166	2795	N.D.		
30)	C163	1,2-Dibromoethane	6.70	107	99	N.D.		
31)	C210	4-Methyl-2-Pentano	5.89	43	721	N.D.		
32)	C215	2-Hexanone	6.35	43	254	N.D.		
33)	C230	Toluene	6.03	91	6367	N.D.		
34)	C235	Chlorobenzene	6.90	112	144	N.D.		
35)	C240	Ethylbenzene	7.08	91	1392	N.D.		
36)	C246	m,p-Xylene	7.17	106	1453	N.D.		
37)	C247	o-Xylene	7.45	106	351	N.D.		
38)	C245	Styrene	7.38	104	161	N.D.		
40)	C225	1,1,2,2-Tetrachlor	7.96	83	60	N.D.		
42)	C180	Bromoform	7.72	173	190	N.D.		
43)	C260	1,3-Dichlorobenzen	8.66	146	94	N.D.		
44)	C267	1,4-Dichlorobenzen	8.71	146	485	N.D.		
45)	C249	1,2-Dichlorobenzen	8.99	146	253	N.D.		

Data File : D:\MSDCHEM\G\DATA\103006\G6584.D

Vial: 27

Acq On : 30 Oct 2006 19:18

Operator: LH

Sample : A6C51214 B

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 19:33:31 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

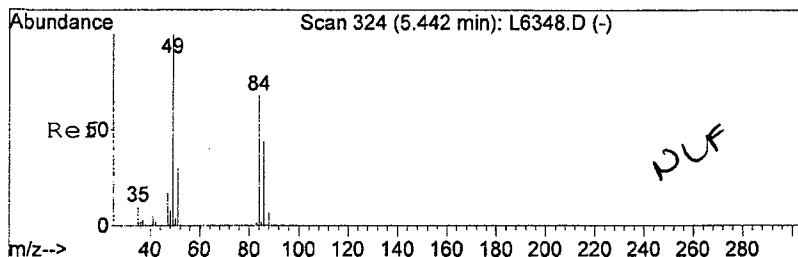
Internal Standards

R.T. QIon Response Conc Units Dev(Min)
Rcv(Ar)

46)	C286	1,2-Dibromo-3-Chlo	9.57	75	122	N.D.
47)	C313	1,2,4-Trichloroben	10.19	180	339	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

168/426



#6

C030 Methylene Chloride

Concen: 1.08 ng

RT: 3.11 min Scan# 276

Delta R.T. -0.01 min

Lab File: G6584.D

Acq: 30 Oct 2006 19:18

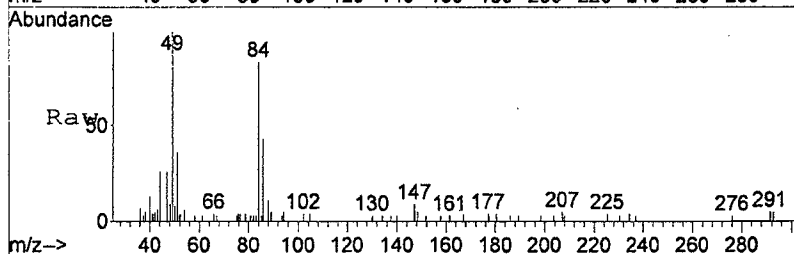
Tgt Ion: 84 Resp: 12627

Ion Ratio Lower Upper

84 100

49 118.4 126.2 166.2#

86 50.5 43.8 83.8



Abundance Ion 84.00 (83.70 to 84.70): G6584.D

Ion 49.00 (48.70 to 49.70): G6584.D

Ion 86.00 (85.70 to 86.70): G6584.D

10000

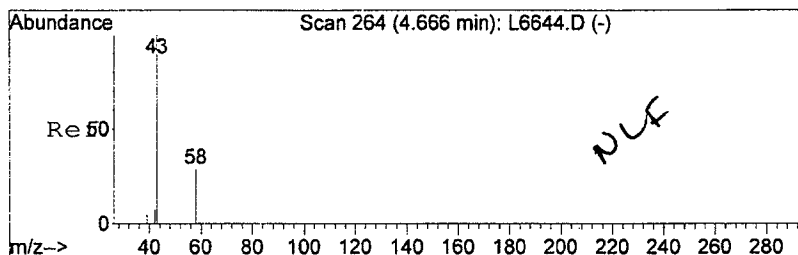
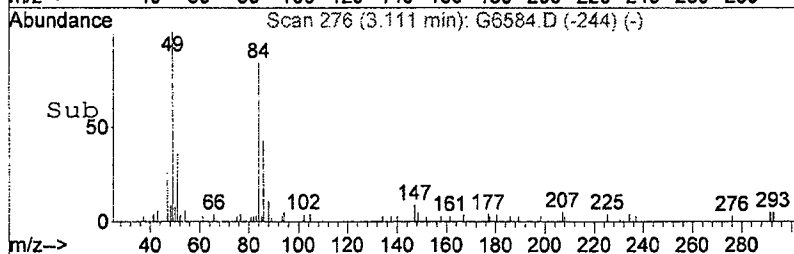
5000

0

3.11

Time-->

3.05 3.10 3.15 3.20 3.25



#7

C035 Acetone

Concen: 1.82 ng

RT: 2.78 min Scan# 221

Delta R.T. 0.01 min

Lab File: G6584.D

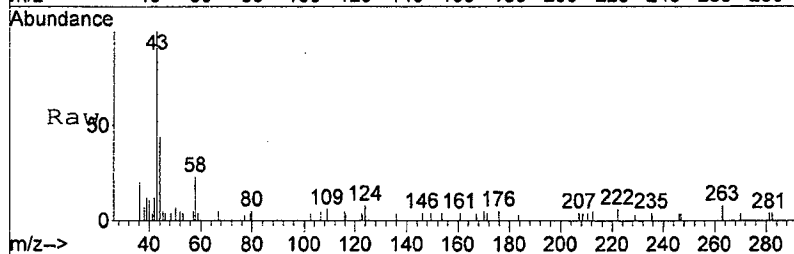
Acq: 30 Oct 2006 19:18

Tgt Ion: 43 Resp: 8223

Ion Ratio Lower Upper

43 100

58 22.8 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6584.D

Ion 58.00 (57.70 to 58.70): G6584.D

5000

4000

3000

2000

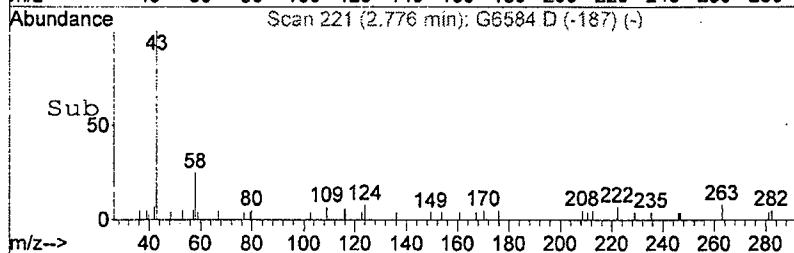
1000

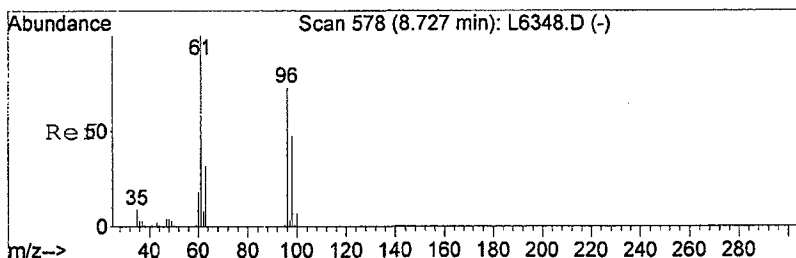
0

2.78

Time-->

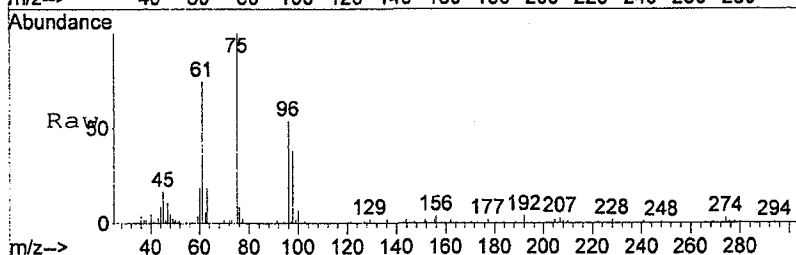
2.70 2.72 2.74 2.76 2.78 2.80



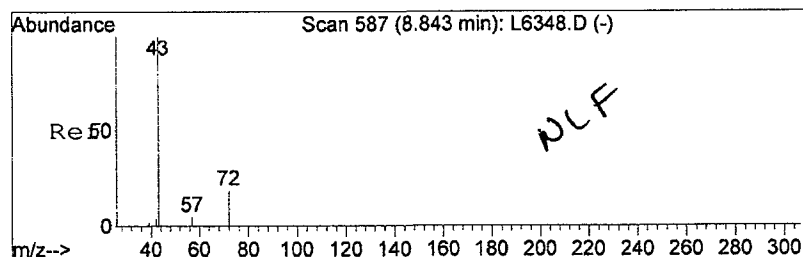
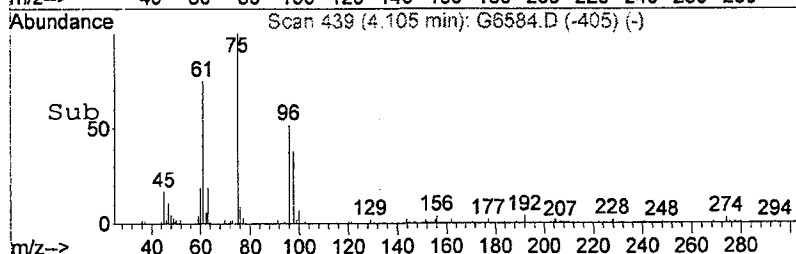
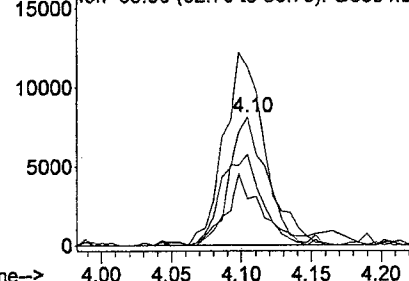


#12
C056 cis-1,2-Dichloroethene
Concen: 1.59 ng
RT: 4.10 min Scan# 439
Delta R.T. 0.01 min
Lab File: G6584.D
Acq: 30 Oct 2006 19:18

Tgt Ion: 96 Resp: 16674
Ion Ratio Lower Upper
96 100
61 139.2 117.3 157.3
98 71.1 46.0 86.0
63 36.0 23.3 63.3

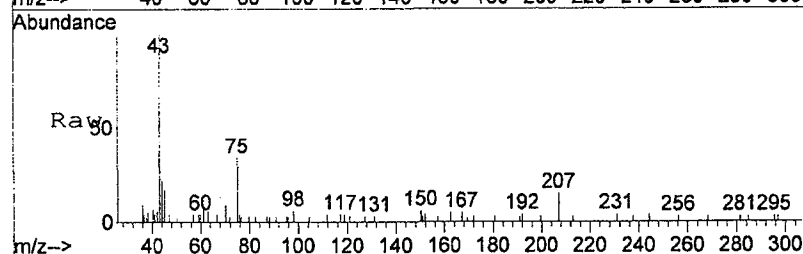


Abundance Ion 96.00 (95.70 to 96.70): G6584.D
Ion 61.00 (60.70 to 61.70): G6584.D
Ion 98.00 (97.70 to 98.70): G6584.D
Ion 63.00 (62.70 to 63.70): G6584.D

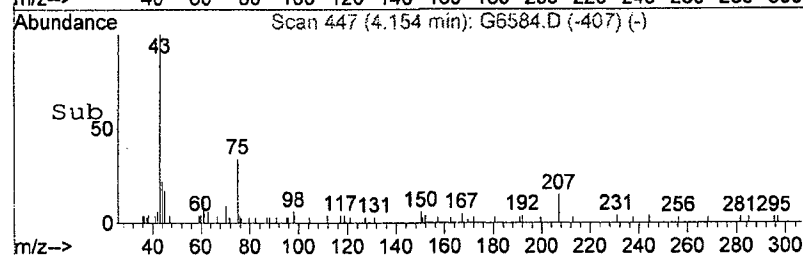
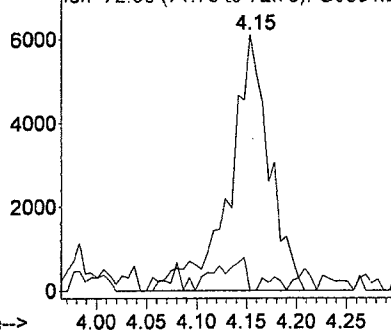


#17
C110 2-Butanone
Concen: 2.45 ng
RT: 4.15 min Scan# 447
Delta R.T. 0.04 min
Lab File: G6584.D
Acq: 30 Oct 2006 19:18

Tgt Ion: 43 Resp: 17196
Ion Ratio Lower Upper
43 100
72 0.0 0.0 38.5



Abundance Ion 43.00 (42.70 to 43.70): G6584.D
Ion 72.00 (71.70 to 72.70): G6584.D



170/426

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

MW-9/10

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATERLab Sample ID: A6C51215Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6592.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6592.D

Vial: 5

Acq On : 30 Oct 2006 23:21

Operator: RJ

Sample : A6C51215 C

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 31 08:10:42 2006

Results File: A6I0002079.RES

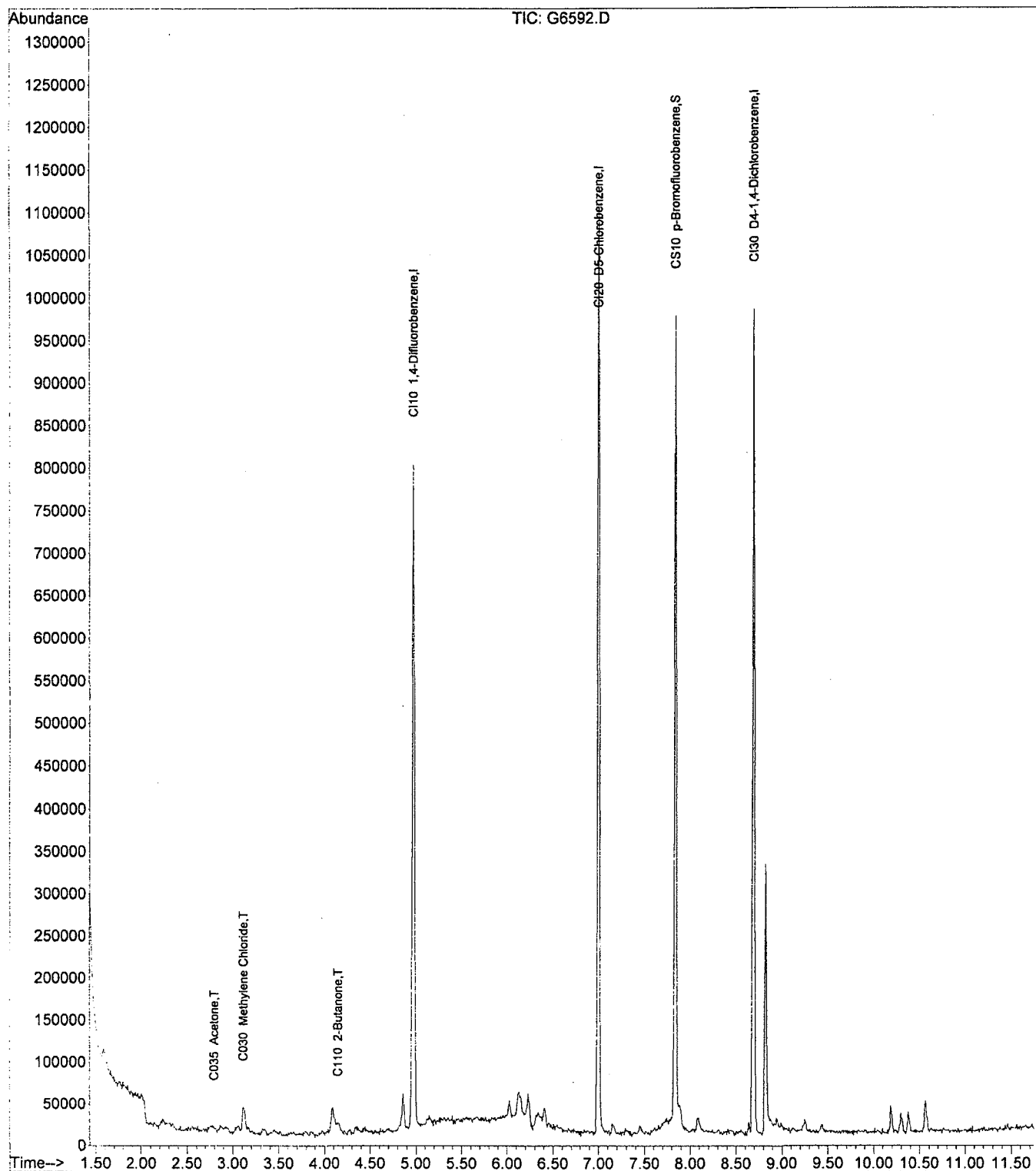
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 22:15:58 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\DATA\103006\G6589.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6592.D
 Acq On : 30 Oct 2006 23:21
 Sample : A6C51215 C
 Misc :

Vial: 5
 Operator: RJ
 Inst : HP5973G
 Multiplr: 1.00

MS Integration Params: RTEINT2.P
 Quant Time: Oct 31 08:10:42 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Mon Oct 30 22:15:58 2006
 Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

NO STE
 JLC 10/31/06
 WA

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.97	114	566015	25.00	ng	0.00	95.27%
18) CI20	D5-Chlorobenzene	7.00	117	524919	25.00	ng	0.00	92.05%
41) CI30	D4-1,4-Dichlorobenze	8.70	152	241434	25.00	ng	0.00	84.21%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 235104 23.34 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 93.36%

Target Compounds

							Qvalue
2) C010	Chloromethane	1.48	50	507	N.D.		
3) C015	Bromomethane	1.84	94	87	N.D.		
4) C020	Vinyl Chloride	1.62	62	148	N.D.		
5) C025	Chloroethane	2.04	64	1206	N.D.		
6) C030	Methylene Chloride	3.12	84	17744	1.30 ng	97	
7) C035	Acetone	2.79	43	18976	3.19 ng	99	
8) C040	Carbon Disulfide	2.87	76	11757	N.D.		
9) C045	1,1-Dichloroethene	2.69	96	270	N.D.		
10) C050	1,1-Dichloroethane	3.67	63	2245	N.D.		
11) C057	trans-1,2-dichloro	3.33	96	292	N.D.		
12) C056	cis-1,2-Dichloroet	4.10	96	923	N.D.		
13) C125	Vinyl Acetate	3.50	43	666	N.D.		
14) C060	Chloroform	4.33	83	858	N.D.		
15) C222	Bromochloromethane	4.27	128	301	N.D.		
16) C065	1,2-Dichloroethane	4.74	62	312	N.D.		
17) C110	2-Butanone	4.15	43	17996	2.31 ng	74	
19) C115	1,1,1-Trichloroeth	4.45	97	2657	N.D.		
20) C120	Carbon Tetrachlori	4.51	117	237	N.D.		
21) C150	Trichloroethene	5.17	95	806	N.D.		
22) C130	Bromodichlorometha	5.49	83	90	N.D.		
23) C140	1,2-Dichloropropan	5.46	63	83	N.D.		
24) C145	cis-1,3-Dichloropr	5.68	75	450	N.D.		
25) C165	Benzene	4.71	78	2264	N.D.		
26) C155	Dibromochlorometha	6.70	129	90	N.D.		
27) C170	trans-1,3-Dichloro	6.35	75	366	N.D.		
28) C160	1,1,2-Trichloroeth	6.44	97	471	N.D.		
29) C220	Tetrachloroethene	6.41	166	5855	N.D.		
30) C163	1,2-Dibromoethane	6.72	107	55	N.D.		
31) C210	4-Methyl-2-Pentano	5.95	43	263	N.D.		
32) C215	2-Hexanone	6.32	43	422	N.D.		
33) C230	Toluene	6.03	91	9097	N.D.		
34) C235	Chlorobenzene	7.01	112	1041	N.D.		
35) C240	Ethylbenzene	7.16	91	3599	N.D.		
36) C246	m,p-Xylene	7.16	106	1555	N.D.		
37) C247	o-Xylene	7.46	106	1007	N.D.		
38) C245	Styrene	7.46	104	1067	N.D.		
40) C225	1,1,2,2-Tetrachlor	7.93	83	325	N.D.		
42) C180	Bromoform	7.60	173	64	N.D.		
43) C260	1,3-Dichlorobenzen	8.65	146	1220	N.D.		
44) C267	1,4-Dichlorobenzen	8.71	146	2421	N.D.		
45) C249	1,2-Dichlorobenzen	9.01	146	1824	N.D.		

WD

NWF

NWF

11/4/06

Data File : D:\MSDCHEM\G\DATA\103006\G6592.D

Vial: 5

Acq On : 30 Oct 2006 23:21

Operator: RJ

Sample : A6C51215 C

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 31 08:10:42 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 22:15:58 2006

Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

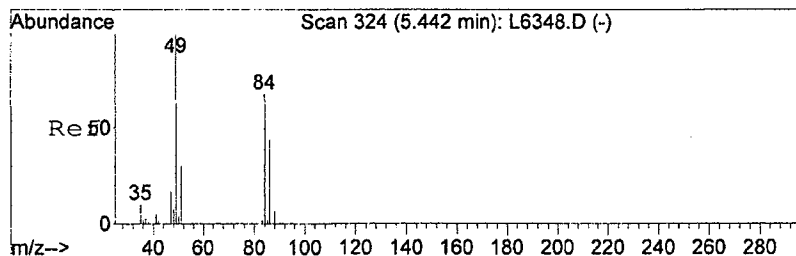
46) C286	1,2-Dibromo-3-Chlo	9.59	75	66	N.D.	
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47) C313	1,2,4-Trichloroben	10.20	180	8262	N.D.	
----------	--------------------	-------	-----	------	------	--

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Handwritten:
A6I
11/6/06

174/426



#6

C030 Methylene Chloride

Concen: 1.30 ng

RT: 3.12 min Scan# 278

Delta R.T. 0.00 min

Lab File: G6592.D

Acq: 30 Oct 2006 23:21

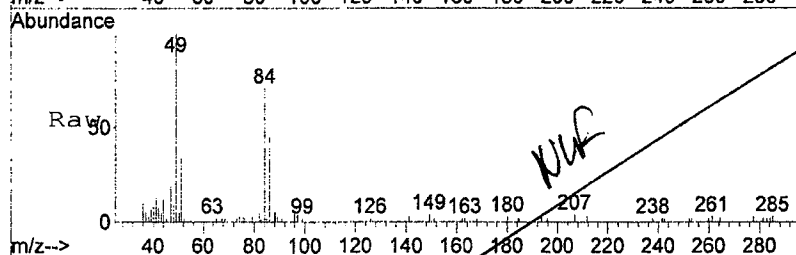
Tgt Ion: 84 Resp: 17744

Ion Ratio Lower Upper

84 100

49 141.6 126.2 166.2

86 63.6 43.8 83.8



Abundance Ion 84.00 (83.70 to 84.70): G6592.D

Ion 49.00 (48.70 to 49.70): G6592.D

Ion 86.00 (85.70 to 86.70): G6592.D

10000

5000

0

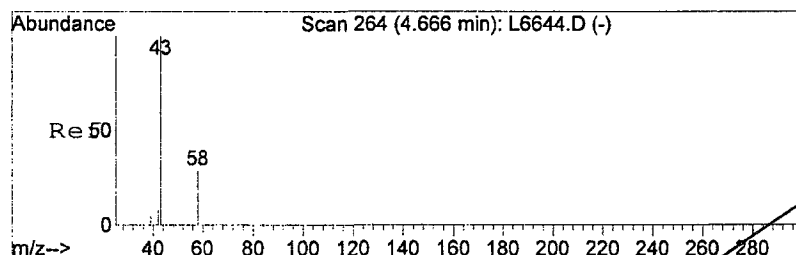
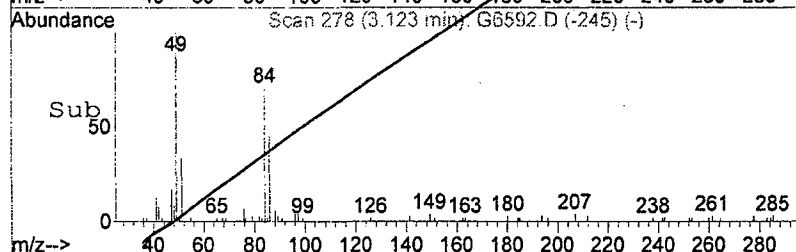
Time-->

3.05

3.10

3.15

3.20



#7

C035 Acetone

Concen: 3.79 ng

RT: 2.79 min Scan# 224

Delta R.T. 0.02 min

Lab File: G6592.D

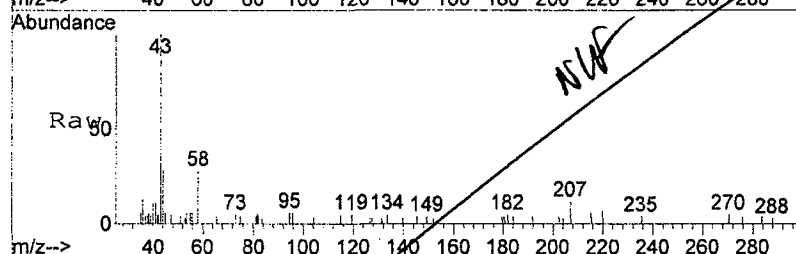
Acq: 30 Oct 2006 23:21

Tgt Ion: 43 Resp: 18976

Ion Ratio Lower Upper

43 100

58 27.9 8.6 48.6



Abundance Ion 43.00 (42.70 to 43.70): G6592.D

Ion 58.00 (57.70 to 58.70): G6592.D

6000

4000

2000

0

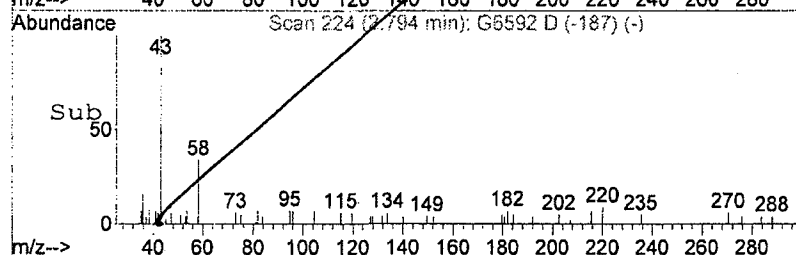
Time-->

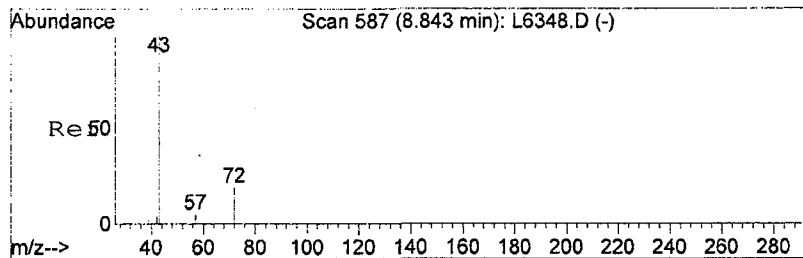
2.70

2.75

2.80

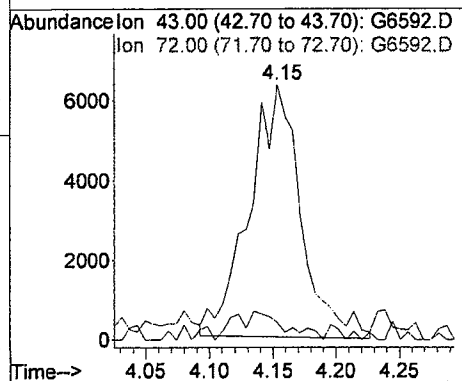
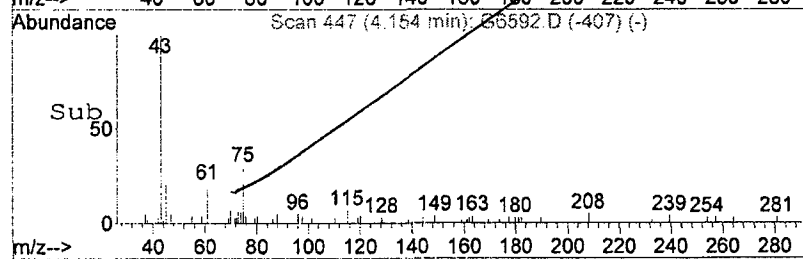
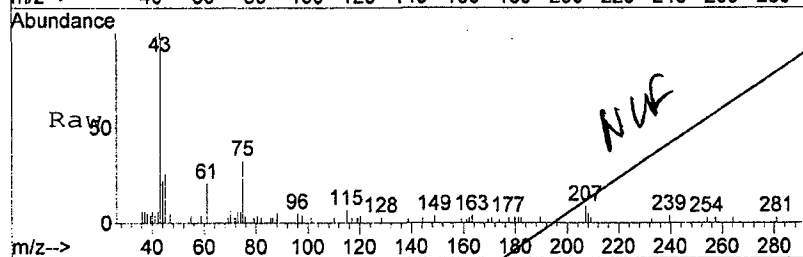
2.85





#17
C110 2-Butanone
Concen: 2.31 ng
RT: 4.15 min Scan# 447
Delta R.T. 0.04 min
Lab File: G6592.D
Acq: 30 Oct 2006 23:21

Tgt Ion: 43 Resp: 17996
Ion Ratio Lower Upper
43 100
72 6.8 0.0 38.5



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

Trip Blank

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6C51217Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6594.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/31/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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
108-88-3-----	Toluene		1	U
75-01-4-----	Vinyl chloride		1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6594.D

Acq On : 31 Oct 2006 00:06

Sample : A6C51217 HEADSPACE

Misc :

MS Integration Params: RTEINT2.P

Vial: 7

Operator: RJ

Inst : HP5973G

Multiplr: 1.00

Quant Time: Oct 31 08:10:57 2006

Results File: A6I0002079.RES

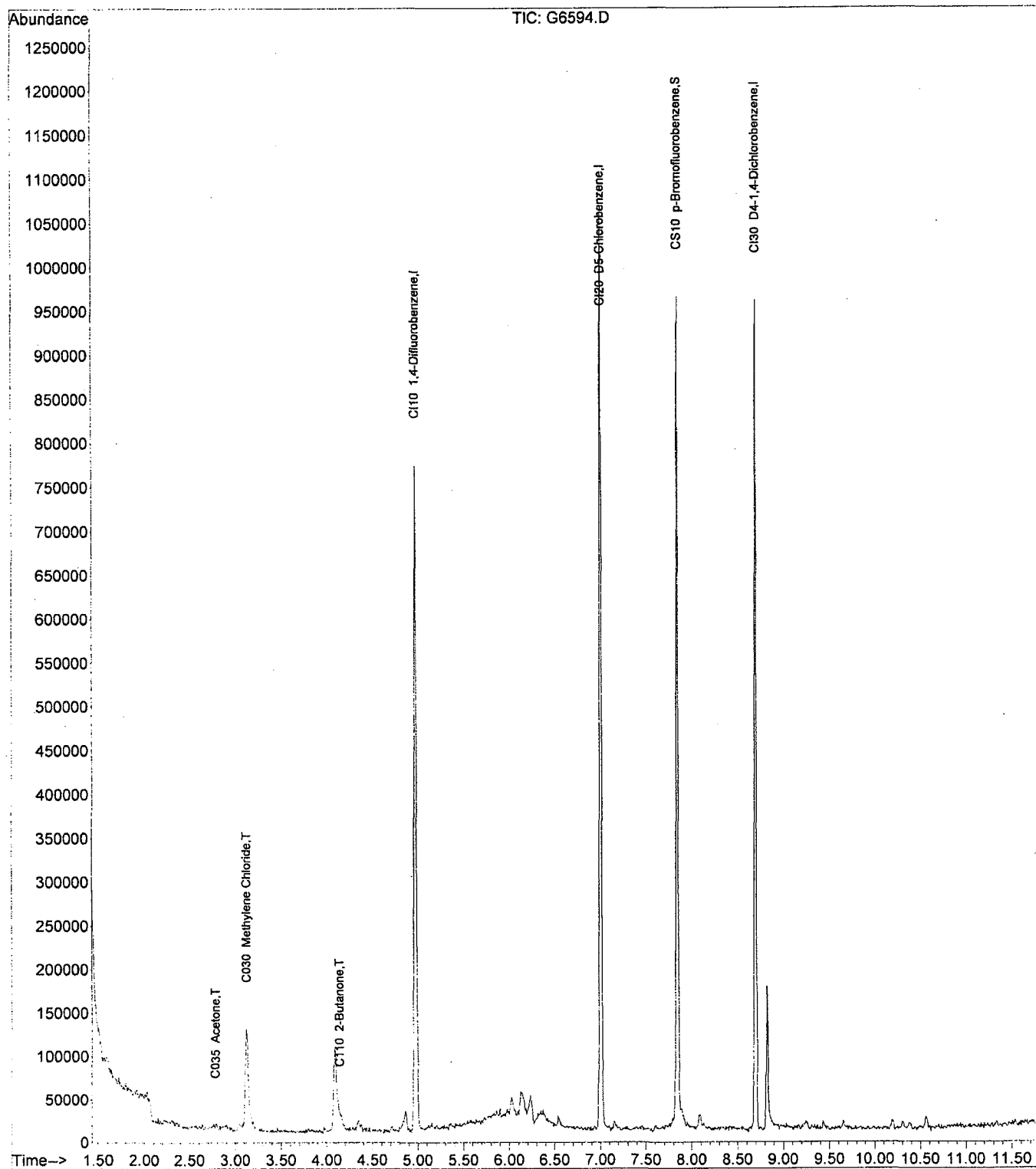
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 22:15:58 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\DATA\103006\G6589.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6594.D
 Acq On : 31 Oct 2006 00:06
 Sample : A6C51217 HEADSPACE
 Misc :
 MS Integration Params: RTEINT2.P
 Quant Time: Oct 31 08:10:57 2006

Vial: 7
 Operator: RJ
 Inst : HP5973G
 Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Mon Oct 30 22:15:58 2006
 Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.97	114	545098	25.00	ng	0.00	91.74%
18) CI20	D5-Chlorobenzene	7.00	117	507302	25.00	ng	0.00	88.96%
41) CI30	D4-1,4-Dichlorobenze	8.70	152	238258	25.00	ng	0.00	83.11%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 229735 23.60 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 94.40%

Target Compounds

							Qvalue
2) C010	Chloromethane	1.62	50	611	N.D.		
3) C015	Bromomethane	1.95	94	515	N.D.		
4) C020	Vinyl Chloride	1.61	62	379	N.D.		
5) C025	Chloroethane	2.04	64	1816	N.D.		
6) C030	Methylene Chloride	3.12	84	71677	5.46 ng		96
7) C035	Acetone	2.78	43	14556	3.02 ng		75
8) C040	Carbon Disulfide	2.87	76	5315	N.D.		
9) C045	1,1-Dichloroethene	2.71	96	237	N.D.		
10) C050	1,1-Dichloroethane	3.76	63	149	N.D.		
11) C057	trans-1,2-dichloro	3.32	96	569	N.D.		
12) C056	cis-1,2-Dichloroet	4.11	96	239	N.D.		
13) C125	Vinyl Acetate	3.52	43	762	N.D.		
14) C060	Chloroform	4.33	83	1751	N.D.		
15) C222	Bromochloromethane	4.24	128	132	N.D.		
16) C065	1,2-Dichloroethane	4.73	62	220	N.D.		
17) C110	2-Butanone	4.15	43	25199	3.36 ng		86
19) C115	1,1,1-Trichloroeth	4.45	97	87	N.D.		
20) C120	Carbon Tetrachlori	4.58	117	128	N.D.		
21) C150	Trichloroethene	5.18	95	619	N.D.		
22) C130	Bromodichlorometha	5.67	83	90	N.D.		
23) C140	1,2-Dichloropropan	5.38	63	205	N.D.		
24) C145	cis-1,3-Dichloropr	5.86	75	346	N.D.		
25) C165	Benzene	4.71	78	2561	N.D.		
26) C155	Dibromochlorometha	6.58	129	90	N.D.		
27) C170	trans-1,3-Dichloro	6.08	75	276	N.D.		
28) C160	1,1,2-Trichloroeth	6.32	97	242	N.D.		
29) C220	Tetrachloroethene	6.40	166	78	N.D.		
30) C163	1,2-Dibromoethane	6.65	107	59	N.D.		
31) C210	4-Methyl-2-Pentano	5.99	43	194	N.D.		
32) C215	2-Hexanone	6.47	43	517	N.D.		
33) C230	Toluene	6.03	91	8751	N.D.		
34) C235	Chlorobenzene	7.15	112	848	N.D.		
35) C240	Ethylbenzene	7.09	91	1589	N.D.		
36) C246	m,p-Xylene	7.16	106	1544	N.D.		
37) C247	o-Xylene	7.45	106	1103	N.D.		
38) C245	Styrene	7.46	104	484	N.D.		
40) C225	1,1,2,2-Tetrachlor	7.95	83	131	N.D.		
42) C180	Bromoform	7.66	173	164	N.D.		
43) C260	1,3-Dichlorobenzen	8.65	146	80	N.D.		
44) C267	1,4-Dichlorobenzen	8.70	146	696	N.D.		
45) C249	1,2-Dichlorobenzen	9.00	146	451	N.D.		

Data File : D:\MSDCHEM\G\DATA\103006\G6594.D

Vial: 7

Acq On : 31 Oct 2006 00:06

Operator: RJ

Sample : A6C51217 HEADSPACE

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 31 08:10:57 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 22:15:58 2006

Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

Internal Standards

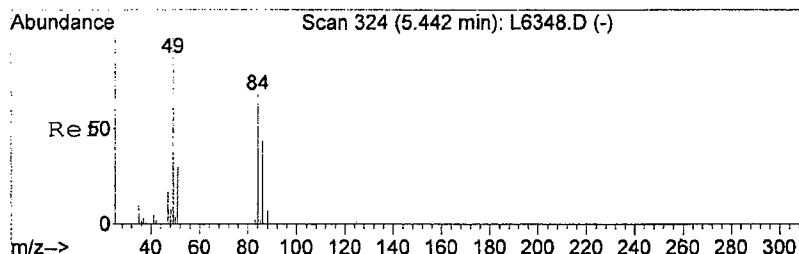
R.T. QIon Response Conc Units Dev(Min)
Rcv(Ar)

46)	C286	1,2-Dibromo-3-Chlo	9.59	75	176	N.D.
47)	C313	1,2,4-Trichloroben	10.18	180	3225	N.D.

(#) = qualifier out of range (m) = manual integration (+) = signals summed

APG
11/6/06

180/426



#6

C030 Methylene Chloride

Concen: 5.46 ng

RT: 3.12 min Scan# 278

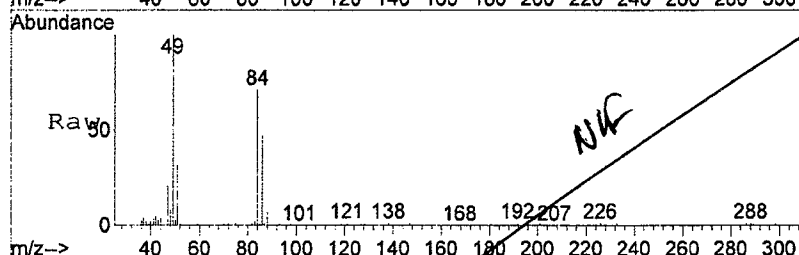
Delta R.T. 0.00 min

Lab File: G6594.D

Acq: 31 Oct 2006 00:06

Tgt Ion: 84 Resp: 71677

Ion	Ratio	Lower	Upper
84	100		
49	141.0	126.2	166.2
86	66.9	43.8	83.8

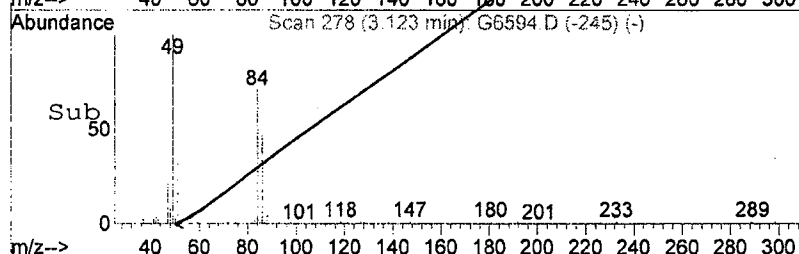
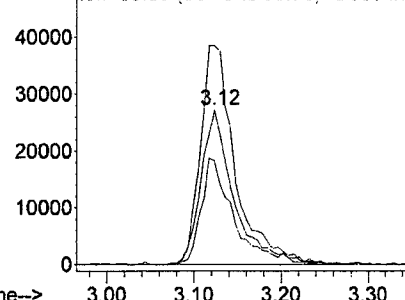


Abundance

Ion 84.00 (83.70 to 84.70): G6594.D

Ion 49.00 (48.70 to 49.70): G6594.D

Ion 86.00 (85.70 to 86.70): G6594.D



#7

C035 Acetone

Concen: 3.02 ng

RT: 2.78 min Scan# 222

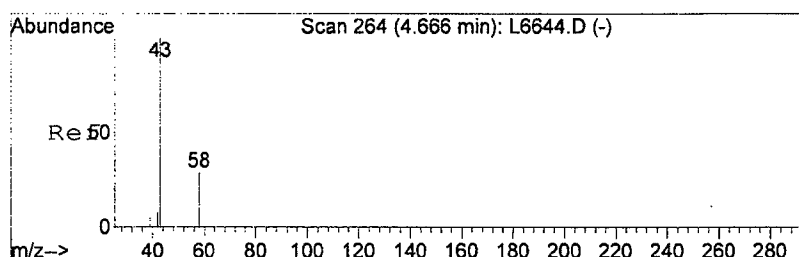
Delta R.T. 0.01 min

Lab File: G6594.D

Acq: 31 Oct 2006 00:06

Tgt Ion: 43 Resp: 14556

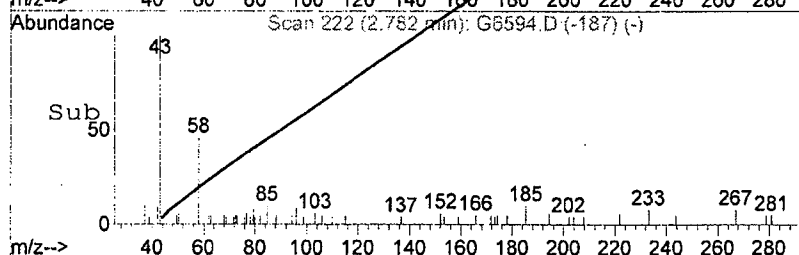
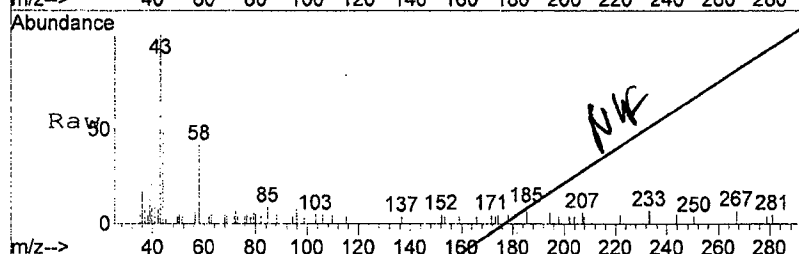
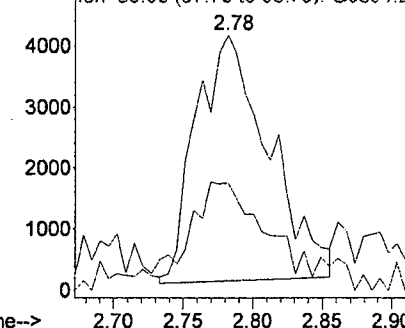
Ion	Ratio	Lower	Upper
43	100		
58	42.1	8.6	48.6

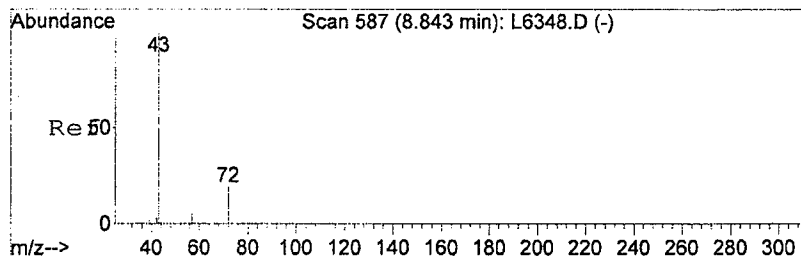


Abundance

Ion 43.00 (42.70 to 43.70): G6594.D

Ion 58.00 (57.70 to 58.70): G6594.D





#17

C110 2-Butanone

Concen: 3.36 ng

RT: 4.15 min Scan# 446

Delta R.T. 0.04 min

Lab File: G6594.D

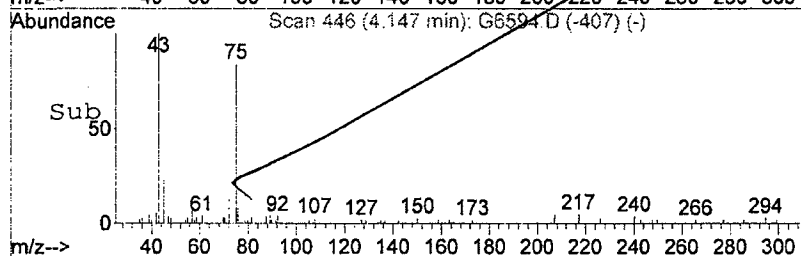
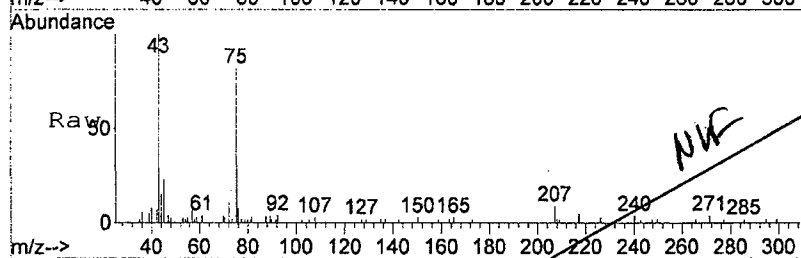
Acq: 31 Oct 2006 00:06

Tgt Ion: 43 Resp: 25199

Ion Ratio Lower Upper

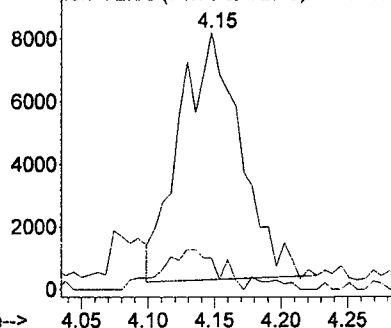
43 100

72 12.3 0.0 38.5



Abundance Ion 43.00 (42.70 to 43.70): G6594.D

Ion 72.00 (71.70 to 72.70): G6594.D



Standards

OLC02.1 LOW CONCENTRATION VOLATILES
INITIAL CALIBRATION DATA

Lab Name: STL Buffalo Contract: _____ Lab Sample ID: A6I0002079-1

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

Instrument ID: HP5973G Calibration Dates(s): 10/26/2006 10/26/2006

Heated Purge (Y/N): N Calibration Times: 11:20 13:26

GC Column: DB-624 ID: 0.18 (mm)

Lab File ID:		RRF1	=	<u>G6411.RR</u>	RRF2	=	<u>G6409.RR</u>		
RRF5		=	<u>G6408.RR</u>	RRF10	=	<u>G6407.RR</u>	RRF25	=	<u>G6406.RR</u>
COMPOUND		RRF1	RRF2	RRF5	RRF10	RRF25	AVG RRF	% RSD	
Vinyl chloride		* 0.516	0.505	0.533	0.509	0.445	0.5020	6.700*	
Chloroethane		0.226	0.229	0.235	0.225	0.155	0.2140	15.600	
1,1-Dichloroethane		* 0.921	0.794	0.771	0.775	0.735	0.7990	8.900*	
cis-1,2-Dichloroethene		0.517	0.482	0.441	0.450	0.415	0.4610	8.500	
trans-1,2-Dichloroethene		0.484	0.404	0.394	0.394	0.362	0.4070	11.200	
1,1,1-Trichloroethane		* 0.594	0.498	0.500	0.511	0.493	0.5190	8.200*	
Trichloroethene		* 0.480	0.440	0.414	0.420	0.398	0.4300	7.300*	
Tetrachloroethene		* 0.540	0.521	0.461	0.472	0.450	0.4890	8.100*	
Toluene		* 2.250	2.183	1.922	1.962	1.832	2.0300	8.800*	
Chlorobenzene		* 1.522	1.546	1.288	1.291	1.206	1.3700	11.200*	
=====									
p-Bromofluorobenzene		* 0.526	0.502	0.477	0.505	0.470	0.4960	4.500*	

Comments:

Response Factor Report HP5973G

Method Path : D:\MSDCHEM\G\METHODS\LOWCLP\
 Method File : A6I0002079.M
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Thu Oct 26 13:45:04 2006
 Response Via : Continuing Calibration

(A6I... 2079)
 CLP low

Calibration Files

1 =G6411.D 2 =G6409.D 3 =G6408.D
 4 =G6407.D 5 =G6406.D

	Compound	1	2	3	4	5	Avg	%RSD
1) I	CI10 1,4-Difluoroben	-----ISTD-----						
2) T	C010 Chloromethane	0.448	0.435	0.466	0.454	0.387	0.438	6.99
3) T	C015 Bromomethane	0.207	0.186	0.179	0.170	0.102	0.169	23.59
4) M	C020 Vinyl Chloride	0.515	0.505	0.533	0.509	0.445	0.502	6.68
5) T	C025 Chloroethane	0.226	0.229	0.235	0.225	0.155	0.214	15.59
6) T	C030 Methylene Chlor	0.767	0.729	0.500	0.464	0.405	0.573	28.61
7) T	C035 Acetone	0.194	0.183	0.175	0.174	0.179	0.181	4.46
8) T	C040 Carbon Disulfid	1.052	0.928	0.966	0.955	0.939	0.968	5.09
9) T	C045 1,1-Dichloroeth	0.391	0.313	0.325	0.330	0.320	0.336	9.36
10) T	C050 1,1-Dichloroeth	0.921	0.794	0.771	0.775	0.735	0.799	8.94
11) T	C057 trans-1,2-dichl	0.484	0.404	0.393	0.394	0.362	0.407	11.18
12) T	C056 cis-1,2-Dichlor	0.517	0.482	0.441	0.450	0.415	0.461	8.52
13) T	C125 Vinyl Acetate	0.902	0.895	0.929	0.928	0.913	0.914	1.68
14) T	C060 Chloroform	0.723	0.679	0.604	0.616	0.581	0.641	9.14
15) T	C222 Bromochlorometh	0.256	0.240	0.215	0.222	0.211	0.229	8.23
16) M	C065 1,2-Dichloroeth	0.647	0.603	0.564	0.569	0.549	0.586	6.72
17) T	C110 2-Butanone	0.311	0.313	0.281	0.275	0.274	0.291	6.68
18) I	CI20 D5-Chlorobenzen	-----ISTD-----						
19) T	C115 1,1,1-Trichloro	0.594	0.498	0.500	0.511	0.493	0.519	8.18
20) M	C120 Carbon Tetrachl	0.444	0.402	0.413	0.433	0.428	0.424	3.94
21) M	C150 Trichloroethene	0.480	0.440	0.414	0.420	0.398	0.430	7.32
22) T	C130 Bromodichlorome	0.470	0.499	0.435	0.456	0.442	0.460	5.52
23) M	C140 1,2-Dichloropro	0.568	0.552	0.487	0.501	0.464	0.514	8.50
24) M	C145 cis-1,3-Dichlor	0.636	0.672	0.572	0.622	0.615	0.623	5.79
25) M	C165 Benzene	2.074	1.858	1.724	1.752	1.635	1.809	9.30
26) T	C155 Dibromochlorome	0.341	0.385	0.329	0.353	0.359	0.354	5.98
27) T	C170 trans-1,3-Dichl	0.513	0.594	0.509	0.543	0.552	0.542	6.35
28) M	C160 1,1,2-Trichloro	0.435	0.493	0.392	0.400	0.377	0.420	11.10
29) M	C220 Tetrachloroeth	0.540	0.521	0.461	0.472	0.450	0.489	8.10
30) M	C163 1,2-Dibromoetha	0.446	0.485	0.404	0.412	0.402	0.430	8.32
31) T	C210 4-Methyl-2-Pent	0.634	0.632	0.638	0.636	0.608	0.629	1.95
32) T	C215 2-Hexanone	0.442	0.450	0.450	0.458	0.443	0.448	1.38
33) T	C230 Toluene	2.250	2.183	1.922	1.962	1.832	2.030	8.77
34) T	C235 Chlorobenzene	1.522	1.546	1.288	1.291	1.206	1.370	11.17
35) T	C240 Ethylbenzene	2.436	2.457	2.084	2.108	1.956	2.208	10.18
36) T	C246 m,p-Xylene	1.040	1.052	0.876	0.887	0.800	0.931	11.84
37) T	C247 o-Xylene	0.971	0.997	0.861	0.861	0.784	0.895	9.78
38) T	C245 Styrene	1.417	1.556	1.317	1.374	1.313	1.395	7.14
39) S	CS10 p-Bromofluorobe	0.526	0.502	0.477	0.505	0.470	0.496	4.53
40) T	C225 1,1,2,2-Tetrach	0.609	0.658	0.511	0.526	0.498	0.560	12.45
41) I	CI30 D4-1,4-Dichloro	-----ISTD-----						
42) M	C180 Bromoform	0.390	0.436	0.365	0.399	0.449	0.408	8.48
43) T	C260 1,3-Dichloroben	2.433	2.385	1.998	1.969	1.816	2.120	12.88
44) M	C267 1,4-Dichloroben	2.508	2.400	2.010	2.021	1.924	2.173	12.09
45) T	C249 1,2-Dichloroben	2.351	2.288	1.907	1.880	1.797	2.045	12.49
46) T	C286 1,2-Dibromo-3-C	0.149	0.165	0.126	0.144	0.162	0.149	10.43
47) T	C313 1,2,4-Trichloro	1.344	1.387	1.164	1.197	1.130	1.245	9.16
Total Average %RSD								8.97

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

Date: 10/26/2006
Time: 21:49:46

GC/MS STANDARDS WORKSHEET

Page: 1
Rept: AN0323R

Lab Samp Id: A610002079-1 G6406 LOW CLP 5ML

Profile Code: A00257 OLC02.1 LOW CONCENTRATION VOLATILES

Tune Code: A610003364 G6405 OLC02.1 5ml

Matrix: W

Fraction: MV

Lab file ID

Instr: HP5973G Heated Purge? F
GC Column: DB-624 0.18 mm CCC Conc: 25.00 ng
ICC Ref ID: A610001741 IS Conc: 25.00 ng
Level: L Inj Volume: 5000.00 ul

Analyst: BJ
Calib Start: 10/26/2006 11:20
End: 10/26/2006 13:26

Conc Point 1: 1.0000 ug/L G6411.RR
Conc Point 2: 2.0000 ug/L G6409.RR
Conc Point 3: 5.0000 ug/L G6408.RR
Conc Point 4: 10.0000 ug/L G6407.RR
Conc Point 5: 25.0000 ug/L G6406.RR
Conc Point 6: 0.0000 ug/L

Seq I	Parameter	RRF 1	RRF 2	RRF 3	RRF 4	RRF 5	RRF 6	Avg RRF	Min RRF	% RSD	Max % RSD	Max AU	--IS-- RT	E Tresh
10	Chloromethane	0.4475	0.4354	0.4659	0.4540	0.3868		0.438	0.0100	7.0	100.00	304581	1.51	125
20	Bromomethane	0.2066	0.1865	0.1790	0.1697	0.1018		0.169	0.1000	23.6	30.00	117019	1.93	125
30	Vinyl chloride	0.5155	0.5054	0.5328	0.5093	0.4446		0.502	0.1000	6.7	30.00	348321	1.62	125
40	Chloroethane	0.2258	0.2289	0.2353	0.2254	0.1548		0.214	0.0100	15.6	100.00	153824	2.05	125
50	Methylene chloride	0.7671	0.7290	0.5005	0.4637	0.4049		0.573	0.0100	28.6	100.00	327176	3.12	125
60	Acetone	0.1936	0.1832	0.1746	0.1738	0.1792		0.181	0.0100	4.4	100.00	570588	2.77	625
70	Carbon Disulfide	1.0520	0.9279	0.9655	0.9548	0.9387		0.968	0.0100	5.1	100.00	631213	2.87	125
80	1,1-Dichloroethene	0.3908	0.3129	0.3254	0.3303	0.3197		0.336	0.1000	9.4	30.00	212721	2.68	125
90	1,1-Dichloroethane	0.9212	0.7936	0.7713	0.7746	0.7350		0.799	0.2000	8.9	30.00	504203	3.67	125
100	cis-1,2-Dichloroethene	0.5168	0.4820	0.4410	0.4501	0.4152		0.461	0.1000	8.5	100.00	288309	4.10	125
110	trans-1,2-Dichloroethene	0.4839	0.4036	0.3935	0.3937	0.3622		0.407	0.0100	11.2	100.00	257230	3.34	125
120	Chloroform	0.7229	0.6789	0.6045	0.6160	0.5809		0.641	0.2000	9.1	30.00	395167	4.34	125
130	1,2-Dichloroethane	0.6475	0.6032	0.5637	0.5686	0.5495		0.587	0.1000	6.7	30.00	368528	4.73	125
140	2-Butanone	0.3108	0.3129	0.2813	0.2752	0.2738		0.291	0.0100	6.7	100.00	919558	4.11	625
150	Bromochloromethane	0.2560	0.2402	0.2148	0.2215	0.2115		0.229	0.0500	8.2	30.00	140453	4.28	125
160	1,1,1-Trichloroethane	0.5943	0.4980	0.4997	0.5110	0.4931		0.519	0.1000	8.2	30.00	300372	4.45	125
170	Carbon Tetrachloride	0.4445	0.4019	0.4129	0.4326	0.4277		0.424	0.1000	4.0	30.00	248176	4.57	125
180	Bromodichloromethane	0.4697	0.4990	0.4347	0.4557	0.4424		0.460	0.2000	5.5	30.00	261305	5.51	125
190	1,2-Dichloropropane	0.5675	0.5519	0.4872	0.5008	0.4645		0.514	0.0100	8.5	100.00	292876	5.31	125
200	cis-1,3-Dichloropropene	0.6359	0.6716	0.5720	0.6223	0.6146		0.623	0.2000	5.8	30.00	343825	5.81	125
210	Trichloroethene	0.4799	0.4397	0.4140	0.4196	0.3980		0.430	0.3000	7.3	30.00	248885	5.16	125
220	Dibromochloromethane	0.3414	0.3851	0.3289	0.3529	0.3594		0.354	0.1000	6.0	30.00	197685	6.60	125
230	1,1,2-Trichloroethane	0.4351	0.4935	0.3922	0.4003	0.3765		0.420	0.1000	11.1	30.00	235764	6.32	125
240	Benzene	2.0736	1.8577	1.7245	1.7523	1.6348		1.809	0.5000	9.3	30.00	*****	4.71	125
250	trans-1,3-Dichloropropene	0.5129	0.5941	0.5093	0.5434	0.5521		0.542	0.1000	6.3	30.00	306118	6.18	125
260	Bromoform	0.3896	0.4358	0.3645	0.3986	0.4492		0.408	0.0500	8.5	30.00	110798	7.63	125
270	4-Methyl-2-pentanone	0.6339	0.6322	0.6377	0.6356	0.6077		0.629	0.0100	2.0	100.00	*****	5.90	625
280	2-Hexanone	0.4421	0.4495	0.4497	0.4576	0.4434		0.448	0.0100	1.4	100.00	*****	6.47	625
290	Tetrachloroethene	0.5401	0.5214	0.4614	0.4717	0.4496		0.489	0.1000	8.1	30.00	277370	6.42	125
300	1,1,2,2-Tetrachloroethane	0.6091	0.6583	0.5109	0.5259	0.4980		0.560	0.1000	12.5	30.00	307089	7.95	125
310	1,2-Dibromoethane	0.4462	0.4850	0.4035	0.4125	0.4015		0.430	0.1000	8.3	30.00	242564	6.69	125
320	Toluene	2.2497	2.1830	1.9222	1.9624	1.8324		2.030	0.4000	8.8	30.00	*****	6.03	125
330	Chlorobenzene	1.5217	1.5456	1.2878	1.2907	1.2062		1.370	0.5000	11.2	30.00	774095	7.02	125
340	Ethylbenzene	2.4357	2.4565	2.0842	2.1084	1.9562		2.208	0.1000	10.2	30.00	*****	7.08	125
350	Styrene	1.4175	1.5559	1.3165	1.3737	1.3134		1.395	0.3000	7.1	30.00	791381	7.46	125
360	Total Xylenes	0.9710	0.9970	0.8615	0.8611	0.7844		0.895	0.3000	9.8	30.00	0	0.00	375
370	1,3-Dichlorobenzene	2.4327	2.3850	1.9980	1.9689	1.8160		2.120	0.6000	12.9	30.00	607300	8.65	125
380	1,4-Dichlorobenzene	2.5084	2.4004	2.0100	2.0213	1.9237		2.173	0.5000	12.1	30.00	610928	8.71	125
390	1,2-Dichlorobenzene	2.3514	2.2885	1.9072	1.8801	1.7971		2.045	0.4000	12.5	30.00	579679	8.99	125
400	1,2-Dibromo-3-chloropropa	0.1490	0.1649	0.1262	0.1443	0.1623		0.149	0.0100	10.4	100.00	38372	9.58	125
459	1,2,4-Trichlorobenzene	1.3439	1.3872	1.1642	1.1973	1.1303		1.245	0.0100	9.2	100.00	353853	10.1	125
489	1,2-Dichloroethene (Total	0.5004	0.4428	0.4173	0.4219	0.3887		0.434	0.0100	9.6	30.00	0	0.00	250
589	Vinyl acetate	0.9019	0.8954	0.9294	0.9285	0.9135		0.914	0.0100	1.7	100.00	*****	3.70	625
839	o-Xylene	0.9710	0.9970	0.8615	0.8611	0.7844		0.895	0.0100	9.8	30.00	517837	7.45	125
849	m/p-Xylenes	1.0399	1.0524	0.8763	0.8870	0.8002		0.931	0.0100	11.8	30.00	*****	7.16	250

* Ave RRF or Max % RSD is out of range or RRF is below MINRRF

Date: 10/26/2006
Time: 21:49:46

GC/MS STANDARDS WORKSHEET

Page: 2
Rept: AN0323R

Lab Samp Id: A610002079-1

Seg	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
410	I	Chlorobenzene-D5	1.0000	1.0000	1.0000	1.0000	1.0000		1.000	0.0100	0.0	100.00	601110	7.00	25
420	I	1,4-Difluorobenzene	1.0000	1.0000	1.0000	1.0000	1.0000		1.000	0.0100	0.0	100.00	653739	4.97	25
430	I	1,4-Dichlorobenzene-D4	1.0000	1.0000	1.0000	1.0000	1.0000		1.000	0.0100	0.0	100.00	303950	8.69	25
440	S	p-Bromofluorobenzene	0.5257	0.5024	0.4772	0.5048	0.4702		0.496	0.2000	4.5	30.00	286828	7.84	125

Mean % RSD: 9.0

* Ave RRF or Max % RSD is out of range or RRF is below MINRRF

Date: 10/26/2006
Time: 21:49:35

ICC Profile

Page: 1
Rept: AN0287R

ICC Profile Code: A00257 OLC02.1 LOW CONCENTRATION VOLATILES
Fraction: MV

No of Points: 5 Default Min. RRF: 0.0100
CCC Conc: 25.00

QC Approver: JRS
QC Date: 11/01/2004

Comments:

Seq	Parameter	ng On Column				
		Point 1	Point 2	Point 3	Point 4	Point 5
10 74-87-3	Chloromethane	5.0000	10.0000	25.0000	50.0000	125.0000
20 74-83-9	Bromomethane	5.0000	10.0000	25.0000	50.0000	125.0000
30 75-01-4	Vinyl chloride	5.0000	10.0000	25.0000	50.0000	125.0000
40 75-00-3	Chloroethane	5.0000	10.0000	25.0000	50.0000	125.0000
50 75-09-2	Methylene chloride	5.0000	10.0000	25.0000	50.0000	125.0000
60 67-64-1	Acetone	25.0000	50.0000	125.0000	250.0000	625.0000
70 75-15-0	Carbon Disulfide	5.0000	10.0000	25.0000	50.0000	125.0000
80 75-35-4	1,1-Dichloroethene	5.0000	10.0000	25.0000	50.0000	125.0000
90 75-34-3	1,1-Dichloroethane	5.0000	10.0000	25.0000	50.0000	125.0000
100 156-59-2	cis-1,2-Dichloroethene	5.0000	10.0000	25.0000	50.0000	125.0000
110 156-60-5	trans-1,2-Dichloroethene	5.0000	10.0000	25.0000	50.0000	125.0000
120 67-66-3	Chloroform	5.0000	10.0000	25.0000	50.0000	125.0000
130 107-06-2	1,2-Dichloroethane	5.0000	10.0000	25.0000	50.0000	125.0000
140 78-93-3	2-Butanone	25.0000	50.0000	125.0000	250.0000	625.0000
150 74-97-5	Bromochloromethane	5.0000	10.0000	25.0000	50.0000	125.0000
160 71-55-6	1,1,1-Trichloroethane	5.0000	10.0000	25.0000	50.0000	125.0000
170 56-23-5	Carbon Tetrachloride	5.0000	10.0000	25.0000	50.0000	125.0000
180 75-27-4	Bromodichloromethane	5.0000	10.0000	25.0000	50.0000	125.0000
190 78-87-5	1,2-Dichloropropane	5.0000	10.0000	25.0000	50.0000	125.0000
200 10061-01-5	cis-1,3-Dichloropropene	5.0000	10.0000	25.0000	50.0000	125.0000
210 79-01-6	Trichloroethene	5.0000	10.0000	25.0000	50.0000	125.0000
220 124-48-1	Dibromochloromethane	5.0000	10.0000	25.0000	50.0000	125.0000
230 79-00-5	1,1,2-Trichloroethane	5.0000	10.0000	25.0000	50.0000	125.0000
240 71-43-2	Benzene	5.0000	10.0000	25.0000	50.0000	125.0000
250 10061-02-6	trans-1,3-Dichloropropene	5.0000	10.0000	25.0000	50.0000	125.0000
260 75-25-2	Bromoform	5.0000	10.0000	25.0000	50.0000	125.0000
270 108-10-1	4-Methyl-2-pentanone	25.0000	50.0000	125.0000	250.0000	625.0000
280 591-78-6	2-Hexanone	25.0000	50.0000	125.0000	250.0000	625.0000
290 127-18-4	Tetrachloroethene	5.0000	10.0000	25.0000	50.0000	125.0000
300 79-34-5	1,1,2,2-Tetrachloroethane	5.0000	10.0000	25.0000	50.0000	125.0000
310 106-93-4	1,2-Dibromoethane	5.0000	10.0000	25.0000	50.0000	125.0000
320 108-88-3	Toluene	5.0000	10.0000	25.0000	50.0000	125.0000
330 108-90-7	Chlorobenzene	5.0000	10.0000	25.0000	50.0000	125.0000
340 100-41-4	Ethylbenzene	5.0000	10.0000	25.0000	50.0000	125.0000
350 100-42-5	Styrene	5.0000	10.0000	25.0000	50.0000	125.0000
360 1330-20-7	Total Xylenes	15.0000	30.0000	75.0000	150.0000	375.0000
370 541-73-1	1,3-Dichlorobenzene	5.0000	10.0000	25.0000	50.0000	125.0000
380 106-46-7	1,4-Dichlorobenzene	5.0000	10.0000	25.0000	50.0000	125.0000
390 95-50-1	1,2-Dichlorobenzene	5.0000	10.0000	25.0000	50.0000	125.0000
400 96-12-8	1,2-Dibromo-3-chloropropane	5.0000	10.0000	25.0000	50.0000	125.0000
401 110-54-3	Hexane	5.0000	10.0000	25.0000	50.0000	125.0000
410 3114-55-4	Chlorobenzene-D5	0.0000	0.0000	0.0000	0.0000	0.0000
420 540-36-3	1,4-Difluorobenzene	0.0000	0.0000	0.0000	0.0000	0.0000
430 SU106-46-7	1,4-Dichlorobenzene-D4	0.0000	0.0000	0.0000	0.0000	0.0000
440 460-00-4	p-Bromofluorobenzene	5.0000	10.0000	25.0000	50.0000	125.0000
441 75-71-8	Dichlorodifluoromethane	5.0000	10.0000	25.0000	50.0000	125.0000
442 75-69-4	Trichlorofluoromethane	5.0000	10.0000	25.0000	50.0000	125.0000

Date: 10/26/2006
Time: 21:49:35

ICC Profile

Page: 2
Rept: AN0287R

ICC Profile Code: A00257 OLC02.1 LOW CONCENTRATION VOLATILES (continued)

Seq	Parameter	ng On Column				
		Point 1	Point 2	Point 3	Point 4	Point 5
443 74-88-4	Iodomethane	5.0000	10.0000	25.0000	50.0000	125.0000
444 107-05-1	3-Chloropropene (Allyl Chlor.)	5.0000	10.0000	25.0000	50.0000	125.0000
446 74-95-3	Dibromomethane	5.0000	10.0000	25.0000	50.0000	125.0000
447 630-20-6	1,1,1,2-Tetrachloroethane	5.0000	10.0000	25.0000	50.0000	125.0000
448 110-57-6	trans-1,4-Dichloro-2-butene	5.0000	10.0000	25.0000	50.0000	125.0000
449 96-18-4	1,2,3-Trichloropropane	5.0000	10.0000	25.0000	50.0000	125.0000
459 120-82-1	1,2,4-Trichlorobenzene	5.0000	10.0000	25.0000	50.0000	125.0000
469 87-68-3	Hexachlorobutadiene	5.0000	10.0000	25.0000	50.0000	125.0000
479 87-61-6	1,2,3-Trichlorobenzene	5.0000	10.0000	25.0000	50.0000	125.0000
489 540-59-0	1,2-Dichloroethene (Total)	10.0000	20.0000	50.0000	100.0000	250.0000
499 79-20-9	Methyl acetate	5.0000	10.0000	25.0000	50.0000	125.0000
509 76-13-1	1,1,2-Trichloro-1,2,2-trifluor	5.0000	10.0000	25.0000	50.0000	125.0000
519 110-82-7	Cyclohexane	5.0000	10.0000	25.0000	50.0000	125.0000
529 108-87-2	Methylcyclohexane	5.0000	10.0000	25.0000	50.0000	125.0000
539 1634-04-4	Methyl-t-Butyl Ether (MTBE)	5.0000	10.0000	25.0000	50.0000	125.0000
549 98-82-8	Isopropylbenzene	5.0000	10.0000	25.0000	50.0000	125.0000
559 107-02-8	Acrolein	100.0000	200.0000	500.0000	1000.0000	2500.0000
569 75-05-8	Acetonitrile	100.0000	200.0000	500.0000	1000.0000	2500.0000
579 107-13-1	Acrylonitrile	100.0000	200.0000	500.0000	1000.0000	2500.0000
589 108-05-4	Vinyl acetate	25.0000	50.0000	125.0000	250.0000	625.0000
599 594-20-7	2,2-Dichloropropane	5.0000	10.0000	25.0000	50.0000	125.0000
609 563-58-6	1,1-Dichloropropene	5.0000	10.0000	25.0000	50.0000	125.0000
619 97-63-2	Ethyl methacrylate	5.0000	10.0000	25.0000	50.0000	125.0000
629 108-86-1	Bromobenzene	5.0000	10.0000	25.0000	50.0000	125.0000
639 2037-26-5	Toluene-D8	5.0000	10.0000	25.0000	50.0000	125.0000
649 SU107-06-2	1,2-Dichloroethane-D4	5.0000	10.0000	25.0000	50.0000	125.0000
659 107-12-0	Propionitrile	50.0000	100.0000	250.0000	500.0000	1250.0000
669 80-62-6	Methyl methacrylate	5.0000	10.0000	25.0000	50.0000	125.0000
679 126-98-7	Methacrylonitrile	5.0000	10.0000	25.0000	50.0000	125.0000
689 78-83-1	Isobutanol	200.0000	400.0000	1000.0000	2000.0000	5000.0000
699 126-99-8	2-Chloro-1,3-butadiene	5.0000	10.0000	25.0000	50.0000	125.0000
709 142-28-9	1,3-Dichloropropane	5.0000	10.0000	25.0000	50.0000	125.0000
719 109-99-9	Tetrahydrofuran	25.0000	50.0000	125.0000	250.0000	625.0000
729 110-75-8	2-Chloroethylvinyl ether	25.0000	50.0000	125.0000	250.0000	625.0000
739 103-65-1	n-Propylbenzene	5.0000	10.0000	25.0000	50.0000	125.0000
749 95-49-8	o-Chlorotoluene	5.0000	10.0000	25.0000	50.0000	125.0000
759 106-43-4	p-Chlorotoluene	5.0000	10.0000	25.0000	50.0000	125.0000
769 108-67-8	1,3,5-Trimethylbenzene	5.0000	10.0000	25.0000	50.0000	125.0000
779 98-06-6	tert-Butylbenzene	5.0000	10.0000	25.0000	50.0000	125.0000
789 95-63-6	1,2,4-Trimethylbenzene	5.0000	10.0000	25.0000	50.0000	125.0000
799 135-98-8	sec-Butylbenzene	5.0000	10.0000	25.0000	50.0000	125.0000
809 99-87-6	p-Cymene	5.0000	10.0000	25.0000	50.0000	125.0000
819 104-51-8	n-Butylbenzene	5.0000	10.0000	25.0000	50.0000	125.0000
829 91-20-3	Naphthalene	5.0000	10.0000	25.0000	50.0000	125.0000
839 95-47-6	o-Xylene	5.0000	10.0000	25.0000	50.0000	125.0000
849 M/P XYLENE	m/p-Xylenes	10.0000	20.0000	50.0000	100.0000	250.0000

Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6411.D

Acq On : 26 Oct 2006 13:26

Sample : VSTD01.0

Misc :

MS Integration Params: RTEINT2.P

Vial: 7

Operator: BJ

Inst : HP5973G

Multiplr: 1.00

Quant Time: Oct 26 13:44:36 2006

Results File: A6I0002079.RES

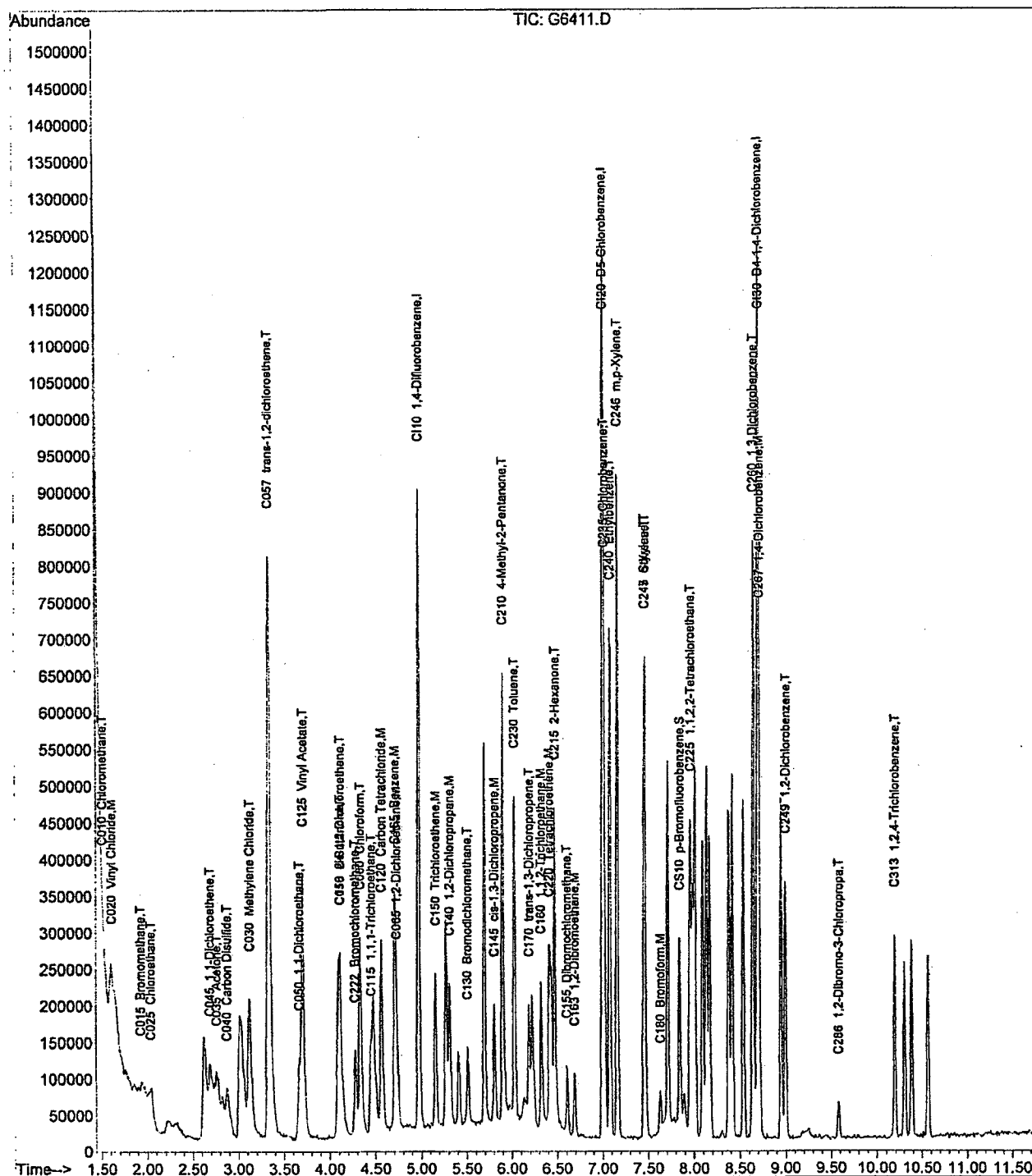
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Thu Oct 26 13:06:40 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\102606\G6408.D

DataAcq Meth : CLP



Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6411.D
 Acq On : 26 Oct 2006 13:26
 Sample : VSTD01.0
 Misc :

Vial: 7
 Operator: BJ
 Inst : HP5973G
 Multiplr: 1.00

MS Integration Params: RTEINT2.P
 Quant Time: Oct 26 13:44:36 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Thu Oct 26 13:06:40 2006
 Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.97	114	654116	25.00	ng	0.00 100.06%
18) CI20 D5-Chlorobenzene	7.00	117	599893	25.00	ng	0.00 99.80%
41) CI30 D4-1,4-Dichlorobenze	8.70	152	295282	25.00	ng	0.00 97.15%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene	7.84	174	63071	5.51	ng	0.00
Spiked Amount	25.000	Range	80 - 120	Recovery	=	22.04%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C010 Chloromethane	1.51	50	58547	4.80	ng	96
3) C015 Bromomethane	1.93	94	27026	5.77	ng	90
4) C020 Vinyl Chloride	1.62	62	67437	4.84	ng	99
5) C025 Chloroethane	2.04	64	29538	4.80	ng	74
6) C030 Methylene Chloride	3.12	84	100361	7.66	ng	95
7) C035 Acetone	2.77	43	126632	27.73	ng	90
8) C040 Carbon Disulfide	2.87	76	137632	5.45	ng	100
9) C045 1,1-Dichloroethene	2.69	96	51128	6.01	ng	90
10) C050 1,1-Dichloroethane	3.67	63	120512	5.97	ng	96
11) C057 trans-1,2-dichloroet	3.33	96	63301	6.15	ng	95
12) C056 cis-1,2-Dichloroethe	4.10	96	67613	5.86	ng	93
13) C125 Vinyl Acetate	3.70	43	589955	24.26	ng	100
14) C060 Chloroform	4.34	83	94578	5.98	ng	98
15) C222 Bromochloromethane	4.28	128	33497	5.96	ng	# 80
16) C065 1,2-Dichloroethane	4.73	62	84702	5.74	ng	98
17) C110 2-Butanone	4.12	43	203293	27.62	ng	95
19) C115 1,1,1-Trichloroethan	4.45	97	71298	5.95	ng	94
20) C120 Carbon Tetrachloride	4.57	117	53329	5.38	ng	97
21) C150 Trichloroethene	5.15	95	57576	5.80	ng	91
22) C130 Bromodichloromethane	5.51	83	56353	5.40	ng	97
23) C140 1,2-Dichloropropane	5.31	63	68093	5.82	ng	96
24) C145 cis-1,3-Dichloroprop	5.81	75	76292	5.56	ng	95
25) C165 Benzene	4.71	78	248791	6.01	ng	100
26) C155 Dibromochloromethane	6.60	129	40959	5.19	ng	83
27) C170 trans-1,3-Dichloropr	6.19	75	61535	5.04	ng	97
28) C160 1,1,2-Trichloroethan	6.32	97	52197	5.55	ng	91
29) C220 Tetrachloroethene	6.42	166	64800	5.85	ng	91
30) C163 1,2-Dibromoethane	6.68	107	53538	5.53	ng	84
31) C210 4-Methyl-2-Pentanone	5.90	43	380261	24.85	ng	# 83
32) C215 2-Hexanone	6.47	43	265205	24.58	ng	# 83
33) C230 Toluene	6.03	91	269918	5.85	ng	95
34) C235 Chlorobenzene	7.02	112	182574	5.91	ng	97
35) C240 Ethylbenzene	7.08	91	292229	5.84	ng	93
36) C246 m,p-Xylene	7.16	106	249522	11.87	ng	# 86
37) C247 o-Xylene	7.45	106	116499	5.64	ng	90
38) C245 Styrene	7.46	104	170066	5.38	ng	# 24
40) C225 1,1,2,2-Tetrachloroe	7.95	83	73083	5.96	ng	97
42) C180 Bromoform	7.63	173	23009	5.34	ng	92
43) C260 1,3-Dichlorobenzene	8.65	146	143666	6.09	ng	95
44) C267 1,4-Dichlorobenzene	8.71	146	148135	6.24	ng	93
45) C249 1,2-Dichlorobenzene	8.99	146	138866	6.16	ng	89

Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6411.D Vial: 7
Acq On : 26 Oct 2006 13:26 Operator: BJ
Sample : VSTD01.0 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 26 13:44:36 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Thu Oct 26 13:06:40 2006
Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	8802	5.90	ng	97
47) C313 1,2,4-Trichlorobenze	10.19	180	79363	5.77	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report

STL Buffalo

(QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6409.D

Acq On : 26 Oct 2006 12:29

Sample : VSTD002

Misc :

MS Integration Params: RTEINT2.P

Vial: 5

Operator: BJ

Inst : HP5973G

Multiplr: 1.00

Quant Time: Oct 26 12:52:20 2006

Results File: A6I0002079.RES

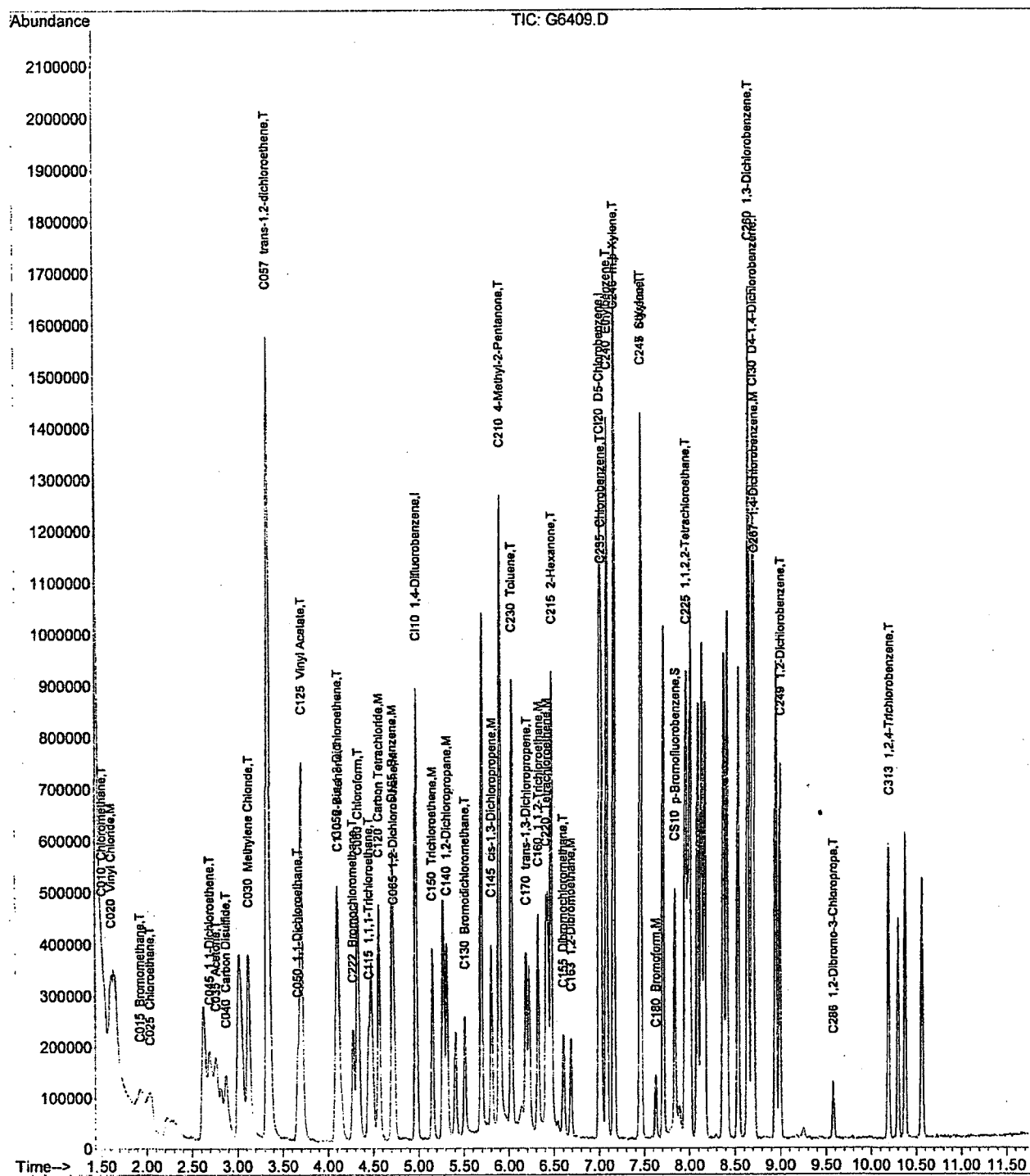
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Thu Oct 26 12:23:07 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\102606\G6408.D

DataAcq Meth : CLP



Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6409.D

Vial: 5

Acq On : 26 Oct 2006 12:29

Operator: BJ

Sample : VSTD002

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 26 12:52:20 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Thu Oct 26 12:23:07 2006

Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	656194	25.00	ng	0.00
							100.38%
18)	CI20 D5-Chlorobenzene	7.00	117	596100	25.00	ng	0.00
							99.17%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	309620	25.00	ng	0.00
							101.87%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 119792 10.53 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 42.12%#

Target Compounds

							Qvalue
2)	C010 Chloromethane	1.51	50	114274	9.34	ng	97
3)	C015 Bromomethane	1.93	94	48945	10.42	ng	100
4)	C020 Vinyl Chloride	1.61	62	132660	9.49	ng	93
5)	C025 Chloroethane	2.04	64	60094	9.73	ng	98
6)	C030 Methylene Chloride	3.12	84	191336	14.57	ng	98
7)	C035 Acetone	2.77	43	240451	52.48	ng	86
8)	C040 Carbon Disulfide	2.87	76	243565	9.61	ng	100
9)	C045 1,1-Dichloroethene	2.69	96	82123	9.62	ng	91
10)	C050 1,1-Dichloroethane	3.67	63	208308	10.29	ng	98
11)	C057 trans-1,2-dichloroet	3.34	96	105926	10.26	ng	93
12)	C056 cis-1,2-Dichloroethe	4.10	96	126514	10.93	ng	91
13)	C125 Vinyl Acetate	3.70	43	1175111	48.17	ng	100
14)	C060 Chloroform	4.34	83	178205	11.23	ng	100
15)	C222 Bromochloromethane	4.28	128	63038	11.18	ng	# 72
16)	C065 1,2-Dichloroethane	4.73	62	158317	10.70	ng	93
17)	C110 2-Butanone	4.12	43	410613	55.61	ng	88
19)	C115 1,1,1-Trichloroethan	4.45	97	118749	9.97	ng	96
20)	C120 Carbon Tetrachloride	4.56	117	95837	9.74	ng	89
21)	C150 Trichloroethene	5.15	95	104840	10.62	ng	95
22)	C130 Bromodichloromethane	5.51	83	118975	11.48	ng	97
23)	C140 1,2-Dichloropropane	5.31	63	131597	11.33	ng	97
24)	C145 cis-1,3-Dichloroprop	5.81	75	160147	11.74	ng	100
25)	C165 Benzene	4.71	78	442939	10.77	ng	100
26)	C155 Dibromochloromethane	6.60	129	91818	11.71	ng	97
27)	C170 trans-1,3-Dichloropr	6.19	75	141659	11.67	ng	96
28)	C160 1,1,2-Trichloroethan	6.32	97	117668	12.58	ng	92
29)	C220 Tetrachloroethene	6.41	166	124312	11.30	ng	93
30)	C163 1,2-Dibromoethane	6.69	107	115653	12.02	ng	96
31)	C210 4-Methyl-2-Pentanone	5.90	43	753663	49.56	ng	# 83
32)	C215 2-Hexanone	6.47	43	535929	49.98	ng	# 85
33)	C230 Toluene	6.03	91	520509	11.36	ng	96
34)	C235 Chlorobenzene	7.02	112	368540	12.00	ng	96
35)	C240 Ethylbenzene	7.08	91	585733	11.79	ng	95
36)	C246 m,p-Xylene	7.16	106	501890	24.02	ng	# 87
37)	C247 o-Xylene	7.45	106	237718	11.57	ng	92
38)	C245 Styrene	7.46	104	370989	11.82	ng	# 21
40)	C225 1,1,2,2-Tetrachloroe	7.95	83	156960	12.89	ng	88
42)	C180 Bromoform	7.63	173	53969	11.95	ng	99
43)	C260 1,3-Dichlorobenzene	8.65	146	295376	11.94	ng	94
44)	C267 1,4-Dichlorobenzene	8.71	146	297282	11.94	ng	90
45)	C249 1,2-Dichlorobenzene	8.99	146	283423	12.00	ng	90

Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6409.D Vial: 5
Acq On : 26 Oct 2006 12:29 Operator: BJ
Sample : VSTD002 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 26 12:52:20 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Thu Oct 26 12:23:07 2006
Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	20428	13.07	ng	#	77
47) C313 1,2,4-Trichlorobenze	10.19	180	171797	11.92	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6408.D

Vial: 4

Acq On : 26 Oct 2006 12:06

Operator: BJ

Sample : VSTD005

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 26 12:20:32 2006

Results File: A6I0002079.RES

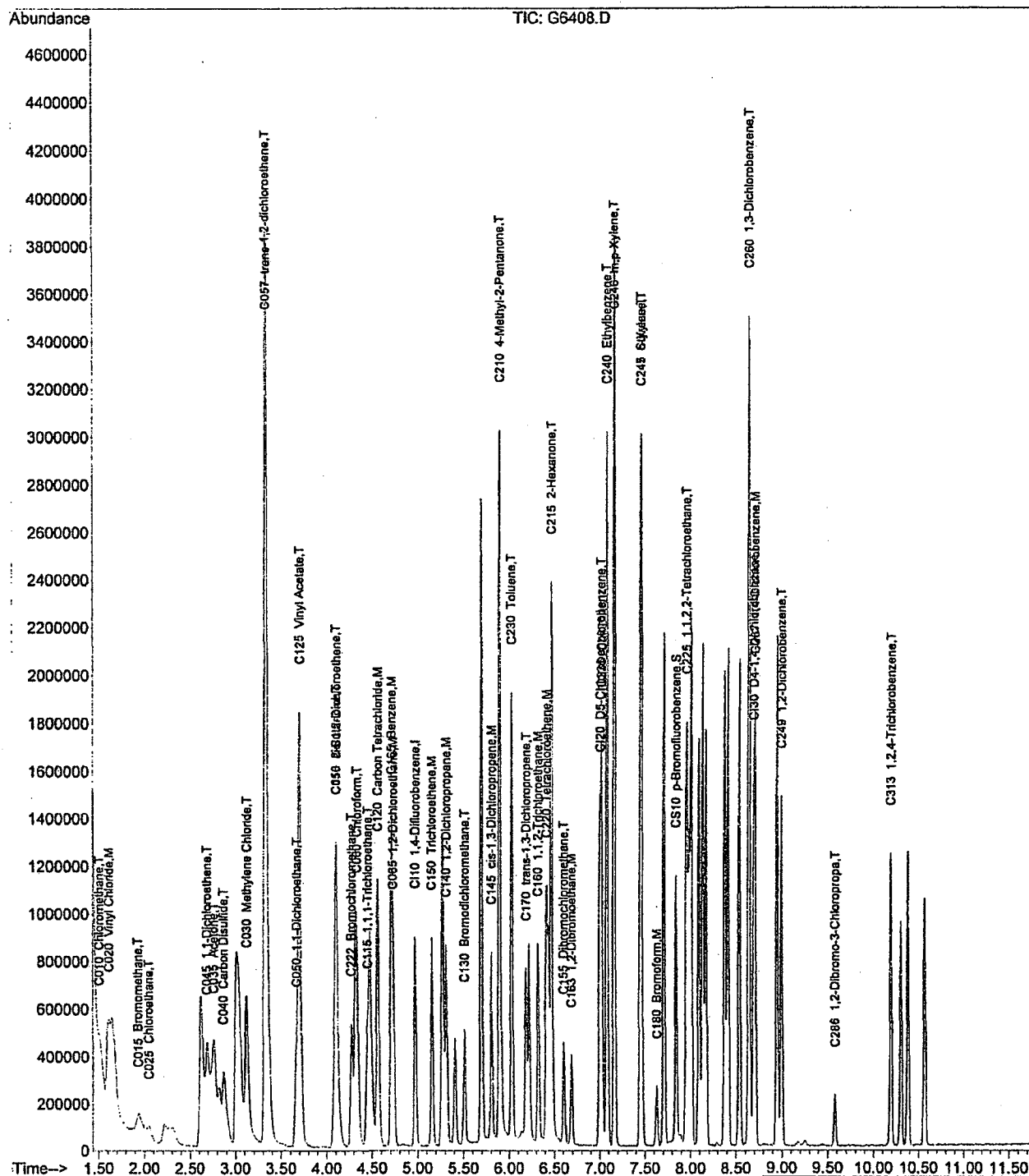
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Thu Oct 26 12:20:11 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\102606\G6408.D

DataAcq Meth : CLP



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6408.D
 Acq On : 26 Oct 2006 12:06
 Sample : VSTD005
 Misc :
 MS Integration Params: RTEINT2.P
 Quant Time: Oct 26 12:20:32 2006

Vial: 4
 Operator: BJ
 Inst : HP5973G
 Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Thu Oct 26 12:20:11 2006
 Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	653739	25.00	ng	0.00
							100.00%
18)	CI20 D5-Chlorobenzene	7.00	117	601110	25.00	ng	0.00
							100.00%
41)	CI30 D4-1,4-Dichlorobenze	8.69	152	303950	25.00	ng	0.00
							100.00%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 286828 25.00 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 100.00%

Target Compounds

							Qvalue
2)	C010 Chloromethane	1.51	50	304581	25.00	ng	99
3)	C015 Bromomethane	1.93	94	117019	25.00	ng	99
4)	C020 Vinyl Chloride	1.62	62	348321	25.00	ng	96
5)	C025 Chloroethane	2.05	64	153824	25.00	ng	90
6)	C030 Methylene Chloride	3.12	84	327176	25.00	ng	96
7)	C035 Acetone	2.77	43	570588	125.00	ng	93
8)	C040 Carbon Disulfide	2.87	76	631213	25.00	ng	100
9)	C045 1,1-Dichloroethene	2.68	96	212721	25.00	ng	90
10)	C050 1,1-Dichloroethane	3.67	63	504203	25.00	ng	96
11)	C057 trans-1,2-dichloroet	3.34	96	257230	25.00	ng	95
12)	C056 cis-1,2-Dichloroethe	4.10	96	288309	25.00	ng	93
13)	C125 Vinyl Acetate	3.70	43	3037829	125.00	ng	99
14)	C060 Chloroform	4.34	83	395167	25.00	ng	98
15)	C222 Bromochloromethane	4.28	128	140453	25.00	ng	94
16)	C065 1,2-Dichloroethane	4.73	62	368528	25.00	ng	97
17)	C110 2-Butanone	4.11	43	919558	125.00	ng	91
19)	C115 1,1,1-Trichloroethan	4.45	97	300372	25.00	ng	96
20)	C120 Carbon Tetrachloride	4.57	117	248176	25.00	ng	93
21)	C150 Trichloroethene	5.16	95	248885	25.00	ng	84
22)	C130 Bromodichloromethane	5.51	83	261305	25.00	ng	98
23)	C140 1,2-Dichloropropane	5.31	63	292876	25.00	ng	100
24)	C145 cis-1,3-Dichloroprop	5.81	75	343825	25.00	ng	97
25)	C165 Benzene	4.71	78	1036596	25.00	ng	100
26)	C155 Dibromochloromethane	6.60	129	197685	25.00	ng	99
27)	C170 trans-1,3-Dichloropr	6.18	75	306118	25.00	ng	100
28)	C160 1,1,2-Trichloroethan	6.32	97	235764	25.00	ng	96
29)	C220 Tetrachloroethene	6.42	166	277370	25.00	ng	99
30)	C163 1,2-Dibromoethane	6.69	107	242564	25.00	ng	100
31)	C210 4-Methyl-2-Pentanone	5.90	43	1916722	125.00	ng	# 86
32)	C215 2-Hexanone	6.47	43	1351683	125.00	ng	# 83
33)	C230 Toluene	6.03	91	1155475	25.00	ng	99
34)	C235 Chlorobenzene	7.02	112	774095	25.00	ng	99
35)	C240 Ethylbenzene	7.08	91	1252826	25.00	ng	97
36)	C246 m,p-Xylene	7.16	106	1053530	50.00	ng	92
37)	C247 o-Xylene	7.45	106	517837	25.00	ng	89
38)	C245 Styrene	7.46	104	791381	25.00	ng	# 23
40)	C225 1,1,2,2-Tetrachloroe	7.95	83	307089	25.00	ng	95
42)	C180 Bromoform	7.63	173	110798	25.00	ng	99
43)	C260 1,3-Dichlorobenzene	8.65	146	607300	25.00	ng	96
44)	C267 1,4-Dichlorobenzene	8.71	146	610928	25.00	ng	91
45)	C249 1,2-Dichlorobenzene	8.99	146	579679	25.00	ng	90

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6408.D Vial: 4
Acq On : 26 Oct 2006 12:06 Operator: BJ
Sample : VSTD005 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 26 12:20:32 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Thu Oct 26 12:20:11 2006
Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)

46) C286	1,2-Dibromo-3-Chloro	9.58	75	38372	25.00 ng	# 79
47) C313	1,2,4-Trichlorobenze	10.19	180	353853	25.00 ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6407.D

Acq On : 26 Oct 2006 11:43

Sample : VSTD010

Misc :

MS Integration Params: RTEINT2.P

Vial: 3

Operator: BJ

Inst : HP5973G

Multiplr: 1.00

Quant Time: Oct 26 12:20:27 2006

Results File: A6I0002079.RES

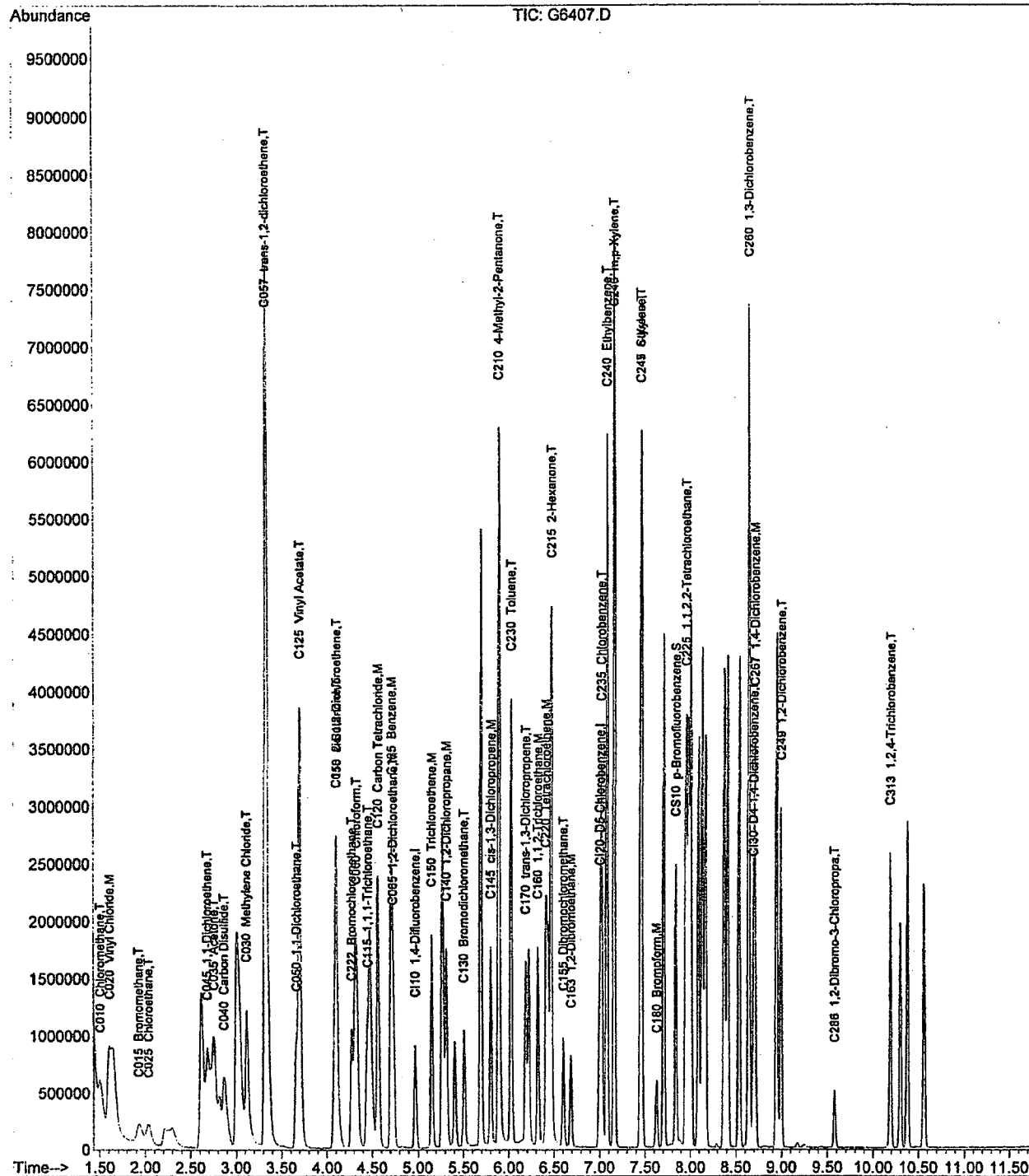
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Thu Oct 26 12:20:11 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\102606\G6408.D

DataAcq Meth : CLP



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6407.D

Vial: 3

Acq On : 26 Oct 2006 11:43

Operator: BJ

Sample : VSTD010

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 26 12:20:27 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Thu Oct 26 12:20:11 2006

Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)

DataAcq Meth: CLP

IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	666981	25.00	ng	0.00
							102.03%
18)	CI20 D5-Chlorobenzene	7.00	117	610369	25.00	ng	0.00
							101.54%
41)	CI30 D4-1,4-Dichlorobenze	8.69	152	321887	25.00	ng	0.00
							105.90%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 616265 52.90 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 211.60%#

Target Compounds

							Qvalue
2)	C010 Chloromethane	1.51	50	605608	48.72	ng	97
3)	C015 Bromomethane	1.93	94	226321	47.39	ng	89
4)	C020 Vinyl Chloride	1.61	62	679360	47.79	ng	95
5)	C025 Chloroethane	2.04	64	300730	47.91	ng	91
6)	C030 Methylene Chloride	3.12	84	618525	46.32	ng	97
7)	C035 Acetone	2.76	43	1158883	248.84	ng	94
8)	C040 Carbon Disulfide	2.87	76	1273731	49.45	ng	100
9)	C045 1,1-Dichloroethene	2.69	96	440554	50.75	ng	92
10)	C050 1,1-Dichloroethane	3.66	63	1033303	50.22	ng	96
11)	C057 trans-1,2-dichloroet	3.33	96	525151	50.03	ng	94
12)	C056 cis-1,2-Dichloroethe	4.10	96	600364	51.03	ng	93
13)	C125 Vinyl Acetate	3.70	43	6192611	249.75	ng	100
14)	C060 Chloroform	4.33	83	821774	50.96	ng	99
15)	C222 Bromochloromethane	4.28	128	295528	51.56	ng	# 87
16)	C065 1,2-Dichloroethane	4.73	62	758497	50.43	ng	96
17)	C110 2-Butanone	4.11	43	1835287	244.53	ng	93
19)	C115 1,1,1-Trichloroethan	4.45	97	623776	51.13	ng	98
20)	C120 Carbon Tetrachloride	4.56	117	528036	52.38	ng	100
21)	C150 Trichloroethene	5.15	95	512176	50.67	ng	84
22)	C130 Bromodichloromethane	5.51	83	556278	52.41	ng	97
23)	C140 1,2-Dichloropropane	5.31	63	611297	51.39	ng	99
24)	C145 cis-1,3-Dichloroprop	5.81	75	759668	54.40	ng	98
25)	C165 Benzene	4.71	78	2139147	50.81	ng	100
26)	C155 Dibromochloromethane	6.60	129	430792	53.65	ng	98
27)	C170 trans-1,3-Dichloropr	6.19	75	663295	53.35	ng	99
28)	C160 1,1,2-Trichloroethan	6.32	97	488667	51.03	ng	100
29)	C220 Tetrachloroethene	6.41	166	575776	51.11	ng	98
30)	C163 1,2-Dibromoethane	6.69	107	503500	51.11	ng	98
31)	C210 4-Methyl-2-Pentanone	5.89	43	3879428	249.16	ng	# 87
32)	C215 2-Hexanone	6.47	43	2792933	254.36	ng	# 83
33)	C230 Toluene	6.03	91	2395543	51.04	ng	95
34)	C235 Chlorobenzene	7.02	112	1575617	50.11	ng	97
35)	C240 Ethylbenzene	7.08	91	2573766	50.58	ng	94
36)	C246 m,p-Xylene	7.16	106	2165661	101.22	ng	91
37)	C247 o-Xylene	7.45	106	1051187	49.98	ng	90
38)	C245 Styrene	7.46	104	1676907	52.17	ng	# 23
40)	C225 1,1,2,2-Tetrachloroe	7.95	83	642042	51.48	ng	97
42)	C180 Bromoform	7.63	173	256608	54.67	ng	98
43)	C260 1,3-Dichlorobenzene	8.65	146	1267531	49.27	ng	94
44)	C267 1,4-Dichlorobenzene	8.71	146	1301243	50.28	ng	92
45)	C249 1,2-Dichlorobenzene	8.99	146	1210384	49.29	ng	91

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6407.D Vial: 3
Acq On : 26 Oct 2006 11:43 Operator: BJ
Sample : VSTD010 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 26 12:20:27 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Thu Oct 26 12:20:11 2006
Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	92919	57.16	ng	#	76
47) C313 1,2,4-Trichlorobenze	10.19	180	770806	51.42	ng		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report

STL Buffalo

(Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6406.D

Acq On : 26 Oct 2006 11:20

Sample : VSTD025

Misc :

MS Integration Params: RTEINT2.P

Vial: 2

Operator: BJ

Inst : HP5973G

Multiplr: 1.00

Quant Time: Oct 26 12:20:23 2006

Results File: A6I0002079.RES

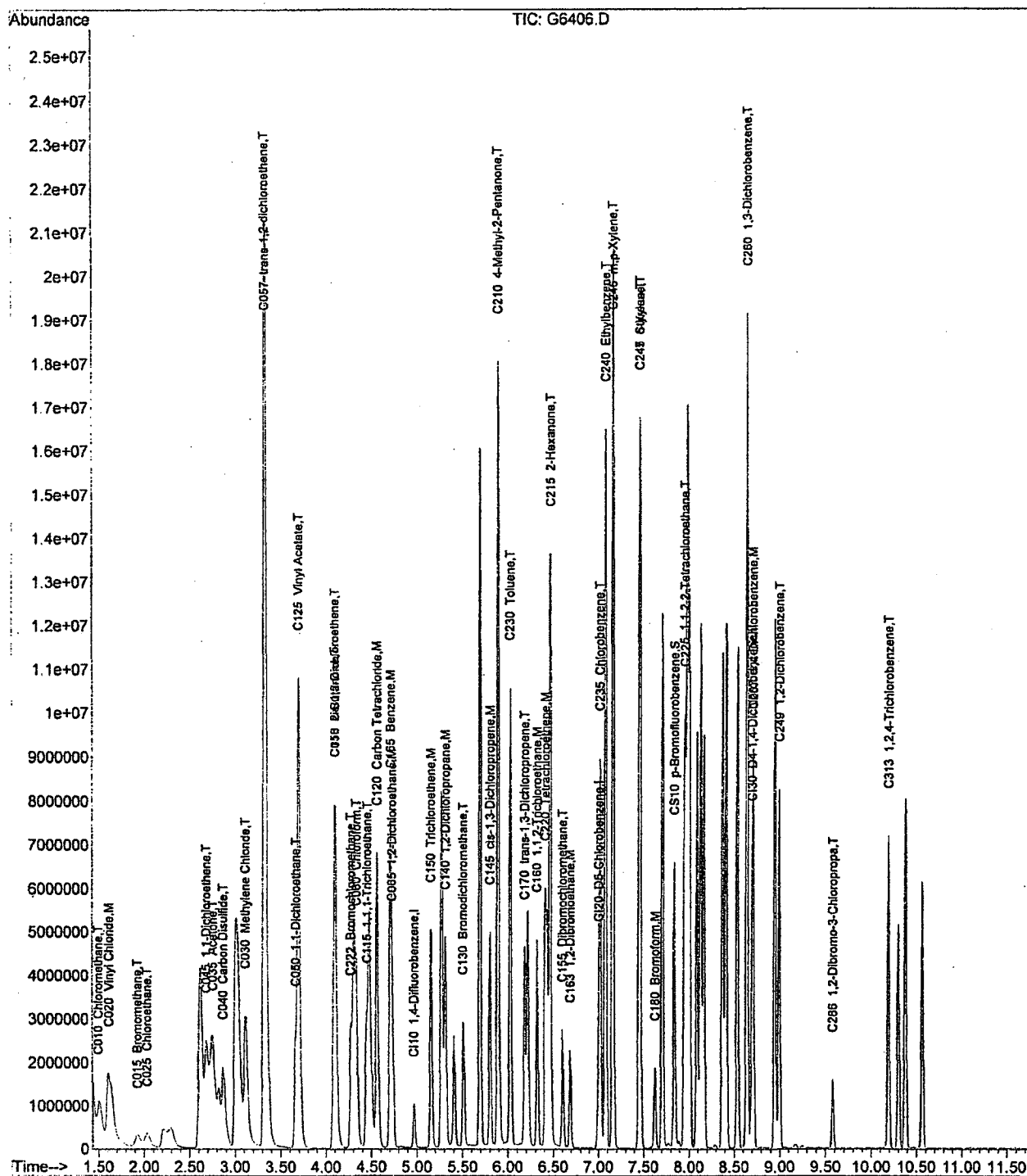
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Thu Oct 26 12:20:11 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\102606\G6408.D

DataAcq Meth : CLP



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6406.D

Vial: 2

Acq On : 26 Oct 2006 11:20

Operator: BJ

Sample : VSTD025

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 26 12:20:23 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Thu Oct 26 12:20:11 2006

Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.97	114	760931	25.00	ng	0.00 116.40%
18) CI20 D5-Chlorobenzene	7.00	117	707403	25.00	ng	0.00 117.68%
41) CI30 D4-1,4-Dichlorobenze	8.70	152	360477	25.00	ng	0.00 118.60%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 1662949 123.16 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 492.64%#

Target Compounds

						Qvalue
2) C010	Chloromethane	1.51	50	1471678	103.78 ng	99
3) C015	Bromomethane	1.92	94	387241	71.08 ng	92
4) C020	Vinyl Chloride	1.62	62	1691569	104.31 ng	94
5) C025	Chloroethane	2.03	64	588924	82.23 ng	96
6) C030	Methylene Chloride	3.12	84	1540362	101.12 ng	97
7) C035	Acetone	2.76	43	3409214	641.65 ng	88
8) C040	Carbon Disulfide	2.87	76	3571285	121.52 ng	100
9) C045	1,1-Dichloroethene	2.68	96	1216470	122.83 ng	90
10) C050	1,1-Dichloroethane	3.66	63	2796529	119.13 ng	97
11) C057	trans-1,2-dichloroet	3.33	96	1377923	115.05 ng	94
12) C056	cis-1,2-Dichloroethe	4.10	96	1579805	117.69 ng	92
13) C125	Vinyl Acetate	3.70	43	17377748	614.33 ng	100
14) C060	Chloroform	4.33	83	2210157	120.13 ng	100
15) C222	Bromochloromethane	4.28	128	804559	123.03 ng	# 87
16) C065	1,2-Dichloroethane	4.73	62	2090476	121.84 ng	96
17) C110	2-Butanone	4.10	43	5208868	608.32 ng	94
19) C115	1,1,1-Trichloroethan	4.45	97	1744149	123.35 ng	99
20) C120	Carbon Tetrachloride	4.56	117	1512940	129.51 ng	96
21) C150	Trichloroethene	5.15	95	1407882	120.17 ng	85
22) C130	Bromodichloromethane	5.51	83	1564671	127.20 ng	100
23) C140	1,2-Dichloropropane	5.31	63	1642812	119.16 ng	100
24) C145	cis-1,3-Dichloroprop	5.81	75	2173718	134.31 ng	99
25) C165	Benzene	4.71	78	5782161	118.50 ng	100
26) C155	Dibromochloromethane	6.60	129	1271260	136.61 ng	98
27) C170	trans-1,3-Dichloropr	6.19	75	1952892	135.52 ng	99
28) C160	1,1,2-Trichloroethan	6.32	97	1331752	120.00 ng	97
29) C220	Tetrachloroethene	6.41	166	1590391	121.81 ng	98
30) C163	1,2-Dibromoethane	6.69	107	1420242	124.38 ng	99
31) C210	4-Methyl-2-Pentanone	5.89	43	10747612	595.59 ng	# 87
32) C215	2-Hexanone	6.47	43	7841282	616.18 ng	# 83
33) C230	Toluene	6.03	91	6481251	119.16 ng	96
34) C235	Chlorobenzene	7.02	112	4266320	117.08 ng	100
35) C240	Ethylbenzene	7.08	91	6918993	117.32 ng	96
36) C246	m,p-Xylene	7.16	106	5660307	228.27 ng	93
37) C247	o-Xylene	7.45	106	2774543	113.82 ng	90
38) C245	Styrene	7.46	104	4645600	124.70 ng	# 23
40) C225	1,1,2,2-Tetrachloroe	7.95	83	1761564	121.86 ng	100
42) C180	Bromoform	7.63	173	809604	154.03 ng	99
43) C260	1,3-Dichlorobenzene	8.65	146	3273207	113.61 ng	96
44) C267	1,4-Dichlorobenzene	8.71	146	3467300	119.64 ng	91
45) C249	1,2-Dichlorobenzene	8.99	146	3239113	117.79 ng	92

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\102606\G6406.D Vial: 2
Acq On : 26 Oct 2006 11:20 Operator: BJ
Sample : VSTD025 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 26 12:20:23 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Thu Oct 26 12:20:11 2006
Response via : Single (D:\MSDCHEM\G\Data\102606\G6408.D 26 Oct 2006 12:06)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\102606\G6408.D (26 Oct 2006 12:06)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)	Rcv (Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	292588	160.73	ng	#	69
47) C313 1,2,4-Trichlorobenze	10.19	180	2037154	121.36	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

OLC02.1 LOW CONCENTRATION VOLATILES
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6C0006631-1

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

Lab File Id: G6559.RR Calibration Date: 10/30/2006 Time: 09:19

Intrument ID: HP5973G Init. Calib. Date(s): 10/26/2006 10/26/2006

Heated Purge (Y/N): N Init. Calib. Times: 11:20 13:26

GC Column: DB-624 ID: 0.18 (mm)

COMPOUND	AVG RRF	RRF5	MIN RRF	% D	MAX % D
Vinyl chloride	0.5020	0.5269	0.1000	-5.000	30.00
Chloroethane	0.2140	0.2404	0.0100	-12.300	100.00
1,1-Dichloroethane	0.7990	0.8543	0.2000	-6.900	30.00
cis-1,2-Dichloroethene	0.4610	0.4911	0.1000	-6.500	100.00
trans-1,2-Dichloroethene	0.4070	0.4409	0.0100	-8.300	100.00
1,1,1-Trichloroethane	0.5190	0.5480	0.1000	-5.600	30.00
Trichloroethene	0.4300	0.4601	0.3000	-7.000	30.00
Tetrachloroethene	0.4890	0.5151	0.1000	-5.300	30.00
Toluene	2.0300	2.2129	0.4000	-9.000	30.00
Chlorobenzene	1.3700	1.4215	0.5000	-3.800	30.00
=====					
p-Bromofluorobenzene	0.4960	0.4549	0.2000	8.300	30.00

Quantitation Report

STL Buffalo

(QT Reviewed)

Data File : D:\MSDCHEM\G\Data\103006\G6559.D

Vial: 2

Acq On : 30 Oct 2006 9:19

Operator: LH

Sample : VSTD005

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 10:33:41 2006

Results File: A6I0002079.RES

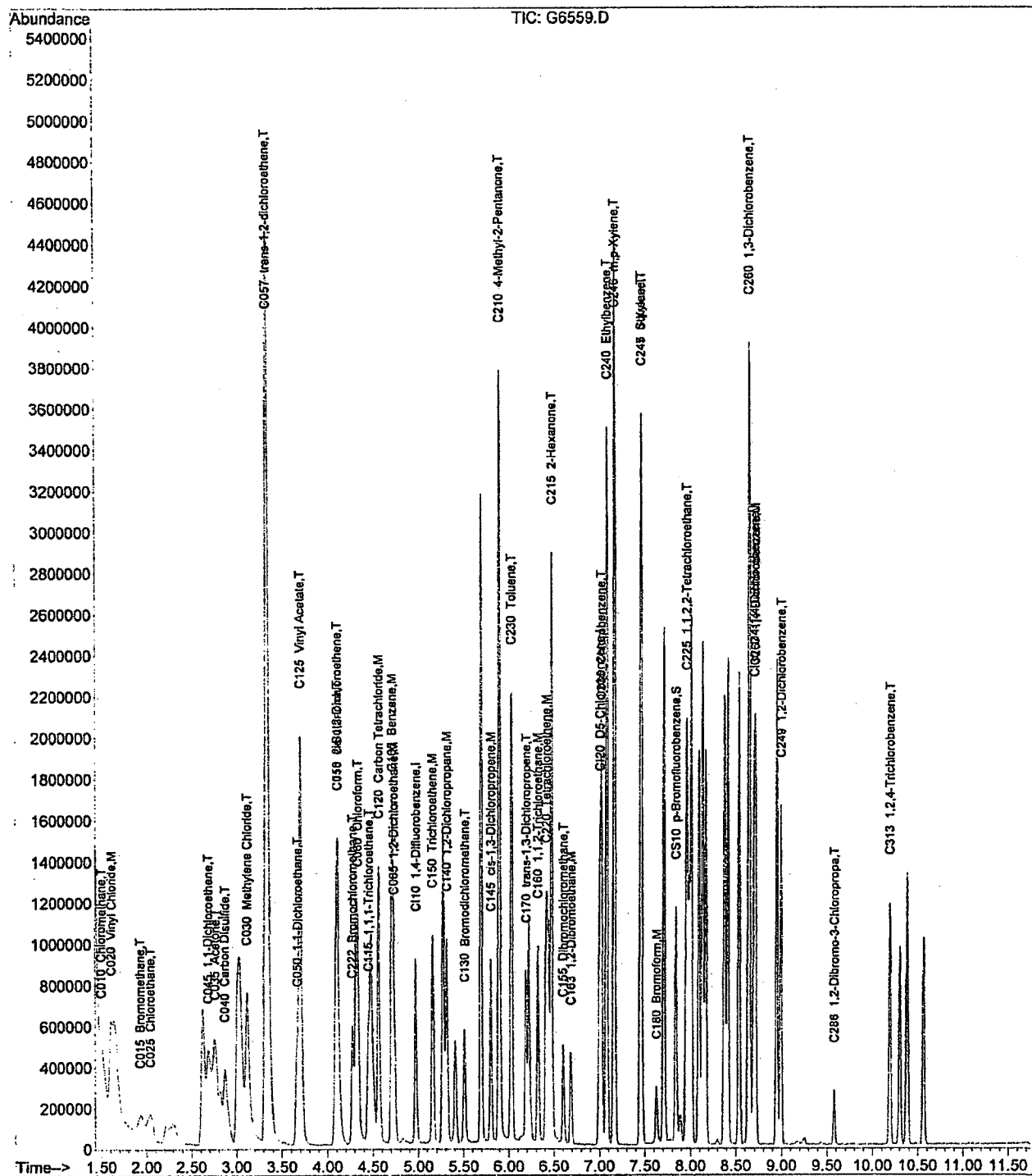
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Sun Oct 29 08:43:56 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\102906\G6529.D

DataAcq Meth : CLP



Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\Data\103006\G6559.D
 Acq On : 30 Oct 2006 9:19
 Sample : VSTD005
 Misc :
 MS Integration Params: RTEINT2.P
 Quant Time: Oct 30 10:33:41 2006

Vial: 2
 Operator: LH
 Inst : HP5973G
 Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Sun Oct 29 08:43:56 2006
 Response via : Single (D:\MSDCHEM\G\Data\102906\G6529.D 29 Oct 2006 8:08)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\Data\102906\G6529.D (29 Oct 2006 8:08)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	671919	25.00	ng	0.00
							103.34%
18)	CI20 D5-Chlorobenzene	7.00	117	609470	25.00	ng	0.00
							102.08%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	384863	25.00	ng	0.00
							116.20%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 277251 23.03 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 92.12%

Target Compounds

							Qvalue
2)	C010 Chloromethane	1.51	50	315524	25.70	ng	98
3)	C015 Bromomethane	1.93	94	112856	22.04	ng	100
4)	C020 Vinyl Chloride	1.62	62	354061	26.46	ng	95
5)	C025 Chloroethane	2.04	64	161540	22.61	ng	95
6)	C030 Methylene Chloride	3.12	84	368279	22.94	ng	97
7)	C035 Acetone	2.77	43	714169	116.29	ng	87
8)	C040 Carbon Disulfide	2.87	76	780385	25.94	ng	100
9)	C045 1,1-Dichloroethene	2.69	96	244454	26.17	ng	96
10)	C050 1,1-Dichloroethane	3.67	63	574050	24.54	ng	100
11)	C057 trans-1,2-dichloroet	3.33	96	296242	24.95	ng	94
12)	C056 cis-1,2-Dichloroethe	4.10	96	329954	24.86	ng	94
13)	C125 Vinyl Acetate	3.70	43	3207132	111.38	ng	99
14)	C060 Chloroform	4.34	83	449309	24.19	ng	98
15)	C222 Bromochloromethane	4.28	128	155821	24.38	ng	# 86
16)	C065 1,2-Dichloroethane	4.73	62	425060	24.30	ng	98
17)	C110 2-Butanone	4.11	43	1106333	120.19	ng	94
19)	C115 1,1,1-Trichloroethan	4.45	97	333981	26.96	ng	96
20)	C120 Carbon Tetrachloride	4.56	117	267236	28.92	ng	98
21)	C150 Trichloroethene	5.15	95	280439	25.79	ng	89
22)	C130 Bromodichloromethane	5.51	83	291811	25.96	ng	95
23)	C140 1,2-Dichloropropane	5.31	63	340117	24.47	ng	96
24)	C145 cis-1,3-Dichloroprop	5.81	75	403234	26.18	ng	100
25)	C165 Benzene	4.71	78	1216728	24.94	ng	100
26)	C155 Dibromochloromethane	6.60	129	217250	27.06	ng	100
27)	C170 trans-1,3-Dichloropr	6.19	75	343061	26.27	ng	98
28)	C160 1,1,2-Trichloroethan	6.32	97	273524	24.59	ng	97
29)	C220 Tetrachloroethene	6.42	166	313938	25.64	ng	95
30)	C163 1,2-Dibromoethane	6.69	107	275544	24.23	ng	99
31)	C210 4-Methyl-2-Pentanone	5.90	43	2246325	121.28	ng	# 88
32)	C215 2-Hexanone	6.47	43	1601456	118.64	ng	# 83
33)	C230 Toluene	6.03	91	1348697	25.66	ng	99
34)	C235 Chlorobenzene	7.02	112	866357	24.96	ng	100
35)	C240 Ethylbenzene	7.08	91	1458294	25.69	ng	98
36)	C246 m,p-Xylene	7.16	106	1200642	50.32	ng	92
37)	C247 o-Xylene	7.45	106	566884	24.48	ng	89
38)	C245 Styrene	7.46	104	935098	24.17	ng	# 22
40)	C225 1,1,2,2-Tetrachloroe	7.95	83	371201	23.89	ng	98
42)	C180 Bromoform	7.63	173	121209	23.87	ng	94
43)	C260 1,3-Dichlorobenzene	8.65	146	659377	20.58	ng	98
44)	C267 1,4-Dichlorobenzene	8.71	146	666900	20.64	ng	94
45)	C249 1,2-Dichlorobenzene	8.99	146	628496	20.63	ng	91

Quantitation Report STL Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\G\Data\103006\G6559.D Vial: 2
Acq On : 30 Oct 2006 9:19 Operator: LH
Sample : VSTD005 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 10:33:41 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Sun Oct 29 08:43:56 2006
Response via : Single (D:\MSDCHEM\G\Data\102906\G6529.D 29 Oct 2006 8:08)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\102906\G6529.D (29 Oct 2006 8:08)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	46440	20.80	ng	#	87
47) C313 1,2,4-Trichlorobenze	10.19	180	344342	20.49	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

OLC02.1 LOW CONCENTRATION VOLATILES
CONTINUING CALIBRATION CHECK

Lab Name: STL Buffalo Contract: _____ Lab Samp ID: A6C0006643-1

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

Lab File Id: G6589.RR Calibration Date: 10/30/2006 Time: 21:59

Intrument ID: HP5973G Init. Calib. Date(s): 10/26/2006 10/26/2006

Heated Purge (Y/N): N Init. Calib. Times: 11:20 13:26

GC Column: DB-624 ID: 0.18(mm)

COMPOUND	AVG RRF	RRF5	MIN RRF	% D	MAX % D
Vinyl chloride	0.5020	0.5313	0.1000	-5.800	30.00
Chloroethane	0.2140	0.2433	0.0100	-13.700	100.00
1,1-Dichloroethane	0.7990	0.8722	0.2000	-9.200	30.00
cis-1,2-Dichloroethene	0.4610	0.4854	0.1000	-5.300	100.00
trans-1,2-Dichloroethene	0.4070	0.4419	0.0100	-8.600	100.00
1,1,1-Trichloroethane	0.5190	0.5029	0.1000	3.100	30.00
Trichloroethene	0.4300	0.4198	0.3000	2.400	30.00
Tetrachloroethene	0.4890	0.4796	0.1000	1.900	30.00
Toluene	2.0300	2.0803	0.4000	-2.500	30.00
Chlorobenzene	1.3700	1.3584	0.5000	0.900	30.00
=====					
p-Bromofluorobenzene	0.4960	0.4798	0.2000	3.300	30.00

Quantitation Report

STL Buffalo

(Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6589.D

Vial: 3

Acq On : 30 Oct 2006 21:59

Operator: RJ

Sample : VSTD005

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 22:12:02 2006

Results File: A6I0002079.RES

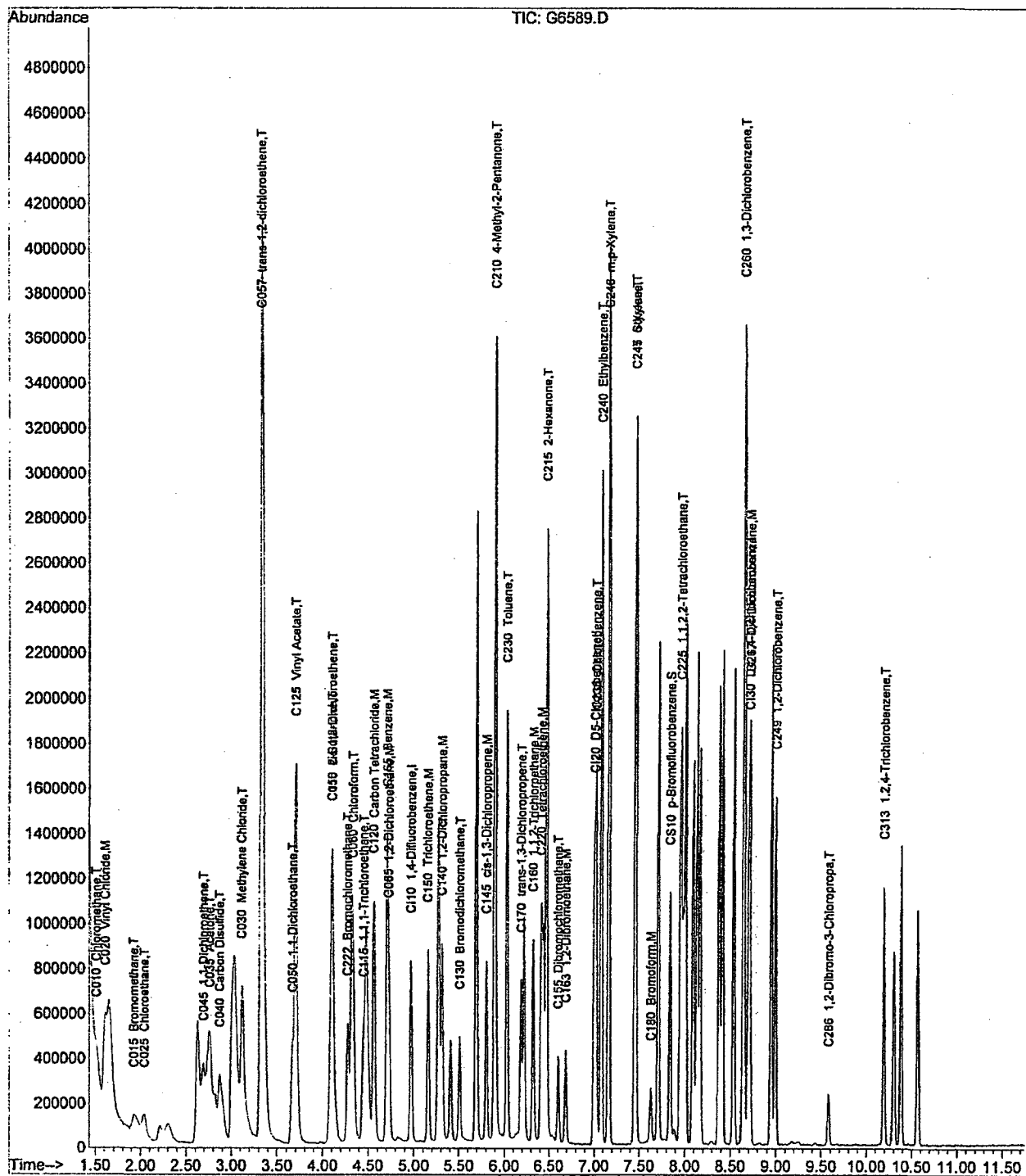
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6589.D

Vial: 3

Acq On : 30 Oct 2006 21:59

Operator: RJ

Sample : VSTD005

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 22:12:02 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.97	114	594146	25.00	ng	0.00	88.43%
18) CI20 D5-Chlorobenzene	7.00	117	570253	25.00	ng	0.00	93.57%
41) CI30 D4-1,4-Dichlorobenze	8.70	152	286692	25.00	ng	0.00	74.49%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 273607 26.37 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 105.48%

Target Compounds

						Qvalue
2) C010	Chloromethane	1.52	50	269858	24.18 ng	99
3) C015	Bromomethane	1.93	94	97735	24.48 ng	82
4) C020	Vinyl Chloride	1.62	62	315643	25.20 ng	95
5) C025	Chloroethane	2.04	64	144556	25.30 ng	99
6) C030	Methylene Chloride	3.12	84	357632	27.46 ng	96
7) C035	Acetone	2.77	43	657388	130.12 ng	85
8) C040	Carbon Disulfide	2.87	76	678511	24.58 ng	100
9) C045	1,1-Dichloroethene	2.70	96	208420	24.10 ng	95
10) C050	1,1-Dichloroethane	3.67	63	518215	25.52 ng	97
11) C057	trans-1,2-dichloroet	3.34	96	262552	25.06 ng	96
12) C056	cis-1,2-Dichloroethe	4.10	96	288391	24.71 ng	96
13) C125	Vinyl Acetate	3.70	43	2730260	120.34 ng	99
14) C060	Chloroform	4.34	83	398068	25.05 ng	98
15) C222	Bromochloromethane	4.28	128	143455	26.03 ng	# 88
16) C065	1,2-Dichloroethane	4.73	62	369648	24.59 ng	94
17) C110	2-Butanone	4.11	43	1020637	130.41 ng	93
19) C115	1,1,1-Trichloroethan	4.45	97	286794	22.94 ng	96
20) C120	Carbon Tetrachloride	4.57	117	219322	21.93 ng	95
21) C150	Trichloroethene	5.15	95	239381	22.81 ng	87
22) C130	Bromodichloromethane	5.51	83	254744	23.33 ng	95
23) C140	1,2-Dichloropropane	5.31	63	304265	23.90 ng	100
24) C145	cis-1,3-Dichloroprop	5.81	75	342281	22.68 ng	94
25) C165	Benzene	4.71	78	1063752	23.36 ng	100
26) C155	Dibromochloromethane	6.60	129	181246	22.29 ng	96
27) C170	trans-1,3-Dichloropr	6.19	75	292174	22.76 ng	97
28) C160	1,1,2-Trichloroethan	6.32	97	243236	23.76 ng	99
29) C220	Tetrachloroethene	6.41	166	273472	23.28 ng	97
30) C163	1,2-Dibromoethane	6.69	107	241864	23.45 ng	98
31) C210	4-Methyl-2-Pentanone	5.90	43	2138288	127.17 ng	89
32) C215	2-Hexanone	6.47	43	1521433	126.92 ng	# 85
33) C230	Toluene	6.03	91	1186310	23.50 ng	96
34) C235	Chlorobenzene	7.02	112	774640	23.89 ng	98
35) C240	Ethylbenzene	7.08	91	1277812	23.41 ng	99
36) C246	m,p-Xylene	7.16	106	1062907	47.31 ng	93
37) C247	o-Xylene	7.45	106	522547	24.63 ng	89
38) C245	Styrene	7.46	104	855867	24.46 ng	# 22
40) C225	1,1,2,2-Tetrachloroe	7.95	83	340581	24.52 ng	100
42) C180	Bromoform	7.63	173	98100	27.16 ng	95
43) C260	1,3-Dichlorobenzene	8.65	146	621432	31.63 ng	96
44) C267	1,4-Dichlorobenzene	8.71	146	619232	31.16 ng	91
45) C249	1,2-Dichlorobenzene	8.99	146	591789	31.60 ng	92

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6589.D Vial: 3
Acq On : 30 Oct 2006 21:59 Operator: RJ
Sample : VSTD005 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 22:12:02 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	41201	29.77	ng	#	74
47) C313 1,2,4-Trichlorobenze	10.19	180	335881	32.74	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Raw QC Data

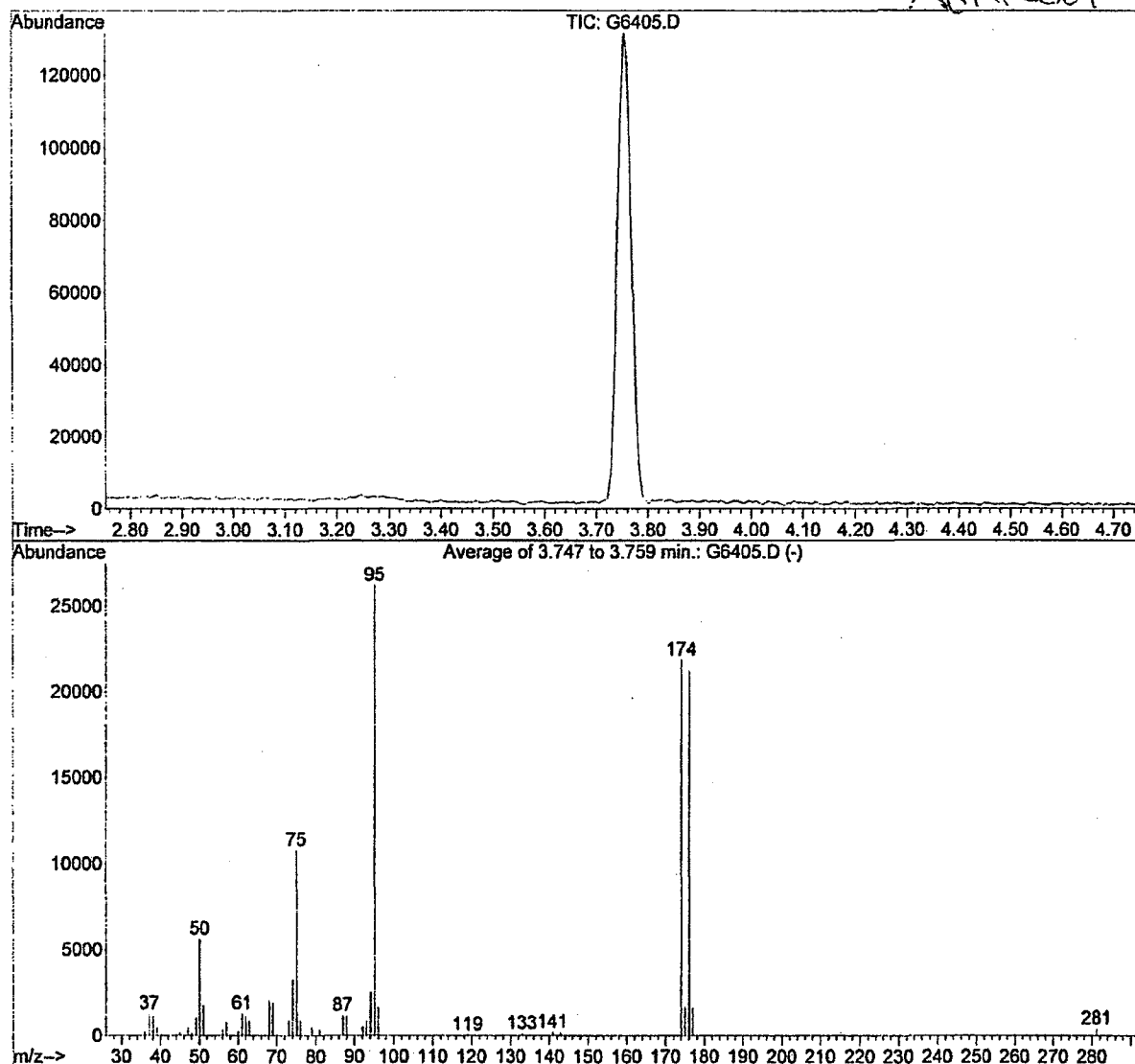
CLP BFB RESULTS Tune Evaluation

Data File : D:\MSDCHEM\G\Data\102606\G6405.D
 Acq On : 26 Oct 2006 10:59
 Sample : 1026BFBG1
 Misc :
 MS Integration Params: RTEINT2.P

Vial: 1
 Operator: BJ
 Inst : HP5973G
 Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...CLP\A6I0002029.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER

AGT. 3364



Peak Apex is scan: 384 (3.75 min)

Average of 3 scans: 383,384,385 minus background scan 364 (3.63 min)

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit,%	Limit,%	Abn,%	Abn	Pass/Fail
50	95	8	40	21.5	5625	PASS
75	95	30	66	41.2	10792	PASS
95	95	100	100	100.0	26216	PASS
96	95	5	9	6.3	1646	PASS
173	174	0	2	0.0	0	PASS
174	95	50	120	83.3	21840	PASS
175	174	4	9	7.6	1661	PASS
176	174	93	101	97.2	21221	PASS
177	176	5	9	7.6	1615	PASS

Average of 3.747 to 3.759 min.: G6405.D

1026BFBG1

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	262	57.05	834	78.95	487	142.85	169
37.10	1285	60.00	280	80.95	386	174.00	21840
38.05	1146	61.05	1285	86.95	1169	175.00	1661
39.10	497	62.00	1163	87.95	1160	176.00	21221
45.05	247	63.00	878	92.05	510	177.00	1615
47.05	470	68.05	2082	93.00	891	281.15	396
48.00	149	69.00	1939	94.05	2534		
49.10	1050	73.00	898	95.10	26216		
50.05	5625	74.05	3296	96.00	1646		
51.10	1765	75.05	10792	133.00	131		
55.95	399	76.05	866	140.85	212		

CLP BFB RESULTS Tune Evaluation

Data File : D:\MSDCHEM\G\Data\103006\G6558.D

Acq On : 30 Oct 2006 8:48

Sample : 1030BFBG1

Misc :

MS Integration Params: RTEINT2.P

Vial: 1

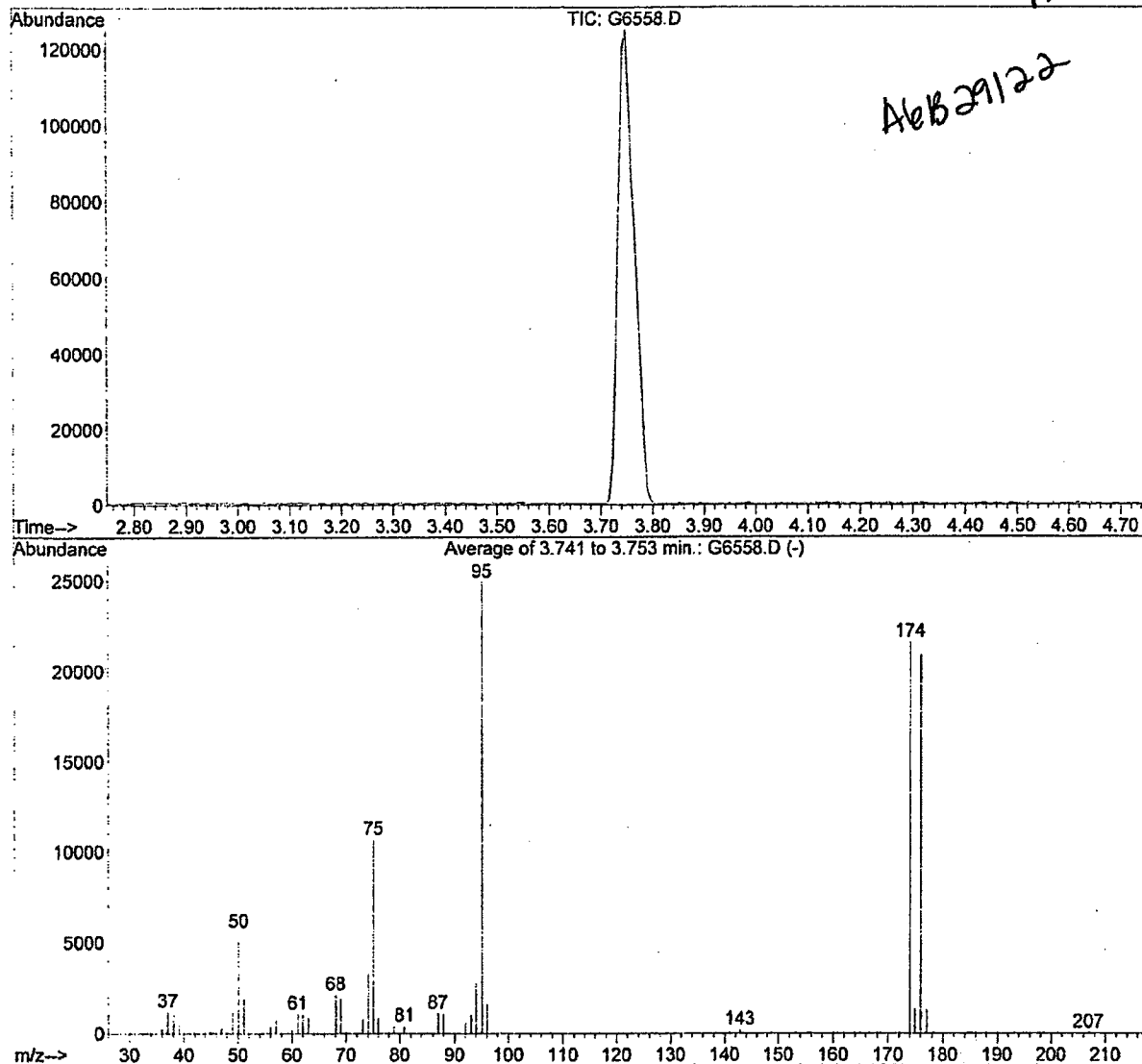
Operator: LH

Inst : HP5973G

Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...CLP\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER



Peak Apex is scan: 383 (3.75 min)

Average of 3 scans: 382,383,384 minus background scan 363 (3.62 min)

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit, %	Limit, %	Abn, %	Abn	Pass/Fail
50	95	8	40	22.5	5622	PASS
75	95	30	66	43.0	10719	PASS
95	95	100	100	100.0	24936	PASS
96	95	5	9	6.5	1627	PASS
173	174	0	2	0.3	58	PASS
174	95	50	120	86.7	21610	PASS
175	174	4	9	6.3	1352	PASS
176	174	93	101	96.7	20898	PASS
177	176	5	9	6.4	1333	PASS

Average of 3.741 to 3.753 min.: G6558.D

1030BFBG1

Modified: subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	282	60.00	219	78.95	411	174.95	1352
37.05	1228	61.05	1105	80.85	428	176.00	20898
38.10	1145	62.05	1036	86.95	1135	177.05	1333
39.10	517	63.05	872	88.00	1076		
44.95	140	68.05	2162	92.00	602		
47.00	365	69.00	1944	93.05	1010		
49.05	1223	70.05	132	94.05	2776		
50.10	5622	73.05	858	95.10	24936		
51.05	1894	74.05	3368	96.05	1627		
56.05	386	75.05	10719	142.85	222		
57.00	788	76.00	888	174.00	21610		

CLP BFB RESULTS Tune Evaluation

Data File : D:\MSDCHEM\G\DATA\103006\G6587.D

Acq On : 30 Oct 2006 21:01

Sample : 1030BFBG2

Misc :

MS Integration Params: RTEINT2.P

Vial: 1

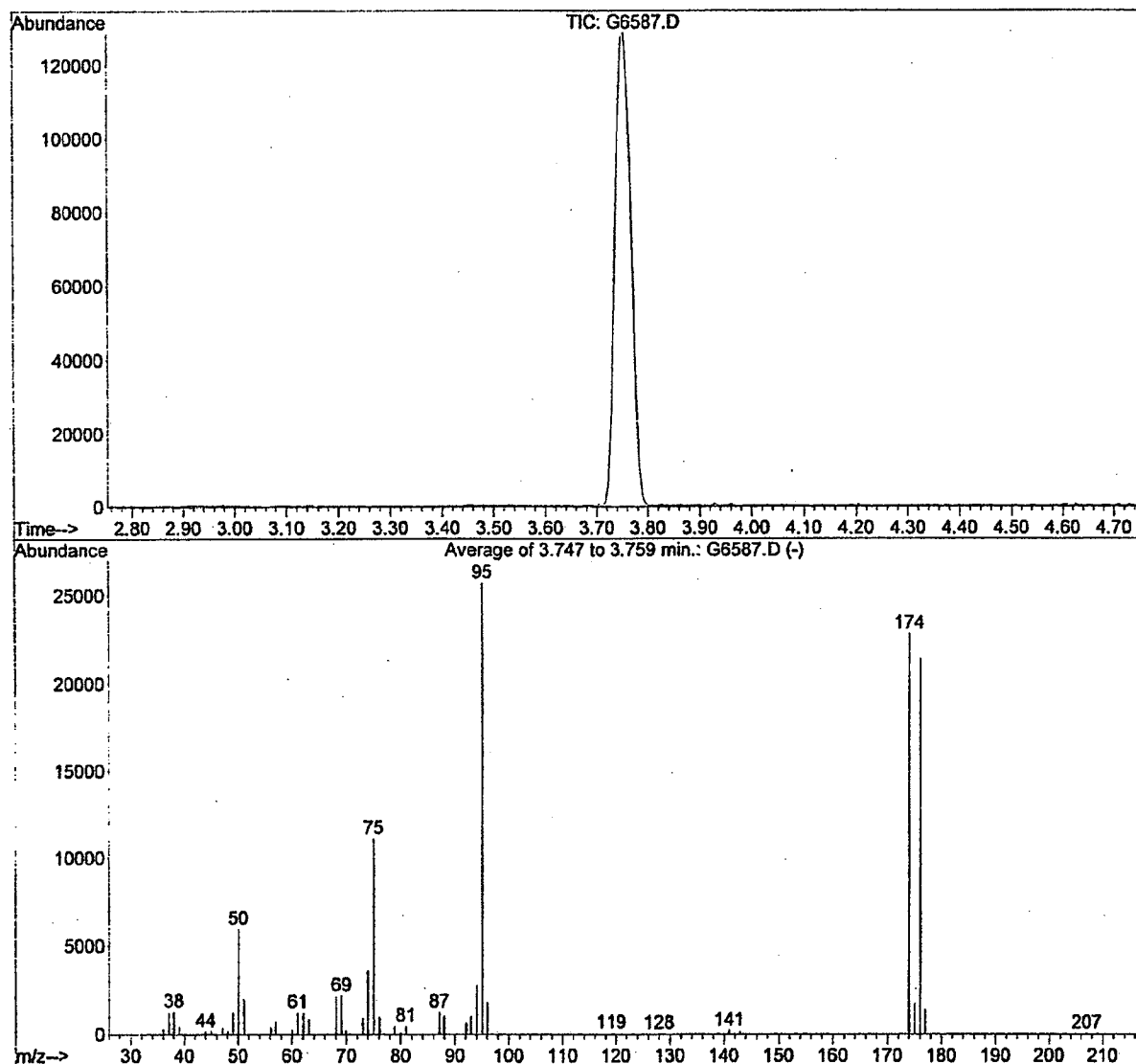
Operator: RJ

Inst : HP5973G

Multiplr: 1.00

Method : D:\MSDCHEM\G\MET...CLP\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER



Peak Apex is scan: 384 (3.75 min)

Average of 3 scans: 383,384,385 minus background scan 364 (3.63 min)

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit,%	Limit,%	Abn,%	Abn	Pass/Fail
50	95	8	40	23.2	5972	PASS
75	95	30	66	43.3	11139	PASS
95	95	100	100	100.0	25728	PASS
96	95	5	9	7.0	1807	PASS
173	174	0	2	0.2	55	PASS
174	95	50	120	88.7	22818	PASS
175	174	4	9	7.6	1745	PASS
176	174	93	101	93.9	21424	PASS
177	176	5	9	6.5	1398	PASS

Average of 3.747 to 3.759 min.: G6587.D

1030BFBG2

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.00	317	56.05	426	75.05	11139	141.00	224
37.05	1276	57.05	774	76.05	1001	142.95	145
38.05	1288	60.05	262	78.90	454	174.00	22818
39.05	467	61.05	1243	80.95	475	175.00	1745
44.00	187	62.05	1225	87.05	1269	176.00	21424
45.05	226	63.05	898	87.95	1069	177.00	1398
47.10	413	68.05	2154	92.05	683		
48.10	207	69.05	2197	92.95	1038		
49.05	1226	69.95	213	94.05	2778		
50.05	5972	73.05	910	95.10	25728		
51.10	2006	74.00	3610	96.05	1807		

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

VBLK95

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6B2912202Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6561.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

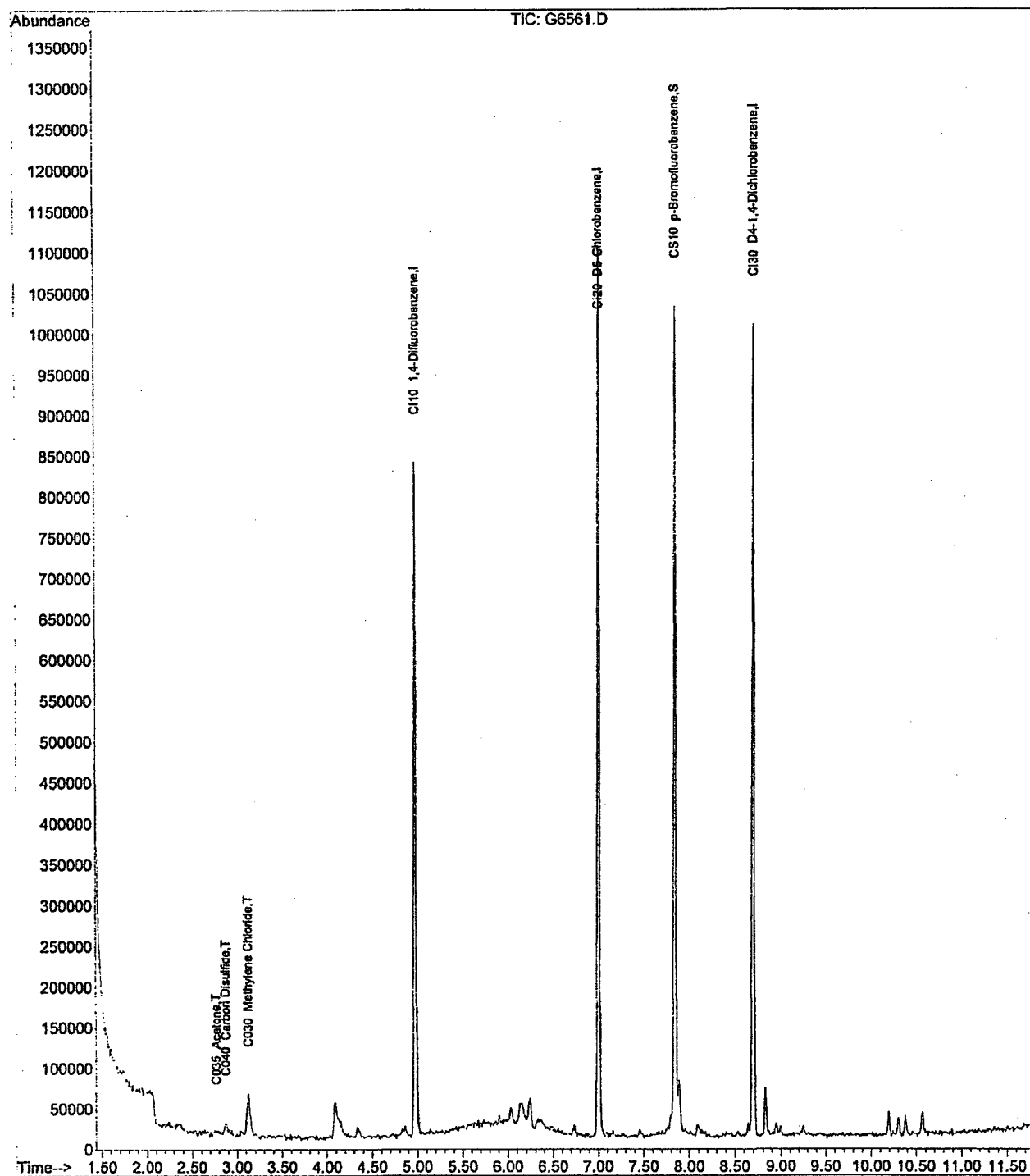
71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	1	U
75-34-3-----	1,1-Dichloroethane	1	U
540-59-0-----	1,2-Dichloroethene (Total)	2	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6561.D
Acq On : 30 Oct 2006 10:29
Sample : VBLK95
Misc :
MS Integration Params: RTEINT2.P

Vial: 4
Operator: LH
Inst : HP5973G
Multiplr: 1.00

Quant Time: Oct 30 14:33:17 2006 Results File: A6I0002079.RES
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D
DataAcq Meth : CLP



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6561.D

Vial: 4

Acq On : 30 Oct 2006 10:29

Operator: LH

Sample : VBLK95

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 14:33:17 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

S&E 10/30/06
NOTES 9:19

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.97	114	612510	25.00 ng	0.00
							91.16% -
18)	CI20	D5-Chlorobenzene	7.00	117	546592	25.00 ng	0.00
							89.68% -
41)	CI30	D4-1,4-Dichlorobenze	8.70	152	250151	25.00 ng	0.00
							65.00% -

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 246881 24.82 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 99.28%

Qvalue

Target Compounds

2)	C010	Chloromethane	1.52	50	3902	N.D.	
3)	C015	Bromomethane	1.98	94	376	N.D.	
4)	C020	Vinyl Chloride	1.62	62	532	N.D.	
5)	C025	Chloroethane	2.17	64	316	N.D.	
6)	C030	Methylene Chloride	3.13	84	27522	2.05 ng	94
7)	C035	Acetone	2.77	43	12275	2.36 ng	95
8)	C040	Carbon Disulfide	2.87	76	36787	1.29 ng	100
9)	C045	1,1-Dichloroethene	2.68	96	273	N.D.	
10)	C050	1,1-Dichloroethane	3.66	63	123	N.D.	
11)	C057	trans-1,2-dichloro	3.34	96	94	N.D.	
12)	C056	cis-1,2-Dichloroet	4.10	96	246	N.D.	
13)	C125	Vinyl Acetate	4.04	43	653	N.D.	
14)	C060	Chloroform	4.33	83	2069	N.D.	
15)	C222	Bromochloromethane	4.29	128	56	N.D.	
16)	C065	1,2-Dichloroethane	4.73	62	58	N.D.	
17)	C110	2-Butanone	4.08	43	2023	N.D.	
19)	C115	1,1,1-Trichloroeth	4.44	97	198	N.D.	
20)	C120	Carbon Tetrachlori	4.39	117	73	N.D.	
21)	C150	Trichloroethene	5.17	95	448	N.D.	
22)	C130	Bromodichlorometha	5.57	83	472	N.D.	
23)	C140	1,2-Dichloropropan	5.14	63	327	N.D.	
24)	C145	cis-1,3-Dichloropr	5.90	75	354	N.D.	
25)	C165	Benzene	4.70	78	3614	N.D.	
26)	C155	Dibromochlorometha	6.60	129	231	N.D.	
27)	C170	trans-1,3-Dichloro	6.09	75	296	N.D.	
28)	C160	1,1,2-Trichloroeth	6.47	97	590	N.D.	
29)	C220	Tetrachloroethene	6.41	166	90	N.D.	
30)	C163	1,2-Dibromoethane	6.68	107	66	N.D.	
31)	C210	4-Methyl-2-Pentano	5.91	43	4234	N.D.	
32)	C215	2-Hexanone	6.48	43	5176	N.D.	
33)	C230	Toluene	6.03	91	8056	N.D.	
34)	C235	Chlorobenzene	7.01	112	533	N.D.	
35)	C240	Ethylbenzene	7.09	91	1382	N.D.	
36)	C246	m,p-Xylene	7.16	106	1609	N.D.	
37)	C247	o-Xylene	7.45	106	736	N.D.	
38)	C245	Styrene	7.38	104	74	N.D.	
40)	C225	1,1,2,2-Tetrachlor	7.95	83	545	N.D.	
42)	C180	Bromoform	7.63	173	118	N.D.	
43)	C260	1,3-Dichlorobenzen	8.64	146	3435	N.D.	
44)	C267	1,4-Dichlorobenzen	8.71	146	4779	N.D.	
45)	C249	1,2-Dichlorobenzen	8.99	146	3417	N.D.	

Meth
11/6/06

Quantitation Report STL Buffalo (Not Reviewed)

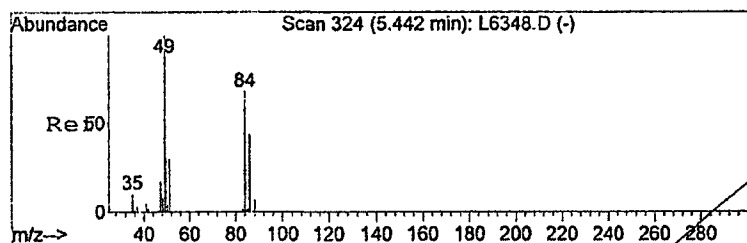
Data File : D:\MSDCHEM\G\DATA\103006\G6561.D Vial: 4
Acq On : 30 Oct 2006 10:29 Operator: LH
Sample : VBLK95 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 14:33:17 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
46) C286 1,2-Dibromo-3-Chlo	9.59	75	74			N.D.	
47) C313 1,2,4-Trichloroben	10.19	180	6616			N.D.	

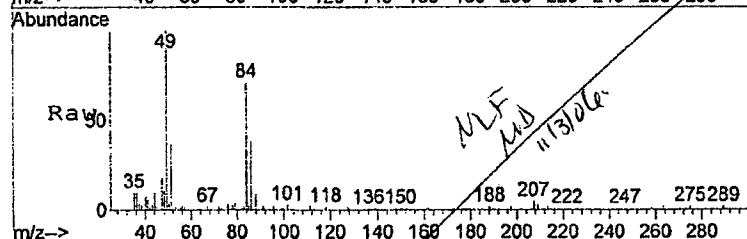
(#) = qualifier out of range (m) = manual integration (+) = signals summed

any
11/6/06



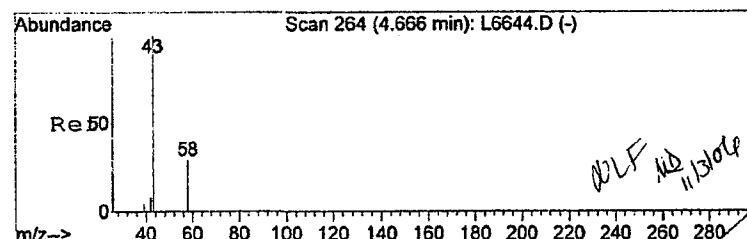
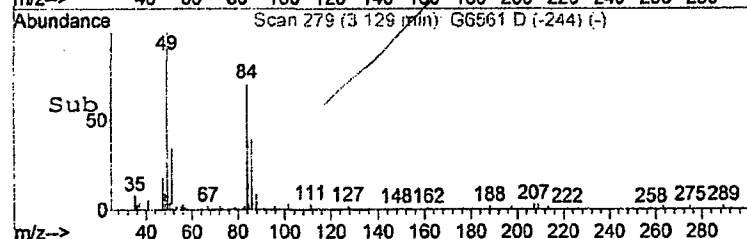
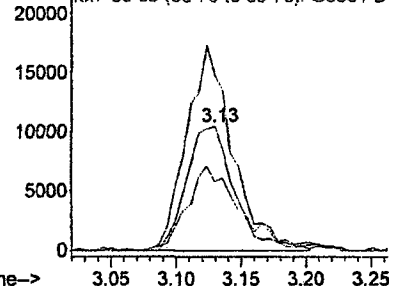
#6
C030 Methylene Chloride
Concen: 2.05 ng
RT: 3.13 min Scan# 279
Delta R.T. 0.01 min
Lab File: G6561.D
Acq: 30 Oct 2006 10:29

Tgt Ion: 84 Resp: 27522
Ion Ratio Lower Upper
84 100
49 141.2 126.2 166.2
86 55.4 43.8 83.8



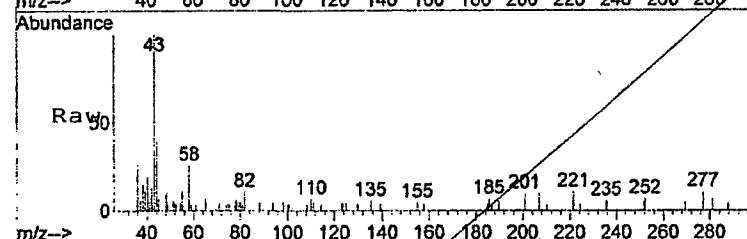
Abundance

Ion 84.00 (83.70 to 84.70): G6561.D
Ion 49.00 (48.70 to 49.70): G6561.D
Ion 86.00 (85.70 to 86.70): G6561.D



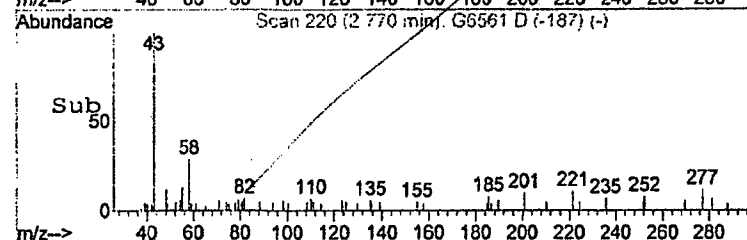
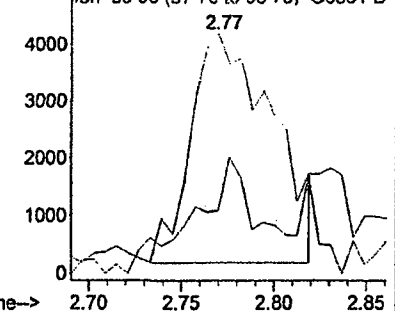
#7
C035 Acetone
Concen: 2.36 ng
RT: 2.77 min Scan# 220
Delta R.T. 0.00 min
Lab File: G6561.D
Acq: 30 Oct 2006 10:29

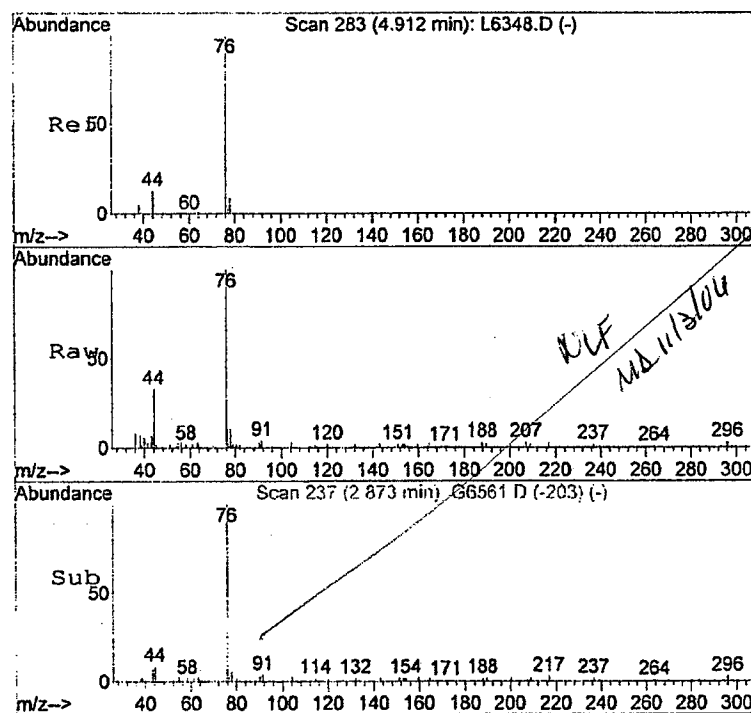
Tgt Ion: 43 Resp: 12275
Ion Ratio Lower Upper
43 100
58 26.1 8.6 48.6



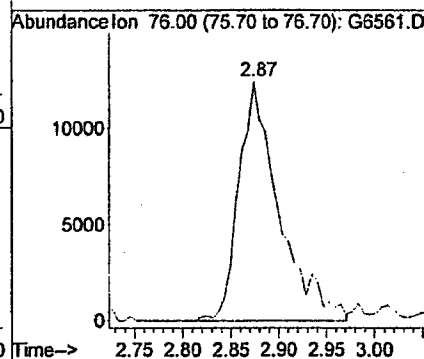
Abundance

Ion 43.00 (42.70 to 43.70): G6561.D
Ion 58.00 (57.70 to 58.70): G6561.D





#8
C040 Carbon Disulfide
Concen: 1.29 ng
RT: 2.87 min Scan# 237
Delta R.T. 0.01 min
Lab File: G6561.D
Acq: 30 Oct 2006 10:29
Tgt Ion: 76 Resp: 36787



ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

vblk96

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6B2918202Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6591.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

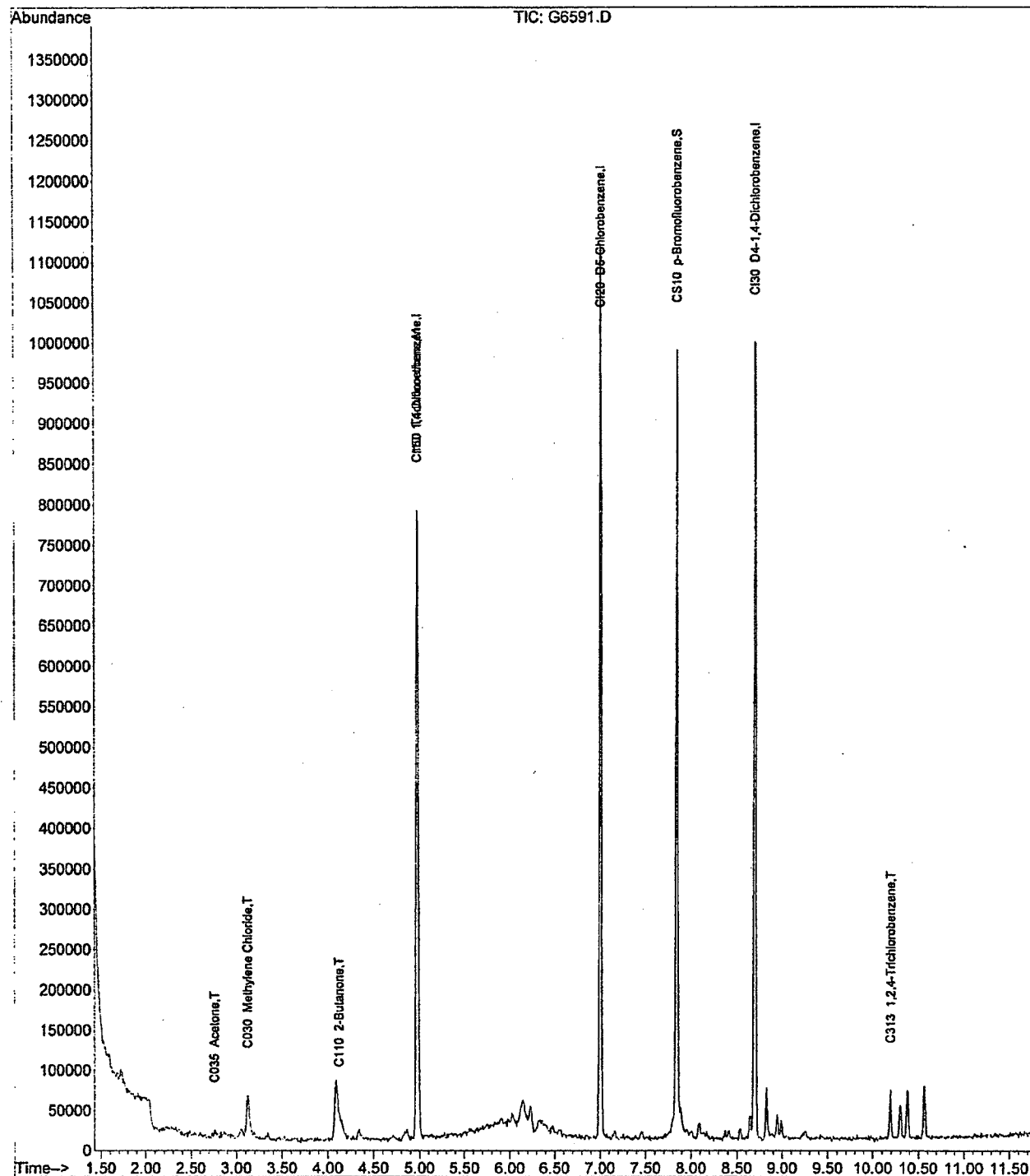
CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
71-55-6-----	1,1,1-Trichloroethane		1	U
127-18-4-----	Tetrachloroethene		1	U
75-34-3-----	1,1-Dichloroethane		1	U
540-59-0-----	1,2-Dichloroethene (Total)		2	U
79-01-6-----	Trichloroethene		1	U
108-90-7-----	Chlorobenzene		1	U
75-00-3-----	Chloroethane		1	U
108-88-3-----	Toluene		1	U
75-01-4-----	Vinyl chloride		1	U

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6591.D
Acq On : 30 Oct 2006 22:52
Sample : VBLK96
Misc :
MS Integration Params: RTEINT2.P

Vial: 4
Operator: RJ
Inst : HP5973G
Multiplr: 1.00

Quant Time: Oct 30 23:05:14 2006 Results File: A6I0002079.RES
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 22:15:58 2006
Response via : Continuing Cal File: D:\MSDCHEM\G\DATA\103006\G6589.D
DataAcq Meth : CLP



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6591.D
 Acq On : 30 Oct 2006 22:52
 Sample : VBLK96
 Misc :
 MS Integration Params: RTEINT2.P
 Quant Time: Oct 30 23:05:14 2006

Vial: 4
 Operator: RJ
 Inst : HP5973G
 Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Mon Oct 30 22:15:58 2006
 Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.97	114	579758	25.00	ng	0.00	
18) CI20 D5-Chlorobenzene	7.00	117	541301	25.00	ng	0.00	
41) CI30 D4-1,4-Dichlorobenze	8.70	152	247379	25.00	ng	0.00	
						97.58%	
						94.92%	
						86.29%	

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 239053 23.01 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 92.04%

Target Compounds

2) C010	Chloromethane	1.61	50	784	N.D.		
3) C015	Bromomethane	1.98	94	165	N.D.		
4) C020	Vinyl Chloride	1.61	62	1261	N.D.		
5) C025	Chloroethane	2.03	64	496	N.D.		
6) C030	Methylene Chloride	3.12	84	32444	2.32 ng	#	86
7) C035	Acetone	2.76	43	15218	2.97 ng		80
8) C040	Carbon Disulfide	2.88	76	15100	N.D.		
9) C045	1,1-Dichloroethene	2.71	96	287	N.D.		
10) C050	1,1-Dichloroethane	3.67	63	266	N.D.		
11) C057	trans-1,2-dichloro	3.35	96	590	N.D.		
12) C056	cis-1,2-Dichloroet	4.09	96	451	N.D.		
13) C125	Vinyl Acetate	4.00	43	830	N.D.		
14) C060	Chloroform	4.32	83	2197	N.D.		
15) C222	Bromochloromethane	4.29	128	75	N.D.		
16) C065	1,2-Dichloroethane	4.89	62	159	N.D.		
17) C110	2-Butanone	4.13	43	38296	4.81 ng		82
19) C115	1,1,1-Trichloroeth	4.44	97	65	N.D.		
20) C120	Carbon Tetrachlori	4.47	117	140	N.D.		
21) C150	Trichloroethene	4.97	95	10651	1.17 ng	#	12
22) C130	Bromodichlorometha	5.65	83	129	N.D.		
23) C140	1,2-Dichloropropan	5.32	63	360	N.D.		
24) C145	cis-1,3-Dichloropr	5.82	75	174	N.D.		
25) C165	Benzene	4.71	78	3040	N.D.		
26) C155	Dibromochlorometha	6.46	129	102	N.D.		
27) C170	trans-1,3-Dichloro	6.04	75	557	N.D.		
28) C160	1,1,2-Trichloroeth	6.32	97	982	N.D.		
29) C220	Tetrachloroethene	6.40	166	632	N.D.		
30) C163	1,2-Dibromoethane	6.69	107	346	N.D.		
31) C210	4-Methyl-2-Pentano	5.99	43	818	N.D.		
32) C215	2-Hexanone	6.48	43	6065	N.D.		
33) C230	Toluene	6.03	91	7075	N.D.		
34) C235	Chlorobenzene	7.03	112	1109	N.D.		
35) C240	Ethylbenzene	7.07	91	2118	N.D.		
36) C246	m,p-Xylene	7.16	106	2840	N.D.		
37) C247	o-Xylene	7.45	106	1305	N.D.		
38) C245	Styrene	7.38	104	114	N.D.		
40) C225	1,1,2,2-Tetrachlor	7.82	83	351	N.D.		
42) C180	Bromoform	7.64	173	63	N.D.		
43) C260	1,3-Dichlorobenzen	8.65	146	6889	N.D.		
44) C267	1,4-Dichlorobenzen	8.71	146	5968	N.D.		
45) C249	1,2-Dichlorobenzen	8.99	146	7569	N.D.		

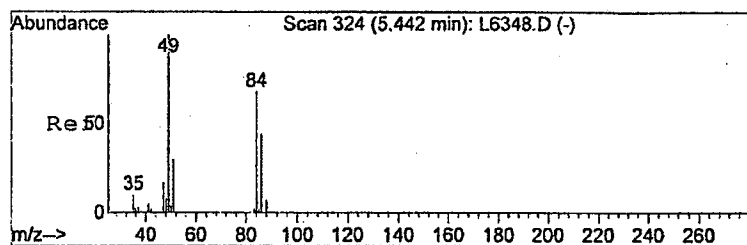
Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6591.D Vial: 4
Acq On : 30 Oct 2006 22:52 Operator: RJ
Sample : VBLK96 Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 23:05:14 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 22:15:58 2006
Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

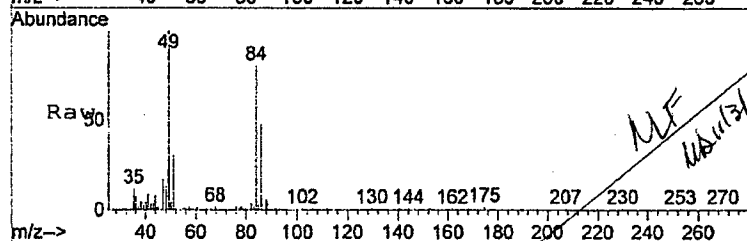
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
46) C286 1,2-Dibromo-3-Chlo	9.59	75	354	N.D.			
47) C313 1,2,4-Trichlorobenze	10.20	180	16285	1.40	ng	#	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

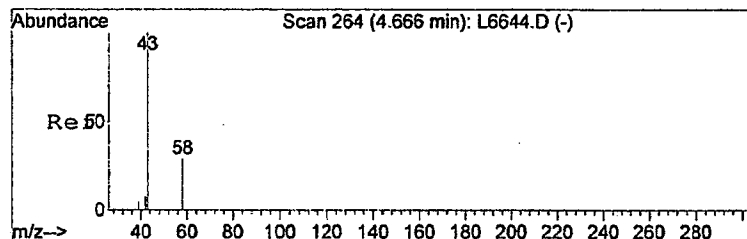
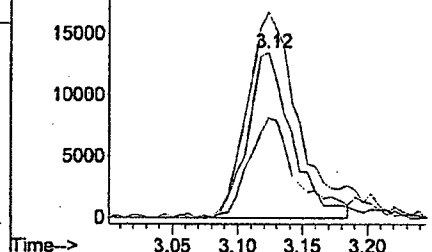
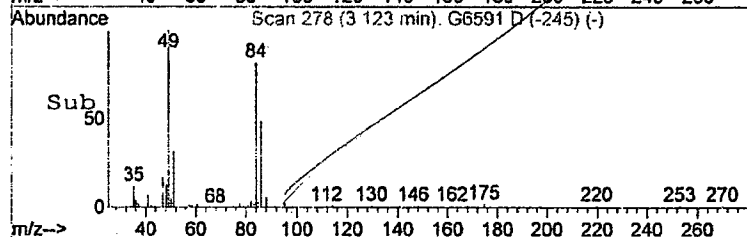


#6
C030 Methylene Chloride
Concen: 2.32 ng
RT: 3.12 min Scan# 278
Delta R.T. 0.00 min
Lab File: G6591.D
Acq: 30 Oct 2006 22:52

Tgt Ion: 84 Resp: 32444
Ion Ratio Lower Upper
84 100
49 124.1 126.2 166.2#
86 60.2 43.8 83.8

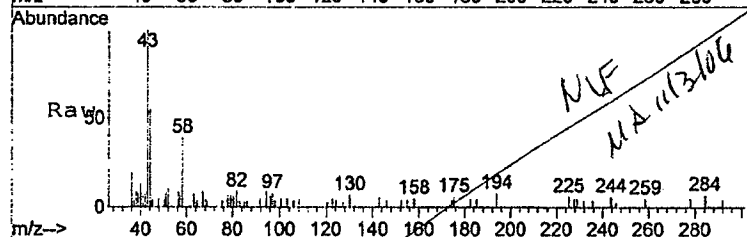


Abundance Ion 84.00 (83.70 to 84.70): G6591.D
Ion 49.00 (48.70 to 49.70): G6591.D
Ion 86.00 (85.70 to 86.70): G6591.D

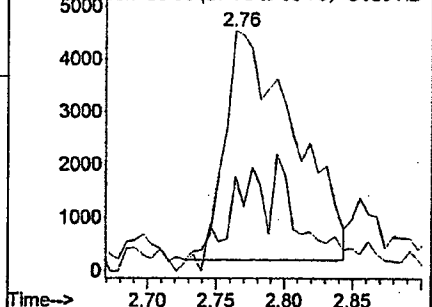
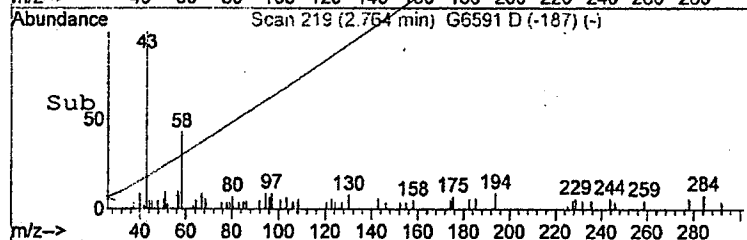


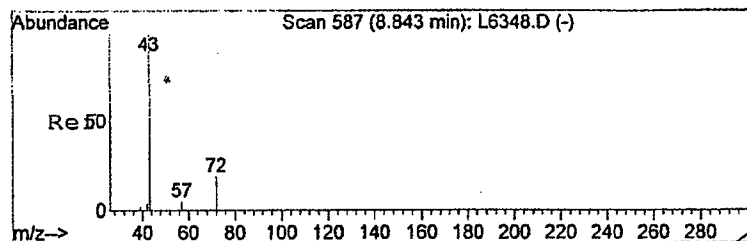
#7
C035 Acetone
Concen: 2.97 ng
RT: 2.76 min Scan# 219
Delta R.T. -0.01 min
Lab File: G6591.D
Acq: 30 Oct 2006 22:52

Tgt Ion: 43 Resp: 15218
Ion Ratio Lower Upper
43 100
58 39.2 8.6 48.6



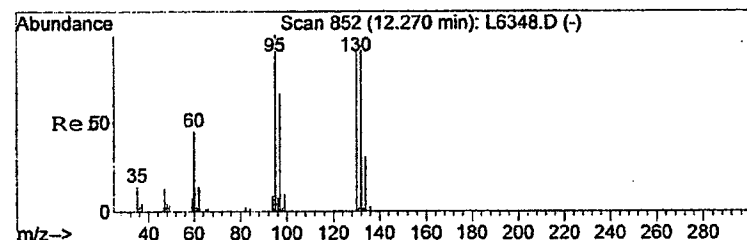
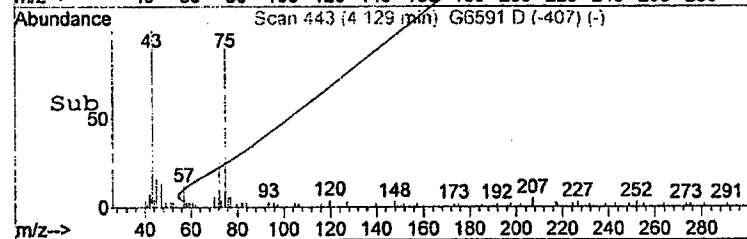
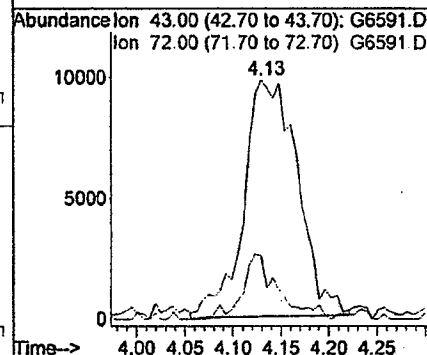
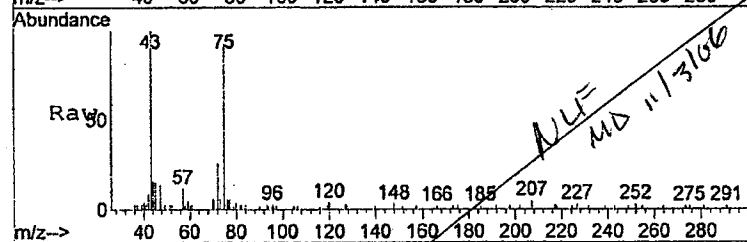
Abundance Ion 43.00 (42.70 to 43.70): G6591.D
Ion 58.00 (57.70 to 58.70): G6591.D





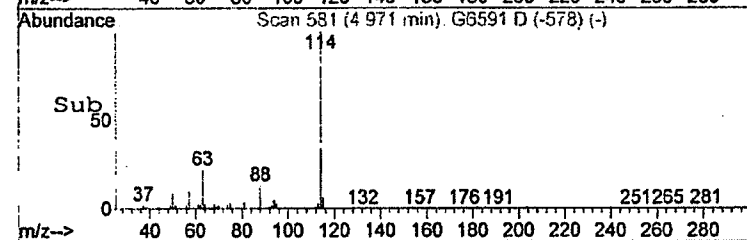
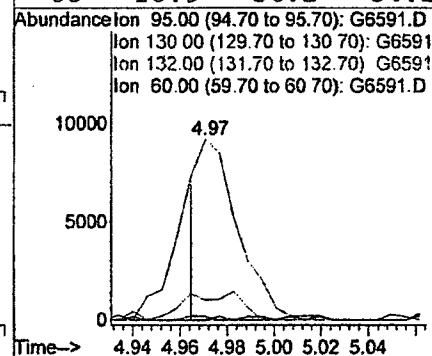
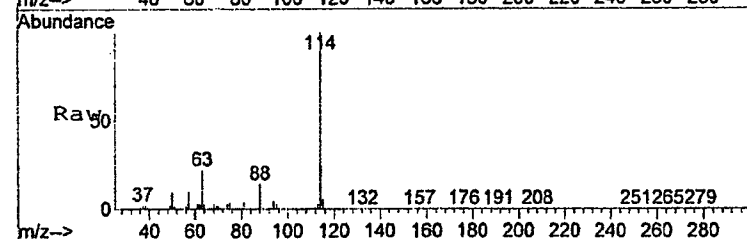
#17
 C110 2-Butanone
 Concen: 4.81 ng
 RT: 4.13 min Scan# 443
 Delta R.T. 0.02 min
 Lab File: G6591.D
 Acq: 30 Oct 2006 22:52

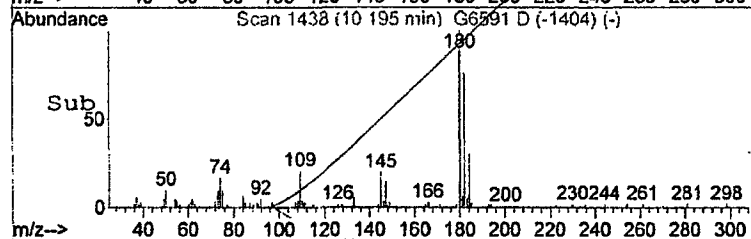
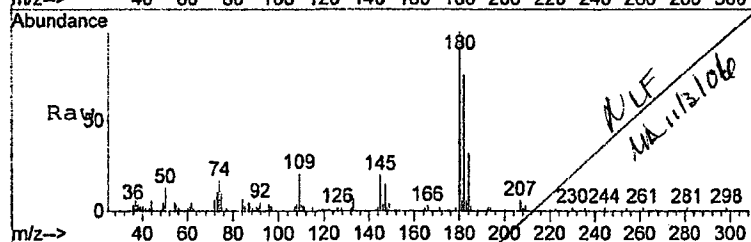
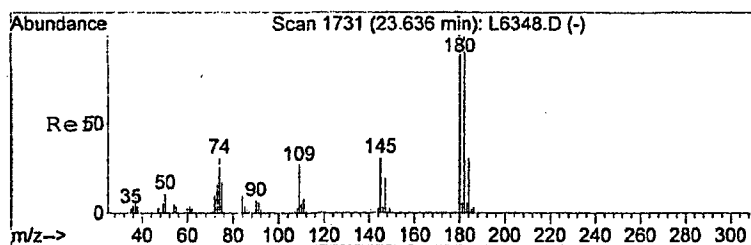
Tgt Ion: 43 Resp: 38296
 Ion Ratio Lower Upper
 43 100
 72 26.5 0.0 38.5



#21
 C150 Trichloroethene
 Concen: 1.17 ng
 RT: 4.97 min Scan# 581
 Delta R.T. -0.18 min
 Lab File: G6591.D
 Acq: 30 Oct 2006 22:52

Tgt Ion: 95 Resp: 10651
 Ion Ratio Lower Upper
 95 100
 130 0.0 76.7 115.1#
 132 1.8 75.3 112.9#
 60 10.9 36.2 54.2#





#47

C313 1,2,4-Trichlorobenzene

Concen: 1.40 ng

RT: 10.20 min Scan# 1438

Delta R.T. 0.01 min

Lab File: G6591.D

Acq: 30 Oct 2006 22:52

Tgt Ion: 180 Resp: 16285

Ion Ratio Lower Upper

180 100

182 75.9 79.1 119.1#

145 20.5 11.1 51.1

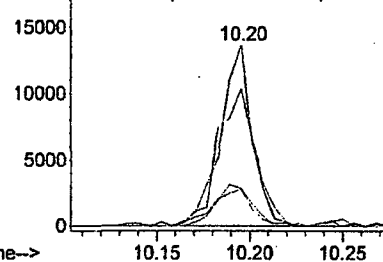
109 21.0 6.7 46.7

Abundance Ion 180.00 (179.70 to 180.70): G6591

Ion 182.00 (181.70 to 182.70): G6591

Ion 145.00 (144.70 to 145.70): G6591

Ion 109.00 (108.70 to 109.70): G6591



232/426

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

Volatile Holding Blk

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATERLab Sample ID: A6C51216Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6593.RRLevel: (low/med) LOWDate Samp/Recv: 10/25/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

Data File : D:\MSDCHEM\G\DATA\103006\G6593.D

Vial: 6

Acq On : 30 Oct 2006 23:43

Operator: RJ

Sample : A6C51216 HEADSPACE

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 31 08:10:49 2006

Results File: A6I0002079.RES

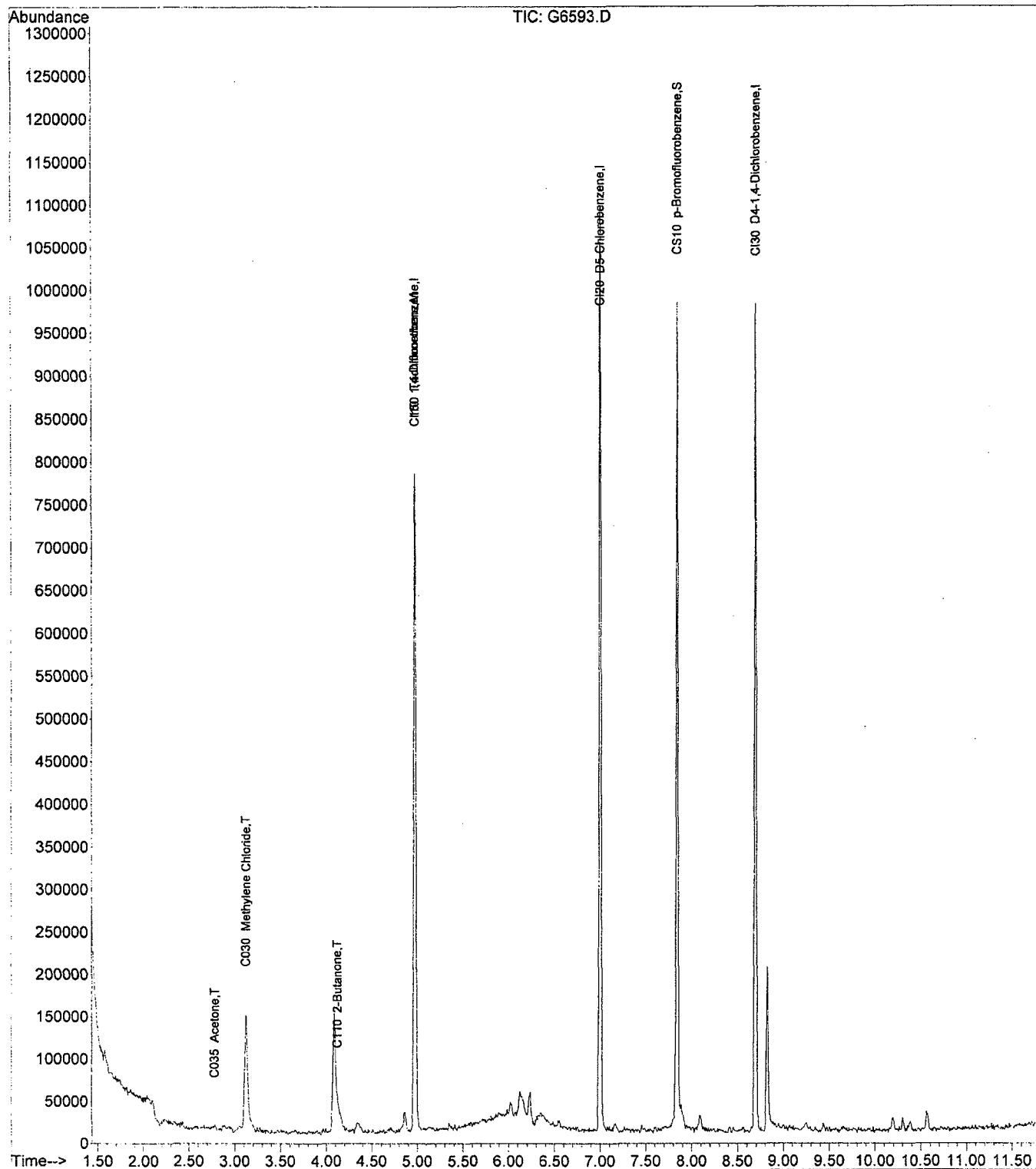
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 22:15:58 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\DATA\103006\G6589.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6593.D

Acq On : 30 Oct 2006 23:43

Sample : A6C51216 HEADSPACE

Misc :

MS Integration Params: RTEINT2.P

Quant Time: Oct 31 08:10:49 2006

Vial: 6

Operator: RJ

Inst : HP5973G

Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 22:15:58 2006

Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.97	114	574735	25.00 ng	0.00
							96.73%
18)	CI20	D5-Chlorobenzene	7.00	117	516123	25.00 ng	0.00
							90.51%
41)	CI30	D4-1,4-Dichlorobenze	8.70	152	239696	25.00 ng	0.00
							83.61%

System Monitoring Compounds

39)	CS10	p-Bromofluorobenzene	7.84	174	230910	23.31 ng	0.00
Spiked Amount		25.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

2)	C010	Chloromethane	1.51	50	2696	N.D.	
3)	C015	Bromomethane	1.84	94	240	N.D.	
4)	C020	Vinyl Chloride	1.60	62	562	N.D.	
5)	C025	Chloroethane	2.05	64	979	N.D.	
6)	C030	Methylene Chloride	3.12	84	80357	5.81 ng	92
7)	C035	Acetone	2.79	43	16340	3.21 ng	93
8)	C040	Carbon Disulfide	2.88	76	13600	N.D.	
9)	C045	1,1-Dichloroethene	2.68	96	159	N.D.	
10)	C050	1,1-Dichloroethane	3.79	63	317	N.D.	
11)	C057	trans-1,2-dichloro	3.35	96	185	N.D.	
12)	C056	cis-1,2-Dichloroet	4.11	96	312	N.D.	
13)	C125	Vinyl Acetate	3.98	43	1278	N.D.	
14)	C060	Chloroform	4.34	83	2083	N.D.	
15)	C222	Bromochloromethane	4.22	128	163	N.D.	
16)	C065	1,2-Dichloroethane	4.74	62	63	N.D.	
17)	C110	2-Butanone	4.13	43	29911	3.79 ng	76
19)	C115	1,1,1-Trichloroeth	4.40	97	104	N.D.	
20)	C120	Carbon Tetrachlori	4.58	117	76	N.D.	
21)	C150	Trichloroethene	4.97	95	9979	1.15 ng	13
22)	C130	Bromodichlorometha	5.52	83	122	N.D.	
23)	C140	1,2-Dichloropropan	5.31	63	96	N.D.	
24)	C145	cis-1,3-Dichloropr	5.79	75	436	N.D.	
25)	C165	Benzene	4.71	78	3323	N.D.	
26)	C155	Dibromochlorometha	6.67	129	75	N.D.	
27)	C170	trans-1,3-Dichloro	6.31	75	1140	N.D.	
28)	C160	1,1,2-Trichloroeth	6.32	97	861	N.D.	
29)	C220	Tetrachloroethene	6.42	166	496	N.D.	
30)	C163	1,2-Dibromoethane	6.69	107	60	N.D.	
31)	C210	4-Methyl-2-Pentano	5.90	43	1128	N.D.	
32)	C215	2-Hexanone	6.48	43	891	N.D.	
33)	C230	Toluene	6.03	91	9296	N.D.	
34)	C235	Chlorobenzene	7.01	112	421	N.D.	
35)	C240	Ethylbenzene	7.08	91	1732	N.D.	
36)	C246	m,p-Xylene	7.17	106	1884	N.D.	
37)	C247	o-Xylene	7.45	106	665	N.D.	
38)	C245	Styrene	7.46	104	477	N.D.	
40)	C225	1,1,2,2-Tetrachlor	7.85	83	475	N.D.	
42)	C180	Bromoform	7.58	173	112	N.D.	
43)	C260	1,3-Dichlorobenzen	8.65	146	688	N.D.	
44)	C267	1,4-Dichlorobenzen	8.72	146	797	N.D.	
45)	C249	1,2-Dichlorobenzen	8.99	146	781	N.D.	

Data File : D:\MSDCHEM\G\DATA\103006\G6593.D

Vial: 6

Acq On : 30 Oct 2006 23:43

Operator: RJ

Sample : A6C51216 HEADSPACE

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 31 08:10:49 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 22:15:58 2006

Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
--------------------	------	------	----------	------	-------	----------------------

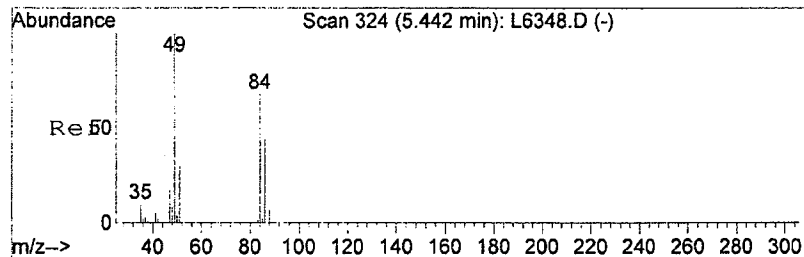
46) C286 1,2-Dibromo-3-Chlo	9.59	75	88	N.D.		
-----------------------------	------	----	----	------	--	--

47) C313 1,2,4-Trichloroben	10.20	180	5245	N.D.		
-----------------------------	-------	-----	------	------	--	--

(#) = qualifier out of range (m) = manual integration (+) = signals summed

A6I
11/6/00

236/426



#6

C030 Methylene Chloride

Concen: 5.81 ng

RT: 3.12 min Scan# 278

Delta R.T. 0.00 min

Lab File: G6593.D

Acq: 30 Oct 2006 23:43

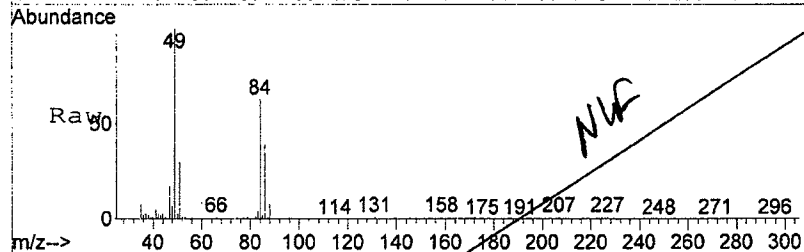
Tgt Ion: 84 Resp: 80357

Ion Ratio Lower Upper

84 100

49 159.3 126.2 166.2

86 62.2 43.8 83.8



Abundance

Ion 84.00 (83.70 to 84.70): G6593.D

Ion 49.00 (48.70 to 49.70): G6593.D

Ion 86.00 (85.70 to 86.70): G6593.D

60000

40000

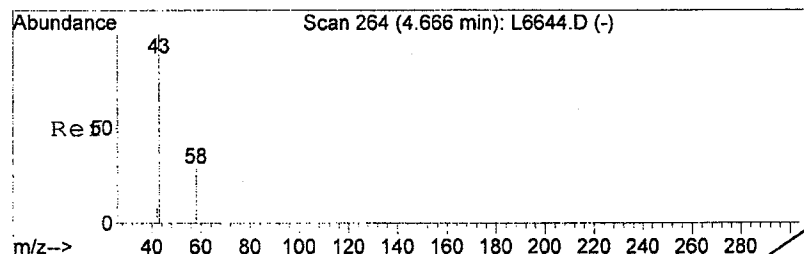
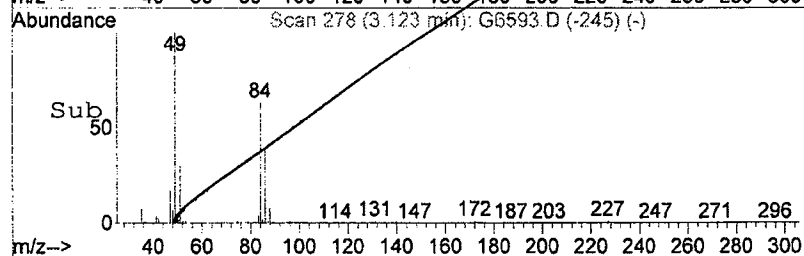
20000

0

Time-->

3.05 3.10 3.15 3.20 3.25

3.12



#7

C035 Acetone

Concen: 3.21 ng

RT: 2.79 min Scan# 223

Delta R.T. 0.02 min

Lab File: G6593.D

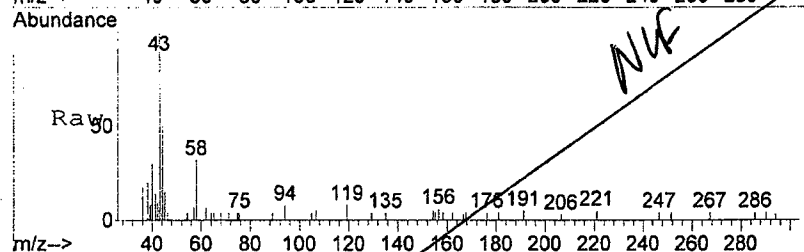
Acq: 30 Oct 2006 23:43

Tgt Ion: 43 Resp: 16340

Ion Ratio Lower Upper

43 100

58 32.1 8.6 48.6



Abundance

Ion 43.00 (42.70 to 43.70): G6593.D

Ion 58.00 (57.70 to 58.70): G6593.D

5000

4000

3000

2000

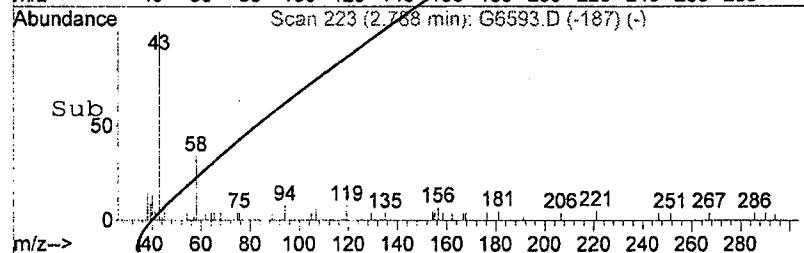
1000

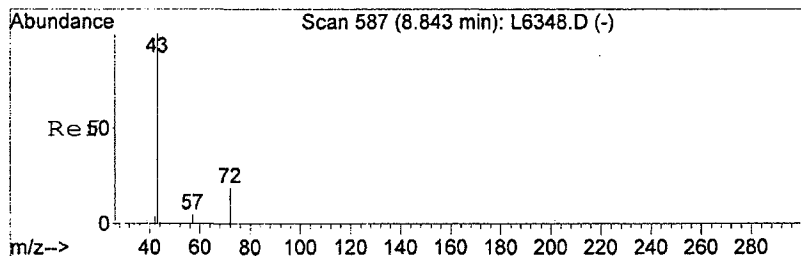
0

Time-->

2.70 2.75 2.80 2.85 2.90

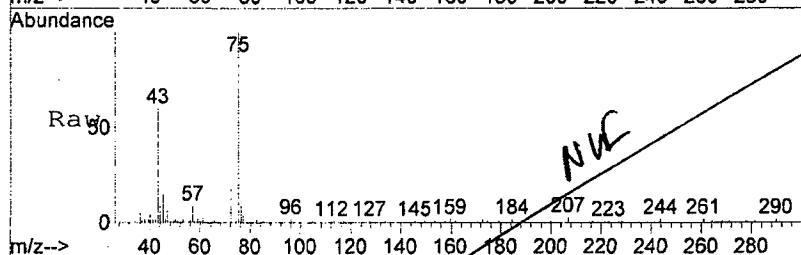
2.79



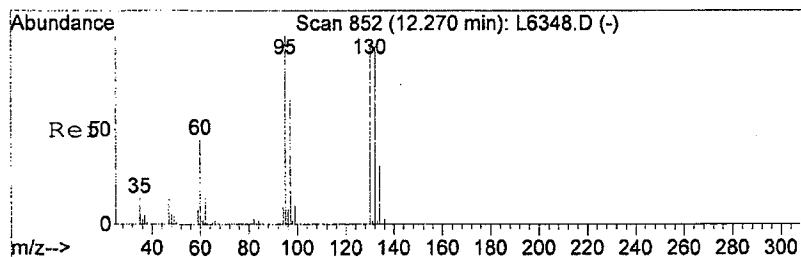
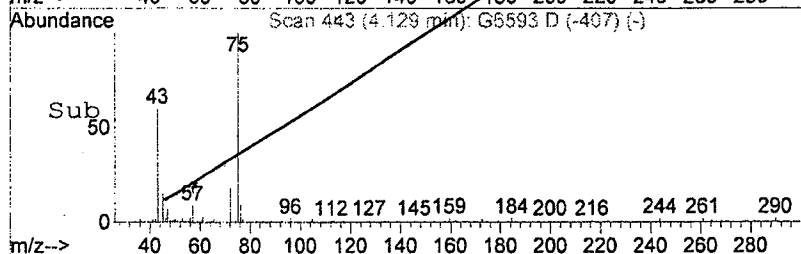
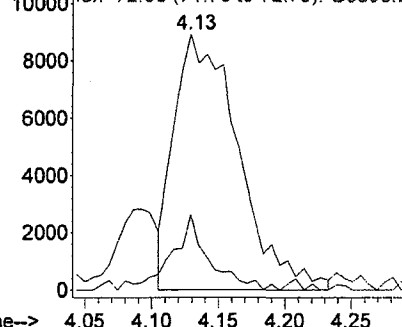


#17
 C110 2-Butanone
 Concen: 3.79 ng
 RT: 4.13 min Scan# 443
 Delta R.T. 0.02 min
 Lab File: G6593.D
 Acq: 30 Oct 2006 23:43

Tgt Ion: 43 Resp: 29911
 Ion Ratio Lower Upper
 43 100
 72 29.4 0.0 38.5

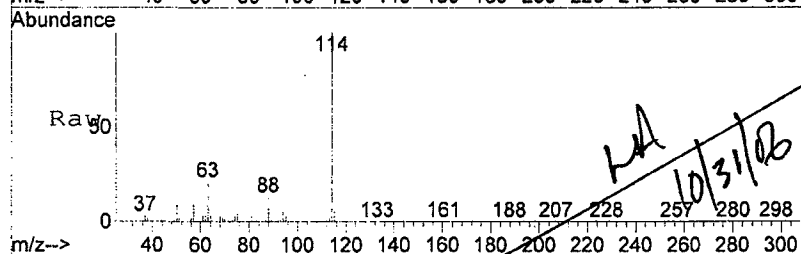


Abundance Ion 43.00 (42.70 to 43.70): G6593.D
 Ion 72.00 (71.70 to 72.70): G6593.D

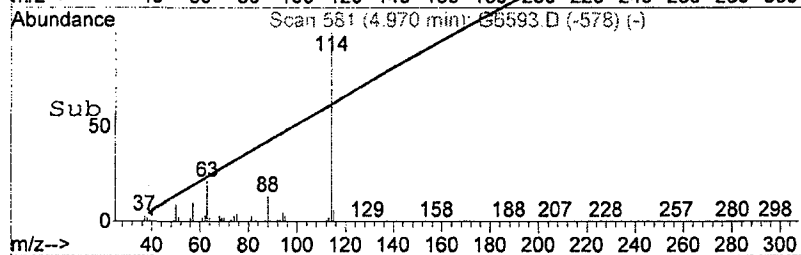
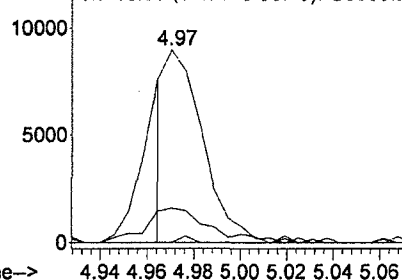


#21
 C150 Trichloroethene
 Concen: 1.15 ng
 RT: 4.97 min Scan# 581
 Delta R.T. -0.18 min
 Lab File: G6593.D
 Acq: 30 Oct 2006 23:43

Tgt Ion: 95 Resp: 9979
 Ion Ratio Lower Upper
 95 100
 130 0.0 76.7 115.1#
 132 0.0 75.3 112.9#
 60 17.5 36.2 54.2#



Abundance Ion 95.00 (94.70 to 95.70): G6593.D
 Ion 130.00 (129.70 to 130.70): G6593
 Ion 132.00 (131.70 to 132.70): G6593
 Ion 60.00 (59.70 to 60.70): G6593.D



238/426

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

LCS95

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6B2912201Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6560.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
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	
108-88-3-----	Toluene		5	
75-01-4-----	Vinyl chloride		5	

Quantitation Report

STL Buffalo

(Not Reviewed)

Data File : D:\MSDCHEM\G\Data\103006\G6560.D

Vial: 3

Acq On : 30 Oct 2006 9:53

Operator: LH

Sample : LCS

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 10:34:27 2006

Results File: A6I0002079.RES

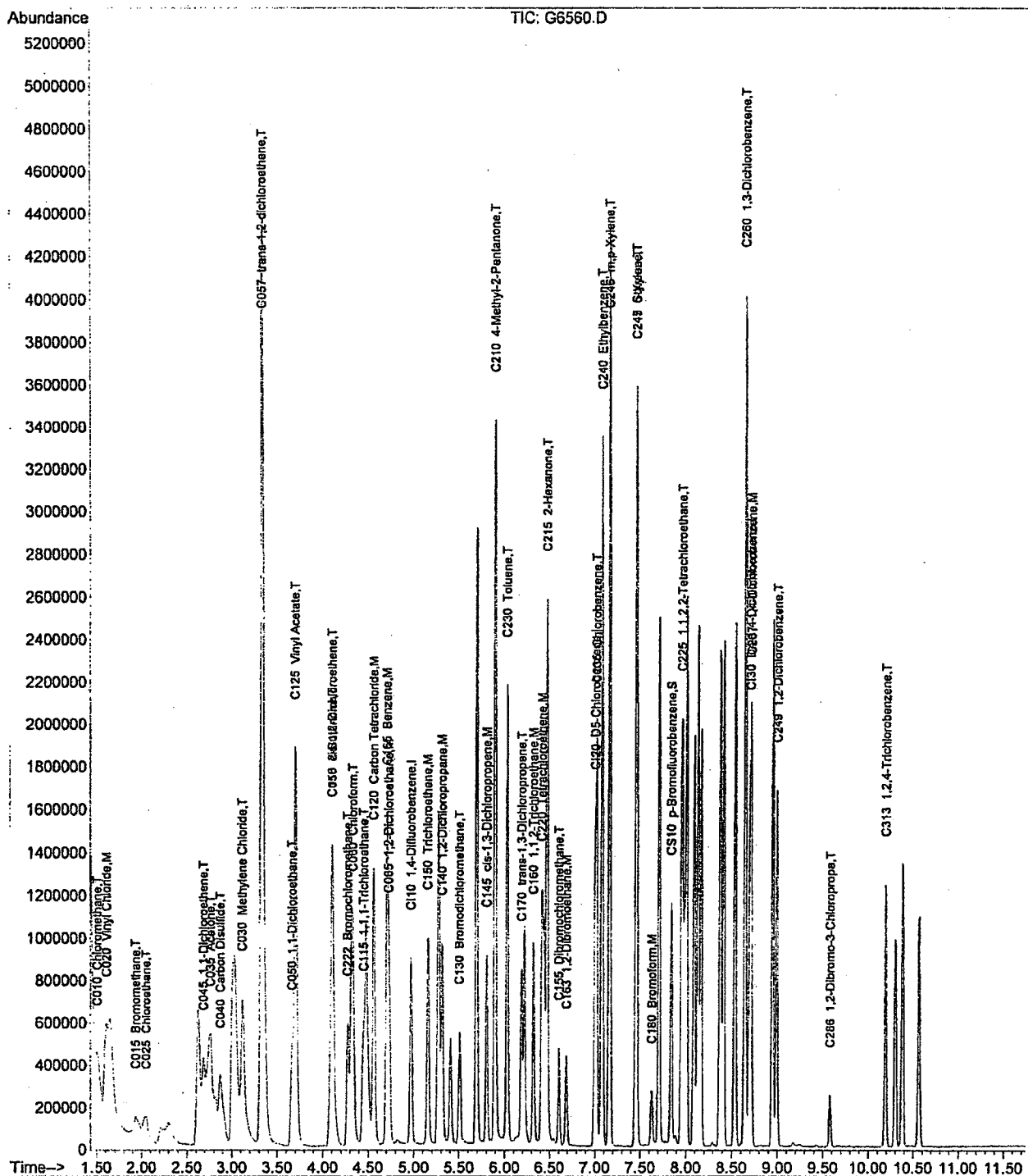
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\Data\103006\G6560.D
 Acq On : 30 Oct 2006 9:53
 Sample : LCS
 Misc :
 MS Integration Params: RTEINT2.P
 Quant Time: Oct 30 10:34:27 2006

Vial: 3
 Operator: LH
 Inst : HP5973G
 Multiplr: 1.00

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Mon Oct 30 10:34:17 2006
 Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
1) CI10 1,4-Difluorobenzene	4.97	114	656300	25.00	ng	0.00	
18) CI20 D5-Chlorobenzene	7.00	117	588696	25.00	ng	97.68%	✓
41) CI30 D4-1,4-Dichlorobenze	8.70	152	325515	25.00	ng	96.59%	✓
						0.00	✓
						84.58%	

System Monitoring Compounds
 39) CS10 p-Bromofluorobenzene 7.84 174 276497 25.81 ng 0.00 ✓
 Spiked Amount 25.000 Range 80 - 120 Recovery = 103.24% *MD*

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) C010 Chloromethane	1.51	50	305453	24.78	ng	99
3) C015 Bromomethane	1.93	94	106802	24.22	ng	90
4) C020 Vinyl Chloride	1.62	62	341205	24.67	ng	97
5) C025 Chloroethane	2.05	64	157816	25.00	ng	97
6) C030 Methylene Chloride	3.12	84	360371	25.05	ng	97
7) C035 Acetone	2.76	43	654449	117.27	ng	89
8) C040 Carbon Disulfide	2.87	76	741520	24.32	ng	100
9) C045 1,1-Dichloroethene	2.68	96	234791	24.58	ng	96
10) C050 1,1-Dichloroethane	3.66	63	571219	25.47	ng	96
11) C057 trans-1,2-dichloroet	3.33	96	296983	25.66	ng	96
12) C056 cis-1,2-Dichloroethe	4.10	96	319213	24.76	ng	95
13) C125 Vinyl Acetate	3.70	43	3043380	121.44	ng	100
14) C060 Chloroform	4.34	83	441630	25.16	ng	97
15) C222 Bromochloromethane	4.28	128	153174	25.16	ng	# 91
16) C065 1,2-Dichloroethane	4.73	62	412962	24.87	ng	94
17) C110 2-Butanone	4.11	43	1025615	118.64	ng	94
19) C115 1,1,1-Trichloroethan	4.45	97	324317	25.13	ng	96
20) C120 Carbon Tetrachloride	4.56	117	251267	24.34	ng	98
21) C150 Trichloroethene	5.15	95	279845	25.83	ng	86
22) C130 Bromodichloromethane	5.51	83	280771	24.90	ng	99
23) C140 1,2-Dichloropropane	5.31	63	339726	25.85	ng	92
24) C145 cis-1,3-Dichloroprop	5.81	75	390553	25.07	ng	98
25) C165 Benzene	4.71	78	1184872	25.20	ng	100
26) C155 Dibromochloromethane	6.60	129	201873	24.05	ng	89
27) C170 trans-1,3-Dichloropr	6.19	75	329513	24.86	ng	98
28) C160 1,1,2-Trichloroethan	6.32	97	259256	24.53	ng	100
29) C220 Tetrachloroethene	6.42	166	308000	25.39	ng	96
30) C163 1,2-Dibromoethane	6.69	107	268369	25.21	ng	96
31) C210 4-Methyl-2-Pentanone	5.90	43	2084274	120.08	ng	# 86
32) C215 2-Hexanone	6.47	43	1450480	117.21	ng	# 83
33) C230 Toluene	6.03	91	1303147	25.01	ng	96
34) C235 Chlorobenzene	7.02	112	842539	25.17	ng	99
35) C240 Ethylbenzene	7.08	91	1409447	25.02	ng	95
36) C246 m,p-Xylene	7.16	106	1186524	51.16	ng	93
37) C247 o-Xylene	7.45	106	563813	25.74	ng	95
38) C245 Styrene	7.46	104	933818	25.85	ng	# 23
40) C225 1,1,2,2-Tetrachloroe	7.95	83	353505	24.65	ng	98
42) C180 Bromoform	7.63	173	110578	26.97	ng	99
43) C260 1,3-Dichlorobenzene	8.65	146	671788	30.11	ng	96
44) C267 1,4-Dichlorobenzene	8.71	146	679314	30.11	ng	92
45) C249 1,2-Dichlorobenzene	8.99	146	641611	30.17	ng	91

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\Data\103006\G6560.D Vial: 3
Acq On : 30 Oct 2006 9:53 Operator: LH
Sample : LCS Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 10:34:27 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 10:34:17 2006
Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	42261	26.90	ng	#	85
47) C313 1,2,4-Trichlorobenze	10.19	180	356186	30.57	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

242/426

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

msb96

Lab Name: STL Buffalo Contract: _____Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6B2918201Sample wt/vol: 5.00 (g/mL) MLLab File ID: G6590.RRLevel: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.18 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	
108-88-3-----	Toluene	5	
75-01-4-----	Vinyl chloride	4	

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6590.D

Vial: 3

Acq On : 30 Oct 2006 22:29

Operator: RJ

Sample : LCS

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 22:45:20 2006

Results File: A6I0002079.RES

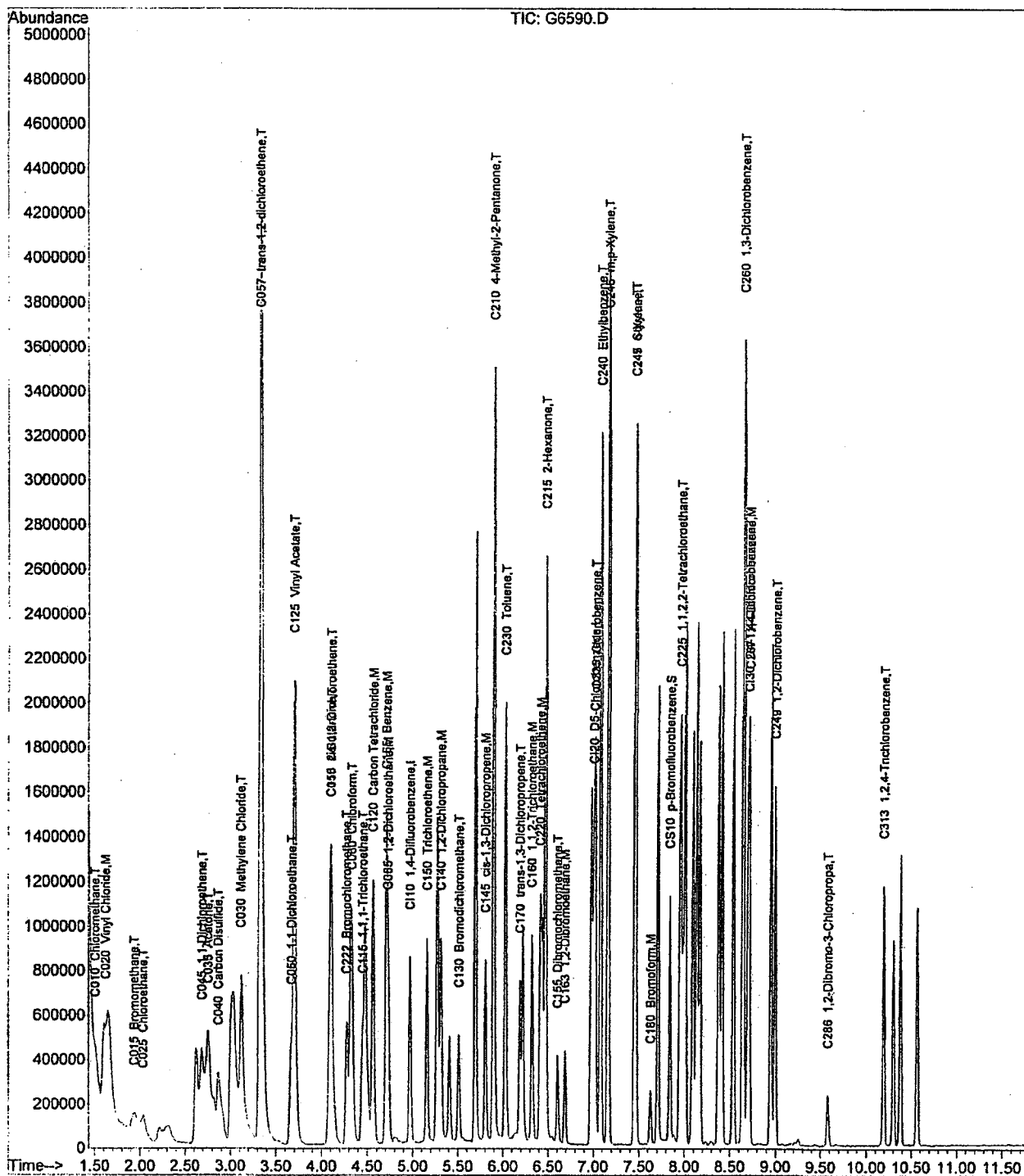
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 22:15:58 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\DATA\103006\G6589.D

DataAcq Meth : CLP



Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6590.D

Vial: 3

Acq On : 30 Oct 2006 22:29

Operator: RJ

Sample : LCS

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 22:45:20 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 22:15:58 2006

Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	625899	25.00	ng	0.00
18)	CI20 D5-Chlorobenzene	7.00	117	583009	25.00	ng	105.34%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	289985	25.00	ng	102.24%
							101.15%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 270599 24.18 ng 0.00
 Spiked Amount 25.000 Range 80 - 120 Recovery = 96.72%

Target Compounds

							Qvalue
2)	C010 Chloromethane	1.51	50	261879	23.03	ng	99
3)	C015 Bromomethane	1.94	94	104554	25.39	ng	96
4)	C020 Vinyl Chloride	1.62	62	295736	22.23	ng	100
5)	C025 Chloroethane	2.04	64	141337	23.20	ng	94
6)	C030 Methylene Chloride	3.12	84	391203	25.96	ng	97
7)	C035 Acetone	2.76	43	597391	107.83	ng	92
8)	C040 Carbon Disulfide	2.87	76	723159	25.29	ng	100
9)	C045 1,1-Dichloroethene	2.69	96	251576	28.65	ng	92
10)	C050 1,1-Dichloroethane	3.67	63	543796	24.90	ng	99
11)	C057 trans-1,2-dichloroet	3.33	96	287492	25.99	ng	95
12)	C056 cis-1,2-Dichloroethe	4.10	96	311126	25.60	ng	92
13)	C125 Vinyl Acetate	3.70	43	3371501	146.53	ng	99
14)	C060 Chloroform	4.34	83	420455	25.07	ng	97
15)	C222 Bromochloromethane	4.28	128	149386	24.71	ng	# 89
16)	C065 1,2-Dichloroethane	4.73	62	395850	25.41	ng	90
17)	C110 2-Butanone	4.11	43	968082	112.55	ng	90
19)	C115 1,1,1-Trichloroethan	4.45	97	302292	25.77	ng	96
20)	C120 Carbon Tetrachloride	4.56	117	234790	26.18	ng	96
21)	C150 Trichloroethene	5.15	95	260106	26.57	ng	88
22)	C130 Bromodichloromethane	5.51	83	261944	25.14	ng	99
23)	C140 1,2-Dichloropropane	5.31	63	320174	25.73	ng	98
24)	C145 cis-1,3-Dichloroprop	5.81	75	365454	26.11	ng	96
25)	C165 Benzene	4.71	78	1127834	25.93	ng	100
26)	C155 Dibromochloromethane	6.60	129	186286	25.13	ng	100
27)	C170 trans-1,3-Dichloropr	6.19	75	301433	25.23	ng	97
28)	C160 1,1,2-Trichloroethan	6.32	97	251264	25.26	ng	98
29)	C220 Tetrachloroethene	6.42	166	283295	25.33	ng	99
30)	C163 1,2-Dibromoethane	6.69	107	255093	25.79	ng	100
31)	C210 4-Methyl-2-Pentanone	5.90	43	2088272	119.41	ng	# 85
32)	C215 2-Hexanone	6.47	43	1484614	119.31	ng	# 82
33)	C230 Toluene	6.03	91	1243681	25.64	ng	96
34)	C235 Chlorobenzene	7.02	112	805437	25.43	ng	97
35)	C240 Ethylbenzene	7.08	91	1326994	25.39	ng	96
36)	C246 m,p-Xylene	7.16	106	1108457	51.00	ng	91
37)	C247 o-Xylene	7.45	106	533621	24.97	ng	92
38)	C245 Styrene	7.46	104	879470	25.13	ng	# 23
40)	C225 1,1,2,2-Tetrachloroe	7.95	83	357098	25.64	ng	98
42)	C180 Bromoform	7.63	173	98871	24.91	ng	98
43)	C260 1,3-Dichlorobenzene	8.65	146	646117	25.70	ng	97
44)	C267 1,4-Dichlorobenzene	8.71	146	642877	25.66	ng	91
45)	C249 1,2-Dichlorobenzene	8.99	146	609661	25.46	ng	92

Quantitation Report STL Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\G\DATA\103006\G6590.D Vial: 3
Acq On : 30 Oct 2006 22:29 Operator: RJ
Sample : LCS Inst : HP5973G
Misc : Multiplr: 1.00
MS Integration Params: RTEINT2.P
Quant Time: Oct 30 22:45:20 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
Title : HP5973N CLP LOW LEVEL WATER
Last Update : Mon Oct 30 22:15:58 2006
Response via : Single (D:\MSDCHEM\G\DATA\103006\G6589.D 30 Oct 2006 21:59)
DataAcq Meth : CLP
IS QA File : D:\MSDCHEM\G\DATA\103006\G6589.D (30 Oct 2006 21:59)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	38943	23.36	ng	#	77
47) C313 1,2,4-Trichlorobenze	10.19	180	350248	25.77	ng		90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

246/426

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) WATERLab Sample ID: A6C51210MSSample wt/vol: 5.00 (g/mL) MLLab File ID: G6573.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	6	
108-88-3-----	Toluene	5	
75-01-4-----	Vinyl chloride	5	

Data File : D:\MSDCHEM\G\DATA\103006\G6573.D

Vial: 16

Acq On : 30 Oct 2006 15:02

Operator: LH

Sample : A6C51210MS

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:49:06 2006

Results File: A6I0002079.RES

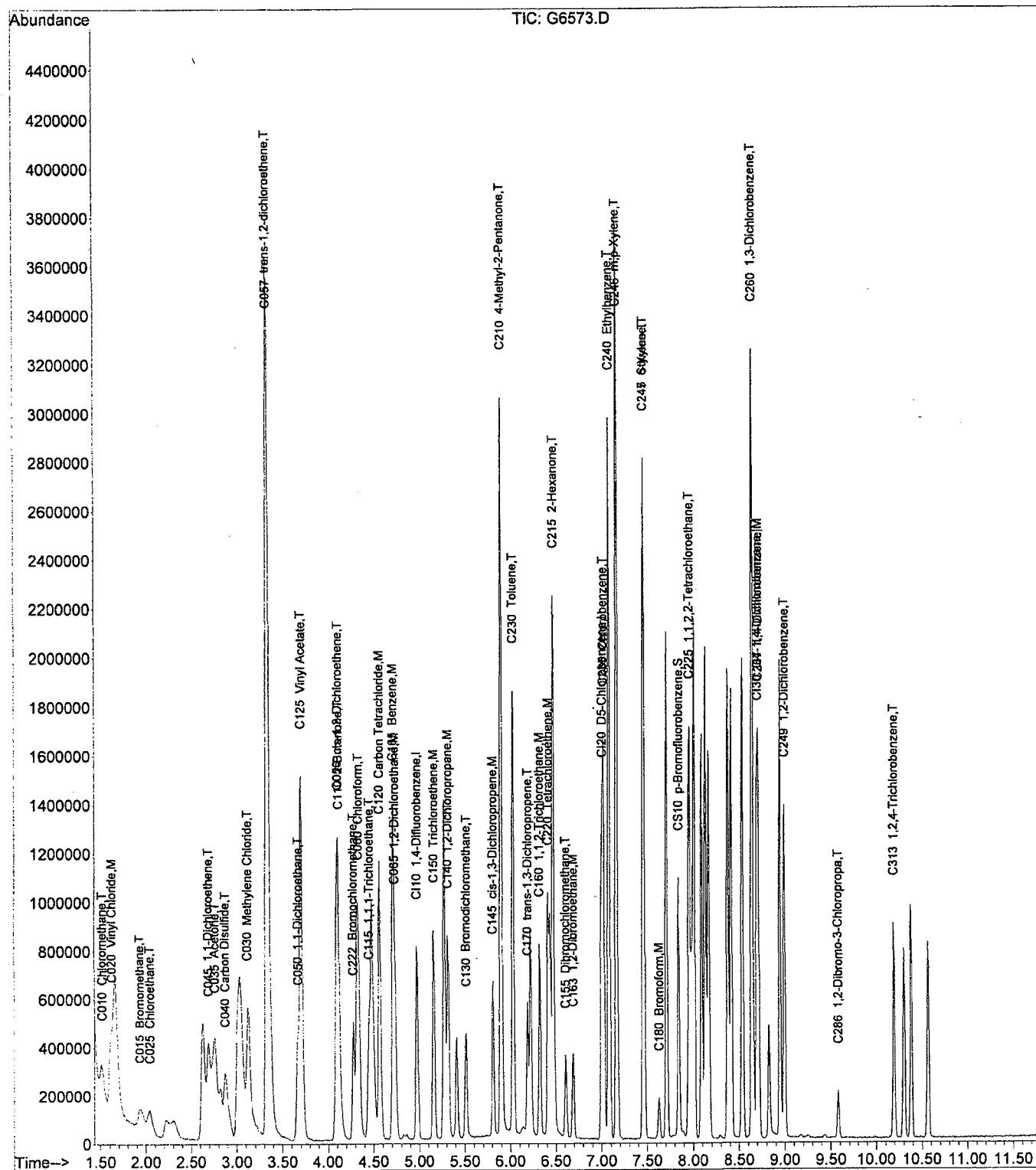
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6573.D
Acq On : 30 Oct 2006 15:02
Sample : A6C51210MS
Misc :

Vial: 16
Operator: LH
Inst : HP5973G
Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:49:06 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.97	114	583586	25.00 ng	0.00
							86.85%
18)	CI20	D5-Chlorobenzene	7.00	117	533806	25.00 ng	0.00
							87.59%
41)	CI30	D4-1,4-Dichlorobenze	8.70	152	274582	25.00 ng	0.00
							71.35%

System Monitoring Compounds

39) CS10 p-Bromofluorobenzene 7.84 174 263740 27.15 ng 0.00
Spiked Amount 25.000 Range 80 - 120 Recovery = 108.60%

Target Compounds

							Qvalue
2)	C010	Chloromethane	1.52	50	287402	26.22 ng	99
3)	C015	Bromomethane	1.94	94	113516	28.95 ng	86
4)	C020	Vinyl Chloride	1.62	62	329323	26.77 ng	99
5)	C025	Chloroethane	2.04	64	158679	28.27 ng	93
6)	C030	Methylene Chloride	3.12	84	262565	20.52 ng	93
7)	C035	Acetone	2.77	43	511936	103.17 ng	89
8)	C040	Carbon Disulfide	2.87	76	572051	21.10 ng	100
9)	C045	1,1-Dichloroethene	2.69	96	206736	24.34 ng	96
10)	C050	1,1-Dichloroethane	3.67	63	498609	25.00 ng	97
11)	C057	trans-1,2-dichloroet	3.34	96	257802	25.05 ng	96
12)	C056	cis-1,2-Dichloroethe	4.10	96	281238	24.53 ng	96
13)	C125	Vinyl Acetate	3.70	43	2389889	107.25 ng	99
14)	C060	Chloroform	4.34	83	396240	25.38 ng	97
15)	C222	Bromochloromethane	4.28	128	130165	24.04 ng	# 84
16)	C065	1,2-Dichloroethane	4.73	62	358667	24.29 ng	93
17)	C110	2-Butanone	4.12	43	861036	112.01 ng	91
19)	C115	1,1,1-Trichloroethan	4.45	97	286806	24.51 ng	95
20)	C120	Carbon Tetrachloride	4.56	117	220998	23.60 ng	93
21)	C150	Trichloroethene	5.15	95	240621	24.49 ng	88
22)	C130	Bromodichloromethane	5.51	83	238443	23.32 ng	100
23)	C140	1,2-Dichloropropane	5.31	63	289706	24.31 ng	99
24)	C145	cis-1,3-Dichloroprop	5.81	75	288738	20.44 ng	92
25)	C165	Benzene	4.71	78	1059315	24.85 ng	100
26)	C155	Dibromochloromethane	6.60	129	153156	20.12 ng	99
27)	C170	trans-1,3-Dichloropr	6.19	75	226695	18.86 ng	100
28)	C160	1,1,2-Trichloroethan	6.32	97	217511	22.70 ng	99
29)	C220	Tetrachloroethene	6.41	166	265608	24.15 ng	96
30)	C163	1,2-Dibromoethane	6.69	107	222974	23.10 ng	96
31)	C210	4-Methyl-2-Pentanone	5.90	43	1807794	114.86 ng	# 86
32)	C215	2-Hexanone	6.47	43	1261859	112.45 ng	# 83
33)	C230	Toluene	6.03	91	1115217	23.60 ng	98
34)	C235	Chlorobenzene	7.02	112	730904	24.08 ng	98
35)	C240	Ethylbenzene	7.08	91	1207302	23.63 ng	98
36)	C246	m,p-Xylene	7.16	106	1005789	47.82 ng	92
37)	C247	o-Xylene	7.45	106	484128	24.38 ng	89
38)	C245	Styrene	7.46	104	658133	20.09 ng	# 23
40)	C225	1,1,2,2-Tetrachloroe	7.95	83	302119	23.23 ng	99
42)	C180	Bromoform	7.63	173	72133	20.85 ng	98
43)	C260	1,3-Dichlorobenzene	8.65	146	550345	29.25 ng	97
44)	C267	1,4-Dichlorobenzene	8.71	146	545188	28.65 ng	91
45)	C249	1,2-Dichlorobenzene	8.99	146	517140	28.83 ng	91

Data File : D:\MSDCHEM\G\DATA\103006\G6573.D

Vial: 16

Acq On : 30 Oct 2006 15:02

Operator: LH

Sample : A6C51210MS

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:49:06 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	35141	26.52	ng	90
47) C313 1,2,4-Trichlorobenze	10.20	180	264816	26.95	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

APR
11/6/04

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

Client No.

ME-18

Lab Name: STL Buffalo

Contract: _____

Lab Code: REONY Case No.: _____ SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATERLab Sample ID: A6C51210SDSample wt/vol: 5.00 (g/mL) MLLab File ID: G6574.RRLevel: (low/med) LOWDate Samp/Recv: 10/24/2006 10/25/2006% Moisture: not dec. _____ Heated Purge: NDate Analyzed: 10/30/2006GC Column: DB-624 ID: 0.53 (mm)Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-55-6-----	1,1,1-Trichloroethane	4	
127-18-4-----	Tetrachloroethene	4	
75-34-3-----	1,1-Dichloroethane	4	
540-59-0-----	1,2-Dichloroethene (Total)	8	
79-01-6-----	Trichloroethene	4	
108-90-7-----	Chlorobenzene	4	
75-00-3-----	Chloroethane	5	
108-88-3-----	Toluene	4	
75-01-4-----	Vinyl chloride	5	

Data File : D:\MSDCHEM\G\DATA\103006\G6574.D

Vial: 17

Acq On : 30 Oct 2006 15:25

Operator: LH

Sample : A6C51210SD

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:49:44 2006

Results File: A6I0002079.RES

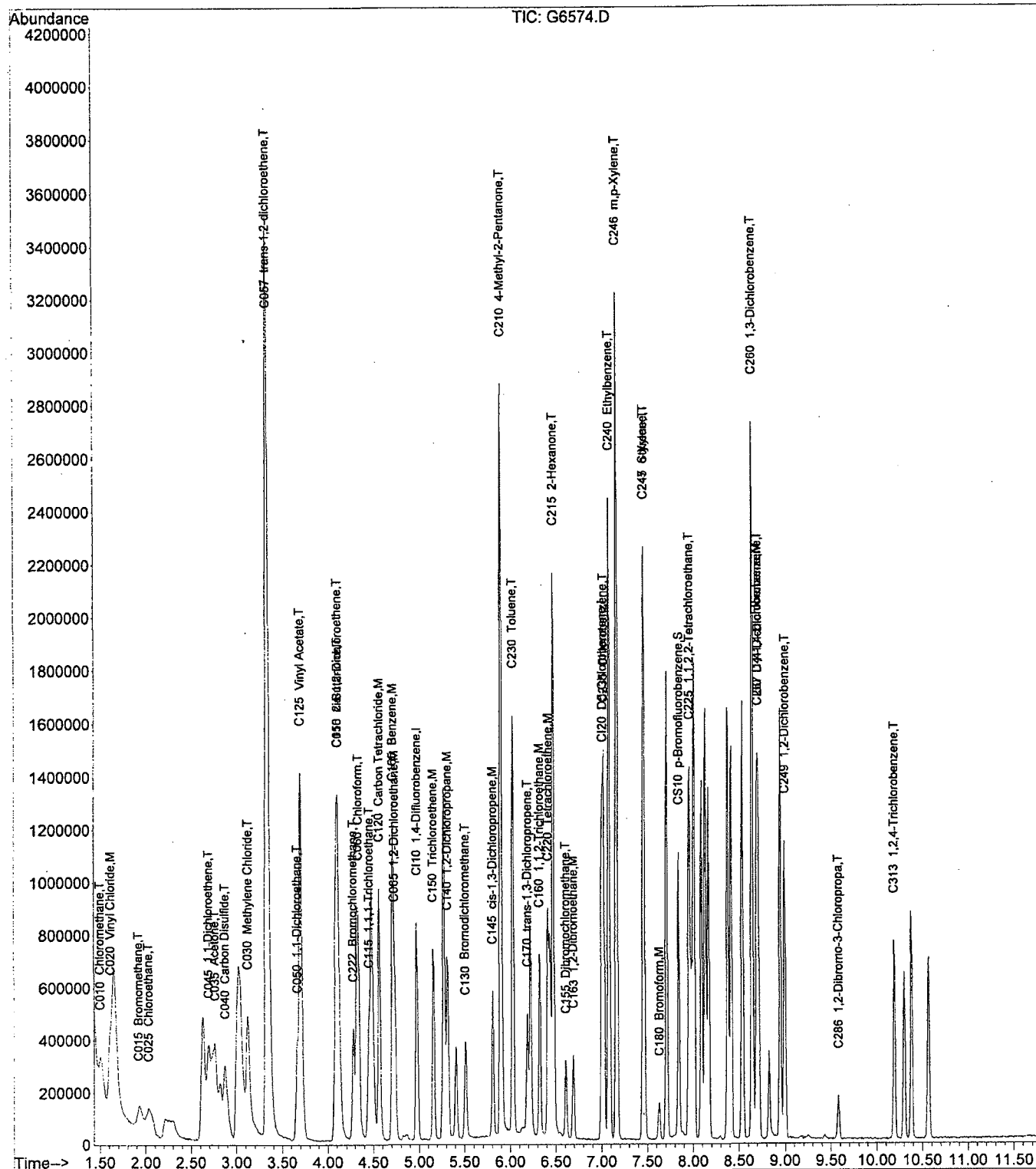
Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Continuing Cal File: D:\MSDCHEM\G\Data\103006\G6559.D

DataAcq Meth : CLP



Data File : D:\MSDCHEM\G\DATA\103006\G6574.D

Vial: 17

Acq On : 30 Oct 2006 15:25

Operator: LH

Sample : A6C51210SD

Inst : HP5973G

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT2.P

Quant Time: Oct 30 16:49:44 2006

Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)

Title : HP5973N CLP LOW LEVEL WATER

Last Update : Mon Oct 30 10:34:17 2006

Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)

DataAcq Meth : CLP

IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

*SHE 10/30/06
by JHCS*

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev (Min)
							Rcv (Ar)
1)	CI10 1,4-Difluorobenzene	4.97	114	610911	25.00	ng	0.00
							90.92%
18)	CI20 D5-Chlorobenzene	7.00	117	559771	25.00	ng	0.00
							91.85%
41)	CI30 D4-1,4-Dichlorobenze	8.70	152	272055	25.00	ng	0.00
							70.69%

System Monitoring Compounds

39)	CS10 p-Bromofluorobenzene	7.84	174	268598	26.37	ng	0.00
	Spiked Amount	25.000	Range	80 - 120	Recovery	=	105.48%

Target Compounds

		R.T.	QIon	Response	Conc	Units	Qvalue
2)	C010 Chloromethane	1.50	50	277421	24.18	ng	97
3)	C015 Bromomethane	1.92	94	106216	25.88	ng	91
4)	C020 Vinyl Chloride	1.61	62	304538	23.65	ng	94
5)	C025 Chloroethane	2.03	64	145162	24.71	ng	98
6)	C030 Methylene Chloride	3.12	84	231570	17.29	ng	90
7)	C035 Acetone	2.77	43	489078	94.15	ng	88
8)	C040 Carbon Disulfide	2.87	76	563294	19.85	ng	100
9)	C045 1,1-Dichloroethene	2.70	96	175483	19.74	ng	94
10)	C050 1,1-Dichloroethane	3.67	63	433394	20.76	ng	96
11)	C057 trans-1,2-dichloroet	3.34	96	217318	20.17	ng	98
12)	C056 cis-1,2-Dichloroethe	4.10	96	239073	19.92	ng	90
13)	C125 Vinyl Acetate	3.70	43	2288910	98.12	ng	99
14)	C060 Chloroform	4.33	83	334307	20.46	ng	94
15)	C222 Bromochloromethane	4.28	128	115398	20.36	ng	# 90
16)	C065 1,2-Dichloroethane	4.73	62	305226	19.74	ng	90
17)	C110 2-Butanone	4.11	43	845696	105.09	ng	94
19)	C115 1,1,1-Trichloroethan	4.45	97	247941	20.21	ng	94
20)	C120 Carbon Tetrachloride	4.56	117	185538	18.90	ng	89
21)	C150 Trichloroethene	5.15	95	202256	19.63	ng	90
22)	C130 Bromodichloromethane	5.51	83	199571	18.62	ng	99
23)	C140 1,2-Dichloropropane	5.31	63	245872	19.68	ng	96
24)	C145 cis-1,3-Dichloroprop	5.81	75	245695	16.59	ng	99
25)	C165 Benzene	4.71	78	902548	20.19	ng	100
26)	C155 Dibromochloromethane	6.60	129	128654	16.12	ng	90
27)	C170 trans-1,3-Dichloropr	6.19	75	193628	15.36	ng	94
28)	C160 1,1,2-Trichloroethan	6.32	97	196173	19.52	ng	98
29)	C220 Tetrachloroethene	6.42	166	223053	19.34	ng	96
30)	C163 1,2-Dibromoethane	6.69	107	192449	19.01	ng	95
31)	C210 4-Methyl-2-Pentanone	5.90	43	1709886	103.60	ng	# 86
32)	C215 2-Hexanone	6.47	43	1183448	100.57	ng	# 81
33)	C230 Toluene	6.03	91	961172	19.40	ng	97
34)	C235 Chlorobenzene	7.02	112	628514	19.75	ng	98
35)	C240 Ethylbenzene	7.08	91	1023737	19.11	ng	95
36)	C246 m,p-Xylene	7.16	106	864284	39.19	ng	93
37)	C247 o-Xylene	7.45	106	409983	19.69	ng	89
38)	C245 Styrene	7.46	104	529947	15.43	ng	# 22
40)	C225 1,1,2,2-Tetrachloroe	7.95	83	256026	18.77	ng	95
42)	C180 Bromoform	7.63	173	60040	17.52	ng	98
43)	C260 1,3-Dichlorobenzene	8.65	146	464898	24.94	ng	94
44)	C267 1,4-Dichlorobenzene	8.71	146	460428	24.42	ng	94
45)	C249 1,2-Dichlorobenzene	8.99	146	431196	24.26	ng	90

Data File : D:\MSDCHEM\G\DATA\103006\G6574.D Vial: 17
 Acq On : 30 Oct 2006 15:25 Operator: LH
 Sample : A6C51210SD Inst : HP5973G
 Misc : Multiplr: 1.00
 MS Integration Params: RTEINT2.P
 Quant Time: Oct 30 16:49:44 2006 Results File: A6I0002079.RES

Quant Method : D:\MSDCHEM\G...\A6I0002079.M (RTE Integrator)
 Title : HP5973N CLP LOW LEVEL WATER
 Last Update : Mon Oct 30 10:34:17 2006
 Response via : Single (D:\MSDCHEM\G\Data\103006\G6559.D 30 Oct 2006 9:19)
 DataAcq Meth : CLP
 IS QA File : D:\MSDCHEM\G\Data\103006\G6559.D (30 Oct 2006 9:19)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
46) C286 1,2-Dibromo-3-Chloro	9.58	75	28367	21.60	ng	#	79
47) C313 1,2,4-Trichlorobenze	10.19	180	223207	22.92	ng		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

MSH
11/6/06

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS MIX #
10/26/06	2102	ZJ	G6395	10258F7302	—	1ml	—	—	WS1AG-5	—
			G6396	VST0001	QC	5ml	—	—	WS6CL-13, WS12CW-15, WS13HF-8	25% 52/43
			G6397	VST0001						
			G6398	VST0010						
			G6399	VST0025						
			G6400	VST0050						
			G6401	VST0100						
			G6402	IBIK						
			G6403	VST0001	QC					
			G6404	VST0001						
			G6405	10260F7361	QC	1ml	—	—	WS1AN-1	25% 52/43
			G6406	VST0025	ICAL	5ml	—	—	WS6CL-14, WS12CW-17, WS13HF-8	
			G6407	010						
			G6408	005						
			G6409	002						
			G6410	001						
			G6411	001						
			G6412	10260F7362	QC				WS1AN-1	
			G6413	VST0025					WS6CL-14, WS12CW-17, WS13HF-8	
			G6414	LF3					WS19CP-10, WS19CD-1	
			G6415	VB1L 85						
			G6416	VB1L 86						
			G6417	AGC19501	Q195					
			G6418	02						
			G6419	03						
			G6420	04						
			G6421	05						
			G6422	06FD						
			G6423	06						

Reviewed By

000066 NO.

Pg

GCMS VOLATILE INJECTION LOG

[illegible]

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GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL	EXT. WHT.	D.F.	STANDARD MIX #	IS
10/25/02	1219	PS	66540	AGC27506SD	C275	5ml		1		355
	1242		66541	07				1		
	1305		66542	07 PD				1		
	1327		66543	08				1		
	1350		66544	BLK				1		
			66545	AGC27418DL LFB	C274			100	WS19CP-WS19CO-4	
	1436		66546	19DL AGC27506SD	C275			200	40	
	1459		66547	20DL				1100	40	
	1522		66548	20DL				200	1100	
	1544		66549	IBIK				1		
	1607		66550	AGC27418DL	C274			100	1	
	1630		66551	AGC27418DL	C274			200	100	
	1653		66552	20DL				1100	200	
	1715		66553	20DL				1100		
	1738		66554	IBIK				1		
	1801		66555	AGC27506SD	C275			200		
	1824		66556	02				40		
	1846		66557	03				200		
10/26/02	0818	PS	66558	1030BAG61		5ml		7	WS1AH-1	150
	0919		66559	V9MMMS				7	WS6CL-18WS12CW-20WS13H4-3	
	0950		66560	LCS				7	WS19CP-8WS19CO-4	
	1029		66561	VBK695				7		
	1052		66562	AGC27506SD	C275			1000		
	1115		66563	AGC51201	C512			1		
	1138		66564	02				1		
	1200		66565	03				1		
	1223		66566	04				1		
	1245		66567	05				1		
	1308		66568	06				1		

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GCMS VOLATILE INJECTION LOG

IS. #3 % REC.	IS. #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH<2	COMMENTS
84	98	7	7	7			X	
77	97						X	
76	94						X	
77	94						X	
74	93						X	
80	99						X	NOT NEEDED
76	96						X	
74	93						X	
73	96						X	
75	96						X	
73	94						X	
72	94						X	
72	94						X	
70	91						X	DP 620
72	94						X	
69	95						X	
68	98						X	PASS
85								LOWCUP (AGT...2079)
98	97	85	103	7	7			
91	93	65	99					
93	88	68	99				X	
88	90	68	104				X	
88	90	69	100				X	
88	90	67	103				X	
88	90	67	101				X	
86	86	64	98				X	
85	86	63	97				X	

GCMS VOLATILE INJECTION LOG

DATE	TIME	ANALYST	FILE #	SAMPLE ID	JOB #	INJ. VOL.	EXT. WHT.	D.F.	STANDARD MIX #	I.S. / SS NO.	AUT
10/20/06	1331	JA	G6569	A6C512-07	0512	5 mL	7	1	7	1513A	
	1351		G6570	08							
	1416		G6571	09							
	1439		G6572	10							
	1502		G6573	10MS							
	1535		G6574	10SD							
	1548		G6575	10ML							
	1610		G6576	11							
	1633		G6577	12							
	1656		G6578	13							
	1719		G6579	14							
	1741		G6580	15							
	1805		G6581	16							
	1827		G6582	17							
	1852	TS	G6583	A6C27411 DL	0274			50			
	1918		G6584	A6C512-14 B	0512						
	1941		G6585	A6C27411 DL	0274			8			
	2004		G6586	A6C512-15 B	0512						
10/20/06	2101	TS	G6587	1030BFB02		1 mL			WS1AH-1		
	2122		G6588	V570005	02	5 mL			WS6CL-18, WS1284-20, WS1314C-3	1513H	
	2159		G6589	V570005							
	2231		G6590	LCS					WS19CP-8, WS19CO-7		
	2252		G6591	VBK96							
	2321		G6592	A6C512-15C	0512						
	2343		G6593	16 H.S.							
10/31/06	0006		G6594	17 H.S.							

STL BUFFALO

Reviewed By

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GCMS VOLATILE INJECTION LOG

STANDARD MIX #	LS/SS	LS #1 % REC.	LS #2 % REC.	LS #3 % REC.	S.S. #1 % REC.	S.S. #2 % REC.	S.S. #3 % REC.	S.S. #4 % REC.	REANALYSIS?	pH-2	COMMENTS
1	1556H	85	80	63	99	—	—	—		X	
2		84	84	62	99					X	
3		83	85	63	100					X	
4		83	84	61	100					X	
5		87	88	71	109					X	
6		91	92	71	105					X	
7		85	86	64	103					X	
8		84	84	62	100					X	
9		86	85	61	99					X	
10		83	83	60.5	101					X	
11		81	80	59.7	102					X	ISV Kahoot
12		80	83	57	99					X	ISV Kahoot
13		82	82	57.8	100					X	ISV Kahoot
14		81	82	57.8	101					X	ISV Kahoot
15		83	85	62	97					X	ISV Kahoot
16		79	80	60.3	101					X	ISV Kahoot
17		84	84	61	97					X	ISV Kahoot
18		79	82	59	98					X	ISV Kahoot
19											
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See next page

ASP00/8270 Semivolatiles

QC Summary

ASP 2000 - METHOD 8270 SELECT LIST
WATER SURROGATE RECOVERY

262/426

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

	Client Sample ID	Lab Sample ID	2FP %REC #	FBP %REC #	NBZ %REC #	PHL %REC #	TBP %REC #	TPH %REC #			TOT OUT
1	A-26S	A6C51201	28	88	82	19	87	71			0
2	A-27S	A6C51202	36	93	92	25	105	81			0
3	A-42S	A6C51203	4 *	98	98	1 *	21 *	84			3
4	A-43S	A6C51204	21	92	93	12	75	85			0
5	DG-1	A6C51205	40	86	84	32	106	82			0
6	Duplicate	A6C51206	38	86	83	29	100	83			0
7	ME-12	A6C51208	29	90	87	20	90	83			0
8	ME-14	A6C51209	44	90	87	34	103	81			0
9	ME-18	A6C51210	42	89	89	30	99	88			0
10	ME-18	A6C51210MS	42	95	90	32	101	93			0
11	ME-18	A6C51210SD	39	91	87	29	98	94			0
12	ME-19	A6C51211	17 *	90	87	10	69	88			1
13	MW-2	A6C51212	39	83	78	30	103	88			0
14	MW-20	A6C51213	38	82	80	30	102	84			0
15	MW-8	A6C51214	36	83	79	27	98	89			0
16	MW-9/10	A6C51215	37	80	74	29	102	89			0
17	SBLK94	A6B2881602	41	80	77	32	97	91			0
18	SMSB94	A6B2881601	46	91	89	36	105	98			0

QC LIMITS

2FP	=	2-Fluorophenol	(20-120)
FBP	=	2-Fluorobiphenyl	(44-120)
NBZ	=	Nitrobenzene-D5	(46-120)
PHL	=	Phenol-D5	(10-120)
TBP	=	2,4,6-Tribromophenol	(59-136)
TPH	=	p-Terphenyl-d14	(23-143)

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 BLANK RECOVERY

263/426

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6B2881602

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix Spike - Client Sample No.: SBLK94

COMPOUND	SPIKE ADDED UG/L	MSB CONCENTRATION UG/L	MSB % REC #	QC LIMITS REC.
4-Methylphenol _____	100	77.7	78	39 - 120
Naphthalene _____	100	82.9	83	44 - 120
Phenol _____	100	45.0	45	7 - 120

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

Lab Name: STL Buffalo

Contract: _____

Lab Samp ID: A6C51210Lab 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.
4-Methylphenol_____	96.1	0	58.6	61	39 - 120
Naphthalene_____	96.1	0	87.2	91	44 - 120
Phenol_____	96.1	0	37.0	38	7 - 120

COMPOUND	SPIKE ADDED UG/L	MSD CONCENTRATION UG/L	MSD % REC #	% RPD #	QC LIMITS RPD REC.	
4-Methylphenol_____	96.1	53.5	56	8	24	39 - 120
Naphthalene_____	96.1	82.4	86	6	29	44 - 120
Phenol_____	96.1	33.8	35	8	34	7 - 120

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

* Values outside of QC limits

RPD: 0 out of 3 outside limitsSpike recovery: 0 out of 6 outside limits

Comments: _____

ASP 2000 - METHOD 8270 SELECT LIST
METHOD BLANK SUMMARY

265/426

Client No.

Lab Name: STL Buffalo

Contract: _____

SBLK94

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID: X12873.RR

Lab Sample ID: A6B2881602

Instrument ID: HP5973X

Date Extracted: 10/25/2006

Matrix: (soil/water) WATER

Date Analyzed: 10/31/2006

Level: (low/med) LOW

Time Analyzed: 10:04

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	A6C51201	X12913.RR	11/01/2006
2	A-27S	A6C51202	X12914.RR	11/01/2006
3	A-42S	A6C51203	X12915.RR	11/01/2006
4	A-43S	A6C51204	X12916.RR	11/01/2006
5	DG-1	A6C51205	X12917.RR	11/01/2006
6	Duplicate	A6C51206	X12918.RR	11/01/2006
7	ME-12	A6C51208	X12919.RR	11/01/2006
8	ME-14	A6C51209	X12920.RR	11/01/2006
9	ME-18	A6C51210	X12921.RR	11/01/2006
10	ME-18	A6C51210MS	X12922.RR	11/01/2006
11	ME-18	A6C51210SD	X12923.RR	11/01/2006
12	ME-19	A6C51211	X12924.RR	11/01/2006
13	MW-2	A6C51212	X12925.RR	11/01/2006
14	MW-20	A6C51213	X12926.RR	11/01/2006
15	MW-8	A6C51214	X12927.RR	11/01/2006
16	MW-9/10	A6C51215	X12944.RR	11/01/2006
17	SMSB94	A6B2881601	X12872.RR	10/31/2006

Comments: _____

SHAW E & I
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A6T0003399

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

Lab File ID: X12821 DFTPP Injection Date: 10/30/2006

Instrument ID: HP5973X DFTPP Injection Time: 09:32

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	50.8
68	Less than 2.0% of mass 69	0.4 (0.9) 1
69	Present	40.6
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	40.0 - 60.0% of mass 198	52.7
197	Less than 1.0% of mass 198	0.2
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	7.1
275	10.0 - 30.0% of mass 198	20.9
365	Greater than 1.00% of mass 198	2.3
441	Present, but less than mass 443	10.2
442	40.0 - 110.0% of mass 198	79.9
443	17.0 - 23.0% of mass 442	14.4 (18.0) 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	SSTD010	A6I0002089-1	X12822.RR	10/30/2006	10:19
2	SSTD050	A6I0002089-1	X12823.RR	10/30/2006	10:44
3	SSTD080	A6I0002089-1	X12824.RR	10/30/2006	11:09
4	SSTD120	A6I0002089-1	X12825.RR	10/30/2006	11:33
5	SSTD160	A6I0002089-1	X12826.RR	10/30/2006	11:58

SHAW E & I
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A6T0003418
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID: X12867 DFTPP Injection Date: 10/31/2006
 Instrument ID: HP5973X DFTPP Injection Time: 07:43

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	55.6
68	Less than 2.0% of mass 69	0.4 (0.9) 1
69	Present	44.9
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	40.0 - 60.0% of mass 198	53.0
197	Less than 1.0% of mass 198	0.3
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	22.1
365	Greater than 1.00% of mass 198	2.3
441	Present, but less than mass 443	9.8
442	40.0 - 110.0% of mass 198	78.9
443	17.0 - 23.0% of mass 442	15.5 (19.6) 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	SSTD050	A6C0006638-1	X12868.RR	10/31/2006	07:59
2	SMSB94	A6B2881601	X12872.RR	10/31/2006	09:39
3	SBLK94	A6B2881602	X12873.RR	10/31/2006	10:04

SHAW E & I
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A6T0003451
 Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
 Lab File ID: X12897 DFTPP Injection Date: 10/31/2006
 Instrument ID: HP5973X DFTPP Injection Time: 19:55

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	52.7
68	Less than 2.0% of mass 69	0.5 (1.2) 1
69	Present	43.5
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	40.0 - 60.0% of mass 198	53.0
197	Less than 1.0% of mass 198	0.3
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.4
275	10.0 - 30.0% of mass 198	22.2
365	Greater than 1.00% of mass 198	2.3
441	Present, but less than mass 443	11.8
442	40.0 - 110.0% of mass 198	81.7
443	17.0 - 23.0% of mass 442	15.9 (19.5) 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	A6C0006673-1	X12898.RR	10/31/2006	20:12
2	A-26S	A6C51201	X12913.RR	11/01/2006	02:24
3	A-27S	A6C51202	X12914.RR	11/01/2006	02:47
4	A-42S	A6C51203	X12915.RR	11/01/2006	03:10
5	A-43S	A6C51204	X12916.RR	11/01/2006	03:33
6	DG-1	A6C51205	X12917.RR	11/01/2006	03:56
7	Duplicate	A6C51206	X12918.RR	11/01/2006	04:19
8	ME-12	A6C51208	X12919.RR	11/01/2006	04:42
9	ME-14	A6C51209	X12920.RR	11/01/2006	05:05
10	ME-18	A6C51210	X12921.RR	11/01/2006	05:28
11	ME-18	A6C51210MS	X12922.RR	11/01/2006	05:51
12	ME-18	A6C51210SD	X12923.RR	11/01/2006	06:14
13	ME-19	A6C51211	X12924.RR	11/01/2006	06:37
14	MW-2	A6C51212	X12925.RR	11/01/2006	06:59
15	MW-20	A6C51213	X12926.RR	11/01/2006	07:22
16	MW-8	A6C51214	X12927.RR	11/01/2006	07:45

SHAW E & I
SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: STL Buffalo Contract: _____ Tune ID: A6T0003452

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

Lab File ID: X12929 DFTPP Injection Date: 11/01/2006

Instrument ID: HP5973X DFTPP Injection Time: 09:15

m/e	ION Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	59.4
68	Less than 2.0% of mass 69	0.6 (1.2) 1
69	Present	46.9
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	40.0 - 60.0% of mass 198	52.5
197	Less than 1.0% of mass 198	0.2
198	Base peak, 100% relative abundance	100.0
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 30.0% of mass 198	19.7
365	Greater than 1.00% of mass 198	2.5
441	Present, but less than mass 443	9.1
442	40.0 - 110.0% of mass 198	69.4
443	17.0 - 23.0% of mass 442	13.4 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

	Client Sample No.	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1	SSTD050	A6C0006674-1	X12930.RR	11/01/2006	09:34
2	MW-9/10	A6C51215	X12944.RR	11/01/2006	15:23

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

270/426

Lab Name: STL Buffalo

Contract: _____

Labsampid: A6C0006638

Lab Code: RECN

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID (Standard): X12868.RR

Date Analyzed: 10/31/2006

Instrument ID: HP5973X

Time Analyzed: 07:59

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		744089	11.06	1173270	15.69	346877	6.54
UPPER LIMIT		1488178	11.56	2346540	16.19	693754	7.04
LOWER LIMIT		372045	10.56	586635	15.19	173439	6.04
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====		=====		=====		=====	
1 SBLK94	A682881602	705234	11.06	1230717	15.69	321150	6.55
2 SMSB94	A682881601	679516	11.06	1116562	15.69	307395	6.54

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

271/426

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0006638
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Lab File ID (Standard): X12868.RR Date Analyzed: 10/31/2006
Instrument ID: HP5973X Time Analyzed: 07:59

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		1417934	8.43	1278888	13.06	1179425	16.94
UPPER LIMIT		2835868	8.93	2557776	13.56	2358850	17.44
LOWER LIMIT		708967	7.93	639444	12.56	589713	16.44
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====		=====		=====		=====	
1 SBLK94	A6B2881602	1347452	8.43	1247565	13.06	1227092	16.94
2 SMSB94	A6B2881601	1309636	8.44	1178422	13.06	1225857	16.94

AREA UNIT RT
QC LIMITS 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

272/426

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0006673

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

Lab File ID (Standard): X12898.RR Date Analyzed: 10/31/2006

Instrument ID: HP5973X Time Analyzed: 20:12

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
12 HOUR STD		729984	11.06	1227920	15.69	333546	6.54
UPPER LIMIT		1459968	11.56	2455840	16.19	667092	7.04
LOWER LIMIT		364992	10.56	613960	15.19	166773	6.04
CLIENT SAMPLE	Lab Sample ID						
1 A-26S	A6C51201	752178	11.06	1359584	15.69	345852	6.54
2 A-27S	A6C51202	723015	11.06	1335475	15.69	325387	6.55
3 A-42S	A6C51203	689539	11.06	1176016	15.69	312064	6.54
4 A-43S	A6C51204	691523	11.06	1204040	15.69	310403	6.54
5 DG-1	A6C51205	713847	11.06	1211173	15.69	327503	6.54
6 Duplicate	A6C51206	691029	11.06	1112009	15.69	316504	6.54
7 ME-12	A6C51208	696008	11.06	1266793	15.69	310176	6.54
8 ME-14	A6C51209	721854	11.06	1258789	15.69	328888	6.54
9 ME-18	A6C51210	698575	11.06	1220791	15.69	312803	6.55
10 ME-18	A6C51210MS	702562	11.06	1193023	15.69	320049	6.54
11 ME-18	A6C51210SD	762072	11.06	1263493	15.69	347816	6.54
12 ME-19	A6C51211	669514	11.06	1201639	15.69	298199	6.54
13 MW-2	A6C51212	727856	11.06	1319802	15.69	328464	6.54
14 MW-20	A6C51213	732474	11.06	1329375	15.69	329560	6.54
15 MW-8	A6C51214	710829	11.06	1257792	15.69	316683	6.54

AREA UNIT RT
QC LIMITS 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

273/426

Lab Name: STL Buffalo

Contract: _____

Labsampid: A6C0006673

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Lab File ID (Standard): X12898.RR

Date Analyzed: 10/31/2006

Instrument ID: HP5973X

Time Analyzed: 20:12

		IS4 (NPT)		IS5(PHN)		IS6 (PRY)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		1406608	8.43	1276253	13.06	1224876	16.94
UPPER LIMIT		2813216	8.93	2552506	13.56	2449752	17.44
LOWER LIMIT		703304	7.93	638127	12.56	612438	16.44
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====		=====		=====		=====	
1 A-26S	A6C51201	1451862	8.43	1337859	13.06	1391945	16.94
2 A-27S	A6C51202	1395182	8.43	1296053	13.06	1318361	16.94
3 A-42S	A6C51203	1338077	8.43	1224982	13.06	1224139	16.94
4 A-43S	A6C51204	1324309	8.43	1233831	13.06	1204200	16.94
5 DG-1	A6C51205	1371092	8.43	1250207	13.06	1224142	16.94
6 Duplicate	A6C51206	1331681	8.43	1189008	13.06	1127687	16.94
7 ME-12	A6C51208	1343283	8.43	1269453	13.06	1249345	16.94
8 ME-14	A6C51209	1397661	8.43	1281256	13.06	1282536	16.94
9 ME-18	A6C51210	1340646	8.43	1237720	13.06	1270802	16.94
10 ME-18	A6C51210MS	1369133	8.44	1235603	13.06	1290011	16.94
11 ME-18	A6C51210SD	1462962	8.44	1327577	13.06	1398393	16.95
12 ME-19	A6C51211	1295054	8.43	1199365	13.06	1253833	16.94
13 MW-2	A6C51212	1396369	8.43	1286015	13.06	1353410	16.94
14 MW-20	A6C51213	1402543	8.43	1289232	13.06	1368011	16.94
15 MW-8	A6C51214	1385273	8.43	1273173	13.06	1289533	16.94

AREA UNIT
QC LIMITS

RT
QC LIMITS

IS4 (NPT) = Naphthalene-D8
IS5 (PHN) = Phenanthrene-D10
IS6 (PRY) = Perylene-D12

(50-200) -0.50 / +0.50 min
(50-200) -0.50 / +0.50 min
(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

274/426

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0006674

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

Lab File ID (Standard): X12930.RR Date Analyzed: 11/01/2006

Instrument ID: HP5973X Time Analyzed: 09:34

		IS1 (ANT)		IS2 (CRY)		IS3 (DCB)	
		AREA	#	AREA	#	AREA	#
=====		=====		=====		=====	
12 HOUR STD		722957	11.06	1227985	15.69	329555	6.55
UPPER LIMIT		1445914	11.56	2455970	16.19	659110	7.05
LOWER LIMIT		361479	10.56	613993	15.19	164778	6.05
=====		=====		=====		=====	
CLIENT SAMPLE	Lab Sample ID						
=====		=====		=====		=====	
1 MW-9/10	A6C51215	705323	11.06	1255462	15.69	317497	6.54

AREA UNIT RT
QC LIMITS 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

275/426

Lab Name: STL Buffalo Contract: _____ Labsampid: A6C0006674
Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No.: _____
Lab File ID (Standard): X12930.RR Date Analyzed: 11/01/2006
Instrument ID: HP5973X Time Analyzed: 09:34

		IS4 (NPT) AREA #	RT #	IS5 (PHN) AREA #	RT #	IS6 (PRY) AREA #	RT #
=====	=====	=====	=====	=====	=====	=====	=====
12 HOUR STD		1392454	8.44	1229912	13.06	1273235	16.94
UPPER LIMIT		2784908	8.94	2459824	13.56	2546470	17.44
LOWER LIMIT		696227	7.94	614956	12.56	636618	16.44
=====	=====	=====	=====	=====	=====	=====	=====
CLIENT SAMPLE	Lab Sample ID						
=====	=====	=====	=====	=====	=====	=====	=====
1 MW-9/10	A6C51215	1359300	8.43	1253293	13.06	1367436	16.94

AREA UNIT RT
QC LIMITS 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

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

277/426

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: A6C51201

Sample wt/vol: 1035.0 (g/mL) ML

Lab File ID: X12913.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

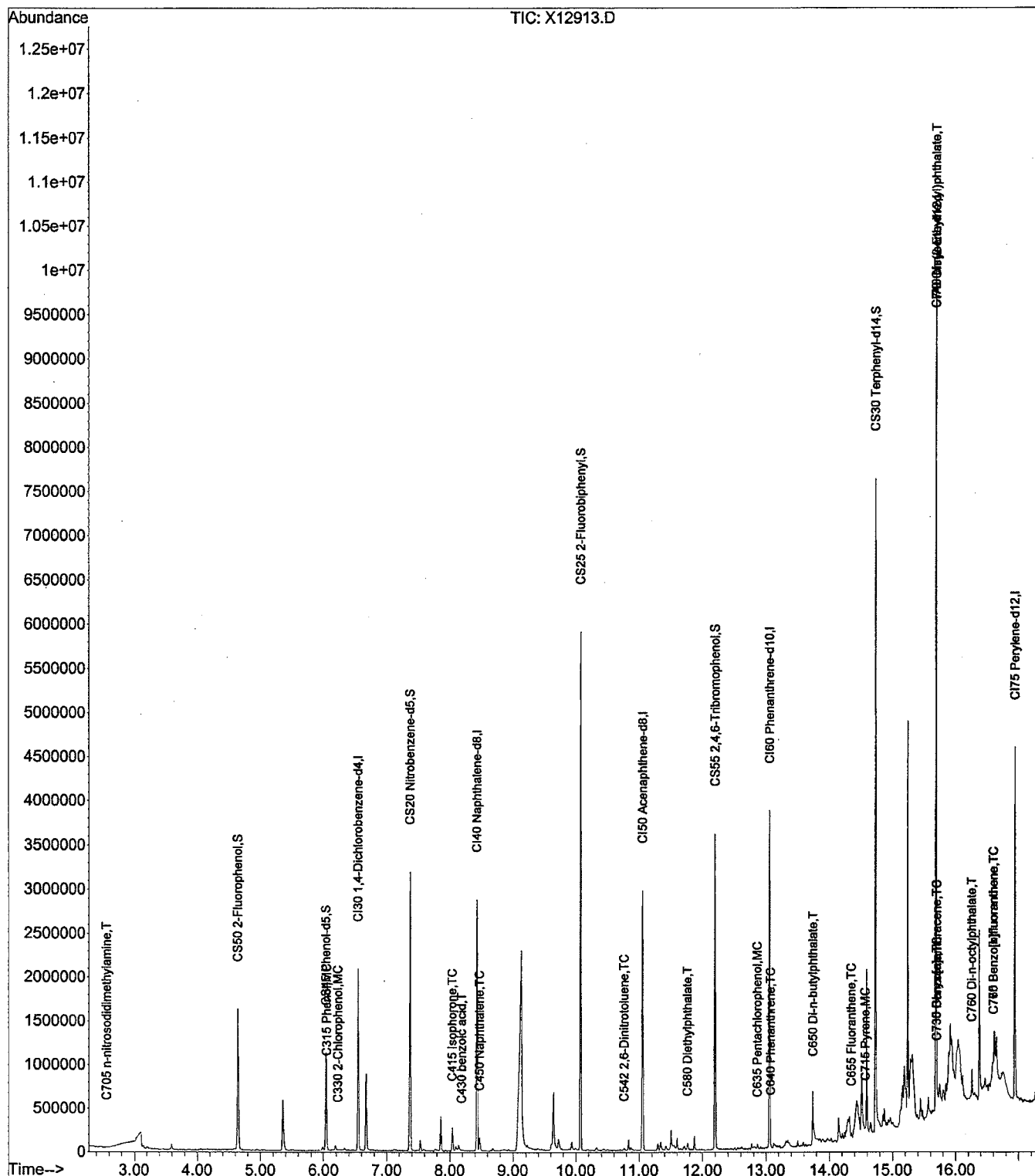
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		2	BJ

Data File : D:\DATA\103106\X12913.D
Acq On : 1 Nov 2006 2:24 am
Sample : A6C51201 AW60034313
Misc :
MS Integration Params: rteint.p

Vial: 47
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:10 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12913.D
Acq On : 1 Nov 2006 2:24 am
Sample : A6C51201 AW60034313
Misc :

Vial: 47
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:10 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	345852	40.00	ng	0.00 103.69%
20) CI40 Naphthalene-d8	8.43	136	1451862	40.00	ng	0.00 103.22%
35) CI50 Acenaphthene-d8	11.06	164	752178	40.00	ng	0.00 103.04%
56) CI60 Phenanthrene-d10	13.06	188	1337859	40.00	ng	0.00 104.83%
68) CI70 Chrysene-d12	15.69	240	1359584	40.00	ng	0.00 110.72%
78) CI75 Perylene-d12	16.94	264	1391945	40.00	ng	0.00 113.64%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	588929	41.96	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	27.97%		
5) CS45 Phenol-d5	6.04	99	502857	28.39	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	18.93%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	7.37	82	1150597	82.10	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	82.10%		
39) CS25 2-Fluorobiphenyl	10.07	172	2007184	87.90	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	87.90%		
59) CS55 2,4,6-Tribromophenol	12.20	330	346883	130.56	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	87.04%		
71) CS30 Terphenyl-d14	14.73	244	2018703	70.68	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	70.68%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.56	174	2188	0.27	ng	85
4) C325 bis(2-Chloroethyl)e	6.12	93	476	N.D.		
7) C315 Phenol	6.06	94	3919	0.21	ng	# 58
8) C330 2-Chlorophenol	6.23	128	2886	0.23	ng	87
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	6.57	146	196	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	6.78	108	1302	N.D.		
15) C360 bis(2-chloroisoprop	7.00	45	1112	N.D.		
16) C355 2-Methylphenol	7.02	108	191	N.D.		
17) C375 Hexachloroethane	7.36	117	200	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.19	108	204	N.D.		
22) C410 Nitrobenzene	7.40	77	225	N.D.		
23) C415 Isophorone	8.04	182	19535	0.76	ng	75
24) C430 benzoic acid	8.18	122	208	138.87	ng	# 77
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	7.98	107	167	N.D.		
27) C435 bis(2-Chloroethoxy)	8.17	93	169	N.D.		
28) C440 2,4-Dichlorophenol	8.25	162	634	N.D.		

Data File : D:\DATA\103106\X12913.D
Acq On : 1 Nov 2006 2:24 am
Sample : A6C51201 AW60034313
Misc :

Vial: 47
Operator: PM
Inst : HP5973X
Multiplr: 1.00

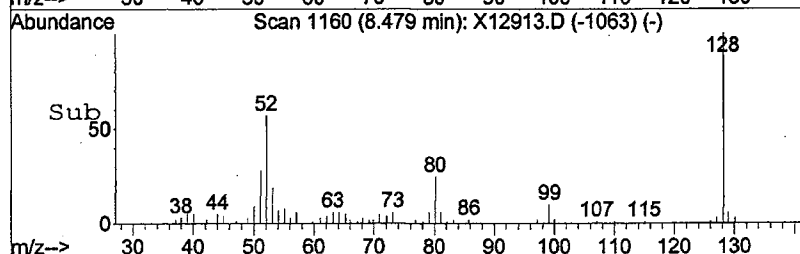
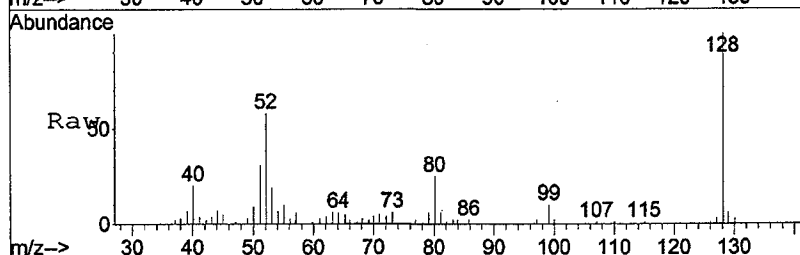
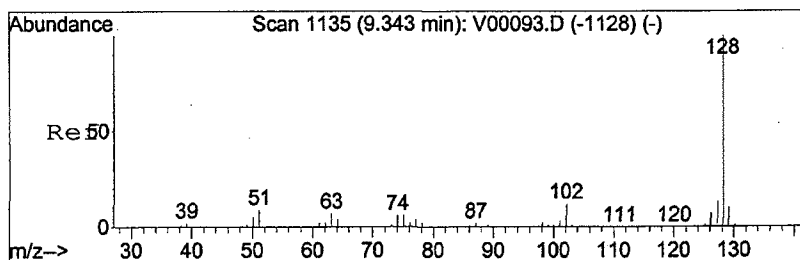
MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:10 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)	
							Rcv(Ar)	
29)	C445 1,2,4-Trichlorobenz	8.67	180	203	N.D.			
30)	C450 Naphthalene	8.48	128	58024	1.63 ng			80
31)	C455 4-Chloroaniline	8.69	127	187	N.D.			
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33)	C465 4-Chloro-3-methylph	9.38	107	167	N.D.			
34)	C470 2-Methylnaphthalene	9.51	142	238	N.D.			
36)	C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37)	C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38)	C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40)	C525 2-Chloronaphthalene	10.67	162	635	N.D.			
41)	C530 2-Nitroaniline	10.39	65	205	N.D.			
42)	C540 Acenaphthylene	10.84	152	1792	N.D.			
43)	C535 Dimethylphthalate	10.71	163	2706	N.D.			
44)	C542 2,6-Dinitrotoluene	10.77	165	2514	0.50 ng	#		35
45)	C550 Acenaphthene	11.29	153	201	N.D.			
46)	C545 3-Nitroaniline	11.14	138	209	N.D.			
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48)	C565 Dibenzofuran	11.33	168	206	N.D.			
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50)	C560 4-Nitrophenol	11.31	109	161	N.D.			
51)	C590 Fluorene	0.00	166	0	N.D.			
52)	C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53)	C580 Diethylphthalate	11.77	149	28554	1.30 ng			98
54)	C620 1,2-diphenylhydraz	12.10	77	184	N.D.			
55)	C595 4-Nitroaniline	11.50	138	1256	N.D.			
57)	C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58)	C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60)	C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.			
62)	C635 Pentachlorophenol	12.87	266	2744	0.81 ng	#		10
63)	C640 Phenanthrene	13.08	178	9277	0.28 ng			97
64)	C645 Anthracene	13.14	178	2747	N.D.			
65)	C647 carbazole	13.88	167	5517	N.D.			
66)	C650 Di-n-butylphthalate	13.75	149	23629	0.63 ng			96
67)	C655 Fluoranthene	14.35	202	11961	0.35 ng			77
69)	C715 Pyrene	14.57	202	8781	0.22 ng			89
70)	C710 benzidine	14.53	184	188	N.D.			
72)	C720 Butylbenzylphthalat	0.00	149	0	N.D.			
73)	C725 3,3'-Dichlorobenzid	15.58	252	226	N.D.			
74)	C730 Benzo[a]anthracene	15.71	228	21244	0.60 ng			83
75)	C735 Chrysene	15.71	228	21244	0.61 ng			88
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	1181830	46.71 ng			91
77)	C760 Di-n-octylphthalate	16.26	149	24098	0.49 ng			99
79)	C765 Benzo[b]fluoranthene	16.60	252	15045	0.39 ng			81
80)	C770 Benzo[k]fluoranthene	16.60	252	15045	0.41 ng			81
81)	C775 Benzo[a]pyrene	16.89	252	5294	N.D.			
82)	C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83)	C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#30

C450 Naphthalene

Concen: 1.63 ng

RT: 8.48 min Scan# 1160

Delta R.T. 0.02 min

Lab File: X12913.D

Acq: 1 Nov 2006 2:24 am

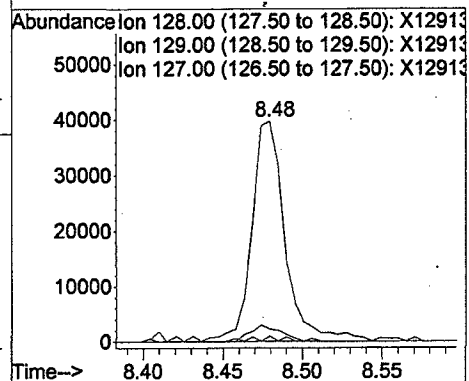
Tgt Ion: 128 Resp: 58024

Ion Ratio Lower Upper

128 100

129 5.7 0.0 31.0

127 2.5 0.0 32.6



ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

282/426

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: A6C51202

Sample wt/vol: 1035.0 (g/mL) ML

Lab File ID: X12914.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/L

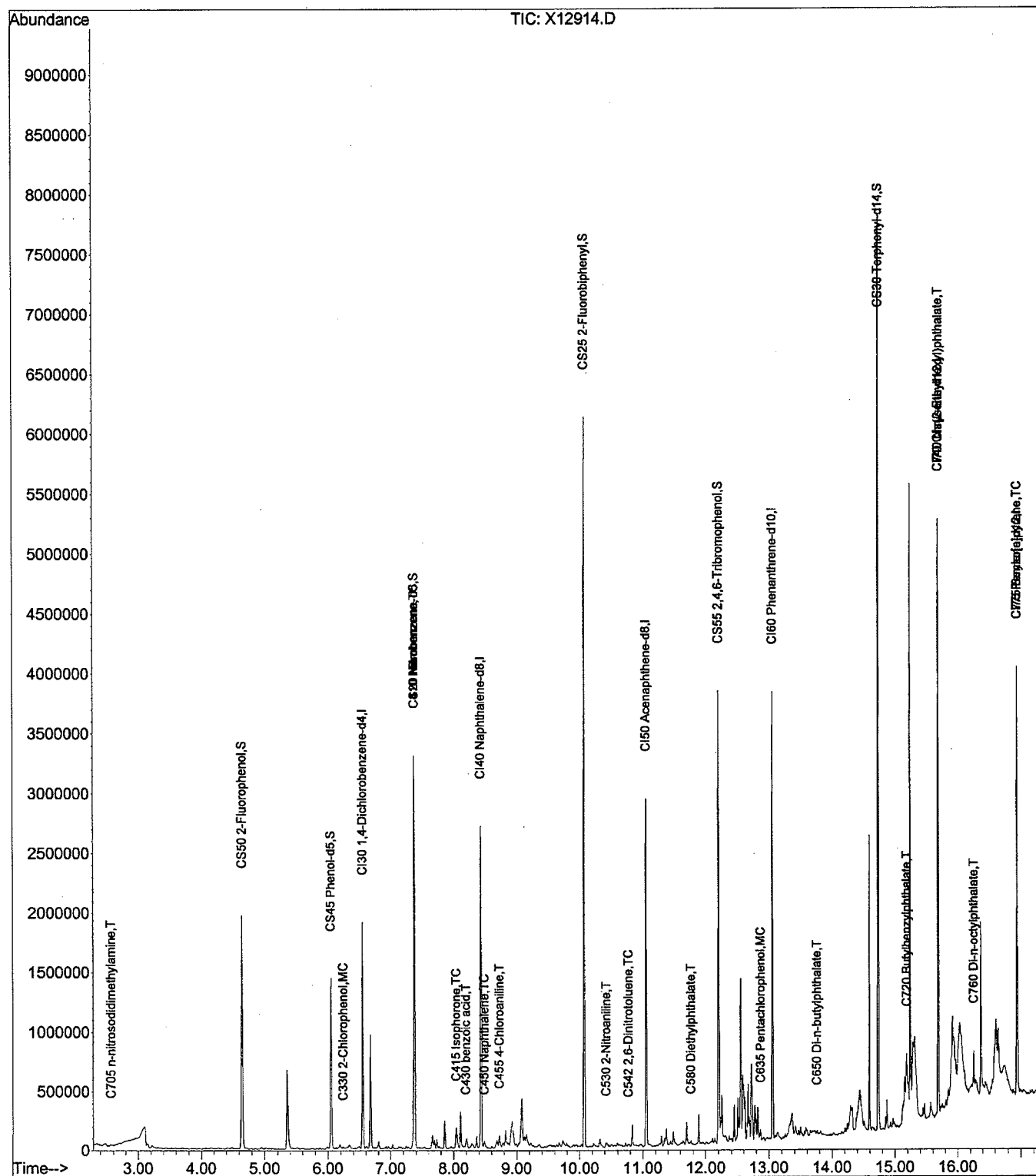
Q

108-95-2-----	Phenol	5	U
106-44-5-----	4-Methylphenol	5	U
91-20-3-----	Naphthalene	0.6	BJ

Data File : D:\DATA\103106\X12914.D
Acq On : 1 Nov 2006 2:47 am
Sample : A6C51202 AW60034314
Misc :
MS Integration Params: rteint.p

Vial: 48
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:12 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12914.D

Acq On : 1 Nov 2006 2:47 am

Sample : A6C51202 AW60034314

Misc :

MS Integration Params: rteint.p

Quant Time: Nov 01 06:56:12 2006

Vial: 48

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Nov 01 06:53:55 2006

Response via : Initial Calibration

DataAcq Meth : CHLOROPYR

IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.55	152	325387	40.00	ng	0.00 97.55%
20) CI40 Naphthalene-d8	8.43	136	1395182	40.00	ng	0.00 99.19%
35) CI50 Acenaphthene-d8	11.06	164	723015	40.00	ng	0.00 99.05%
56) CI60 Phenanthrene-d10	13.06	188	1296053	40.00	ng	0.00 101.55%
68) CI70 Chrysene-d12	15.69	240	1335475	40.00	ng	0.00 108.76%
78) CI75 Perylene-d12	16.94	264	1318361	40.00	ng	0.00 107.63%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.65	112	719817	54.51	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery =	36.34%		
5) CS45 Phenol-d5	6.05	99	617969	37.08	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	24.72%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	7.37	82	1246620	92.57	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	92.57%		
39) CS25 2-Fluorobiphenyl	10.07	172	2043487	93.10	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	93.10%		
59) CS55 2,4,6-Tribromophenol	12.20	330	406137	157.79	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	105.19%		
71) CS30 Terphenyl-d14	14.74	244	2272110	80.98	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	80.98%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	12.57	74	2882	0.38	ng	84
4) C325 bis(2-Chloroethyl)e	6.19	93	1001	N.D.		
7) C315 Phenol	6.06	94	3090	N.D.		
8) C330 2-Chlorophenol	6.24	128	3348	0.28	ng	73
9) C320 aniline	6.08	93	215	N.D.		
10) C335 1,3-Dichlorobenzene	6.46	146	587	N.D.		
11) C340 1,4-Dichlorobenzene	6.57	146	407	N.D.		
13) C350 1,2-Dichlorobenzene	6.79	146	243	N.D.		
14) C345 Benzyl alcohol	6.79	108	794	N.D.		
15) C360 bis(2-chloroisoprop	6.98	45	2311	N.D.		
16) C355 2-Methylphenol	6.96	108	619	N.D.		
17) C375 Hexachloroethane	7.28	117	262	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.21	108	570	N.D.		
22) C410 Nitrobenzene	7.37		6556	0.49	ng	# 50
23) C415 Isophorone	8.04	82	13228	0.53	ng	75
24) C430 benzoic acid	8.19	122	776	138.88	ng	96
25) C420 2-Nitrophenol	7.89	139	369	N.D.		
26) C425 2,4-Dimethylphenol	8.05	107	183	N.D.		
27) C435 bis(2-Chloroethoxy)	8.32	93	165	N.D.		
28) C440 2,4-Dichlorophenol	8.25	162	712	N.D.		

Data File : D:\DATA\103106\X12914.D
Acq On : 1 Nov 2006 2:47 am
Sample : A6C51202 AW60034314
Misc :

Vial: 48
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:12 2006

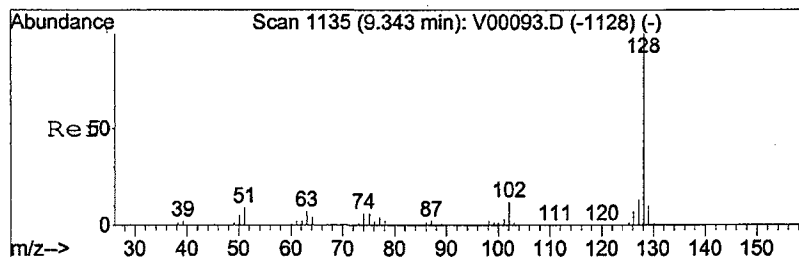
Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards		R.T. QIon		Response	Conc Units	Dev(Min) Rcv(Ar)
29)	C445 1,2,4-Trichlorobenz	8.35	180	217	N.D.	
30)	C450 Naphthalene	8.48	128	20282	0.59 ng	89
31)	C455 4-Chloroaniline	8.72	127	2994	0.21 ng	# 64
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.	
33)	C465 4-Chloro-3-methylph	9.31	107	193	N.D.	
34)	C470 2-Methylnaphthalene	9.50	142	733	N.D.	
36)	C510 Hexachlorocyclopent	0.00	237	0	N.D.	
37)	C515 2,4,6-Trichlorophen	0.00	196	0	N.D.	
38)	C520 2,4,5-Trichlorophen	0.00	196	0	N.D.	
40)	C525 2-Chloronaphthalene	10.60	162	872	N.D.	
41)	C530 2-Nitroaniline	10.42	65	2349	0.36 ng	# 13
42)	C540 Acenaphthylene	10.83	152	1106	N.D.	
43)	C535 Dimethylphthalate	10.72	163	464	N.D.	
44)	C542 2,6-Dinitrotoluene	10.78	165	1663	0.35 ng	# 28
45)	C550 Acenaphthene	11.11	153	771	N.D.	
46)	C545 3-Nitroaniline	11.14	188	181	N.D.	
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.	
48)	C565 Dibenzofuran	11.37	168	253	N.D.	
49)	C570 2,4-Dinitrotoluene	11.59	165	562	N.D.	
50)	C560 4-Nitrophenol	11.33	109	502	N.D.	
51)	C590 Fluorene	11.86	169	570	N.D.	
52)	C585 4-Chlorophenyl-phen	11.89	204	179	N.D.	
53)	C580 Diethylphthalate	11.77	149	9195	0.43 ng	97
54)	C620 1,2-diphenylhydraz	12.11	177	2059	N.D.	
55)	C595 4-Nitroaniline	12.26	138	456	N.D.	
57)	C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.	
58)	C615 n-Nitrosodiphenylam	0.00	169	0	N.D.	
60)	C625 4-Bromophenyl-pheny	0.00	248	0	N.D.	
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.	
62)	C635 Pentachlorophenol	12.87	266	3709	1.13 ng	# 14
63)	C640 Phenanthrene	13.20	178	437	N.D.	
64)	C645 Anthracene	13.20	178	437	N.D.	
65)	C647 carbazole	13.36	167	2382	N.D.	
66)	C650 Di-n-butylphthalate	13.75	149	7274	0.20 ng	94
67)	C655 Fluoranthene	14.35	202	613	N.D.	
69)	C715 Pyrene	14.57	202	975	N.D.	
70)	C710 benzidine	14.57	184	241	N.D.	
72)	C720 Butylbenzylphthalate	15.19	149	5869	0.31 ng	# 80
73)	C725 3,3'-Dichlorobenzid	15.67	252	164	N.D.	
74)	C730 Benzo[a]anthracene	15.69	228	5324	N.D.	
75)	C735 Chrysene	15.69	228	5324	N.D.	
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	106187	4.27 ng	91
77)	C760 Di-n-octylphthalate	16.25	149	23468	0.49 ng	93
79)	C765 Benzo[b]fluoranthen	16.44	252	363	N.D.	
80)	C770 Benzo[k]fluoranthen	16.77	252	246	N.D.	
81)	C775 Benzo[a]pyrene	16.94	252	6948	0.20 ng	79
82)	C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.	
83)	C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.	
84)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

286/426



#30

C450 Naphthalene

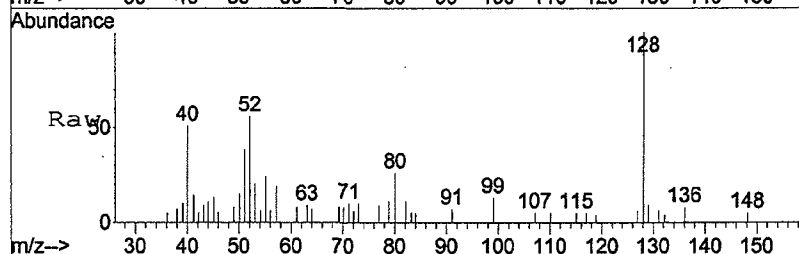
Concen: 0.59 ng

RT: 8.48 min Scan# 1161

Delta R.T. 0.02 min

Lab File: X12914.D

Acq: 1 Nov 2006 2:47 am



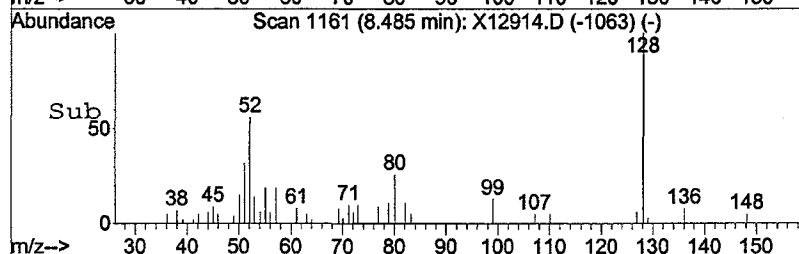
Tgt Ion: 128 Resp: 20282

Ion Ratio Lower Upper

128 100

129 9.4 0.0 31.0

127 6.2 0.0 32.6

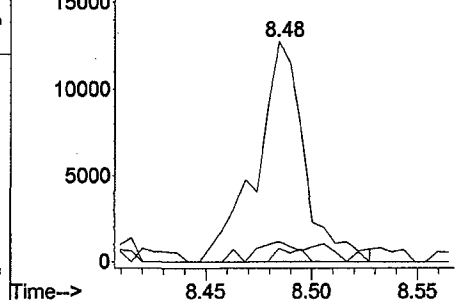


Abundance

Ion 128.00 (127.50 to 128.50): X12914

Ion 129.00 (128.50 to 129.50): X12914

Ion 127.00 (126.50 to 127.50): X12914



ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

287/426

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: A6C51203

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: X12915.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

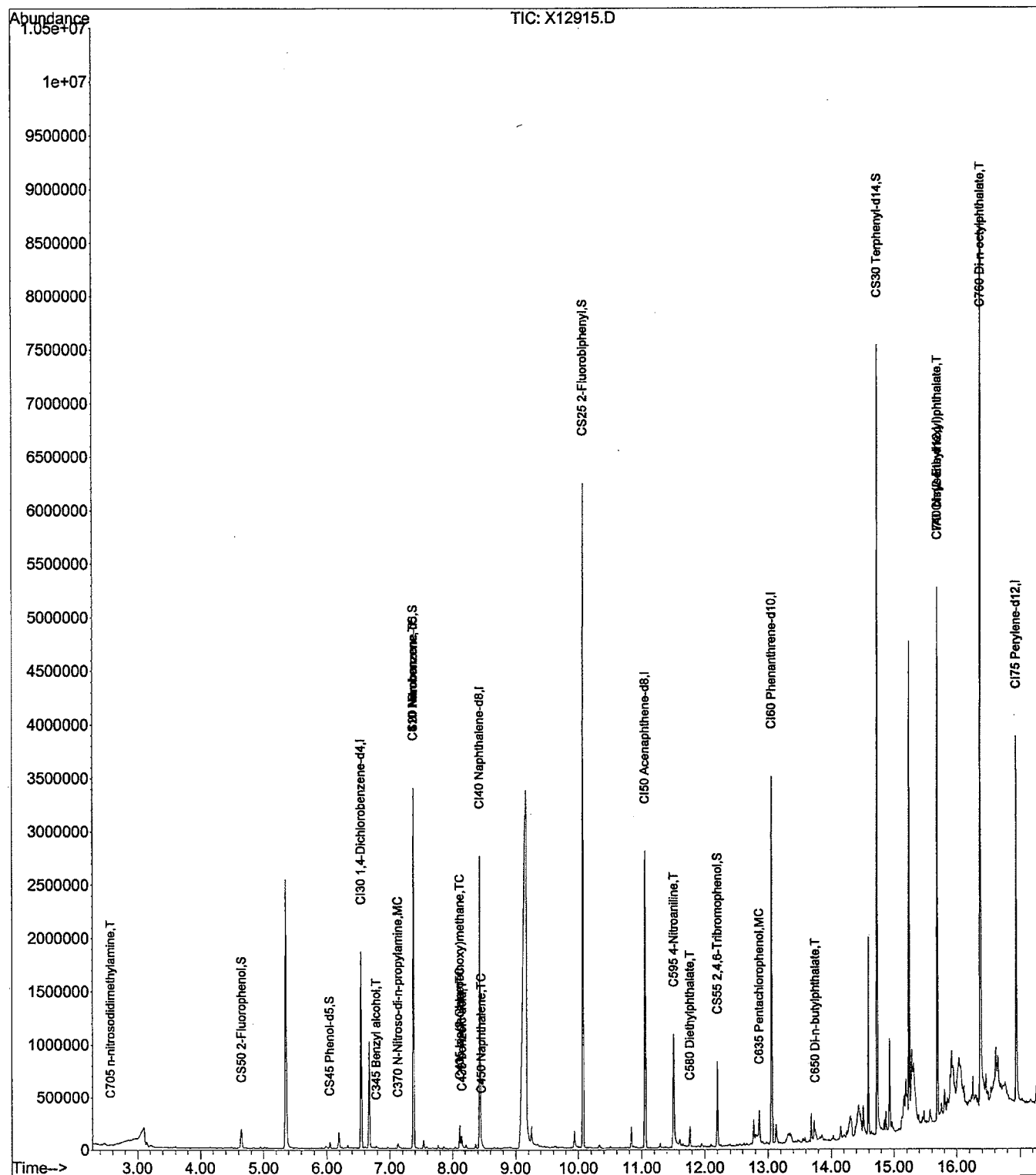
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		0.4	BJ

Data File : D:\DATA\103106\X12915.D
Acq On : 1 Nov 2006 3:10 am
Sample : A6C51203 AW60034315
Misc :
MS Integration Params: rteint.p

Vial: 49
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:14 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12915.D
 Acq On : 1 Nov 2006 3:10 am
 Sample : A6C51203 AW60034315
 Misc :

Vial: 49
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Nov 01 06:56:14 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Nov 01 06:53:55 2006
 Response via : Initial Calibration
 DataAcq Meth : CHLOROPYR
 IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	312064	40.00	ng	0.00 93.56%
20) CI40 Naphthalene-d8	8.43	136	1338077	40.00	ng	0.00 95.13%
35) CI50 Acenaphthene-d8	11.06	164	689539	40.00	ng	0.00 94.46%
56) CI60 Phenanthrene-d10	13.06	188	1224982	40.00	ng	0.00 95.98%
68) CI70 Chrysene-d12	15.69	240	1176016	40.00	ng	0.00 95.77%
78) CI75 Perylene-d12	16.94	264	1224139	40.00	ng	0.00 99.94%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.65	112	68347	5.40	ng	0.01
Spiked Amount 150.000	Range 21 - 110		Recovery =			3.60%#
5) CS45 Phenol-d5	6.05	99	20900	1.31	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =			0.87%#
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =			0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =			0.00%#
21) CS20 Nitrobenzene-d5	7.37	82	1263095	97.79	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =			97.79%
39) CS25 2-Fluorobiphenyl	10.07	172	2042211	97.56	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =			97.56%
59) CS55 2,4,6-Tribromophenol	12.20	330	75233	30.93	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =			20.62%
71) CS30 Terphenyl-d14	14.73	244	2071260	83.84	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =			83.84%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.56	114	2908	0.40	ng	81
4) C325 bis(2-Chloroethyl)e	6.19	93	229	N.D.		
7) C315 Phenol	6.07	94	908	N.D.		
8) C330 2-Chlorophenol	6.24	128	1515	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	6.45	146	180	N.D.		
11) C340 1,4-Dichlorobenzene	6.57	146	395	N.D.		
13) C350 1,2-Dichlorobenzene	6.79	146	177	N.D.		
14) C345 Benzyl alcohol	6.79	108	3084	0.41	ng	# 61
15) C360 bis(2-chloroisoprop	6.99	45	3452	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	7.28	117	211	N.D.		
18) C370 N-Nitroso-di-n-propyl	7.13	110	2961	0.37	ng	88
19) C365 4-Methylphenol	7.37	108	164	N.D.		
22) C410 Nitrobenzene	7.37	77	6020	0.47	ng	# 41
23) C415 Isophorone	8.11	82	5355	0.22	ng	71
24) C430 benzoic acid	8.15	122	946	138.89	ng	# 32
25) C420 2-Nitrophenol	7.88	139	446	N.D.		
26) C425 2,4-Dimethylphenol	7.90	107	165	N.D.		
27) C435 bis(2-Chloroethoxy)me	8.12	93	3263	0.24	ng	# 50
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\103106\X12915.D

Acq On : 1 Nov 2006 3:10 am

Sample : A6C51203 AW60034315

Misc :

MS Integration Params: rteint.p

Quant Time: Nov 01 06:56:14 2006

Vial: 49

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Nov 01 06:53:55 2006

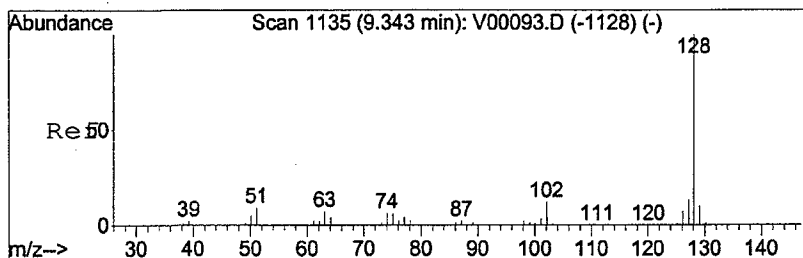
Response via : Initial Calibration

DataAcq Meth : CHLOROPYR

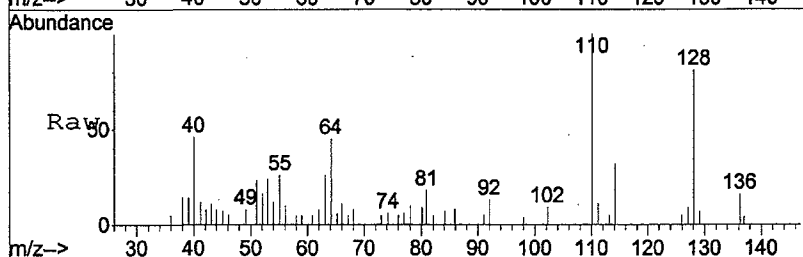
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
29)	C445 1,2,4-Trichlorobenz	8.35	180	560	N.D.		
30)	C450 Naphthalene	8.46	128	13650	0.42 ng		95
31)	C455 4-Chloroaniline	0.00	127	0	N.D.		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylph	9.41	107	203	N.D.		
34)	C470 2-Methylnaphthalene	9.51	142	554	N.D.		
36)	C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530 2-Nitroaniline	10.32	65	640	N.D.		
42)	C540 Acenaphthylene	10.70	152	196	N.D.		
43)	C535 Dimethylphthalate	10.71	163	176	N.D.		
44)	C542 2,6-Dinitrotoluene	10.77	165	773	N.D.		
45)	C550 Acenaphthene	11.10	153	298	N.D.		
46)	C545 3-Nitroaniline	0.00	138	0	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	11.37	168	243	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	11.33	109	201	N.D.		
51)	C590 Fluorene	11.87	166	270	N.D.		
52)	C585 4-Chlorophenyl-phen	11.90	204	174	N.D.		
53)	C580 Diethylphthalate	11.77	149	67905	3.36 ng		99
54)	C620 1,2-diphenylhydraz	12.11	77	2629	N.D.		
55)	C595 4-Nitroaniline	11.51	138	4661	0.78 ng	#	18
57)	C610 4,6-Dinitro-2-methy	11.92	198	194	N.D.		
58)	C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60)	C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	12.86	266	32349	10.39 ng	#	1
63)	C640 Phenanthrene	13.15	178	1381	N.D.		
64)	C645 Anthracene	13.15	178	1381	N.D.		
65)	C647 carbazole	13.66	167	783	N.D.		
66)	C650 Di-n-butylphthalate	13.75	149	26241	0.76 ng		97
67)	C655 Fluoranthene	14.35	202	1220	N.D.		
69)	C715 Pyrene	14.57	202	1894	N.D.		
70)	C710 benzidine	14.41	184	168	N.D.		
72)	C720 Butylbenzylphthalat	0.00	149	0	N.D.		
73)	C725 3,3'-Dichlorobenzid	16.04	252	465	N.D.		
74)	C730 Benzo[a]anthracene	15.71	228	1169	N.D.		
75)	C735 Chrysene	15.71	228	1169	N.D.		
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	222286	10.16 ng		90
77)	C760 Di-n-octylphthalate	16.38	149	46600	1.10 ng		98
79)	C765 Benzo[b]fluoranthen	16.60	252	3444	N.D.		
80)	C770 Benzo[k]fluoranthen	16.60	252	3444	N.D.		
81)	C775 Benzo[a]pyrene	16.60	252	3444	N.D.		
82)	C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.		
83)	C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.		
84)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

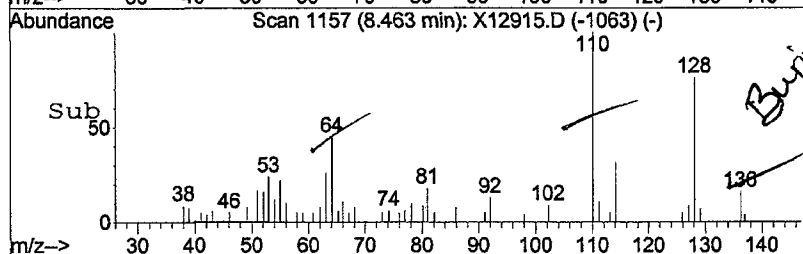
(#) = qualifier out of range (m) = manual integration (+) = signals summed



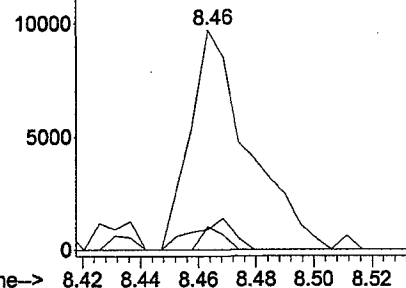
#30
 C450 Naphthalene
 Concen: 0.42 ng
 RT: 8.46 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: X12915.D
 Acq: 1 Nov 2006 3:10 am



Tgt Ion: 128 Resp: 13650
 Ion Ratio Lower Upper
 128 100
 129 9.1 0.0 31.0
 127 10.6 0.0 32.6



Abundance Ion 128.00 (127.50 to 128.50): X12915
 Ion 129.00 (128.50 to 129.50): X12915
 Ion 127.00 (126.50 to 127.50): X12915



2/11/06

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

292/426

Client No.

A-43S

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A6C51204

Sample wt/vol: 1035.0 (g/mL) ML

Lab File ID: X12916.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

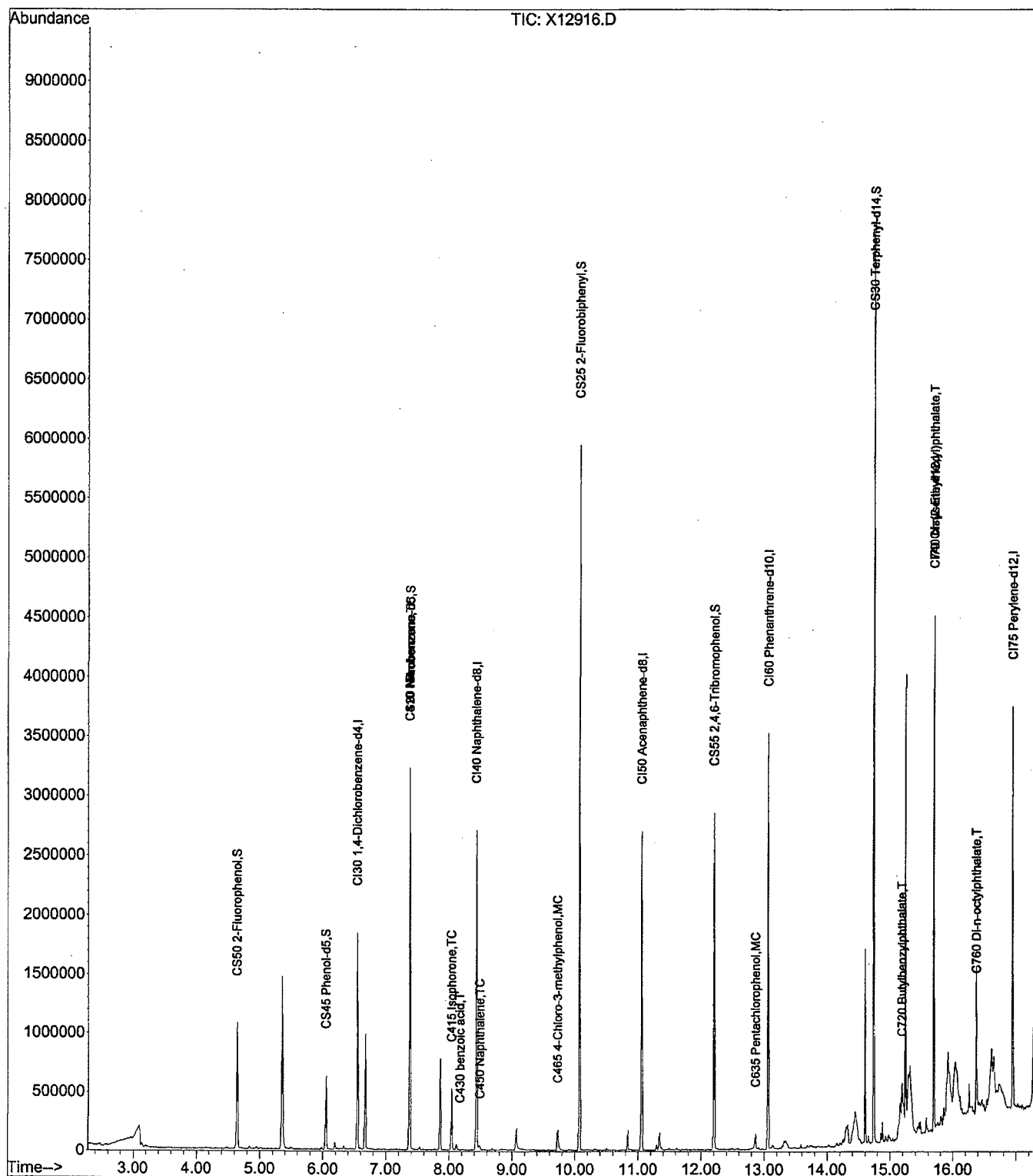
CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

108-95-2-----	Phenol	5	U
106-44-5-----	4-Methylphenol	5	U
91-20-3-----	Naphthalene	0.4	BJ

Data File : D:\DATA\103106\X12916.D
Acq On : 1 Nov 2006 3:33 am
Sample : A6C51204 AW60034316
Misc :
MS Integration Params: rteint.p

Vial: 50
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:16 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12916.D
Acq On : 1 Nov 2006 3:33 am
Sample : A6C51204 AW60034316
Misc :
MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:16 2006

Vial: 50
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	310403	40.00	ng	0.00 93.06%
20) CI40 Naphthalene-d8	8.43	136	1324309	40.00	ng	0.00 94.15%
35) CI50 Acenaphthene-d8	11.06	164	691523	40.00	ng	0.00 94.73%
56) CI60 Phenanthrene-d10	13.06	188	1233831	40.00	ng	0.00 96.68%
68) CI70 Chrysene-d12	15.69	240	1204040	40.00	ng	0.00 98.06%
78) CI75 Perylene-d12	16.94	264	1204200	40.00	ng	0.00 98.31%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	398987	31.67	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	21.11%		
5) CS45 Phenol-d5	6.05	99	282910	17.79	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	11.86%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	7.37	82	1193274	93.35	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	93.35%		
39) CS25 2-Fluorobiphenyl	10.07	172	1939116	92.37	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	92.37%		
59) CS55 2,4,6-Tribromophenol	12.20	330	274263	111.93	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	74.62%		
71) CS30 Terphenyl-d14	14.73	244	2142178	84.69	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	84.69%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	2.78	74	166	N.D.		
4) C325 bis(2-Chloroethyl)e	6.20	93	167	N.D.		
7) C315 Phenol	6.07	94	1445	N.D.		
8) C330 2-Chlorophenol	6.25	128	1834	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	6.58	146	218	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	6.78	108	183	N.D.		
15) C360 bis(2-chloroisoprop	6.96	45	1363	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.11	108	191	N.D.		
22) C410 Nitrobenzene	7.37	77	3552	0.28	ng	# 48
23) C415 Isophorone	8.04	82	3272	1.67	ng	# 73
24) C430 benzoic acid	8.16	122	335	138.87	ng	# 10
25) C420 2-Nitrophenol	7.88	139	187	N.D.		
26) C425 2,4-Dimethylphenol	8.04	107	832	N.D.		
27) C435 bis(2-Chloroethoxy)	8.12	93	756	N.D.		
28) C440 2,4-Dichlorophenol	8.25	162	374	N.D.		

Data File : D:\DATA\103106\X12916.D

Acq On : 1 Nov 2006 3:33 am

Sample : A6C51204 AW60034316

Misc :

Vial: 50

Operator: PM

Inst : HP5973X

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Nov 01 06:56:16 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Nov 01 06:53:55 2006

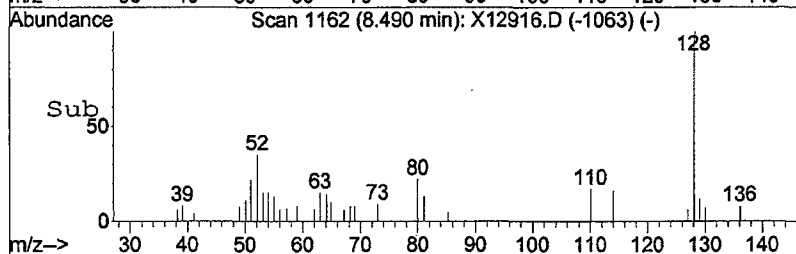
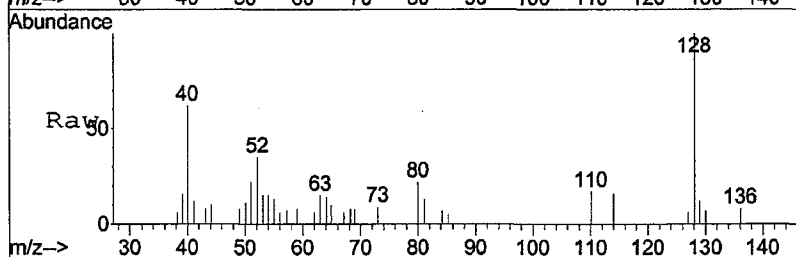
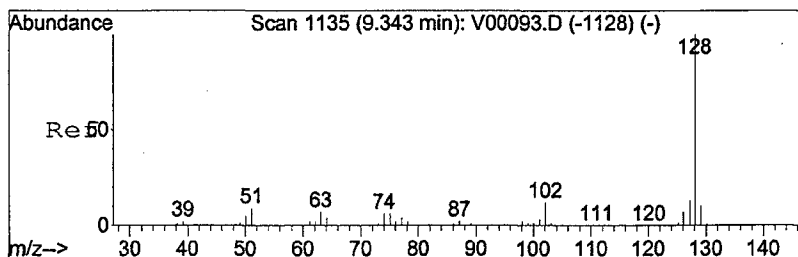
Response via : Initial Calibration

DataAcq Meth : CHLOROPYR

IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards		R.T. QIon		Response	Conc Units	Dev(Min)	Rcv(Ar)
29)	C445 1,2,4-Trichlorobenz	8.35	180	195	N.D.		
30)	C450 Naphthalene	8.49	128	14532	0.45 ng		89
31)	C455 4-Chloroaniline	8.69	127	413	N.D.		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylphen	9.73	107	7248	0.71 ng	#	20
34)	C470 2-Methylnaphthalene	9.51	142	193	N.D.		
36)	C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	10.50	162	169	N.D.		
41)	C530 2-Nitroaniline	10.32	65	160	N.D.		
42)	C540 Acenaphthylene	10.75	152	216	N.D.		
43)	C535 Dimethylphthalate	10.84	163	3751	N.D.		
44)	C542 2,6-Dinitrotoluene	10.77	165	160	N.D.		
45)	C550 Acenaphthene	11.10	153	199	N.D.		
46)	C545 3-Nitroaniline	0.00	138	0	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	0.00	168	0	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	11.45	109	170	N.D.		
51)	C590 Fluorene	0.00	166	0	N.D.		
52)	C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53)	C580 Diethylphthalate	11.77	149	2777	N.D.		
54)	C620 1,2-diphenylhydraz	12.10	77	162	N.D.		
55)	C595 4-Nitroaniline	11.50	138	217	N.D.		
57)	C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60)	C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	12.86	266	12366	3.94 ng	#	20
63)	C640 Phenanthrene	13.08	178	1211	N.D.		
64)	C645 Anthracene	13.14	178	825	N.D.		
65)	C647 carbazole	13.33	167	182	N.D.		
66)	C650 Di-n-butylphthalate	13.75	149	5265	N.D.		
67)	C655 Fluoranthene	14.35	202	176	N.D.		
69)	C715 Pyrene	14.57	202	1754	N.D.		
70)	C710 benzidine	14.65	184	178	N.D.		
72)	C720 Butylbenzylphthalate	15.19	149	3799	0.22 ng	#	74
73)	C725 3,3'-Dichlorobenzid	15.68	252	243	N.D.		
74)	C730 Benzo[a]anthracene	15.69	228	3457	N.D.		
75)	C735 Chrysene	15.69	228	3457	N.D.		
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	69154	3.09 ng		90
77)	C760 Di-n-octylphthalate	16.38	149	19566	0.45 ng		99
79)	C765 Benzo[b]fluoranthen	16.94	252	6189	N.D.		
80)	C770 Benzo[k]fluoranthen	16.62	252	883	N.D.		
81)	C775 Benzo[a]pyrene	16.94	252	6189	N.D.		
82)	C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.		
83)	C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.		
84)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#30

C450 Naphthalene

Concen: 0.45 ng

RT: 8.49 min Scan# 1162

Delta R.T. 0.03 min

Lab File: X12916.D

Acq: 1 Nov 2006 3:33 am

Tgt Ion: 128 Resp: 14532

Ion Ratio Lower Upper

128 100

129 12.1 0.0 31.0

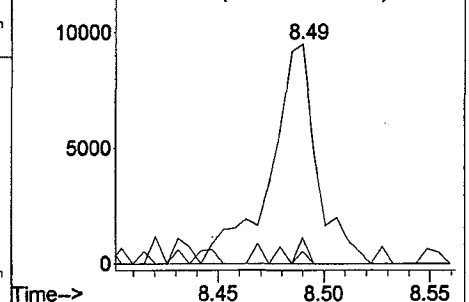
127 5.8 0.0 32.6

Abundance

Ion 128.00 (127.50 to 128.50): X12916

Ion 129.00 (128.50 to 129.50): X12916

Ion 127.00 (126.50 to 127.50): X12916



ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

297/426

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: A6C51205

Sample wt/vol: 1030.0 (g/mL) ML

Lab File ID: X12917.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

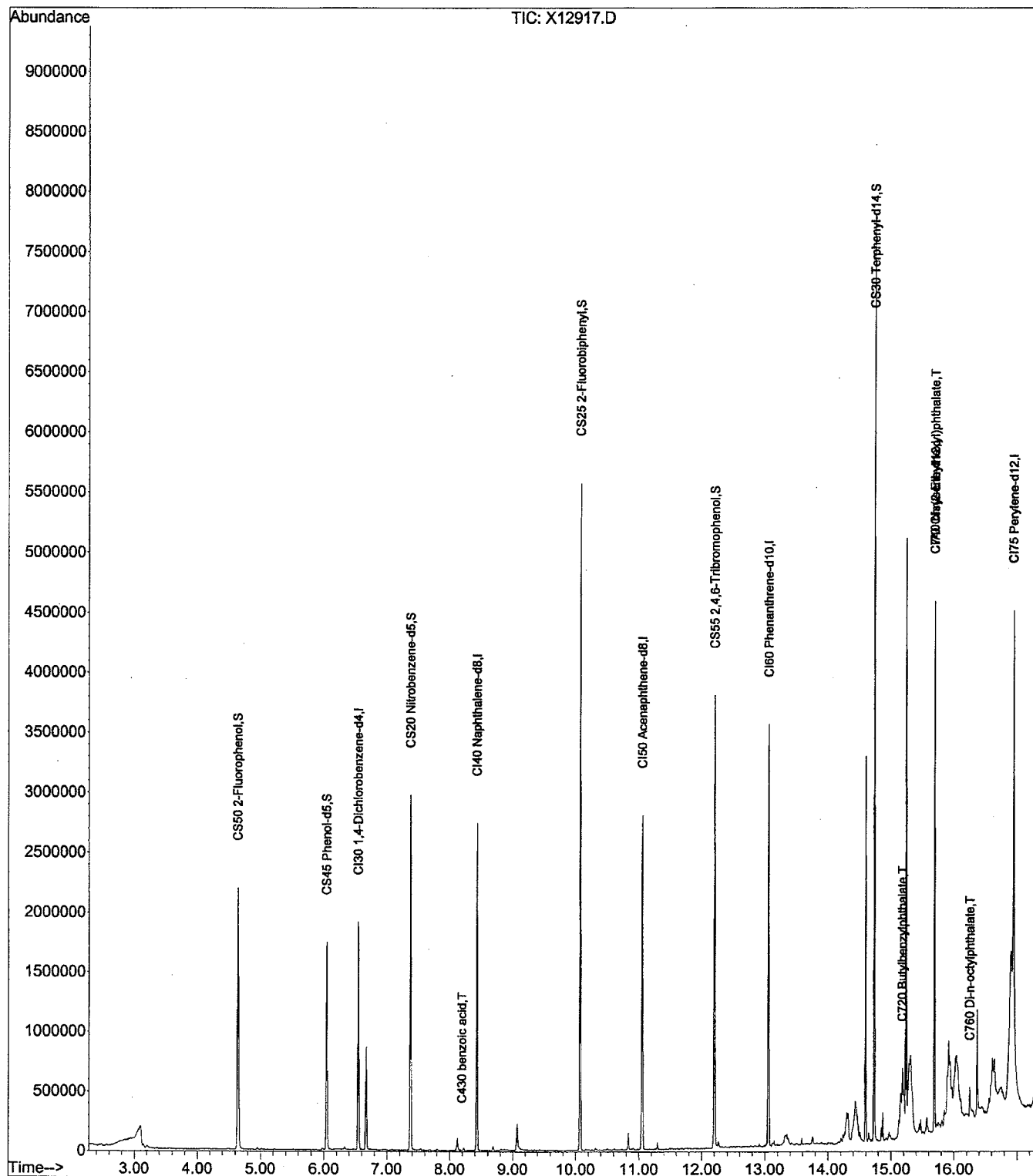
(ug/L or ug/Kg) UG/L Q

CAS NO.	COMPOUND		
108-95-2-----	Phenol	5	U
106-44-5-----	4-Methylphenol	5	U
91-20-3-----	Naphthalene	5	U

Data File : D:\DATA\103106\X12917.D
Acq On : 1 Nov 2006 3:56 am
Sample : A6C51205 AW60034317
Misc :
MS Integration Params: rteint.p

Vial: 51
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:18 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12917.D
Acq On : 1 Nov 2006 3:56 am
Sample : A6C51205 AW60034317
Misc :

Vial: 51
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:18 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

11/2/06

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	327503	40.00	ng	0.00 98.19%
20) CI40 Naphthalene-d8	8.43	136	1371092	40.00	ng	0.00 97.47%
35) CI50 Acenaphthene-d8	11.06	164	713847	40.00	ng	0.00 97.79%
56) CI60 Phenanthrene-d10	13.06	188	1250207	40.00	ng	0.00 97.96%
68) CI70 Chrysene-d12	15.69	240	1211173	40.00	ng	0.00 98.64%
78) CI75 Perylene-d12	16.94	264	1224142	40.00	ng	0.00 99.94%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	808886	60.86	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	40.57%		
5) CS45 Phenol-d5	6.05	99	793850	47.32	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	31.55%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	7.37	82	1109639	83.84	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	83.84%		
39) CS25 2-Fluorobiphenyl	10.07	172	1865726	86.09	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	86.09%		
59) CS55 2,4,6-Tribromophenol	12.20	330	393420	158.46	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	105.64%		
71) CS30 Terphenyl-d14	14.73	244	2095088	82.34	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	82.34%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	2.66	74	190	N.D.		
4) C325 bis(2-Chloroethyl)e	6.11	93	179	N.D.		
7) C315 Phenol	6.07	94	1714	N.D.		
8) C330 2-Chlorophenol	6.23	128	225	N.D.		
9) C320 aniline	6.08	93	215	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	6.79	108	477	N.D.		
15) C360 bis(2-chloroisoprop	6.99	45	669	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.37	108	915	N.D.		
22) C410 Nitrobenzene	7.38	77	1293	N.D.		
23) C415 Isophorone	8.12	82	3370	N.D.		
24) C430 benzoic acid	8.20	126	166	138.87	ng	# 44
25) C420 2-Nitrophenol	8.01	139	213	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	8.13	93	967	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

11/6/06

Data File : D:\DATA\103106\X12917.D
 Acq On : 1 Nov 2006 3:56 am
 Sample : A6C51205 AW60034317
 Misc :

Vial: 51
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Nov 01 06:56:18 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Nov 01 06:53:55 2006
 Response via : Initial Calibration
 DataAcq Meth : CHLOROPYR
 IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.		
30) C450 Naphthalene	8.46	128	1058	N.D.		
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33) C465 4-Chloro-3-methylph	9.31	107	198	N.D.		
34) C470 2-Methylnaphthalene	9.51	142	272	N.D.		
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41) C530 2-Nitroaniline	10.45	65	175	N.D.		
42) C540 Acenaphthylene	0.00	152	0	N.D.		
43) C535 Dimethylphthalate	10.84	163	3453	N.D.		
44) C542 2,6-Dinitrotoluene	10.84	165	659	N.D.		
45) C550 Acenaphthene	11.09	153	192	N.D.		
46) C545 3-Nitroaniline	10.90	138	223	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	11.30	168	350	N.D.		
49) C570 2,4-Dinitrotoluene	11.57	165	177	N.D.		
50) C560 4-Nitrophenol	11.34	109	214	N.D.		
51) C590 Fluorene	11.81	166	205	N.D.		
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53) C580 Diethylphthalate	11.77	149	3390	N.D.		
54) C620 1,2-diphenylhydraz	12.10	77	249	N.D.		
55) C595 4-Nitroaniline	11.97	138	368	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	0.00	266	0	N.D.		
63) C640 Phenanthrene	13.14	178	1240	N.D.		
64) C645 Anthracene	13.14	178	1240	N.D.		
65) C647 carbazole	13.32	167	205	N.D.		
66) C650 Di-n-butylphthalate	13.75	149	6899	N.D.		
67) C655 Fluoranthene	14.35	202	536	N.D.		
69) C715 Pyrene	14.58	202	576	N.D.		
70) C710 benzidine	13.96	184	195	N.D.		
72) C720 Butylbenzylphthalate	15.19	149	5712	0.33 ng		81
73) C725 3,3'-Dichlorobenzid	15.59	252	167	N.D.		
74) C730 Benzo[a]anthracene	15.69	228	3654	N.D.		
75) C735 Chrysene	15.73	228	180	N.D.		
76) C740 bis(2-Ethylhexyl)phth	15.69	149	67984	3.02 ng		96
77) C760 Di-n-octylphthalate	16.25	149	15178	0.35 ng		97
79) C765 Benzo[b]fluoranthene	16.62	252	1372	N.D.		
80) C770 Benzo[k]fluoranthene	16.62	252	1372	N.D.		
81) C775 Benzo[a]pyrene	16.94	252	4561	N.D.		
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.		
83) C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.		
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

301/426

Client No.

Duplicate

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51206

Sample wt/vol: 1035.0 (g/mL) ML Lab File ID: X12918.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

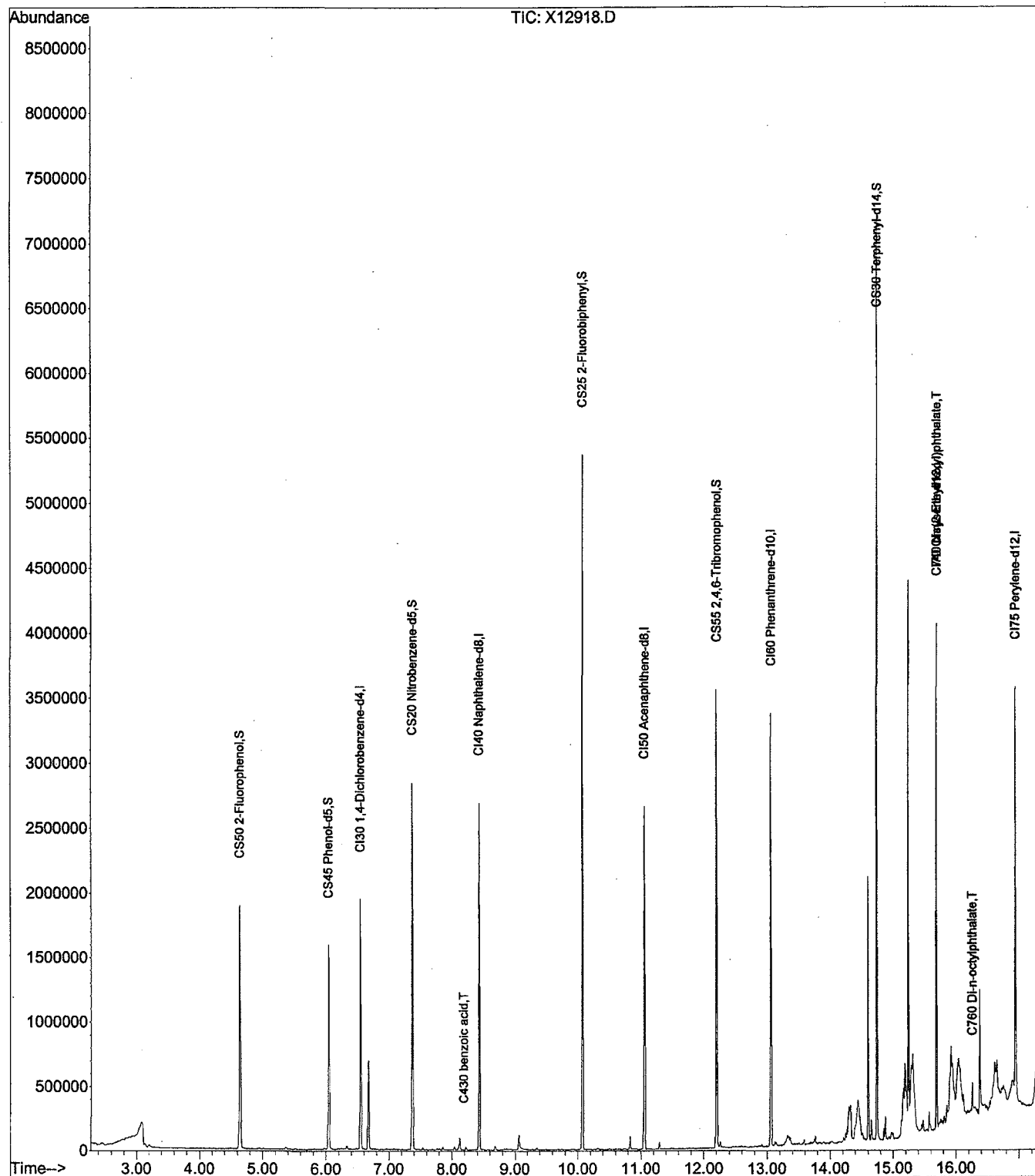
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

Data File : D:\DATA\103106\X12918.D
Acq On : 1 Nov 2006 4:19 am
Sample : A6C51206 AW60034318
Misc :
MS Integration Params: rteint.p

Vial: 52
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:19 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12918.D
Acq On : 1 Nov 2006 4:19 am
Sample : A6C51206 AW60034318
Misc :

Vial: 52
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:19 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	316504	40.00	ng	0.00 94.89%
20) CI40 Naphthalene-d8	8.43	136	1331681	40.00	ng	0.00 94.67%
35) CI50 Acenaphthene-d8	11.06	164	691029	40.00	ng	0.00 94.66%
56) CI60 Phenanthrene-d10	13.06	188	1189008	40.00	ng	0.00 93.16%
68) CI70 Chrysene-d12	15.69	240	1112009	40.00	ng	0.00 90.56%
78) CI75 Perylene-d12	16.94	264	1127687	40.00	ng	0.00 92.07%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	739892	57.60	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	38.40%
5) CS45 Phenol-d5	6.04	99	705085	43.49	ng	0.00
Spiked Amount	150.000	Range	10 - 110	Recovery	=	28.99%
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	7.37	82	1063833	82.76	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	82.76%
39) CS25 2-Fluorobiphenyl	10.07	172	1800421	85.82	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	85.82%
59) CS55 2,4,6-Tribromophenol	12.20	330	355644	150.61	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	100.41%
71) CS30 Terphenyl-d14	14.73	244	1948161	83.39	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	83.39%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	2.84	74	168	N.D.		
4) C325 bis(2-Chloroethyl)e	6.12	93	574	N.D.		
7) C315 Phenol	6.06	94	736	N.D.		
8) C330 2-Chlorophenol	6.24	128	272	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	6.79	108	278	N.D.		
15) C360 bis(2-chloroisoprop	6.98	45	1453	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.37	108	178	N.D.		
22) C410 Nitrobenzene	7.41	77	167	N.D.		
23) C415 Isophorone	8.12	82	2737	N.D.		
24) C430 benzoic acid	8.19	122	203	138.87	ng	# 33
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	8.13	93	879	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\103106\X12918.D
 Acq On : 1 Nov 2006 4:19 am
 Sample : A6C51206 AW60034318
 Misc :

Vial: 52
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Nov 01 06:56:19 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Nov 01 06:53:55 2006
 Response via : Initial Calibration
 DataAcq Meth : CHLOROPYR
 IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	8.46	128	1637	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	9.41	107	277	N.D.			
34) C470 2-Methylnaphthalene	9.50	142	175	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	10.57	65	220	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	10.84	163	2783	N.D.			
44) C542 2,6-Dinitrotoluene	10.78	165	169	N.D.			
45) C550 Acenaphthene	11.06	153	171	N.D.			
46) C545 3-Nitroaniline	11.04	138	192	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	11.30	168	733	N.D.			
49) C570 2,4-Dinitrotoluene	11.37	165	176	N.D.			
50) C560 4-Nitrophenol	11.33	109	344	N.D.			
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	11.77	149	1905	N.D.			
54) C620 1,2-diphenylhydraz	12.11	77	388	N.D.			
55) C595 4-Nitroaniline	12.30	138	165	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	12.86	266	417	N.D.			
63) C640 Phenanthrene	13.09	178	573	N.D.			
64) C645 Anthracene	13.14	178	572	N.D.			
65) C647 carbazole	13.35	167	187	N.D.			
66) C650 Di-n-butylphthalate	13.75	149	6171	N.D.			
67) C655 Fluoranthene	14.35	202	188	N.D.			
69) C715 Pyrene	14.57	202	644	N.D.			
70) C710 benzidine	14.64	184	186	N.D.			
72) C720 Butylbenzylphthalat	15.24	149	3145	N.D.			
73) C725 3,3'-Dichlorobenzid	15.68	252	175	N.D.			
74) C730 Benzo[a]anthracene	15.68	228	3850	N.D.			
75) C735 Chrysene	15.68	228	3850	N.D.			
76) C740 bis(2-Ethylhexyl)phth	15.69	149	55735	2.69 ng		88	
77) C760 Di-n-octylphthalate	16.25	149	13107	0.33 ng		85	
79) C765 Benzo[b]fluoranthene	16.59	252	379	N.D.			
80) C770 Benzo[k]fluoranthene	16.59	252	379	N.D.			
81) C775 Benzo[a]pyrene	16.59	252	379	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

305/426

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: A6C51208

Sample wt/vol: 1030.0 (g/mL) ML

Lab File ID: X12919.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

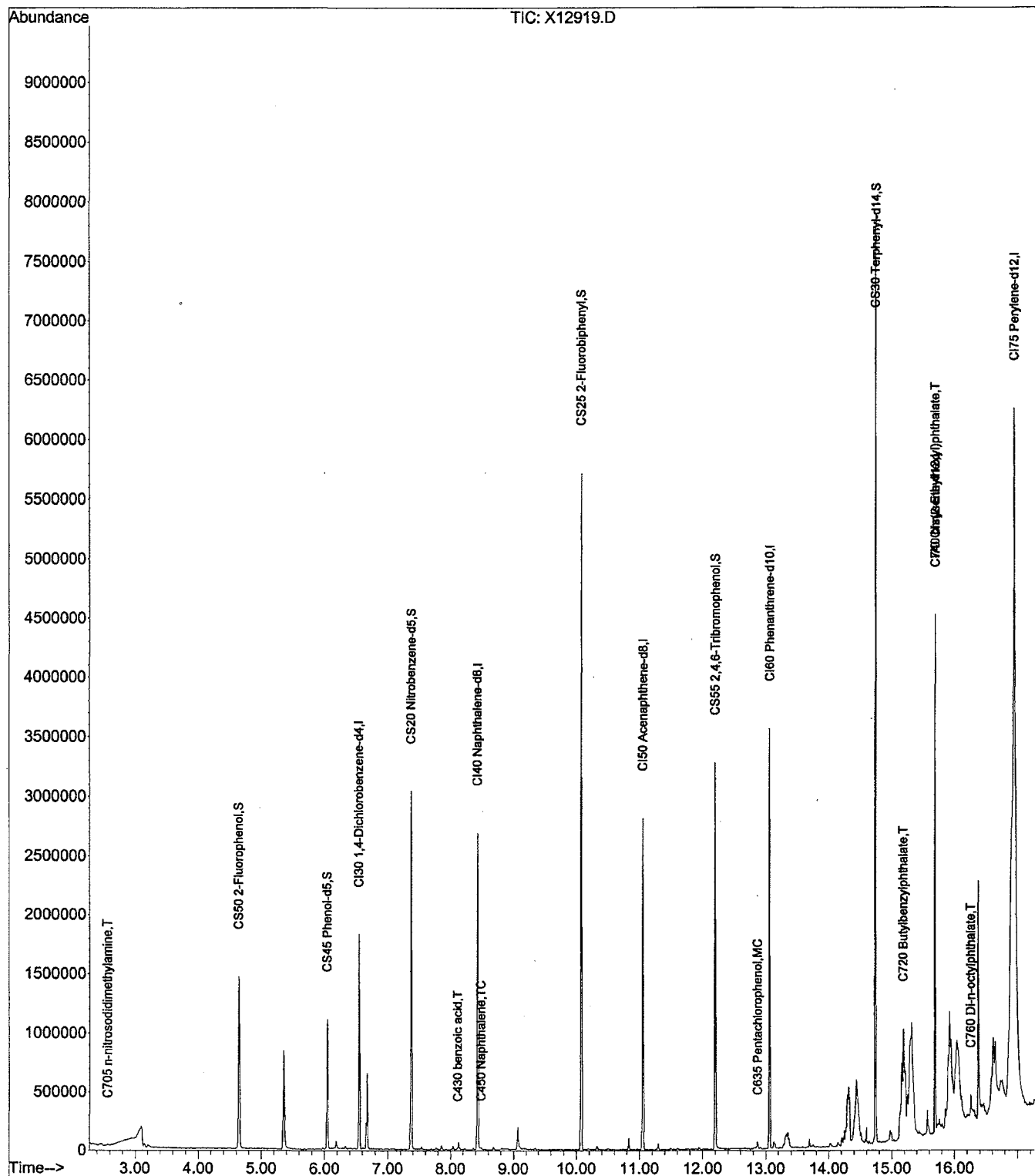
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

Data File : D:\DATA\103106\X12919.D
Acq On : 1 Nov 2006 4:42 am
Sample : A6C51208 AW60034319
Misc :
MS Integration Params: rteint.p

Vial: 53
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:21 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12919.D

Acq On : 1 Nov 2006 4:42 am

Sample : A6C51208 AW60034319

Misc :

Vial: 53

Operator: PM

Inst : HP5973X

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Nov 01 06:56:21 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Nov 01 06:53:55 2006

Response via : Initial Calibration

DataAcq Meth : CHLOROPYR

IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	310176	40.00	ng	0.00 92.99%
20) CI40 Naphthalene-d8	8.43	136	1343283	40.00	ng	0.00 95.50%
35) CI50 Acenaphthene-d8	11.06	164	696008	40.00	ng	0.00 95.35%
56) CI60 Phenanthrene-d10	13.06	188	1269453	40.00	ng	0.00 99.47%
68) CI70 Chrysene-d12	15.69	240	1266793	40.00	ng	0.00 103.17%
78) CI75 Perylene-d12	16.94	264	1249345	40.00	ng	0.00 102.00%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.65	112	548202	43.55	ng	0.01
Spiked Amount	150.000	Range	21 - 110	Recovery	=	29.03%
5) CS45 Phenol-d5	6.05	99	488028	30.72	ng	0.01
Spiked Amount	150.000	Range	10 - 110	Recovery	=	20.48%
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#
12) CS75 1,2-dichlorobenzene-d	6.71	152	179	0.03	ng	-0.06
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.03%#
21) CS20 Nitrobenzene-d5	7.37	82	1133645	87.43	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	87.43%
39) CS25 2-Fluorobiphenyl	10.07	172	1896395	89.75	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	89.75%
59) CS55 2,4,6-Tribromophenol	12.20	330	340588	135.10	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	90.07%
71) CS30 Terphenyl-d14	14.73	244	2216384	83.28	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	83.28%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.56	74	2455	0.34	ng	88
4) C325 bis(2-Chloroethyl)e	6.12	93	407	N.D.		
7) C315 Phenol	6.06	94	1066	N.D.		
8) C330 2-Chlorophenol	6.23	128	697	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	6.57	146	173	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	6.79	108	657	N.D.		
15) C360 bis(2-chloroisoprop	6.99	45	454	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.37	108	163	N.D.		
22) C410 Nitrobenzene	7.42	77	165	N.D.		
23) C415 Isophorone	8.04	82	2027	N.D.		
24) C430 benzoic acid	8.11	122	162	138.87	ng	# 47
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	8.13	93	197	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\103106\X12919.D

Acq On : 1 Nov 2006 4:42 am

Sample : A6C51208 AW60034319

Misc :

MS Integration Params: rteint.p

Quant Time: Nov 01 06:56:21 2006

Vial: 53

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Nov 01 06:53:55 2006

Response via : Initial Calibration

DataAcq Meth : CHLOROPYR

IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
--------------------	------	------	----------	------	-------	----------	----------

29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	8.48	128	6721	0.20 ng		69	
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	9.51	142	213	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	10.45	65	170	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	10.84	163	2371	N.D.			
44) C542 2,6-Dinitrotoluene	10.83	165	431	N.D.			
45) C550 Acenaphthene	11.11	153	163	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	11.30	168	442	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	11.77	149	1587	N.D.			
54) C620 1,2-diphenylhydraz	12.12	77	228	N.D.			
55) C595 4-Nitroaniline	11.95	138	171	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	12.87	266	4431	1.37 ng	#	1	
63) C640 Phenanthrene	13.08	178	1980	N.D.			
64) C645 Anthracene	13.14	178	179	N.D.			
65) C647 carbazole	13.32	167	360	N.D.			
66) C650 Di-n-butylphthalate	13.75	149	5406	N.D.			
67) C655 Fluoranthene	14.35	202	1839	N.D.			
69) C715 Pyrene	14.57	202	1815	N.D.			
70) C710 benzidine	14.54	184	188	N.D.			
72) C720 Butylbenzylphthalate	15.19	149	3709	0.20 ng	#	83	
73) C725 3,3'-Dichlorobenzid	15.55	252	170	N.D.			
74) C730 Benzo[a]anthracene	15.69	228	4769	N.D.			
75) C735 Chrysene	15.69	228	4769	N.D.			
76) C740 bis(2-Ethylhexyl)phth	15.69	149	28294	1.20 ng		97	
77) C760 Di-n-octylphthalate	16.25	149	12643	0.28 ng		91	
79) C765 Benzo[b]fluoranthene	16.59	252	1990	N.D.			
80) C770 Benzo[k]fluoranthene	16.70	252	219	N.D.			
81) C775 Benzo[a]pyrene	17.21	252	512	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

(#)=qualifier out of range (m)=manual integration (+)=signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

309/426

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: A6C51209

Sample wt/vol: 1030.0 (g/mL) ML Lab File ID: X12920.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

Data File : D:\DATA\103106\X12920.D

Acq On : 1 Nov 2006 5:05 am

Sample : A6C51209 AW60034320

Misc :

MS Integration Params: rteint.p

Vial: 54

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Quant Time: Nov 01 06:56:23 2006

Results File: 8270EQ.RES

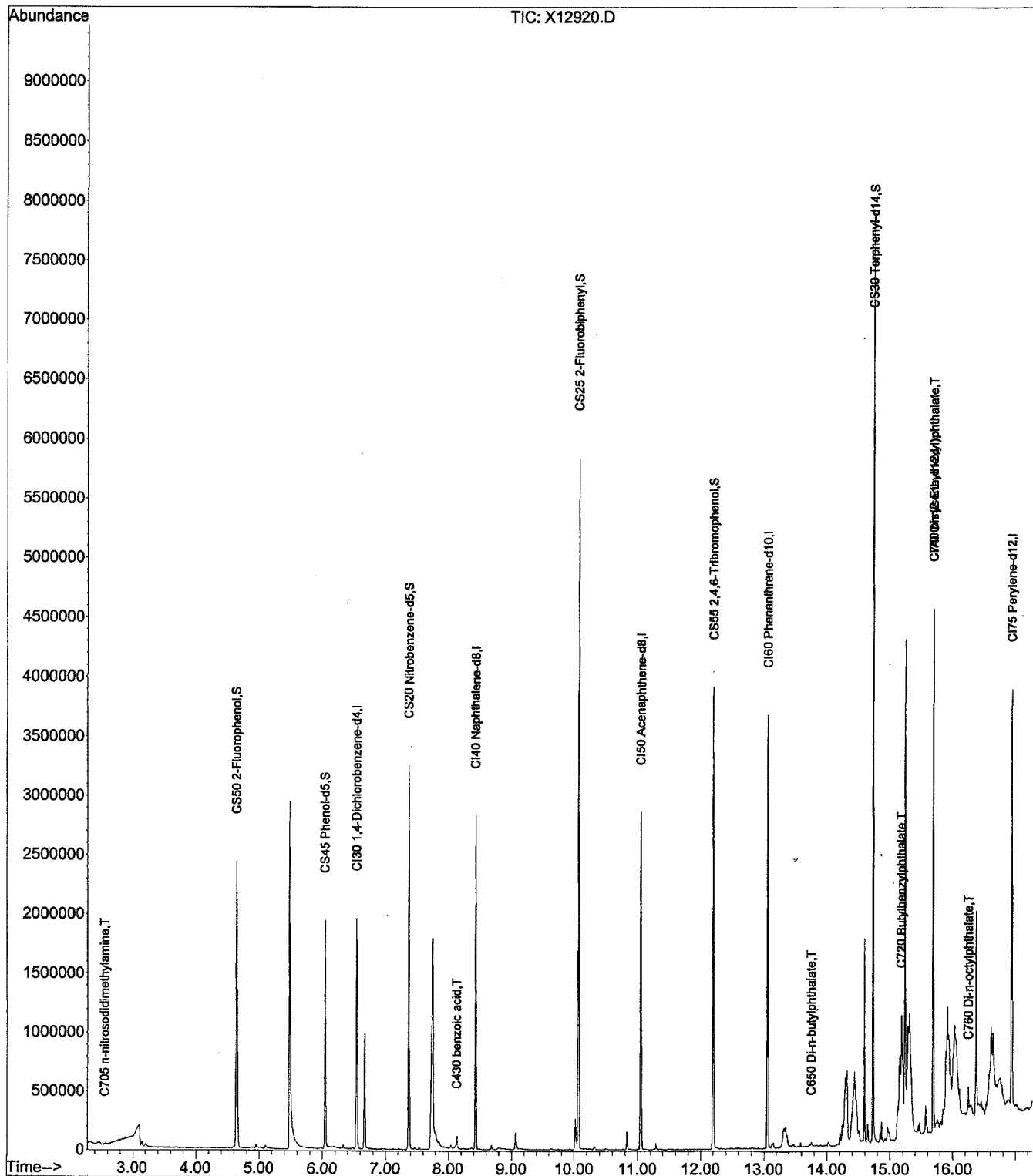
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Nov 01 06:53:55 2006

Response via : Initial Calibration

DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12920.D
 Acq On : 1 Nov 2006 5:05 am
 Sample : A6C51209 AW60034320
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Nov 01 06:56:23 2006

Vial: 54
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Nov 01 06:53:55 2006
 Response via : Initial Calibration
 DataAcq Meth : CHLOROPYR
 IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	328888	40.00	ng	0.00 98.60%
20) CI40 Naphthalene-d8	8.43	136	1397661	40.00	ng	0.00 99.36%
35) CI50 Acenaphthene-d8	11.06	164	721854	40.00	ng	0.00 98.89%
56) CI60 Phenanthrene-d10	13.06	188	1281256	40.00	ng	0.00 100.39%
68) CI70 Chrysene-d12	15.69	240	1258789	40.00	ng	0.00 102.51%
78) CI75 Perylene-d12	16.94	264	1282536	40.00	ng	0.00 104.71%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	890323	66.70	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	44.47%		
5) CS45 Phenol-d5	6.05	99	861408	51.14	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	34.09%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	7.37	82	1178207	87.33	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	87.33%		
39) CS25 2-Fluorobiphenyl	10.07	172	1974707	90.11	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	90.11%		
59) CS55 2,4,6-Tribromophenol	12.20	330	393564	154.67	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	103.11%		
71) CS30 Terphenyl-d14	14.73	244	2144093	81.08	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	81.08%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.56	74	1169	0.28	ng	89
4) C325 bis(2-Chloroethyl)e	6.13	93	175	N.D.		
7) C315 Phenol	6.06	94	1375	N.D.		
8) C330 2-Chlorophenol	6.24	128	163	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	6.65	146	161	N.D.		
13) C350 1,2-Dichlorobenzene	6.65	146	161	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	6.98	45	729	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.11	108	191	N.D.		
22) C410 Nitrobenzene	7.41	77	175	N.D.		
23) C415 Isophorone	8.13	82	3148	N.D.		
24) C430 benzoic acid	8.13	122	138.87	ng		89
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	7.75	107	523	N.D.		
27) C435 bis(2-Chloroethoxy)	8.13	93	1061	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\103106\X12920.D
 Acq On : 1 Nov 2006 5:05 am
 Sample : A6C51209 AW60034320
 Misc :

Vial: 54
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Nov 01 06:56:23 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Nov 01 06:53:55 2006
 Response via : Initial Calibration
 DataAcq Meth : CHLOROPYR
 IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	8.46	128	857	N.D.			
31) C455 4-Chloroaniline	8.69	127	169	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	9.07	107	191	N.D.			
34) C470 2-Methylnaphthalene	9.51	142	174	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	10.38	65	164	N.D.			
42) C540 Acenaphthylene	10.85	152	165	N.D.			
43) C535 Dimethylphthalate	10.66	163	182	N.D.			
44) C542 2,6-Dinitrotoluene	10.77	165	225	N.D.			
45) C550 Acenaphthene	11.10	153	175	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	11.38	109	161	N.D.			
51) C590 Fluorene	11.87	166	161	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	11.77	149	2033	N.D.			
54) C620 1,2-diphenylhydraz	12.11	77	372	N.D.			
55) C595 4-Nitroaniline	12.20	138	173	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	13.08	178	582	N.D.			
64) C645 Anthracene	13.15	178	489	N.D.			
65) C647 carbazole	13.17	167	161	N.D.			
66) C650 Di-n-butylphthalate	13.75	149	7745	0.22 ng		82	
67) C655 Fluoranthene	14.35	202	1157	N.D.			
69) C715 Pyrene	14.57	202	1129	N.D.			
70) C710 benzidine	14.65	184	208	N.D.			
72) C720 Butylbenzylphthalate	15.19	149	5084	0.28 ng		87	
73) C725 3,3'-Dichlorobenzid	15.66	252	161	N.D.			
74) C730 Benzo[a]anthracene	15.68	228	5341	N.D.			
75) C735 Chrysene	15.68	228	5341	N.D.			
76) C740 bis(2-Ethylhexyl)phth	15.69	149	70398	3.01 ng		87	
77) C760 Di-n-octylphthalate	16.25	149	18358	0.40 ng		96	
79) C765 Benzo[b]fluoranthene	16.59	252	1998	N.D.			
80) C770 Benzo[k]fluoranthene	16.59	252	1998	N.D.			
81) C775 Benzo[a]pyrene	16.59	252	1998	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

313/426

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: A6C51210

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12921.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

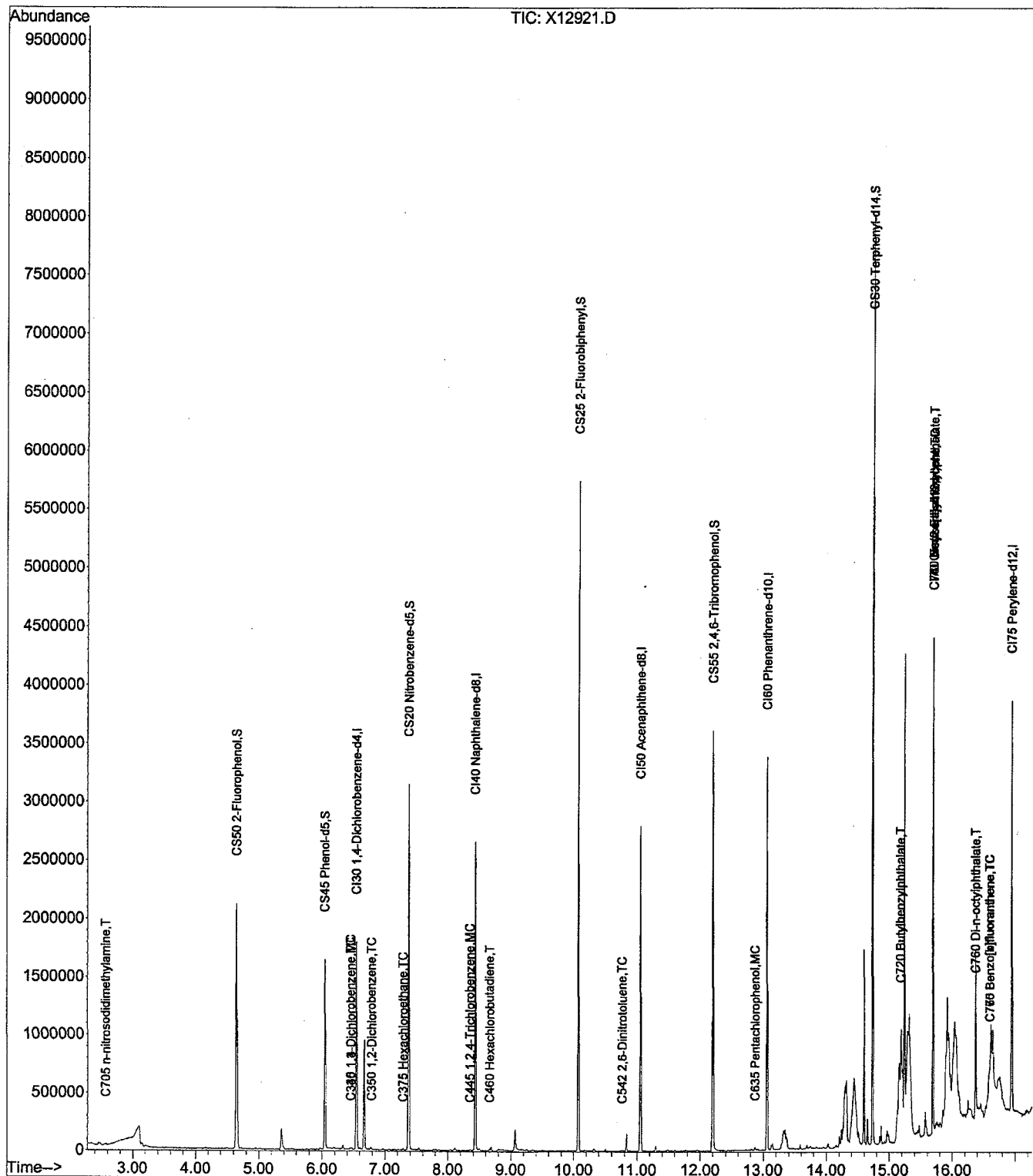
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

Data File : D:\DATA\103106\X12921.D
Acq On : 1 Nov 2006 5:28 am
Sample : A6C51210 AW60034321
Misc :
MS Integration Params: rteint.p

Vial: 55
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:25 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12921.D
Acq On : 1 Nov 2006 5:28 am
Sample : A6C51210 AW60034321
Misc :

Vial: 55
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:25 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.55	152	312803	40.00	ng	0.00 93.78%
20) CI40 Naphthalene-d8	8.43	136	1340646	40.00	ng	0.00 95.31%
35) CI50 Acenaphthene-d8	11.06	164	698575	40.00	ng	0.00 95.70%
56) CI60 Phenanthrene-d10	13.06	188	1237720	40.00	ng	0.00 96.98%
68) CI70 Chrysene-d12	15.69	240	1220791	40.00	ng	0.00 99.42%
78) CI75 Perylene-d12	16.94	264	1270802	40.00	ng	0.00 103.75%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.65	112	809770	63.79	ng	0.01
Spiked Amount	150.000	Range	21 - 110	Recovery	=	42.53%
5) CS45 Phenol-d5	6.05	99	730966	45.62	ng	0.01
Spiked Amount	150.000	Range	10 - 110	Recovery	=	30.41%
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	7.37	82	1154974	89.25	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	89.25%
39) CS25 2-Fluorobiphenyl	10.07	172	1884542	88.86	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	88.86%
59) CS55 2,4,6-Tribromophenol	12.20	330	364426	148.26	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	98.84%
71) CS30 Terphenyl-d14	14.73	244	2271041	88.55	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	88.55%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.57	74	354	0.48	ng	# 43
4) C325 bis(2-Chloroethyl)e	6.12	93	246	N.D.		
7) C315 Phenol	6.07	94	1067	N.D.		
8) C330 2-Chlorophenol	6.24	128	177	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	6.46	146	4178	0.35	ng	87
11) C340 1,4-Dichlorobenzene	6.46	146	4178	0.34	ng	85
13) C350 1,2-Dichlorobenzene	6.79	146	3492	0.31	ng	75
14) C345 Benzyl alcohol	6.77	108	301	N.D.		
15) C360 bis(2-chloroisoprop	6.98	45	3991	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	7.28	117	1852	0.43	ng	95
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.37	108	491	N.D.		
22) C410 Nitrobenzene	7.41	77	219	N.D.		
23) C415 Isophorone	8.11	82	986	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	8.44	93	425	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\103106\X12921.D
Acq On : 1 Nov 2006 5:28 am
Sample : A6C51210 AW60034321
Misc :
MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:25 2006

Vial: 55
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	8.35	180	2441	0.26	ng	#	87
30) C450 Naphthalene	8.46	128	6277	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	8.67	225	2657	0.60	ng	#	64
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	9.50	142	2995	N.D.			
36) C510 Hexachlorocyclopent	9.74	237	221	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	10.22	162	1197	N.D.			
41) C530 2-Nitroaniline	10.33	65	478	N.D.			
42) C540 Acenaphthylene	10.84	152	1333	N.D.			
43) C535 Dimethylphthalate	10.71	163	181	N.D.			
44) C542 2,6-Dinitrotoluene	10.77	165	1074	0.23	ng	#	28
45) C550 Acenaphthene	11.11	153	160	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	11.36	168	434	N.D.			
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50) C560 4-Nitrophenol	11.40	109	166	N.D.			
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	11.76	149	1334	N.D.			
54) C620 1,2-diphenylhydraz	12.11	77	276	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	12.87	266	1617	0.51	ng	#	10
63) C640 Phenanthrene	13.09	178	2152	N.D.			
64) C645 Anthracene	13.14	178	534	N.D.			
65) C647 carbazole	13.35	167	625	N.D.			
66) C650 Di-n-butylphthalate	13.75	149	6221	N.D.			
67) C655 Fluoranthene	14.35	202	4110	N.D.			
69) C715 Pyrene	14.57	202	4369	N.D.			
70) C710 benzidine	14.65	184	447	N.D.			
72) C720 Butylbenzylphthalate	15.19	149	5291	0.30	ng		99
73) C725 3,3'-Dichlorobenzid	15.58	252	170	N.D.			
74) C730 Benzo[a]anthracene	15.69	228	6422	0.20	ng		81
75) C735 Chrysene	15.71	228	3023	N.D.			
76) C740 bis(2-Ethylhexyl)phth	15.69	149	69047	3.04	ng		94
77) C760 Di-n-octylphthalate	16.38	149	17497	0.40	ng		92
79) C765 Benzo[b]fluoranthene	16.59	252	8623	0.24	ng		78
80) C770 Benzo[k]fluoranthene	16.59	252	8623	0.26	ng		79
81) C775 Benzo[a]pyrene	16.94	252	4926	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

317/426

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: A6C51211

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: X12924.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

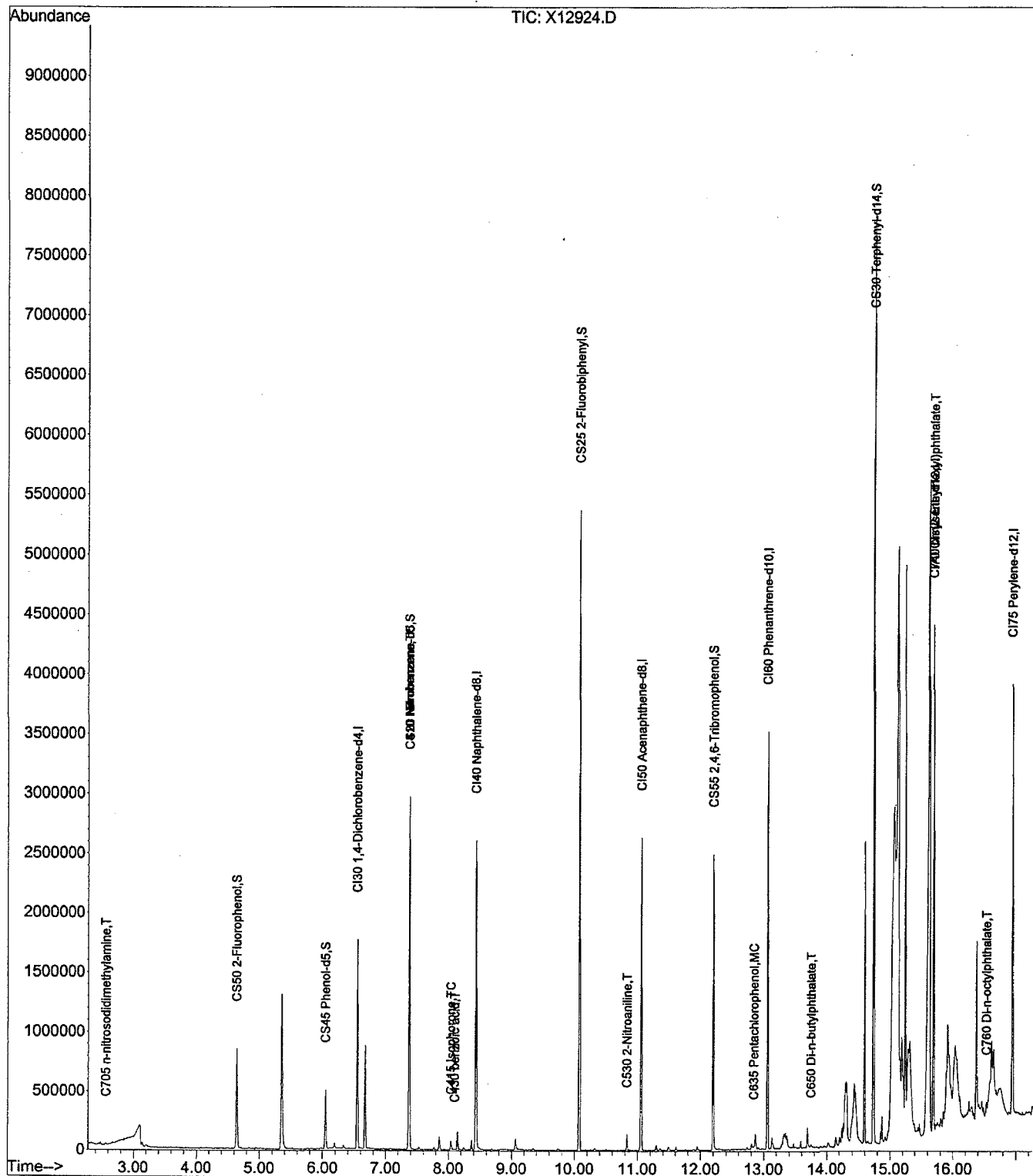
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

Data File : D:\DATA\103106\X12924.D
Acq On : 1 Nov 2006 6:37 am
Sample : A6C51211 AW60034324
Misc :
MS Integration Params: rteint.p

Vial: 58
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:59:44 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12924.D
Acq On : 1 Nov 2006 6:37 am
Sample : A6C51211 AW60034324
Misc :

Vial: 58
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 06:59:44 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	298199	40.00	ng	0.00 89.40%
20) CI40 Naphthalene-d8	8.43	136	1295054	40.00	ng	0.00 92.07%
35) CI50 Acenaphthene-d8	11.06	164	669514	40.00	ng	0.00 91.72%
56) CI60 Phenanthrene-d10	13.06	188	1199365	40.00	ng	0.00 93.98%
68) CI70 Chrysene-d12	15.69	240	1201639	40.00	ng	0.00 97.86%
78) CI75 Perylene-d12	16.94	264	1253833	40.00	ng	0.00 102.36%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	313675	25.92	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	17.28%	#	
5) CS45 Phenol-d5	6.05	99	218383	14.30	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	9.53%	#	
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%	#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%	#	
21) CS20 Nitrobenzene-d5	7.37	82	1093383	87.47	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	87.47%		
39) CS25 2-Fluorobiphenyl	10.07	172	1819974	89.54	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	89.54%		
59) CS55 2,4,6-Tribromophenol	12.20	330	245903	103.24	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	68.83%		
71) CS30 Terphenyl-d14	14.73	244	2235329	88.55	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	88.55%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.57	74	1778	0.25	ng	86
4) C325 bis(2-Chloroethyl)e	6.13	93	197	N.D.		
7) C315 Phenol	6.07	94	705	N.D.		
8) C330 2-Chlorophenol	6.22	128	523	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	6.79	108	211	N.D.		
15) C360 bis(2-chloroisoprop	6.98	45	466	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.38	108	200	N.D.		
22) C410 Nitrobenzene	7.38	77	8661	0.30	ng	# 49
23) C415 Isophorone	8.04	82	5963	0.26	ng	# 71
24) C430 benzoic acid	8.10	122	1021	138.89	ng	# 80
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	7.82	107	174	N.D.		
27) C435 bis(2-Chloroethoxy)	8.15	93	1587	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\103106\X12924.D
Acq On : 1 Nov 2006 6:37 am
Sample : A6C51211 AW60034324
Misc :
MS Integration Params: rteint.p
Quant Time: Nov 01 06:59:44 2006

Vial: 58
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)	
							Rcv(Ar)	
29)	C445	1,2,4-Trichlorobenz	0.00	180	0	N.D.		
30)	C450	Naphthalene	8.46	128	1135	N.D.		
31)	C455	4-Chloroaniline	0.00	127	0	N.D.		
32)	C460	Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465	4-Chloro-3-methylph	0.00	107	0	N.D.		
34)	C470	2-Methylnaphthalene	9.98	142	170	N.D.		
36)	C510	Hexachlorocyclopent	0.00	237	0	N.D.		
37)	C515	2,4,6-Trichlorophen	0.00	196	0	N.D.		
38)	C520	2,4,5-Trichlorophen	0.00	196	0	N.D.		
40)	C525	2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530	2-Nitroaniline	10.84	65	2207	0.36 ng	#	27
42)	C540	Acenaphthylene	0.00	152	0	N.D.		
43)	C535	Dimethylphthalate	10.83	163	3106	N.D.		
44)	C542	2,6-Dinitrotoluene	10.77	165	480	N.D.		
45)	C550	Acenaphthene	11.51	153	904	N.D.		
46)	C545	3-Nitroaniline	0.00	138	0	N.D.		
47)	C555	2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565	Dibenzofuran	11.30	168	246	N.D.		
49)	C570	2,4-Dinitrotoluene	11.48	165	450	N.D.		
50)	C560	4-Nitrophenol	11.37	109	162	N.D.		
51)	C590	Fluorene	0.00	166	0	N.D.		
52)	C585	4-Chlorophenyl-phen	11.62	204	623	N.D.		
53)	C580	Diethylphthalate	11.77	149	1855	N.D.		
54)	C620	1,2-diphenylhydraz	12.11	77	190	N.D.		
55)	C595	4-Nitroaniline	11.48	138	678	N.D.		
57)	C610	4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58)	C615	n-Nitrosodiphenylam	0.00	169	0	N.D.		
60)	C625	4-Bromophenyl-pheny	0.00	248	0	N.D.		
61)	C630	Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635	Pentachlorophenol	12.83	266	2557	0.84 ng	#	52
63)	C640	Phenanthrene	13.08	178	253	N.D.		
64)	C645	Anthracene	13.15	178	574	N.D.		
65)	C647	carbazole	13.32	167	179	N.D.		
66)	C650	Di-n-butylphthalate	13.75	149	6828	0.20 ng		92
67)	C655	Fluoranthene	14.36	202	200	N.D.		
69)	C715	Pyrene	14.58	202	558	N.D.		
70)	C710	benzidine	14.50	184	418	N.D.		
72)	C720	Butylbenzylphthalat	15.19	149	3362	N.D.		
73)	C725	3,3'-Dichlorobenzid	15.66	252	220	N.D.		
74)	C730	Benzo[a]anthracene	15.69	228	3268	N.D.		
75)	C735	Chrysene	15.69	228	3268	N.D.		
76)	C740	bis(2-Ethylhexyl)phth	15.69	149	64078	2.87 ng		96
77)	C760	Di-n-octylphthalate	16.53	149	29878	0.69 ng		96
79)	C765	Benzo[b]fluoranthene	16.84	252	163	N.D.		
80)	C770	Benzo[k]fluoranthene	16.84	252	163	N.D.		
81)	C775	Benzo[a]pyrene	16.90	252	951	N.D.		
82)	C780	Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.		
83)	C785	Dibenz[a,h]anthracene	0.00	278	0	N.D.		
84)	C790	Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

321/426

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: A6C51212

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12925.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/L

Q

CAS NO.	COMPOUND		
108-95-2-----	Phenol	5	U
106-44-5-----	4-Methylphenol	5	U
91-20-3-----	Naphthalene	5	U

Data File : D:\DATA\103106\X12925.D

Acq On : 1 Nov 2006 6:59 am

Sample : A6C51212 AW60034325

Misc :

MS Integration Params: rteint.p

Vial: 59

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Quant Time: Nov 01 10:23:27 2006

Results File: 8270EQ.RES

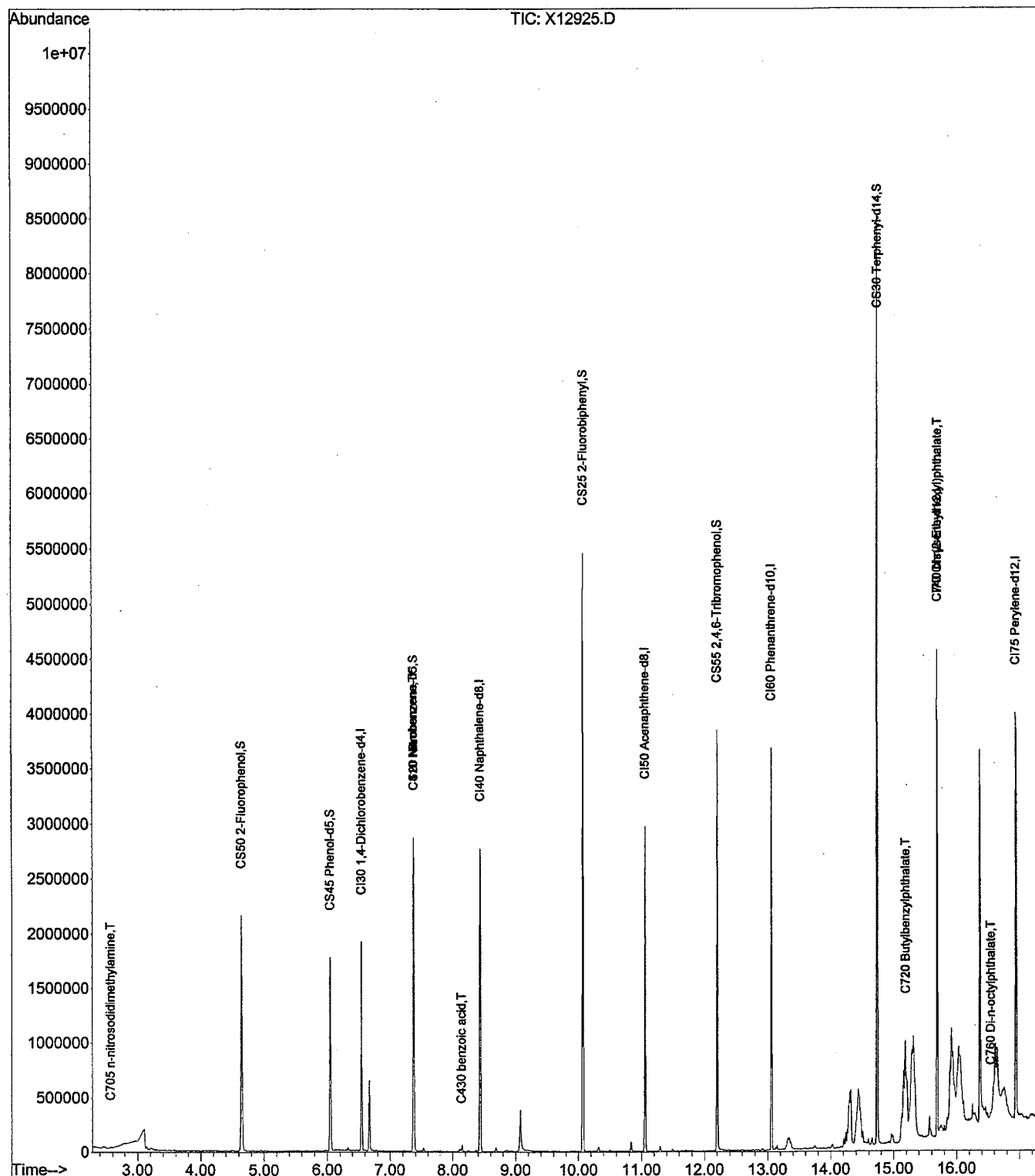
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Nov 01 10:22:46 2006

Response via : Initial Calibration

DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12925.D
 Acq On : 1 Nov 2006 6:59 am
 Sample : A6C51212 AW60034325
 Misc :

Vial: 59
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Nov 01 10:23:27 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Nov 01 10:22:46 2006
 Response via : Initial Calibration
 DataAcq Meth : CHLOROPYR
 IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	328464	40.00	ng	0.00 98.48%
20) CI40 Naphthalene-d8	8.43	136	1396369	40.00	ng	0.00 99.27%
35) CI50 Acenaphthene-d8	11.06	164	727856	40.00	ng	0.00 99.71%
56) CI60 Phenanthrene-d10	13.06	188	1286015	40.00	ng	0.00 100.77%
68) CI70 Chrysene-d12	15.69	240	1319802	40.00	ng	0.00 107.48%
78) CI75 Perylene-d12	16.94	264	1353410	40.00	ng	0.00 110.49%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	786855	59.03	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	39.35%
5) CS45 Phenol-d5	6.05	99	769822	45.76	ng	0.01
Spiked Amount	150.000	Range	10 - 110	Recovery	=	30.51%
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	7.37	82	1053986	78.20	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	78.20%
39) CS25 2-Fluorobiphenyl	10.07	172	1833612	82.98	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	82.98%
59) CS55 2,4,6-Tribromophenol	12.20	330	395760	154.96	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	103.31%
71) CS30 Terphenyl-d14	14.73	244	2441771	88.07	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	88.07%

Target Compounds

					Qvalue	
2) C705 n-nitrosodidimethylam	2.56	74	1859	0.24	ng	# 12
4) C325 bis(2-Chloroethyl)e	6.11	93	437	N.D.		
7) C315 Phenol	6.06	94	1472	N.D.		
8) C330 2-Chlorophenol	0.00	128	0	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	6.79	108	436	N.D.		
15) C360 bis(2-chloroisoprop	7.00	45	1245	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.37	108	242	N.D.		
22) C410 Nitrobenzene	7.37	77	3380	0.25	ng	# 38
23) C415 Isophorone	8.12	82	1143	N.D.		
24) C430 benzoic acid	8.13	122	195	138.87	ng	# 35
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	7.86	107	160	N.D.		
27) C435 bis(2-Chloroethoxy)	8.15	93	867	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\103106\X12925.D
Acq On : 1 Nov 2006 6:59 am
Sample : A6C51212 AW60034325
Misc :

Vial: 59
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 10:23:27 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 10:22:46 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
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29) C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30) C450 Naphthalene	8.46	128	486	N.D.			
31) C455 4-Chloroaniline	0.00	127	0	N.D.			
32) C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33) C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34) C470 2-Methylnaphthalene	0.00	142	0	N.D.			
36) C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40) C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41) C530 2-Nitroaniline	10.44	65	334	N.D.			
42) C540 Acenaphthylene	0.00	152	0	N.D.			
43) C535 Dimethylphthalate	10.83	163	1890	N.D.			
44) C542 2,6-Dinitrotoluene	10.76	165	396	N.D.			
45) C550 Acenaphthene	11.30	153	171	N.D.			
46) C545 3-Nitroaniline	0.00	138	0	N.D.			
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48) C565 Dibenzofuran	0.00	168	0	N.D.			
49) C570 2,4-Dinitrotoluene	11.58	165	178	N.D.			
50) C560 4-Nitrophenol	0.00	109	0	N.D.			
51) C590 Fluorene	0.00	166	0	N.D.			
52) C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53) C580 Diethylphthalate	11.77	149	1176	N.D.			
54) C620 1,2-diphenylhydraz	12.10	77	282	N.D.			
55) C595 4-Nitroaniline	0.00	138	0	N.D.			
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61) C630 Hexachlorobenzene	0.00	284	0	N.D.			
62) C635 Pentachlorophenol	0.00	266	0	N.D.			
63) C640 Phenanthrene	13.08	178	623	N.D.			
64) C645 Anthracene	13.13	178	166	N.D.			
65) C647 carbazole	13.33	167	233	N.D.			
66) C650 Di-n-butylphthalate	13.75	149	6170	N.D.			
67) C655 Fluoranthene	14.35	202	526	N.D.			
69) C715 Pyrene	14.57	202	510	N.D.			
70) C710 benzidine	14.50	184	167	N.D.			
72) C720 Butylbenzylphthalate	15.19	149	4513	0.24 ng	#	16	
73) C725 3,3'-Dichlorobenzid	15.76	252	182	N.D.			
74) C730 Benzo[a]anthracene	15.69	228	4094	N.D.			
75) C735 Chrysene	15.69	228	4094	N.D.			
76) C740 bis(2-Ethylhexyl)phth	15.69	149	30962	1.26 ng		90	
77) C760 Di-n-octylphthalate	16.54	149	15340	0.32 ng		100	
79) C765 Benzo[b]fluoranthen	16.94	252	6460	N.D.			
80) C770 Benzo[k]fluoranthen	16.61	252	754	N.D.			
81) C775 Benzo[a]pyrene	16.94	252	6460	N.D.			
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.			
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

325/426

Client No.

MW-20

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A6C51213

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12926.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

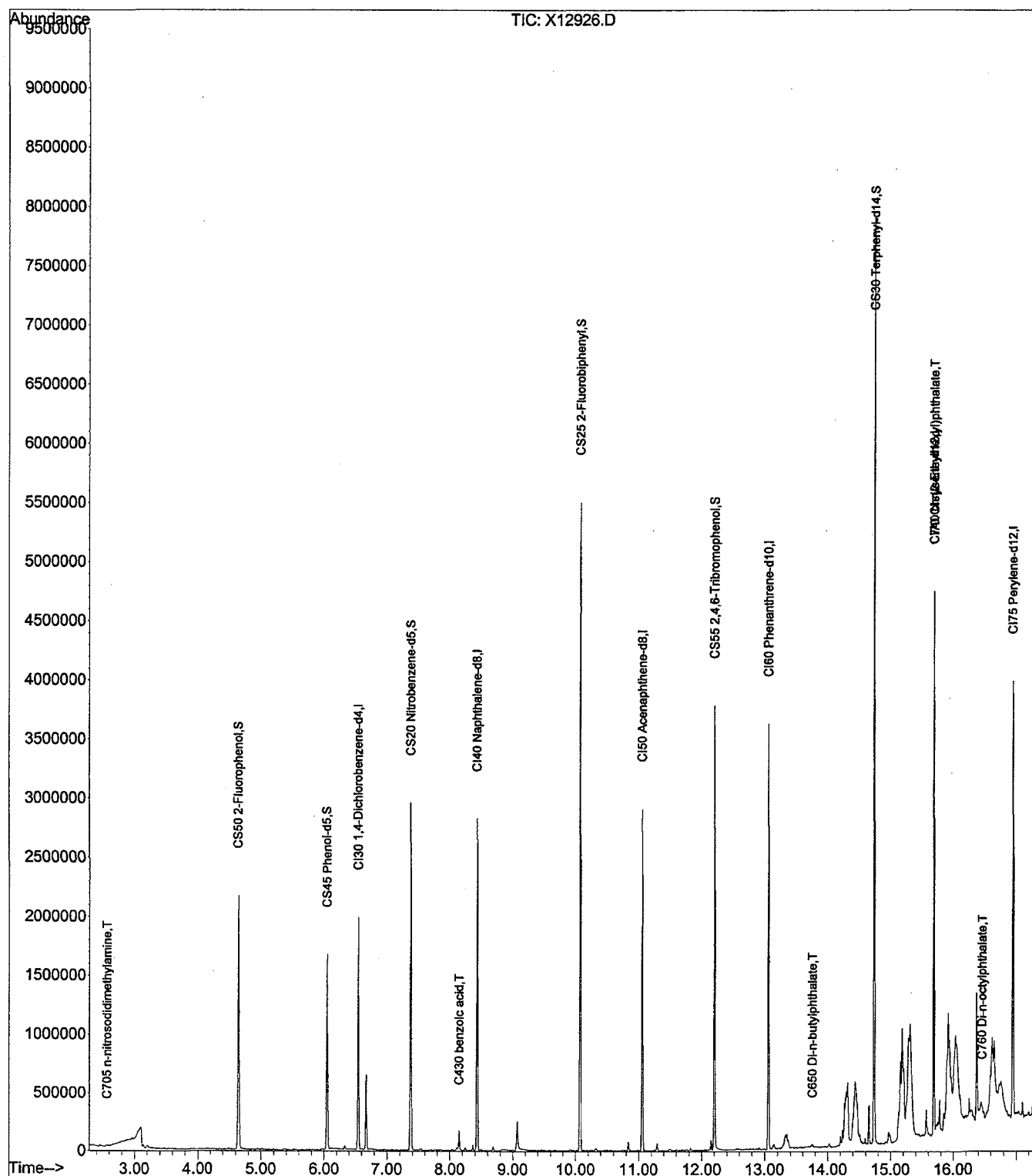
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	UG/L	Q
108-95-2-----	Phenol	5	U
106-44-5-----	4-Methylphenol	5	U
91-20-3-----	Naphthalene	5	U

Data File : D:\DATA\103106\X12926.D
Acq On : 1 Nov 2006 7:22 am
Sample : A6C51213 AW60034326
Misc :
MS Integration Params: rteint.p

Vial: 60
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 10:23:29 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 10:22:46 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12926.D
 Acq On : 1 Nov 2006 7:22 am
 Sample : A6C51213 AW60034326
 Misc :
 MS Integration Params: rteint.p
 Quant Time: Nov 01 10:23:29 2006

Vial: 60
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Nov 01 10:22:46 2006
 Response via : Initial Calibration
 DataAcq Meth : CHLOROPYR
 IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	329560	40.00	ng	0.00 98.80%
20) CI40 Naphthalene-d8	8.43	136	1402543	40.00	ng	0.00 99.71%
35) CI50 Acenaphthene-d8	11.06	164	732474	40.00	ng	0.00 100.34%
56) CI60 Phenanthrene-d10	13.06	188	1289232	40.00	ng	0.00 101.02%
68) CI70 Chrysene-d12	15.69	240	1329375	40.00	ng	0.00 108.26%
78) CI75 Perylene-d12	16.94	264	1368011	40.00	ng	0.00 111.69%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	773195	57.81	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	38.54%		
5) CS45 Phenol-d5	6.05	99	752745	44.59	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	29.73%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	7.37	82	1080487	79.81	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	79.81%		
39) CS25 2-Fluorobiphenyl	10.07	172	1813081	81.54	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	81.54%		
59) CS55 2,4,6-Tribromophenol	12.20	330	392941	153.47	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	102.31%		
71) CS30 Terphenyl-d14	14.74	244	2361759	84.57	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	84.57%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.58	74	2247	0.29	ng	# 1
4) C325 bis(2-Chloroethyl)e	6.10	93	434	N.D.		
7) C315 Phenol	6.06	94	1711	N.D.		
8) C330 2-Chlorophenol	6.23	128	174	N.D.		
9) C320 aniline	6.08	93	375	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	0.00	108	0	N.D.		
15) C360 bis(2-chloroisoprop	6.97	45	1918	N.D.		
16) C355 2-Methylphenol	6.96	108	269	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.37	108	348	N.D.		
22) C410 Nitrobenzene	7.42	77	198	N.D.		
23) C415 Isophorone	8.15	82	3033	N.D.		
24) C430 benzoic acid	8.15	172	182	138.87	ng	# 48
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	8.13	93	450	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\103106\X12926.D
Acq On : 1 Nov 2006 7:22 am
Sample : A6C51213 AW60034326
Misc :

Vial: 60
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 10:23:29 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 10:22:46 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
29)	C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.		
30)	C450 Naphthalene	8.46	128	1674	N.D.		
31)	C455 4-Chloroaniline	8.70	127	168	N.D.		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylph	9.56	107	190	N.D.		
34)	C470 2-Methylnaphthalene	9.51	142	256	N.D.		
36)	C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530 2-Nitroaniline	10.31	65	221	N.D.		
42)	C540 Acenaphthylene	0.00	152	0	N.D.		
43)	C535 Dimethylphthalate	10.83	163	1844	N.D.		
44)	C542 2,6-Dinitrotoluene	10.77	165	909	N.D.		
45)	C550 Acenaphthene	11.53	153	1806	N.D.		
46)	C545 3-Nitroaniline	0.00	138	0	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	11.37	168	161	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	11.39	109	200	N.D.		
51)	C590 Fluorene	0.00	166	0	N.D.		
52)	C585 4-Chlorophenyl-phen	11.63	204	166	N.D.		
53)	C580 Diethylphthalate	11.77	149	3611	N.D.		
54)	C620 1,2-diphenylhydraz	12.11	77	186	N.D.		
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60)	C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	12.87	266	203	N.D.		
63)	C640 Phenanthrene	13.08	178	1048	N.D.		
64)	C645 Anthracene	13.14	178	408	N.D.		
65)	C647 carbazole	13.36	167	219	N.D.		
66)	C650 Di-n-butylphthalate	13.75	149	8467	0.23 ng		82
67)	C655 Fluoranthene	14.35	202	1417	N.D.		
69)	C715 Pyrene	14.57	202	1515	N.D.		
70)	C710 benzidine	14.65	184	499	N.D.		
72)	C720 Butylbenzylphthalat	15.19	149	3714	N.D.		
73)	C725 3,3'-Dichlorobenzid	15.48	252	180	N.D.		
74)	C730 Benzo[a]anthracene	15.69	228	4411	N.D.		
75)	C735 Chrysene	15.71	228	842	N.D.		
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	27396	1.11 ng		94
77)	C760 Di-n-octylphthalate	16.46	149	17724	0.37 ng		96
79)	C765 Benzo[b]fluoranthen	16.47	252	200	N.D.		
80)	C770 Benzo[k]fluoranthen	16.80	252	172	N.D.		
81)	C775 Benzo[a]pyrene	16.94	252	6198	N.D.		
82)	C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.		
83)	C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.		
84)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

329/426

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: A6C51214

Sample wt/vol: 1030.0 (g/mL) ML

Lab File ID: X12927.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

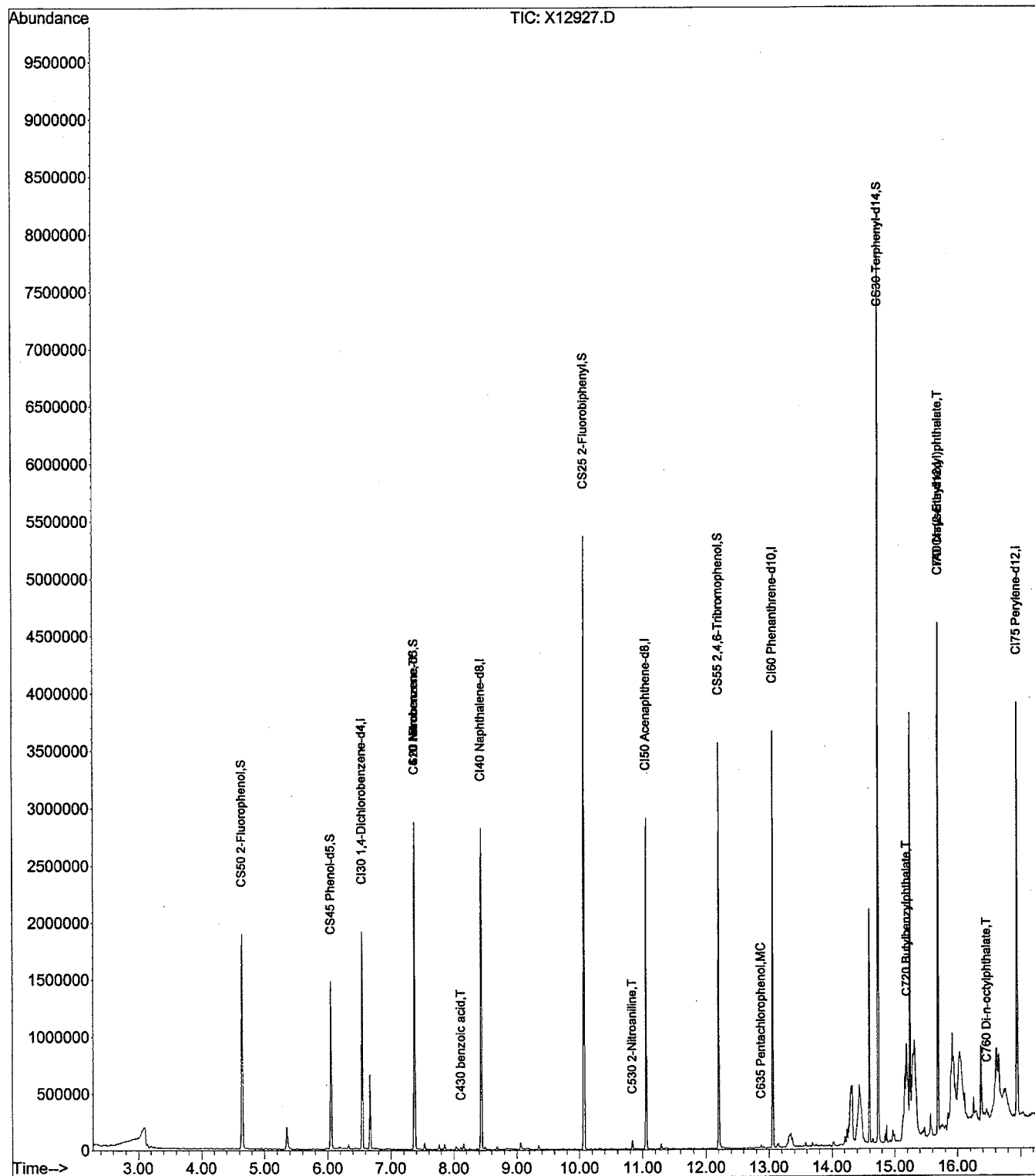
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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

Data File : D:\DATA\103106\X12927.D
Acq On : 1 Nov 2006 7:45 am
Sample : A6C51214 AW60034327
Misc :
MS Integration Params: rteint.p

Vial: 61
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 10:23:31 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 10:22:46 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12927.D
 Acq On : 1 Nov 2006 7:45 am
 Sample : A6C51214 AW60034327
 Misc :

Vial: 61
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

MS Integration Params: rteint.p
 Quant Time: Nov 01 10:23:31 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Nov 01 10:22:46 2006
 Response via : Initial Calibration
 DataAcq Meth : CHLOROPYR
 IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	316683	40.00	ng	0.00 94.94%
20) CI40 Naphthalene-d8	8.43	136	1385273	40.00	ng	0.00 98.48%
35) CI50 Acenaphthene-d8	11.06	164	710829	40.00	ng	0.00 97.38%
56) CI60 Phenanthrene-d10	13.06	188	1273173	40.00	ng	0.00 99.76%
68) CI70 Chrysene-d12	15.69	240	1257792	40.00	ng	0.00 102.43%
78) CI75 Perylene-d12	16.94	264	1289533	40.00	ng	0.00 105.28%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	694675	54.05	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	36.03%		
5) CS45 Phenol-d5	6.05	99	662016	40.81	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	27.21%		
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.00%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	7.37	82	1052774	78.73	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	78.73%		
39) CS25 2-Fluorobiphenyl	10.07	172	1797472	83.30	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	83.30%		
59) CS55 2,4,6-Tribromophenol	12.20	330	372133	147.18	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	98.12%		
71) CS30 Terphenyl-d14	14.74	244	2361710	89.38	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	89.38%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	2.65	74	174	N.D.		
4) C325 bis(2-Chloroethyl)e	6.11	93	380	N.D.		
7) C315 Phenol	6.07	94	1538	N.D.		
8) C330 2-Chlorophenol	6.24	128	190	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	6.80	108	247	N.D.		
15) C360 bis(2-chloroisoprop	6.98	45	1226	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	0.00	117	0	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	0.00	108	0	N.D.		
22) C410 Nitrobenzene	7.37	77	3045	0.23	ng	# 44
23) C415 Isophorone	8.04	82	2624	N.D.		
24) C430 benzoic acid	8.11	122	165	138.87	ng	# 1
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	8.15	93	629	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Data File : D:\DATA\103106\X12927.D

Acq On : 1 Nov 2006 7:45 am

Sample : A6C51214 AW60034327

Misc :

MS Integration Params: rteint.p

Quant Time: Nov 01 10:23:31 2006

Vial: 61

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Nov 01 10:22:46 2006

Response via : Initial Calibration

DataAcq Meth : CHLOROPYR

IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)	Rcv(Ar)
29)	C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.			
30)	C450 Naphthalene	8.44	128	356	N.D.			
31)	C455 4-Chloroaniline	8.51	127	174	N.D.			
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.			
33)	C465 4-Chloro-3-methylph	0.00	107	0	N.D.			
34)	C470 2-Methylnaphthalene	9.50	142	339	N.D.			
36)	C510 Hexachlorocyclopent	0.00	237	0	N.D.			
37)	C515 2,4,6-Trichlorophen	0.00	196	0	N.D.			
38)	C520 2,4,5-Trichlorophen	0.00	196	0	N.D.			
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.			
41)	C530 2-Nitroaniline	10.83	65	1672	0.26	ng	#	32
42)	C540 Acenaphthylene	0.00	152	0	N.D.			
43)	C535 Dimethylphthalate	10.83	163	1077	N.D.			
44)	C542 2,6-Dinitrotoluene	0.00	165	0	N.D.			
45)	C550 Acenaphthene	11.53	153	162	N.D.			
46)	C545 3-Nitroaniline	0.00	138	0	N.D.			
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.			
48)	C565 Dibenzofuran	11.30	168	267	N.D.			
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.			
50)	C560 4-Nitrophenol	0.00	109	0	N.D.			
51)	C590 Fluorene	0.00	166	0	N.D.			
52)	C585 4-Chlorophenyl-phen	0.00	204	0	N.D.			
53)	C580 Diethylphthalate	11.77	149	1134	N.D.			
54)	C620 1,2-diphenylhydraz	12.12	77	187	N.D.			
55)	C595 4-Nitroaniline	0.00	138	0	N.D.			
57)	C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.			
58)	C615 n-Nitrosodiphenylam	0.00	169	0	N.D.			
60)	C625 4-Bromophenyl-pheny	0.00	248	0	N.D.			
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.			
62)	C635 Pentachlorophenol	12.87	266	1594	0.49	ng	#	6
63)	C640 Phenanthrene	13.08	178	544	N.D.			
64)	C645 Anthracene	13.08	178	544	N.D.			
65)	C647 carbazole	13.35	167	254	N.D.			
66)	C650 Di-n-butylphthalate	13.75	149	5972	N.D.			
67)	C655 Fluoranthene	14.35	202	323	N.D.			
69)	C715 Pyrene	14.74	202	6016	N.D.			
70)	C710 benzidine	14.29	184	454	N.D.			
72)	C720 Butylbenzylphthalate	15.19	149	4883	0.27	ng	#	74
73)	C725 3,3'-Dichlorobenzid	15.91	252	192	N.D.			
74)	C730 Benzo[a]anthracene	15.69	228	3599	N.D.			
75)	C735 Chrysene	15.69	228	3599	N.D.			
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	58140	2.48	ng		95
77)	C760 Di-n-octylphthalate	16.46	149	15397	0.34	ng		93
79)	C765 Benzo[b]fluoranthene	16.59	252	420	N.D.			
80)	C770 Benzo[k]fluoranthene	16.62	252	206	N.D.			
81)	C775 Benzo[a]pyrene	16.88	252	354	N.D.			
82)	C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.			
83)	C785 Dibenz[a,h]anthracene	0.00	278	0	N.D.			
84)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.			

(#)=qualifier out of range (m)=manual integration (+)=signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

333/426

Client No.

MW-9/10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51215

Sample wt/vol: 1040.0 (g/mL) ML Lab File ID: X12944.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL) Dilution Factor: 1.00

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

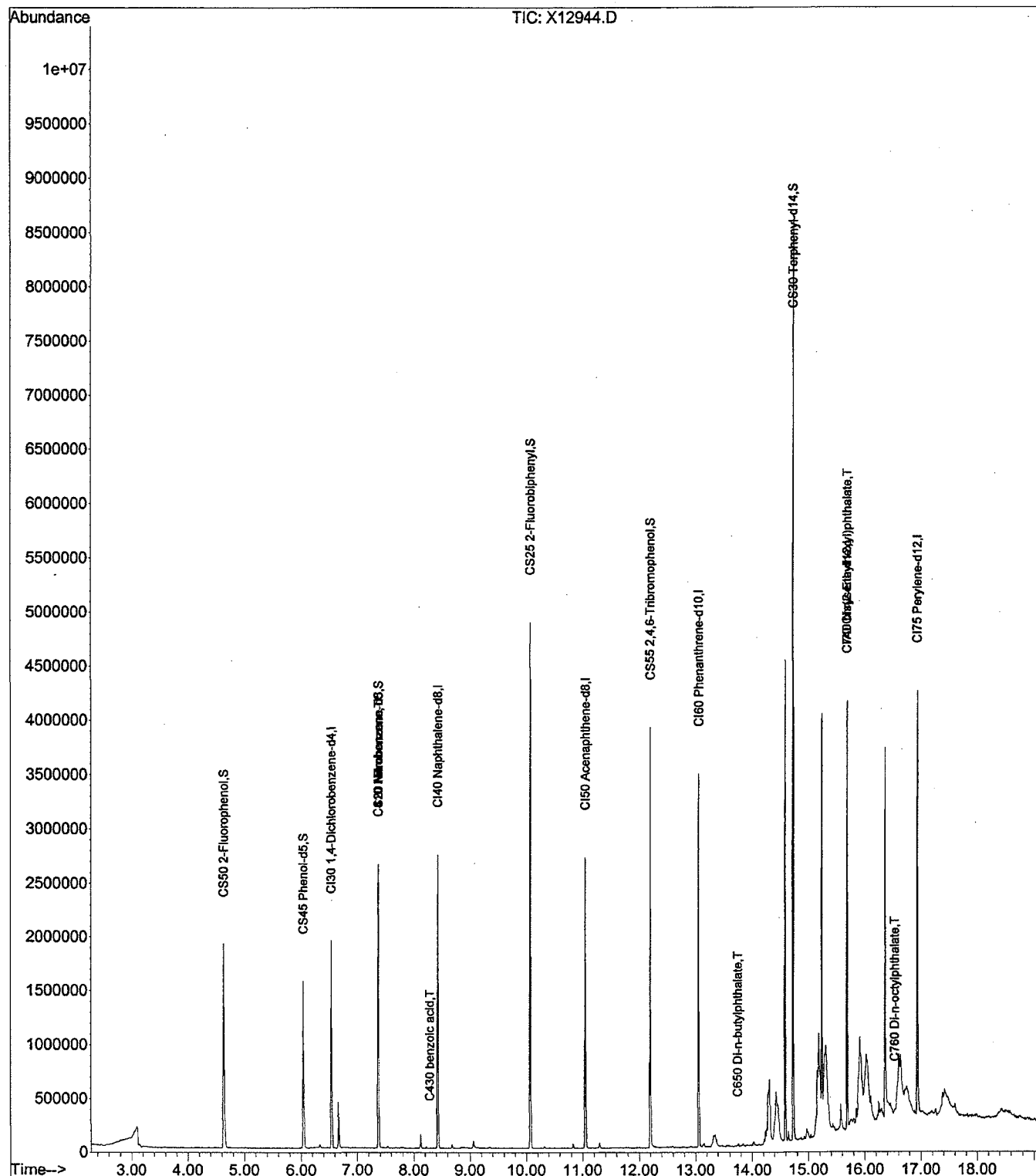
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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	

Data File : D:\DATA\110106\X12944.D
Acq On : 1 Nov 2006 3:23 pm
Sample : A6C51215 AW60034328
Misc :
MS Integration Params: rteint.p

Vial: 16
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 02 07:28:25 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Nov 02 07:27:44 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\110106\X12944.D
Acq On : 1 Nov 2006 3:23 pm
Sample : A6C51215 AW60034328
Misc :

Vial: 16
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 02 07:28:25 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Thu Nov 02 07:27:44 2006
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : D:\DATA\110106\X12930.D (1 Nov 2006 9:34 am)

✓
n(2)f
C

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	317497	40.00	ng	0.00 96.34%
20) CI40 Naphthalene-d8	8.43	136	1359300	40.00	ng	0.00 97.62%
35) CI50 Acenaphthene-d8	11.06	164	705323	40.00	ng	0.00 97.56%
56) CI60 Phenanthrene-d10	13.06	188	1253293	40.00	ng	0.00 101.90%
68) CI70 Chrysene-d12	15.69	240	1255462	40.00	ng	0.00 102.24%
78) CI75 Perylene-d12	16.94	264	1367436	40.00	ng	0.00 107.40%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	709401	55.05	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	36.70%
5) CS45 Phenol-d5	6.04	99	705834	43.40	ng	0.00
Spiked Amount	150.000	Range	10 - 110	Recovery	=	28.93%
6) CS70 2-chlorophenol-d4	6.38	132	165	0.01	ng	0.17
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.01%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	7.37	82	973434	74.19	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	74.19%
39) CS25 2-Fluorobiphenyl	10.07	172	1710669	79.89	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	79.89%
59) CS55 2,4,6-Tribromophenol	12.20	330	381981	153.47	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	102.31%
71) CS30 Terphenyl-d14	14.73	244	2337579	88.63	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	88.63%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	2.84	74	214	N.D.		
4) C325 bis(2-Chloroethyl)e	6.12	93	223	N.D.		
7) C315 Phenol	6.06	94	1654	N.D.		
8) C330 2-Chlorophenol	6.22	128	403	N.D.		
9) C320 aniline	0.00	93	0	N.D.		
10) C335 1,3-Dichlorobenzene	0.00	146	0	N.D.		
11) C340 1,4-Dichlorobenzene	0.00	146	0	N.D.		
13) C350 1,2-Dichlorobenzene	0.00	146	0	N.D.		
14) C345 Benzyl alcohol	6.78	108	164	N.D.		
15) C360 bis(2-chloroisoprop	6.99	45	988	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	7.38	117	161	N.D.		
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.37	108	697	N.D.		
22) C410 Nitrobenzene	7.37	77	3391	0.26	ng	# 39
23) C415 Isophorone	8.12	82	3133	N.D.		
24) C430 benzoic acid	8.30	122	166	138.87	ng	# 1
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	7.75	107	183	N.D.		
27) C435 bis(2-Chloroethoxy)	8.12	93	1207	N.D.		
28) C440 2,4-Dichlorophenol	0.00	162	0	N.D.		

Nov
11/6/06

Data File : D:\DATA\110106\X12944.D

Acq On : 1 Nov 2006 3:23 pm

Sample : A6C51215 AW60034328

Misc :

MS Integration Params: rteint.p

Quant Time: Nov 02 07:28:25 2006

Vial: 16

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Thu Nov 02 07:27:44 2006

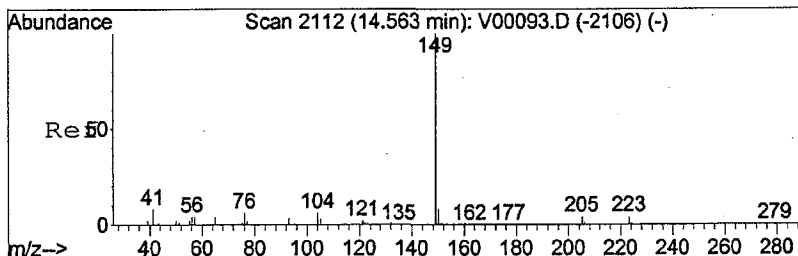
Response via : Initial Calibration

DataAcq Meth : 8270

IS QA File : D:\DATA\110106\X12930.D (1 Nov 2006 9:34 am)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
29)	C445 1,2,4-Trichlorobenz	0.00	180	0	N.D.		
30)	C450 Naphthalene	8.47	128	1224	N.D.		
31)	C455 4-Chloroaniline	0.00	127	0	N.D.		
32)	C460 Hexachlorobutadiene	0.00	225	0	N.D.		
33)	C465 4-Chloro-3-methylph	9.09	107	180	N.D.		
34)	C470 2-Methylnaphthalene	9.51	142	338	N.D.		
36)	C510 Hexachlorocyclopent	0.00	237	0	N.D.		
37)	C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38)	C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40)	C525 2-Chloronaphthalene	0.00	162	0	N.D.		
41)	C530 2-Nitroaniline	10.31	65	176	N.D.		
42)	C540 Acenaphthylene	10.84	152	170	N.D.		
43)	C535 Dimethylphthalate	10.83	163	909	N.D.		
44)	C542 2,6-Dinitrotoluene	10.84	165	182	N.D.		
45)	C550 Acenaphthene	0.00	153	0	N.D.		
46)	C545 3-Nitroaniline	0.00	138	0	N.D.		
47)	C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48)	C565 Dibenzofuran	11.30	168	333	N.D.		
49)	C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50)	C560 4-Nitrophenol	0.00	109	0	N.D.		
51)	C590 Fluorene	0.00	166	0	N.D.		
52)	C585 4-Chlorophenyl-phen	0.00	204	0	N.D.		
53)	C580 Diethylphthalate	11.76	149	1371	N.D.		
54)	C620 1,2-diphenylhydraz	12.13	77	239	N.D.		
55)	C595 4-Nitroaniline	0.00	138	0	N.D.		
57)	C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58)	C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60)	C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61)	C630 Hexachlorobenzene	0.00	284	0	N.D.		
62)	C635 Pentachlorophenol	0.00	266	0	N.D.		
63)	C640 Phenanthrene	13.09	178	716	N.D.		
64)	C645 Anthracene	13.14	178	518	N.D.		
65)	C647 carbazole	13.32	167	205	N.D.		
66)	C650 Di-n-butylphthalate	13.75	149	7547	0.22 ng		87
67)	C655 Fluoranthene	14.36	202	455	N.D.		
69)	C715 Pyrene	14.57	202	2392	N.D.		
70)	C710 benzidine	14.46	184	168	N.D.		
72)	C720 Butylbenzylphthalat	15.19	149	3496	N.D.		
73)	C725 3,3'-Dichlorobenzid	15.66	252	182	N.D.		
74)	C730 Benzo[a]anthracene	15.24	228	2332	N.D.		
75)	C735 Chrysene	15.24	228	2333	N.D.		
76)	C740 bis(2-Ethylhexyl)phth	15.68	149	30593	1.31 ng		84
77)	C760 Di-n-octylphthalate	16.53	149	12244	0.27 ng		73
79)	C765 Benzo[b]fluoranthene	16.94	252	5988	N.D.		
80)	C770 Benzo[k]fluoranthene	16.60	252	1491	N.D.		
81)	C775 Benzo[a]pyrene	16.94	252	5988	N.D.		
82)	C780 Indeno[1,2,3-cd]pyr	17.99	276	181	N.D.		
83)	C785 Dibenz[a,h]anthracene	18.00	278	222	N.D.		
84)	C790 Benzo[g,h,i]perylene	18.29	276	196	N.D.		

(#)=qualifier out of range (m)=manual integration (+)=signals summed



#66

C650 Di-n-butylphthalate

Concen: 0.22 ng

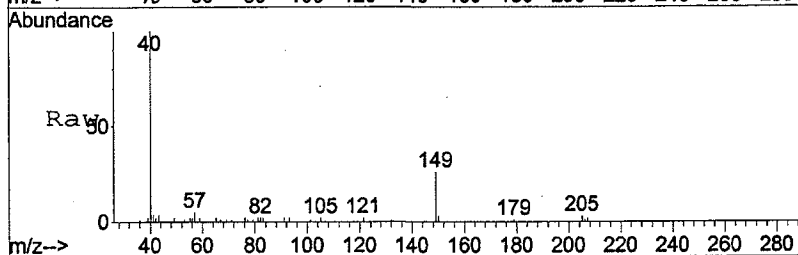
RT: 13.75 min Scan# 2146

Delta R.T. -0.01 min

Lab File: X12944.D

Acq: 1 Nov 2006 3:23 pm

Tgt Ion:	149	Resp:	7547
Ion Ratio	Lower	Upper	
149	100		
150	12.9	0.0	29.0
104	0.0	0.0	25.3

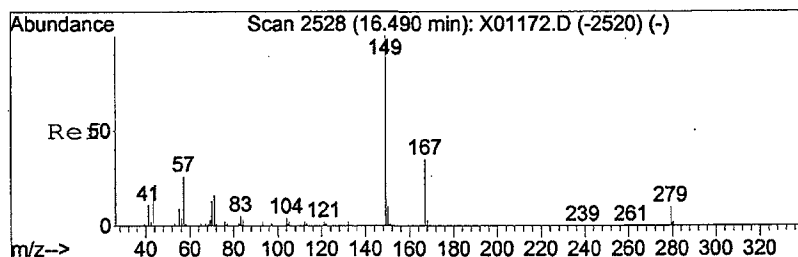
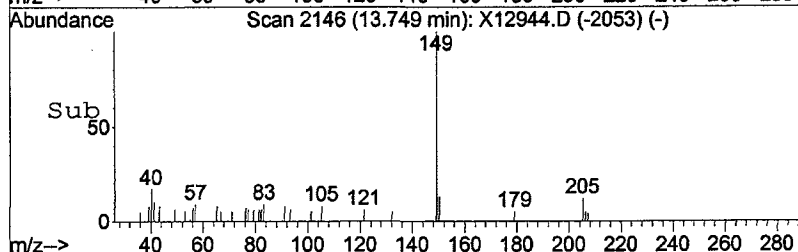
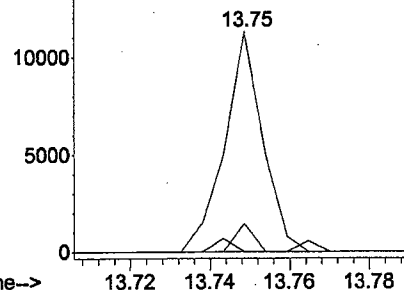


Abundance

Ion 149.00 (148.50 to 149.50): X12944

Ion 150.00 (149.50 to 150.50): X12944

Ion 104.00 (103.50 to 104.50): X12944



#76

C740 bis(2-Ethylhexyl)phthalate

Concen: 1.31 ng

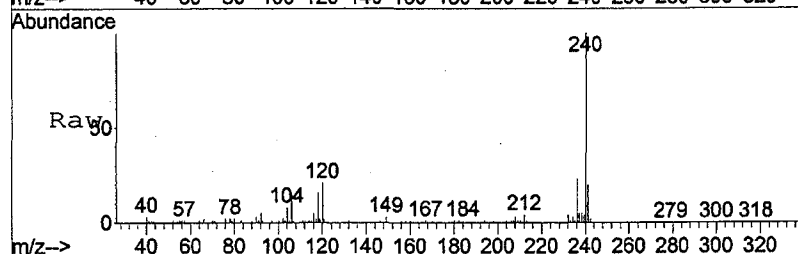
RT: 15.68 min Scan# 2508

Delta R.T. -0.01 min

Lab File: X12944.D

Acq: 1 Nov 2006 3:23 pm

Tgt Ion:	149	Resp:	30593
Ion Ratio	Lower	Upper	
149	100		
167	25.9	16.2	56.2
279	7.5	0.0	31.4

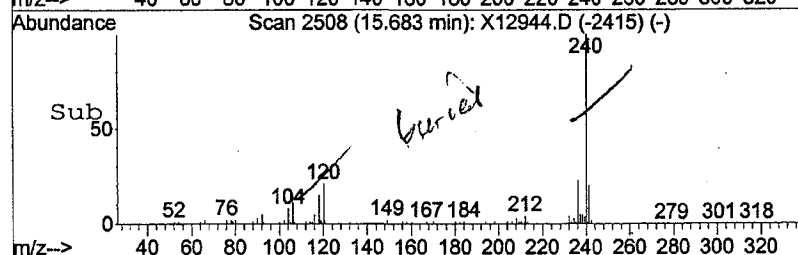
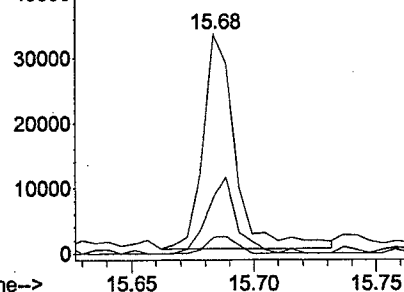


Abundance

Ion 149.00 (148.50 to 149.50): X12944

Ion 167.00 (166.50 to 167.50): X12944

Ion 279.00 (278.50 to 279.50): X12944



Standards

SEMIVOLATILE 3RD ED: 50NG CONT
INITIAL CALIBRATION DATALab Name: STL Buffalo Contract: _____ Lab Sample ID: A6I0002089-1Lab Code: RECN Case No.: _____ SAS No.: _____ SDG No.: _____Instrument ID: HP5973X Calibration Dates(s): 10/30/2006 10/30/2006Calibration Times: 10:19 11:58

Lab File ID:	RRF10 = <u>X12822.RR</u>	RRF50 = <u>X12823.RR</u>
RRF80 = <u>X12824.RR</u>	RRF120 = <u>X12825.RR</u>	RRF160 = <u>X12826.RR</u>

COMPOUND	RRF10	RRF50	RRF80	RRF120	RRF160	AVG RRF	% RSD
Phenol	* 2.135	2.241	2.196	2.154	2.078	2.1610	2.900*
4-Methylphenol	1.408	1.513	1.497	1.489	1.428	1.4670	3.100
Naphthalene	1.016	0.989	1.009	0.932	0.943	0.9780	3.900
=====							
Nitrobenzene-D5	0.369	0.390	0.399	0.380	0.393	0.3860	3.100
2-Fluorobiphenyl	1.266	1.244	1.246	1.155	1.161	1.2140	4.300
p-Terphenyl-d14	0.821	0.842	0.863	0.826	0.849	0.8400	2.000
Phenol-D5	1.958	2.100	2.076	2.073	2.038	2.0490	2.700
2-Fluorophenol	1.573	1.642	1.656	1.631	1.614	1.6230	2.000
2,4,6-Tribromophenol	0.073	0.078	0.084	0.081	0.081	0.0790	5.300

Comments:

Method Path : C:\MSDCHEM\1\METHODS\
 Method File : 8270EQ.M
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:22:09 2006
 Response Via : Initial Calibration

I 2089

Calibration Files

50 =X12823.D 20 =X12822.D 80 =X12824.D
 120 =X12825.D 160 =X12826.D

Compound		50	20	80	120	160	Avg	%RSD
-----ISTD-----								
1) I	CI30 1,4-Dichlorobenz							
2) T	C705 n-nitrosodidimet	0.910	0.934	0.947	0.942	0.972	0.941	2.40
3) S	CS50 2-Fluorophenol	1.642	1.573	1.656	1.631	1.614	1.623	1.98
4) TC	C325 bis(2-Chloroethy	1.599	1.529	1.545	1.496	1.517	1.537	2.53
5) S	CS45 Phenol-d5	2.100	1.958	2.076	2.073	2.038	2.049	2.71
6) S	CS70 2-chlorophenol-d	1.579	1.452	1.527	1.534	1.516	1.522	3.02
7) MC	C315 Phenol	2.241	2.135	2.196	2.154	2.078	2.161	2.86
8) MC	C330 2-Chlorophenol	1.478	1.451	1.452	1.428	1.421	1.446	1.57
9) T	C320 aniline	2.613	2.491	2.564	2.484	2.415	2.514	3.05
10) TC	C335 1,3-Dichlorobenz	1.567	1.564	1.535	1.478	1.488	1.526	2.75
11) MC	C340 1,4-Dichlorobenz	1.590	1.617	1.554	1.492	1.511	1.553	3.37
12) S	CS75 1,2-dichlorobenz	0.876	0.893	0.865	0.832	0.828	0.859	3.29
13) TC	C350 1,2-Dichlorobenz	1.491	1.500	1.458	1.382	1.366	1.439	4.31
14) T	C345 Benzyl alcohol	1.021	0.908	0.971	0.996	0.956	0.970	4.43
15) T	C360 bis(2-chloroisop	2.828	2.692	2.758	2.709	2.688	2.735	2.16
16) TC	C355 2-Methylphenol	1.442	1.332	1.399	1.401	1.357	1.386	3.08
17) TC	C375 Hexachloroethane	0.563	0.553	0.554	0.541	0.542	0.551	1.70
18) MC	C370 N-Nitroso-di-n-p	1.070	0.954	1.062	1.063	1.025	1.035	4.66
19) TC	C365 4-Methylphenol	1.513	1.408	1.497	1.489	1.428	1.467	3.14
-----ISTD-----								
20) I	CI40 Naphthalene-d8							
21) S	CS20 Nitrobenzene-d5	0.390	0.369	0.399	0.380	0.393	0.386	3.07
22) TC	C410 Nitrobenzene	0.384	0.379	0.394	0.370	0.381	0.381	2.25
23) TC	C415 Isophorone	0.719	0.680	0.738	0.709	0.712	0.712	2.94
24) T	C430 benzoic acid	0.204	0.066	0.289	0.361	0.427	-----	
							L M= 0.939 R=0.996 B= -3.272	
25) TC	C420 2-Nitrophenol	0.174	0.147	0.184	0.178	0.184	0.173	8.99
26) TC	C425 2,4-Dimethylphen	0.363	0.349	0.362	0.345	0.345	0.353	2.58
27) TC	C435 bis(2-Chloroetho	0.409	0.411	0.420	0.397	0.400	0.407	2.30
28) TC	C440 2,4-Dichlorophen	0.257	0.252	0.264	0.245	0.248	0.253	2.95
29) MC	C445 1,2,4-Trichlorob	0.285	0.294	0.282	0.264	0.269	0.279	4.38
30) TC	C450 Naphthalene	0.989	1.016	1.009	0.932	0.943	0.978	3.94
31) T	C455 4-Chloroaniline	0.419	0.421	0.427	0.404	0.403	0.415	2.57
32) T	C460 Hexachlorobutadi	0.136	0.144	0.134	0.122	0.126	0.133	6.45
33) MC	C465 4-Chloro-3-methy	0.318	0.283	0.320	0.308	0.309	0.308	4.78
34) TC	C470 2-Methylnaphthal	0.645	0.625	0.641	0.601	0.601	0.623	3.38
-----ISTD-----								
35) I	CI50 Acenaphthene-d8							
36) T	C510 Hexachlorocyclop	0.272	0.241	0.290	0.280	0.290	0.275	7.34
37) TC	C515 2,4,6-Trichlorop	0.316	0.267	0.328	0.310	0.316	0.307	7.67
38) TC	C520 2,4,5-Trichlorop	0.339	0.313	0.354	0.336	0.336	0.336	4.36
39) S	CS25 2-Fluorobiphenyl	1.244	1.266	1.246	1.155	1.161	1.214	4.29
40) TC	C525 2-Chloronaphthal	1.052	1.050	1.058	0.985	0.985	1.026	3.67
41) T	C530 2-Nitroaniline	0.374	0.294	0.390	0.375	0.389	0.364	10.95
42) MC	C540 Acenaphthylene	1.764	1.774	1.793	1.686	1.684	1.740	2.98
43) T	C535 Dimethylphthalat	1.222	1.175	1.226	1.166	1.167	1.191	2.55
44) TC	C542 2,6-Dinitrotolue	0.271	0.219	0.289	0.270	0.277	0.265	10.18
45) TC	C550 Acenaphthene	1.058	1.068	1.043	0.977	0.969	1.023	4.58
46) T	C545 3-Nitroaniline	0.350	0.289	0.364	0.345	0.350	0.340	8.60
47) T	C555 2,4-Dinitrophen	0.132	0.098	0.149	0.144	0.155	-----	
							L M= 0.179 R=0.996 B= -0.094	
48) TC	C565 Dibenzofuran	1.489	1.508	1.494	1.379	1.378	1.450	4.49
49) MC	C570 2,4-Dinitrotolue	0.388	0.356	0.384	0.364	0.372	0.373	3.65
50) M	C560 4-Nitrophenol	0.172	0.148	0.178	0.166	0.170	0.167	6.82

Method Path : C:\MSDCHEM\1\METHODS\

Method File : 8270EQ.M

Title : 8270 BNA Calibration with EPC

Last Update : Mon Oct 30 12:22:09 2006

Response Via : Initial Calibration

51)	TC	C590	Fluorene	1.182	1.184	1.200	1.104	1.100	1.154	4.16
52)	TC	C585	4-Chlorophenyl-p	0.549	0.552	0.547	0.511	0.512	0.534	3.88
53)	T	C580	Diethylphthalate	1.195	1.173	1.228	1.126	1.139	1.172	3.53
54)	T	C620	1,2-diphenylhydr	1.415	1.381	1.427	1.326	1.324	1.374	3.52
55)	T	C595	4-Nitroaniline	0.354	0.320	0.364	0.350	0.353	0.348	4.78

				-----ISTD-----						
56)	I	CI60	Phenanthrene-d10							
57)	T	C610	4,6-Dinitro-2-me	0.107	0.096	0.114	0.109	0.114	0.108	7.06
58)	T	C615	n-Nitrosodipheny	0.501	0.501	0.517	0.478	0.477	0.495	3.46
59)	S	CS55	2,4,6-Tribromoph	0.078	0.073	0.084	0.081	0.081	0.079	5.29
60)	TC	C625	4-Bromophenyl-ph	0.163	0.162	0.169	0.157	0.156	0.161	3.27
61)	TC	C630	Hexachlorobenzen	0.163	0.175	0.167	0.158	0.156	0.164	4.59
62)	MC	C635	Pentachloropheno	0.103	0.096	0.104	0.101	0.104	0.102	3.63
63)	TC	C640	Phenanthrene	0.985	1.039	1.013	0.920	0.912	0.974	5.78
64)	TC	C645	Anthracene	1.013	1.025	1.040	0.940	0.930	0.990	5.13
65)	T	C647	carbazole	0.909	0.936	0.931	0.861	0.872	0.902	3.79
66)	T	C650	Di-n-butylphthal	1.134	1.043	1.201	1.115	1.108	1.120	5.05
67)	TC	C655	Fluoranthene	1.038	1.048	1.090	0.973	0.992	1.028	4.50

				-----ISTD-----						
68)	I	CI70	Chrysene-d12							
69)	MC	C715	Pyrene	1.159	1.099	1.188	1.174	1.213	1.167	3.66
70)	T	C710	benzidine	0.705	0.565	0.751	0.717	0.738	0.695	10.75
71)	S	CS30	Terphenyl-d14	0.842	0.821	0.863	0.826	0.849	0.840	2.03
72)	T	C720	Butylbenzylphtha	0.583	0.495	0.605	0.591	0.601	0.575	7.93
73)	T	C725	3,3'-Dichloroben	0.439	0.377	0.455	0.450	0.468	0.438	8.12
74)	TC	C730	Benzo[a]anthrace	1.060	1.035	1.087	1.016	1.021	1.044	2.84
75)	TC	C735	Chrysene	1.028	1.010	1.076	1.009	1.041	1.033	2.70
76)	T	C740	bis(2-Ethylhexyl	0.780	0.684	0.801	0.732	0.726	0.744	6.24
77)	T	C760	Di-n-octylphthal	1.408	1.350	1.488	1.441	1.539	1.445	5.01

				-----ISTD-----						
78)	I	CI75	Perylene-d12							
79)	TC	C765	Benzo[b]fluorant	1.189	1.132	1.121	1.102	1.052	1.119	4.44
80)	TC	C770	Benzo[k]fluorant	1.038	1.067	1.123	0.968	1.025	1.044	5.44
81)	TC	C775	Benzo[a]pyrene	1.062	1.032	1.090	1.003	1.015	1.040	3.43
82)	TC	C780	Indeno[1,2,3-cd]	1.047	1.018	1.063	0.970	1.013	1.022	3.50
83)	TC	C785	Dibenz[a,h]anthr	0.906	0.852	0.908	0.818	0.842	0.865	4.63
84)	TC	C790	Benzo[g,h,i]pery	0.886	0.848	0.900	0.828	0.873	0.867	3.34

Total Average %RSD 4.36

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
 (#) = Out of Range

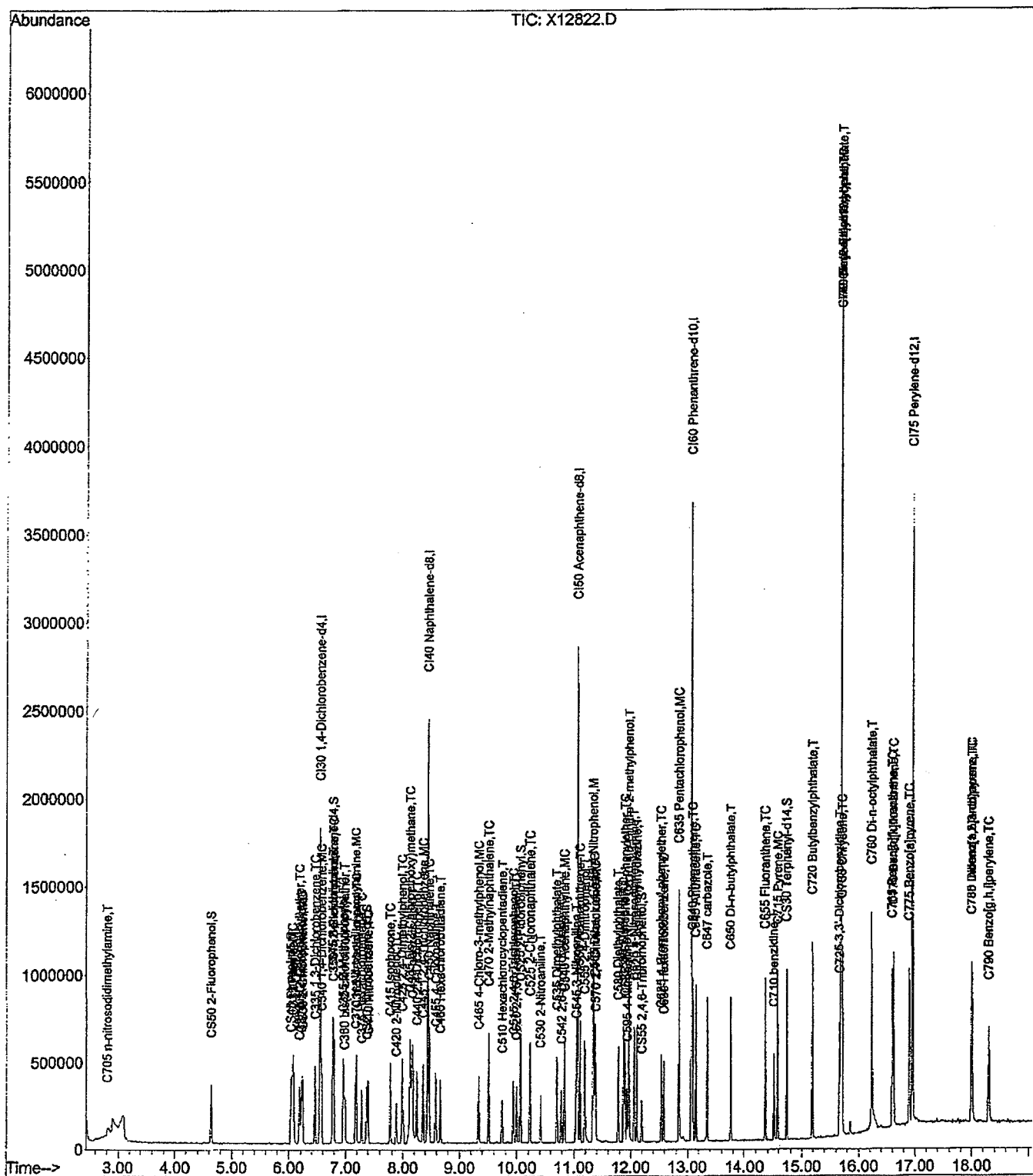
8270EQ.M

Mon Oct 30 12:22:21 2006

Data File : D:\DATA\103006\X12822.D
Acq On : 30 Oct 2006 10:19 am
Sample : SSTD010
Misc : 8270(10/18/06)
MS Integration Params: rteint.p

Vial: 2
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 30 12:19:43 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Oct 30 07:24:20 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\103006\X12822.D
 Acq On : 30 Oct 2006 10:19 am
 Sample : SSTD010
 Misc : 8270(10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:19:43 2006

Vial: 2
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 07:24:20 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\102806\X12792.D (28 Oct 2006 10:41 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	329818	40.00	ng	-0.03 142.07%
20) CI40 Naphthalene-d8	8.44	136	1315475	40.00	ng	-0.02 137.51%
35) CI50 Acenaphthene-d8	11.06	164	715337	40.00	ng	-0.03 139.28%
56) CI60 Phenanthrene-d10	13.06	188	1320829	40.00	ng	-0.02 158.54%
68) CI70 Chrysene-d12	15.69	240	1331487	40.00	ng	-0.02 172.56%
78) CI75 Perylene-d12	16.94	264	1314385	40.00	ng	-0.03 165.84%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	129702	10.05	ng	-0.04
Spiked Amount 150.000	Range 21 - 110		Recovery =	6.70%	#	
5) CS45 Phenol-d5	6.04	99	161408	10.13	ng	-0.03
Spiked Amount 150.000	Range 10 - 110		Recovery =	6.75%	#	
6) CS70 2-chlorophenol-d4	6.21	132	119687	9.56	ng	-0.03
Spiked Amount 150.000	Range 33 - 110		Recovery =	6.37%	#	
12) CS75 1,2-dichlorobenzene-d	6.77	152	73667	10.63	ng	-0.03
Spiked Amount 100.000	Range 16 - 110		Recovery =	10.63%	#	
21) CS20 Nitrobenzene-d5	7.37	82	121265	10.22	ng	-0.03
Spiked Amount 100.000	Range 34 - 114		Recovery =	10.22%	#	
39) CS25 2-Fluorobiphenyl	10.07	172	226356	10.65	ng	-0.03
Spiked Amount 100.000	Range 43 - 116		Recovery =	10.65%	#	
59) CS55 2,4,6-Tribromophenol	12.20	330	24099	7.63	ng	-0.03
Spiked Amount 150.000	Range 10 - 123		Recovery =	5.09%	#	
71) CS30 Terphenyl-d14	14.73	244	273329	10.65	ng	-0.02
Spiked Amount 100.000	Range 33 - 141		Recovery =	10.65%	#	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.80	74	76993m	10.22	ng	# 95
4) C325 bis(2-Chloroethyl)eth	6.18	93	126056	9.98	ng	# 73
7) C315 Phenol	6.06	94	176067	10.17	ng	# 93
8) C330 2-Chlorophenol	6.23	128	119676	9.80	ng	# 85
9) C320 aniline	6.07	93	205398	10.77	ng	# 65
10) C335 1,3-Dichlorobenzene	6.46	146	128939	10.12	ng	# 93
11) C340 1,4-Dichlorobenzene	6.57	146	133335	10.42	ng	# 93
13) C350 1,2-Dichlorobenzene	6.79	146	123661	10.52	ng	# 99
14) C345 Benzyl alcohol	6.78	108	74828	9.17	ng	# 72
15) C360 bis(2-chloroisopropyl	6.97	45	222005	8.76	ng	# 97
16) C355 2-Methylphenol	6.95	108	109862	9.31	ng	# 89
17) C375 Hexachloroethane	7.28	117	45595	9.93	ng	# 90
18) C370 N-Nitroso-di-n-propyl	7.17	70	78702	9.78	ng	# 73
19) C365 4-Methylphenol	7.19	108	116080	9.27	ng	# 98
22) C410 Nitrobenzene	7.40	77	124596	10.49	ng	# 93
23) C415 Isophorone	7.77	82	223747	10.17	ng	# 89
24) C430 benzoic acid	8.16	122	327279	146.07	ng	# 68
25) C420 2-Nitrophenol	7.88	139	48218	7.94	ng	# 89
26) C425 2,4-Dimethylphenol	7.98	107	114775	10.21	ng	# 91
27) C435 bis(2-Chloroethoxy)me	8.12	93	135040	10.19	ng	# 92
28) C440 2,4-Dichlorophenol	8.24	162	82828	10.31	ng	# 99

Data File : D:\DATA\103006\X12822.D
 Acq On : 30 Oct 2006 10:19 am
 Sample : SSTD010
 Misc : 8270(10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:19:43 2006

Vial: 2
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 07:24:20 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\102806\X12792.D (28 Oct 2006 10:41 am)

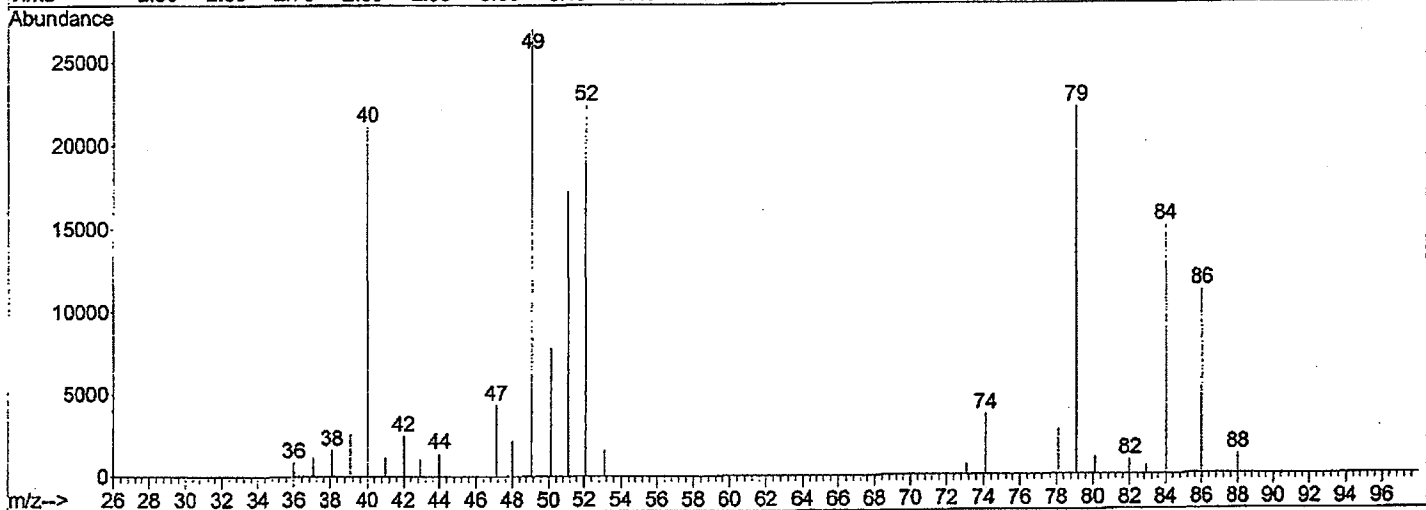
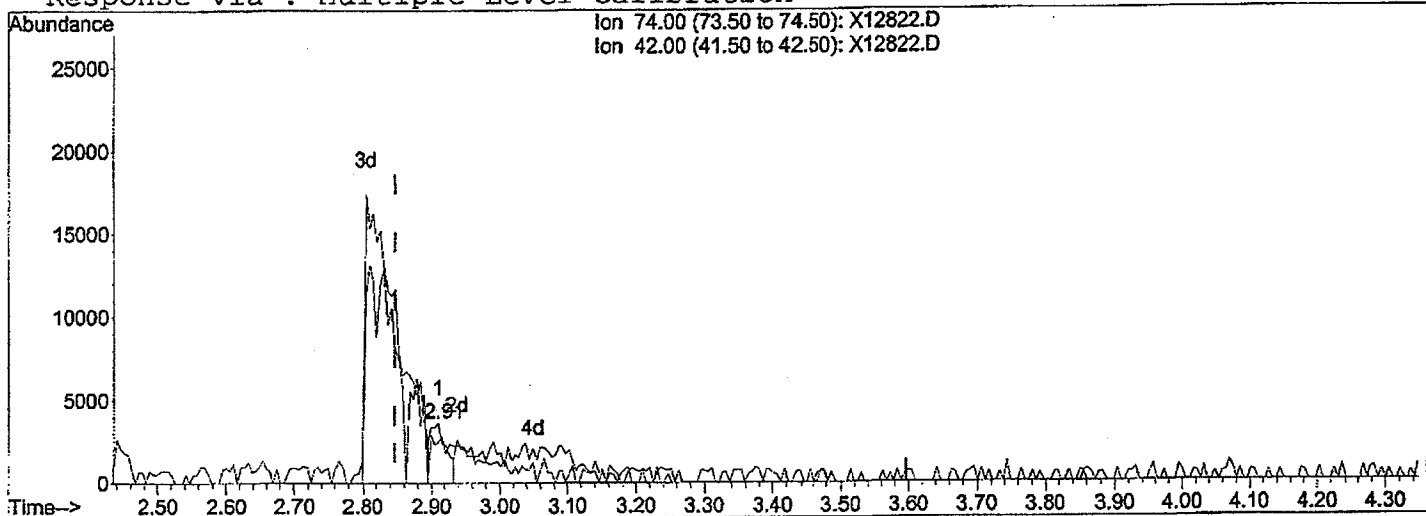
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
29)	C445 1,2,4-Trichlorobenzen	8.36	180	96739	11.74	ng	96
30)	C450 Naphthalene	8.46	128	334154	10.20	ng	99
31)	C455 4-Chloroaniline	8.58	127	138360	10.57	ng	97
32)	C460 Hexachlorobutadiene	8.66	225	47454	12.52	ng	95
33)	C465 4-Chloro-3-methylphen	9.33	107	93153	9.71	ng	97
34)	C470 2-Methylphthalene	9.51	142	205706	10.10	ng	98
36)	C510 Hexachlorocyclopentad	9.74	237	43111	9.13	ng	93
37)	C515 2,4,6-Trichlorophenol	9.94	196	47749	9.33	ng	93
38)	C520 2,4,5-Trichlorophenol	10.00	196	56012	10.15	ng	97
40)	C525 2-Chloronaphthalene	10.23	162	187730	10.16	ng	95
41)	C530 2-Nitroaniline	10.41	65	52606	7.91	ng	# 79
42)	C540 Acenaphthylene	10.84	152	317321	10.20	ng	96
43)	C535 Dimethylphthalate	10.71	163	210203	10.25	ng	98
44)	C542 2,6-Dinitrotoluene	10.79	165	39107	8.17	ng	94
45)	C550 Acenaphthene	11.10	153	191010	10.60	ng	98
46)	C545 3-Nitroaniline	11.03	138	51660	8.62	ng	95
47)	C555 2,4-Dinitrophenol	11.18	184	87878	33.12	ng	# 61
48)	C565 Dibenzofuran	11.37	168	269616	10.48	ng	87
49)	C570 2,4-Dinitrotoluene	11.38	165	63580	9.87	ng	82
50)	C560 4-Nitrophenol	11.33	109	132299	51.71	ng	# 77
51)	C590 Fluorene	11.87	166	211657	10.35	ng	99
52)	C585 4-Chlorophenyl-phenyl	11.89	204	98689	11.27	ng	92
53)	C580 Diethylphthalate	11.77	149	209837	10.60	ng	98
54)	C620 1,2-diphenylhydrazine	12.11	77	246987	10.74	ng	82
55)	C595 4-Nitroaniline	11.93	138	57270	9.41	ng	89
57)	C610 4,6-Dinitro-2-methylp	11.96	198	157697	40.15	ng	100
58)	C615 n-Nitrosodiphenylamin	12.06	169	165532	9.71	ng	98
60)	C625 4-Bromophenyl-phenyle	12.54	248	53509	9.59	ng	# 87
61)	C630 Hexachlorobenzene	12.58	284	57685	9.41	ng	74
62)	C635 Pentachlorophenol	12.85	266	157758	39.84	ng	94
63)	C640 Phenanthrene	13.09	178	343053	10.34	ng	99
64)	C645 Anthracene	13.15	178	338420	10.16	ng	98
65)	C647 carbazole	13.35	167	309056	9.46	ng	95
66)	C650 Di-n-butylphthalate	13.75	149	344444	8.64	ng	99
67)	C655 Fluoranthene	14.35	202	346068	10.18	ng	99
69)	C715 Pyrene	14.58	202	365775	9.33	ng	93
70)	C710 benzidine	14.51	184	188227	11.70	ng	99
72)	C720 Butylbenzylphthalate	15.19	149	164739	8.01	ng	95
73)	C725 3,3'-Dichlorobenzidin	15.66	252	125511	11.97	ng	99
74)	C730 Benzo[a]anthracene	15.68	228	344558	9.97	ng	99
75)	C735 Chrysene	15.72	228	336082	9.64	ng	99
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	227523	8.68	ng	98
77)	C760 Di-n-octylphthalate	16.23	149	449453	11.16	ng	99
79)	C765 Benzo[b]fluoranthene	16.60	252	372114	10.25	ng	94
80)	C770 Benzo[k]fluoranthene	16.62	252	350528	10.34	ng	96
81)	C775 Benzo[a]pyrene	16.89	252	339165	10.44	ng	95
82)	C780 Indeno[1,2,3-cd]pyren	18.00	276	334424	9.26	ng	92
83)	C785 Dibenz[a,h]anthracene	18.01	278	279819	9.13	ng	96
84)	C790 Benzo[g,h,i]perylene	18.30	276	278698	8.84	ng	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\103006\X12822.D
Acq On : 30 Oct 2006 10:19 am
Sample : SST010
Misc : 8270(10/18/06)
MS Integration Params: rteint.p
Quant Time: Oct 30 12:19:30 2006

Vial: 2
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Oct 30 07:24:20 2006
Response via : Multiple Level Calibration



TIC: X12822.D

(2) C705 n-nitrosodimethylamine (T)

2.91min (+0.064) 0.77ng

response 5793

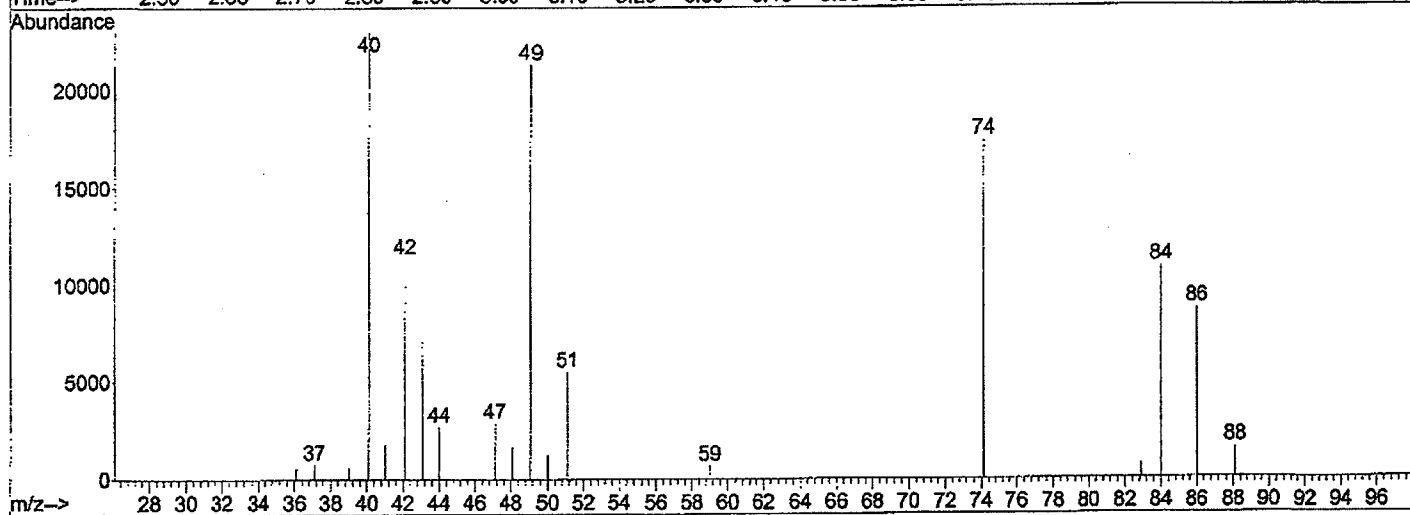
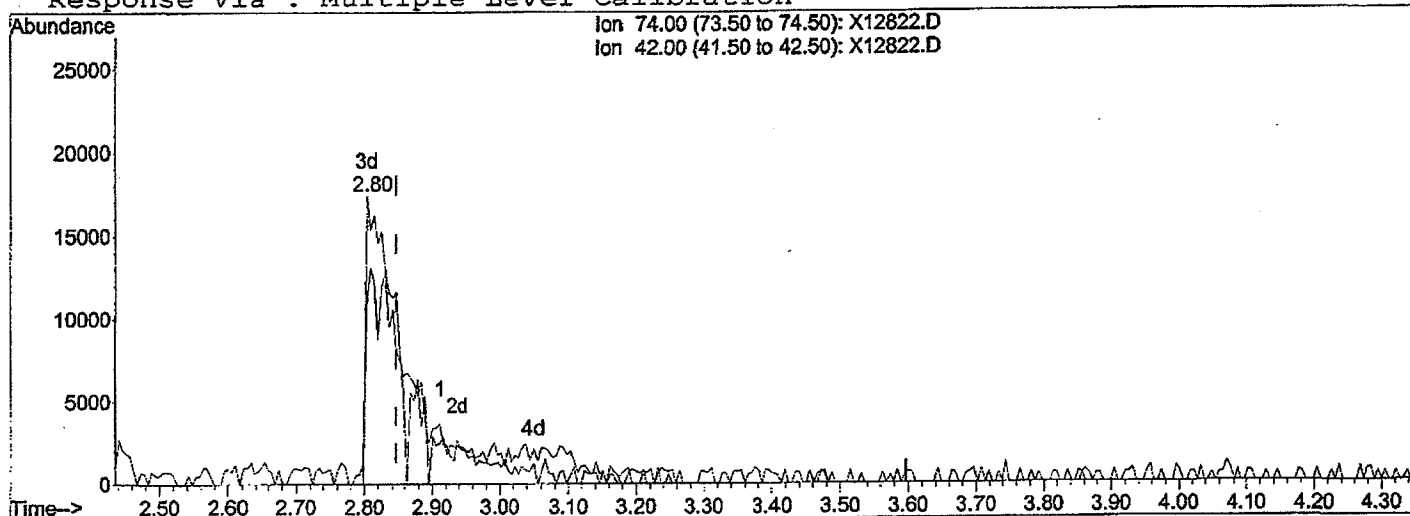
Ion	Exp%	Act%
74.00	100	100
42.00	71.90	67.88
0.00	0.00	0.00
0.00	0.00	0.00

Split
C 2.91min
11/10/06

Data File : D:\DATA\103006\X12822.D
Acq On : 30 Oct 2006 10:19 am
Sample : SST010
Misc : 8270(10/18/06)
MS Integration Params: rteint.p
Quant Time: Oct 30 12:19:30 2006

Vial: 2
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Oct 30 07:24:20 2006
Response via : Multiple Level Calibration



TIC: X12822.D

(2) C705 n-nitrosodimethylamine (T)

2.80min (-0.043) 10.22ng m

response 76993

Ion	Exp%	Act%
74.00	100	100
42.00	71.90	5.11#
0.00	0.00	0.00
0.00	0.00	0.00

C 10/30/06
AUS
11/6/06

Vial: 3
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Abundance

TIC: X12823.D

Time-->

1.2e+07

1.15e+07

1.1e+07

1.05e+07

1e+07

9500000

9000000

8500000

8000000

7500000

7000000

6500000

6000000

5500000

5000000

4500000

4000000

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

C705 n-nitrosodimethylamine, T

C550 2-Fluorophenol, S

C325 2,4-Dichlorophenol, MC

C310 1,6-Dichloro-2,4-dinitrobenzene, MC

C350 1,2-Dichlorobenzene, MC

C360 bis(2-chlorophenyl)phenylamine, MC

C375 1,3,5-Trichlorobenzene, MC

C420 2-Nitrophenol, MC

C435 bis(2,4,6-trinitrophenyl)ether, TC

C445 2,4,6-Trinitrophenol, TC

C455 2,4,6-Trinitrophenylamine, TC

C465 4-Chloro-3-methylphenol, MC

C470 2-Naphthalene, TC

C510 Hexachlorocyclopentadiene, T

C525 2-Chloronaphthalene, TC

C530 2-Nitroaniline, T

C542 2,6-Dichlorophenylamine, MC

C545 3-Nitrophenol, MC

C555 2,4,6-Trinitrophenol, MC

C560 2,4,6-Trinitrophenylamine, T

C580 Diethylphthalate, T

C585 2,4,6-Trinitrophenol, S

C595 2,4,6-Trinitrophenylamine, T

C630 Hexachlorocyclopentadiene, TC

C635 Pentachlorophenol, MC

C650 Phenanthrene, MC

C647 carbazole, T

C650 Di-n-butylphthalate, T

C655 Fluoranthene, TC

C710 benzidine, T

C720 Butylbenzylphthalate, T

C725 3,3'-Dichlorobenzidine, MC

C735 Chrysene, TC

C760 Di-n-octylphthalate, T

C765 Benzo[a]pyrene, TC

C775 Perylene, TC

C780 Benzo[e]pyrene, TC

C785 Benzo[a]pyrene, MC

C790 Benzo[g,h,i]perylene, TC

Data File : D:\DATA\103006\X12823.D

Acq On : 30 Oct 2006 10:44 am

Sample : SSTD050

Misc : 8270(10/18/06)

MS Integration Params: rteint.p

Quant Time: Oct 30 12:20:21 2006

Vial: 3

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Mon Oct 30 12:20:16 2006

Response via : Initial Calibration

DataAcq Meth : 8270

IS QA File : D:\DATA\102806\X12792.D (28 Oct 2006 10:41 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.55	152	303647	40.00	ng	0.00 130.80%
20) CI40 Naphthalene-d8	8.44	136	1281855	40.00	ng	0.00 134.00%
35) CI50 Acenaphthene-d8	11.06	164	711067	40.00	ng	0.00 138.45%
56) CI60 Phenanthrene-d10	13.06	188	1343657	40.00	ng	0.00 161.28%
68) CI70 Chrysene-d12	15.69	240	1248789	40.00	ng	0.00 161.84%
78) CI75 Perylene-d12	16.94	264	1234714	40.00	ng	0.00 155.79%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	623341	51.84	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =			34.56%
5) CS45 Phenol-d5	6.04	99	797076	53.50	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =			35.67%
6) CS70 2-chlorophenol-d4	6.21	132	599341	52.19	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =			34.79%
12) CS75 1,2-dichlorobenzene-d	6.77	152	332615	51.98	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =			51.98%
21) CS20 Nitrobenzene-d5	7.37	82	624670	52.91	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =			52.91%
39) CS25 2-Fluorobiphenyl	10.07	172	1105727	51.55	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =			51.55%
59) CS55 2,4,6-Tribromophenol	12.20	330	130881	41.39	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =			27.59%
71) CS30 Terphenyl-d14	14.74	244	1315024	52.01	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =			52.01%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.78	74	345212	49.15	ng	91
4) C325 bis(2-Chloroethyl)eth	6.19	93	607039	52.17	ng	# 73
7) C315 Phenol	6.06	94	850597	53.25	ng	98
8) C330 2-Chlorophenol	6.24	128	561057	50.49	ng	86
9) C320 aniline	6.07	93	991811	55.84	ng	# 66
10) C335 1,3-Dichlorobenzene	6.46	146	594957	50.68	ng	98
11) C340 1,4-Dichlorobenzene	6.58	146	603435	50.66	ng	99
13) C350 1,2-Dichlorobenzene	6.79	146	565843	52.27	ng	95
14) C345 Benzyl alcohol	6.77	108	387514	52.01	ng	# 76
15) C360 bis(2-chloroisopropyl	6.98	45	1073501	47.33	ng	98
16) C355 2-Methylphenol	6.96	108	547481	50.79	ng	95
17) C375 Hexachloroethane	7.29	117	213698	50.66	ng	96
18) C370 N-Nitroso-di-n-propyl	7.18	70	406099	54.44	ng	# 72
19) C365 4-Methylphenol	7.19	108	574332	50.67	ng	99
22) C410 Nitrobenzene	7.40	77	615146	52.28	ng	86
23) C415 Isophorone	7.77	82	1152143	52.47	ng	92
24) C430 benzoic acid	8.23	122	1179414	177.56	ng	# 67
25) C420 2-Nitrophenol	7.88	139	278344	47.88	ng	84
26) C425 2,4-Dimethylphenol	7.98	107	581258	52.31	ng	99
27) C435 bis(2-Chloroethoxy)me	8.12	93	655030	50.58	ng	93
28) C440 2,4-Dichlorophenol	8.24	162	411106	51.86	ng	97

Data File : D:\DATA\103006\X12823.D
 Acq On : 30 Oct 2006 10:44 am
 Sample : SSTD050
 Misc : 8270(10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:20:21 2006

Vial: 3
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:20:16 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\102806\X12792.D (28 Oct 2006 10:41 am)

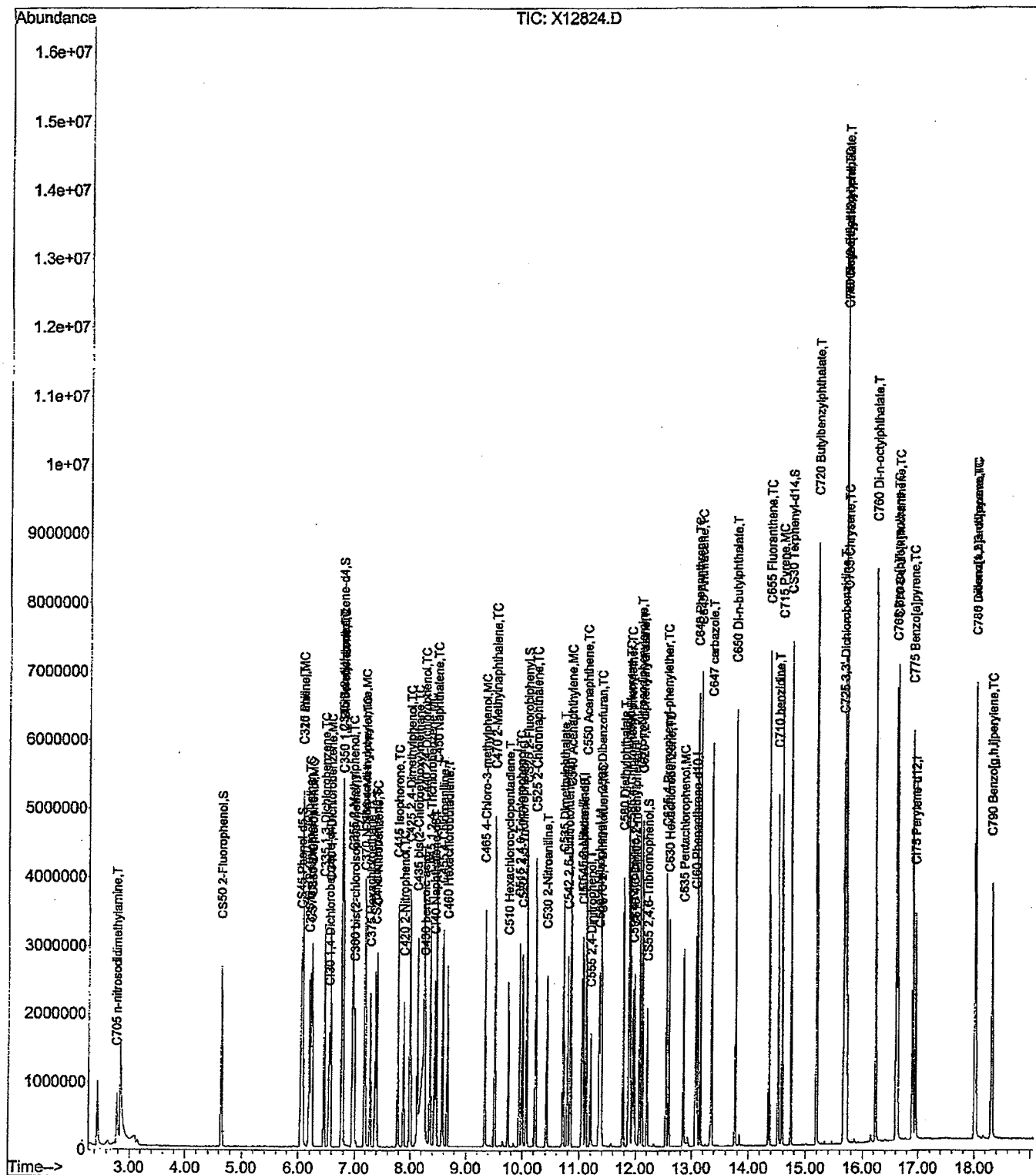
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv (Ar)
29)	C445 1,2,4-Trichlorobenzen	8.36	180	456266	54.86	ng	96
30)	C450 Naphthalene	8.47	128	1585057	49.64	ng	99
31)	C455 4-Chloroaniline	8.58	127	670708	51.67	ng	99
32)	C460 Hexachlorobutadiene	8.67	225	217748	56.18	ng	95
33)	C465 4-Chloro-3-methylphen	9.33	107	509774	53.64	ng	95
34)	C470 2-Methylnaphthalene	9.51	142	1033666	51.66	ng	99
36)	C510 Hexachlorocyclopentad	9.74	237	241811	50.86	ng	91
37)	C515 2,4,6-Trichlorophenol	9.94	196	280461	54.51	ng	96
38)	C520 2,4,5-Trichlorophenol	10.00	196	301674	53.27	ng	96
40)	C525 2-Chloronaphthalene	10.23	162	935056	50.59	ng	94
41)	C530 2-Nitroaniline	10.41	65	332130	50.85	ng	# 77
42)	C540 Acenaphthylene	10.84	152	1568214	50.00	ng	99
43)	C535 Dimethylphthalate	10.71	163	1086091	52.14	ng	98
44)	C542 2,6-Dinitrotoluene	10.79	165	241255	50.86	ng	90
45)	C550 Acenaphthene	11.10	153	940470	51.66	ng	95
46)	C545 3-Nitroaniline	11.04	138	311410	51.56	ng	91
47)	C555 2,4-Dinitrophenol	11.19	184	187369	72.62	ng	# 58
48)	C565 Dibenzofuran	11.37	168	1323294	51.30	ng	93
49)	C570 2,4-Dinitrotoluene	11.39	165	345031	53.49	ng	80
50)	C560 4-Nitrophenol	11.34	109	245076	92.82	ng	# 76
51)	C590 Fluorene	11.87	166	1050873	51.36	ng	99
52)	C585 4-Chlorophenyl-phenyl	11.89	204	487994	54.43	ng	89
53)	C580 Diethylphthalate	11.78	149	1062255	52.85	ng	97
54)	C620 1,2-diphenylhydrazine	12.11	77	1257645	53.82	ng	84
55)	C595 4-Nitroaniline	11.94	138	314796	51.18	ng	89
57)	C610 4,6-Dinitro-2-methylp	11.97	198	287798	72.83	ng	100
58)	C615 n-Nitrosodiphenylamin	12.07	169	841941	48.43	ng	94
60)	C625 4-Bromophenyl-phenyle	12.54	248	273660	47.97	ng	91
61)	C630 Hexachlorobenzene	12.59	284	273621	44.16	ng	81
62)	C635 Pentachlorophenol	12.85	266	277876	70.67	ng	95
63)	C640 Phenanthrene	13.09	178	1654283	48.72	ng	97
64)	C645 Anthracene	13.15	178	1701778	49.80	ng	99
65)	C647 carbazole	13.35	167	1526388	45.98	ng	97
66)	C650 Di-n-butylphthalate	13.75	149	1905255	46.78	ng	99
67)	C655 Fluoranthene	14.36	202	1743088	49.46	ng	97
69)	C715 Pyrene	14.58	202	1808986	48.00	ng	96
70)	C710 benzidine	14.51	184	1101252	49.99	ng	99
72)	C720 Butylbenzylphthalate	15.19	149	910315	46.82	ng	99
73)	C725 3,3'-Dichlorobenzidin	15.66	252	684568	49.99	ng	98
74)	C730 Benzo[a]anthracene	15.68	228	1654847	49.94	ng	99
75)	C735 Chrysene	15.72	228	1604524	47.84	ng	99
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	1217250	48.75	ng	96
77)	C760 Di-n-octylphthalate	16.23	149	2198406	43.00	ng	100
79)	C765 Benzo[b]fluoranthene	16.60	252	1835388	51.24	ng	96
80)	C770 Benzo[k]fluoranthene	16.62	252	1602399	49.40	ng	95
81)	C775 Benzo[a]pyrene	16.90	252	1639021	51.35	ng	96
82)	C780 Indeno[1,2,3-cd]pyren	18.01	276	1615590	46.75	ng	96
83)	C785 Dibenz[a,h]anthracene	18.01	278	1398008	47.71	ng	96
84)	C790 Benzo[g,h,i]perylene	18.31	276	1367360	45.66	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

350/426

Vial: 4
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 30 12:20:37 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Oct 30 12:20:31 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\103006\X12824.D
 Acq On : 30 Oct 2006 11:09 am
 Sample : SSTD080
 Misc : 8270(10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:20:37 2006

Vial: 4
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:20:31 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103006\X12823.D (30 Oct 2006 10:44 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.55	152	306304	40.00	ng	0.00 100.88%
20) CI40 Naphthalene-d8	8.44	136	1249008	40.00	ng	0.00 97.44%
35) CI50 Acenaphthene-d8	11.06	164	687453	40.00	ng	0.00 96.68%
56) CI60 Phenanthrene-d10	13.06	188	1263919	40.00	ng	0.00 94.07%
68) CI70 Chrysene-d12	15.69	240	1176805	40.00	ng	0.00 94.24%
78) CI75 Perylene-d12	16.95	264	1216231	40.00	ng	0.00 98.50%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	1014754	83.43	ng	0.00
Spiked Amount 150.000	Range 21	- 110	Recovery	=	55.62%	
5) CS45 Phenol-d5	6.05	99	1271792	84.20	ng	0.00
Spiked Amount 150.000	Range 10	- 110	Recovery	=	56.13%	
6) CS70 2-chlorophenol-d4	6.22	132	935281	80.87	ng	0.00
Spiked Amount 150.000	Range 33	- 110	Recovery	=	53.91%	
12) CS75 1,2-dichlorobenzene-d	6.77	152	529606	82.53	ng	0.00
Spiked Amount 100.000	Range 16	- 110	Recovery	=	82.53%	
21) CS20 Nitrobenzene-d5	7.38	82	996355	85.89	ng	0.00
Spiked Amount 100.000	Range 34	- 114	Recovery	=	85.89%	
39) CS25 2-Fluorobiphenyl	10.08	172	1712746	82.57	ng	0.00
Spiked Amount 100.000	Range 43	- 116	Recovery	=	82.57%	
59) CS55 2,4,6-Tribromophenol	12.20	330	212376	75.00	ng	0.00
Spiked Amount 150.000	Range 10	- 123	Recovery	=	50.00%	
71) CS30 Terphenyl-d14	14.74	244	2031631	84.45	ng	0.00
Spiked Amount 100.000	Range 33	- 141	Recovery	=	84.45%	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.77	74	580022	82.07	ng	91
4) C325 bis(2-Chloroethyl)eth	6.19	93	946306	80.37	ng	# 74
7) C315 Phenol	6.06	94	1345534	83.61	ng	98
8) C330 2-Chlorophenol	6.24	128	889339	79.73	ng	87
9) C320 aniline	6.07	93	1570839	86.49	ng	# 66
10) C335 1,3-Dichlorobenzene	6.46	146	940630	80.14	ng	100
11) C340 1,4-Dichlorobenzene	6.58	146	952140	79.84	ng	99
13) C350 1,2-Dichlorobenzene	6.79	146	892981	81.82	ng	94
14) C345 Benzyl alcohol	6.78	108	594600	80.00	ng	# 77
15) C360 bis(2-chloroisopropyl	6.99	45	1689558	75.43	ng	98
16) C355 2-Methylphenol	6.96	108	857188	79.74	ng	97
17) C375 Hexachloroethane	7.29	117	339513	80.48	ng	95
18) C370 N-Nitroso-di-n-propyl	7.18	70	650338	85.84	ng	# 76
19) C365 4-Methylphenol	7.19	108	916906	81.23	ng	99
22) C410 Nitrobenzene	7.40	77	983704	85.28	ng	87
23) C415 Isophorone	7.77	82	1844298	85.68	ng	92
24) C430 benzoic acid	8.27	122	1805162	201.68	ng	# 68
25) C420 2-Nitrophenol	7.88	139	460552	83.08	ng	83
26) C425 2,4-Dimethylphenol	7.98	107	905506	83.88	ng	98
27) C435 bis(2-Chloroethoxy)me	8.13	93	1050038	83.52	ng	96
28) C440 2,4-Dichlorophenol	8.25	162	658695	85.82	ng	96

Data File : D:\DATA\103006\X12824.D
 Acq On : 30 Oct 2006 11:09 am
 Sample : SST080
 Misc : 8270(10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:20:37 2006

Vial: 4
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:20:31 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103006\X12823.D (30 Oct 2006 10:44 am)

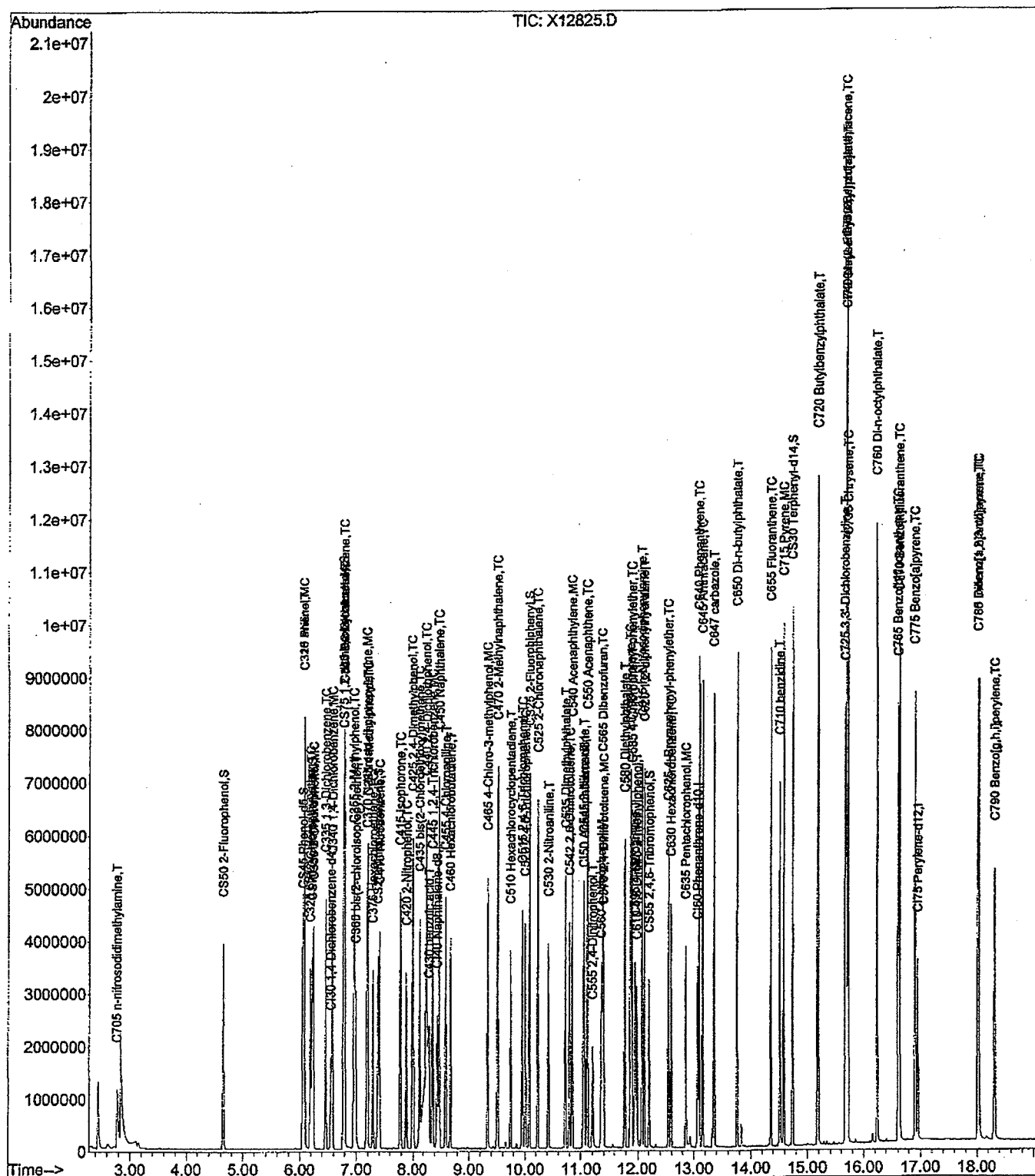
Internal Standards			R.T.	QIon	Response	Conc	Units	Dev (Min)
								Rcv (Ar)
29)	C445	1,2,4-Trichlorobenzen	8.36	180	703221	85.56	ng	91
30)	C450	Naphthalene	8.47	128	2520595	82.06	ng	98
31)	C455	4-Chloroaniline	8.58	127	1066931	84.55	ng	99
32)	C460	Hexachlorobutadiene	8.67	225	333970	86.66	ng	95
33)	C465	4-Chloro-3-methylphen	9.33	107	800080	86.19	ng	100
34)	C470	2-Methylnaphthalene	9.51	142	1600289	82.52	ng	98
36)	C510	Hexachlorocyclopentad	9.74	237	398275	86.66	ng	95
37)	C515	2,4,6-Trichlorophenol	9.94	196	451371	89.59	ng	98
38)	C520	2,4,5-Trichlorophenol	10.00	196	486815	88.08	ng	98
40)	C525	2-Chloronaphthalene	10.23	162	1454649	81.88	ng	94
41)	C530	2-Nitroaniline	10.42	65	535794	85.13	ng	# 77
42)	C540	Acenaphthylene	10.85	152	2465720	81.80	ng	98
43)	C535	Dimethylphthalate	10.72	163	1686263	83.32	ng	99
44)	C542	2,6-Dinitrotoluene	10.79	165	396897	86.94	ng	95
45)	C550	Acenaphthene	11.11	153	1433465	81.61	ng	97
46)	C545	3-Nitroaniline	11.04	138	500312	85.69	ng	89
47)	C555	2,4-Dinitrophenol	11.19	184	256074	105.41	ng	# 50
48)	C565	Dibenzofuran	11.37	168	2054341	82.73	ng	93
49)	C570	2,4-Dinitrotoluene	11.39	165	527935	83.91	ng	84
50)	C560	4-Nitrophenol	11.34	109	305704	116.26	ng	# 74
51)	C590	Fluorene	11.87	166	1649687	83.63	ng	97
52)	C585	4-Chlorophenyl-phenyl	11.90	204	752330	85.87	ng	93
53)	C580	Diethylphthalate	11.78	149	1687747	86.76	ng	98
54)	C620	1,2-diphenylhydrazine	12.11	77	1961855	86.07	ng	83
55)	C595	4-Nitroaniline	11.95	138	500995	83.56	ng	88
57)	C610	4,6-Dinitro-2-methylp	11.97	198	361204	99.35	ng	100
58)	C615	n-Nitrosodiphenylamin	12.07	169	1307003	81.12	ng	98
60)	C625	4-Bromophenyl-phenyle	12.54	248	427495	80.81	ng	# 87
61)	C630	Hexachlorobenzene	12.59	284	423001	74.90	ng	75
62)	C635	Pentachlorophenol	12.85	266	329842	92.59	ng	95
63)	C640	Phenanthrene	13.09	178	2561008	81.74	ng	97
64)	C645	Anthracene	13.15	178	2627946	83.07	ng	98
65)	C647	carbazole	13.35	167	2353886	77.49	ng	97
66)	C650	Di-n-butylphthalate	13.75	149	3034946	81.02	ng	99
67)	C655	Fluoranthene	14.36	202	2754350	84.08	ng	97
69)	C715	Pyrene	14.58	202	2796293	79.66	ng	97
70)	C710	benzidine	14.51	184	1766858	82.46	ng	100
72)	C720	Butylbenzylphthalate	15.19	149	1423381	79.72	ng	98
73)	C725	3,3'-Dichlorobenzidin	15.67	252	1070599	80.90	ng	98
74)	C730	Benzo[a]anthracene	15.68	228	2559214	82.75	ng	98
75)	C735	Chrysene	15.72	228	2533201	81.20	ng	99
76)	C740	bis(2-Ethylhexyl)phth	15.69	149	1884531	81.65	ng	93
77)	C760	Di-n-octylphthalate	16.23	149	3502999	72.50	ng	99
79)	C765	Benzo[b]fluoranthene	16.60	252	2727145	77.86	ng	96
80)	C770	Benzo[k]fluoranthene	16.63	252	2731278	86.05	ng	95
81)	C775	Benzo[a]pyrene	16.90	252	2651963	84.12	ng	97
82)	C780	Indeno[1,2,3-cd]pyren	18.01	276	2585083	78.03	ng	97
83)	C785	Dibenz[a,h]anthracene	18.02	278	2207703	78.56	ng	97
84)	C790	Benzo[a,g,h,i]perylene	18.32	276	2189081	76.21	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\103006\X12825.D
Acq On : 30 Oct 2006 11:33 am
Sample : SSTD120
Misc : 8270(10/18/06)
MS Integration Params: rteint.p

Vial: 5
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 30 12:20:49 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Oct 30 12:20:43 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\103006\X12825.D
 Acq On : 30 Oct 2006 11:33 am
 Sample : SSTD120
 Misc : 8270(10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:20:49 2006

Vial: 5
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:20:43 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103006\X12823.D (30 Oct 2006 10:44 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.55	152	313185	40.00	ng	0.00 103.14%
20) CI40 Naphthalene-d8	8.44	136	1343922	40.00	ng	0.00 104.84%
35) CI50 Acenaphthene-d8	11.06	164	746378	40.00	ng	0.00 104.97%
56) CI60 Phenanthrene-d10	13.06	188	1366981	40.00	ng	0.00 101.74%
68) CI70 Chrysene-d12	15.70	240	1171388	40.00	ng	0.00 93.80%
78) CI75 Perylene-d12	16.95	264	1259979	40.00	ng	0.00 102.05%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	1532525	122.08	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	81.39%		
5) CS45 Phenol-d5	6.05	99	1947276	124.34	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	82.89%		
6) CS70 2-chlorophenol-d4	6.22	132	1441526	121.73	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	81.15%		
12) CS75 1,2-dichlorobenzene-d	6.77	152	781895	118.08	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	118.08%#		
21) CS20 Nitrobenzene-d5	7.38	82	1532240	120.86	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	120.86%#		
39) CS25 2-Fluorobiphenyl	10.08	172	2586298	113.94	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	113.94%		
59) CS55 2,4,6-Tribromophenol	12.21	330	332356	112.71	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	75.14%		
71) CS30 Terphenyl-d14	14.74	244	2903307	119.28	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	119.28%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.77	74	885495	121.25	ng	94
4) C325 bis(2-Chloroethyl)eth	6.19	93	1406028	116.55	ng	# 73
7) C315 Phenol	6.07	94	2023665	122.05	ng	88
8) C330 2-Chlorophenol	6.25	128	1342040	117.98	ng	88
9) C320 aniline	6.07	93	2333902	122.88	ng	# 66
10) C335 1,3-Dichlorobenzene	6.46	146	1388385	115.38	ng	99
11) C340 1,4-Dichlorobenzene	6.58	146	1401436	114.88	ng	99
13) C350 1,2-Dichlorobenzene	6.79	146	1298061	115.68	ng	96
14) C345 Benzyl alcohol	6.78	108	936038	123.78	ng	# 77
15) C360 bis(2-chloroisopropyl	6.99	45	2545103	112.97	ng	98
16) C355 2-Methylphenol	6.96	108	1315901	120.11	ng	95
17) C375 Hexachloroethane	7.29	117	507919	117.63	ng	92
18) C370 N-Nitroso-di-n-propyl	7.18	70	998778	127.07	ng	# 74
19) C365 4-Methylphenol	7.20	108	1398688	121.33	ng	99
22) C410 Nitrobenzene	7.41	77	1491872	118.56	ng	87
23) C415 Isophorone	7.78	82	2858099	121.50	ng	91
24) C430 benzoic acid	8.30	122	2667222	225.32	ng	# 69
25) C420 2-Nitrophenol	7.88	139	718170	121.33	ng	85
26) C425 2,4-Dimethylphenol	7.99	107	1392277	118.67	ng	100
27) C435 bis(2-Chloroethoxy)me	8.13	93	1599281	117.36	ng	95
28) C440 2,4-Dichlorophenol	8.25	162	987138	118.16	ng	98

Data File : D:\DATA\103006\X12825.D
 Acq On : 30 Oct 2006 11:33 am
 Sample : SSTD120
 Misc : 8270(10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:20:49 2006

Vial: 5
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

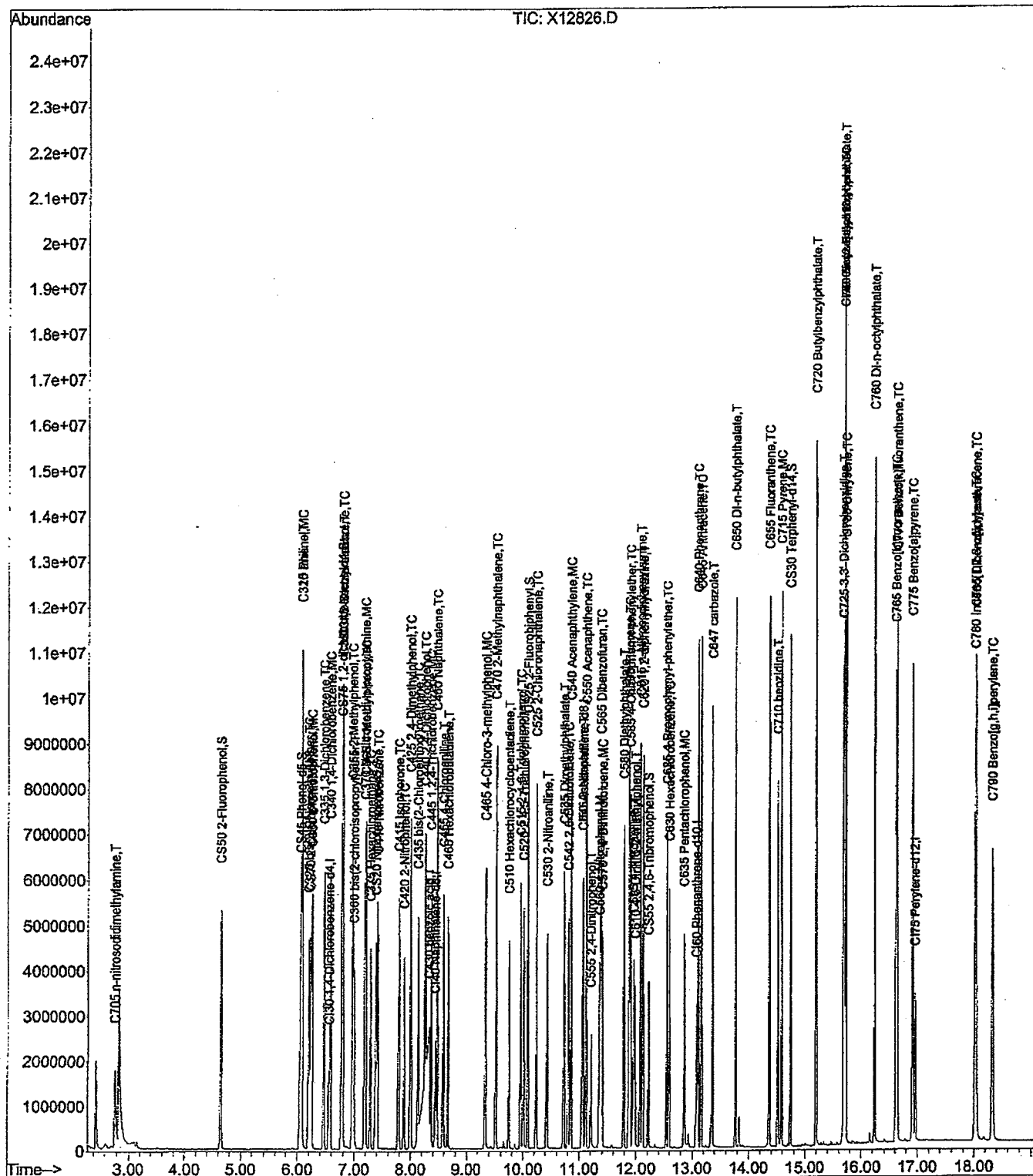
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:20:43 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103006\X12823.D (30 Oct 2006 10:44 am)

Internal Standards		R.T. QIon		Response	Conc	Units	Dev(Min)
							Rcv(Ar)
29)	C445 1,2,4-Trichlorobenzen	8.36	180	1064460	117.80	ng	96
30)	C450 Naphthalene	8.47	128	3755848	113.10	ng	98
31)	C455 4-Chloroaniline	8.58	127	1629430	118.37	ng	98
32)	C460 Hexachlorobutadiene	8.67	225	493146	115.36	ng	98
33)	C465 4-Chloro-3-methylphen	9.33	107	1242084	122.72	ng	97
34)	C470 2-Methylnaphthalene	9.51	142	2424821	115.91	ng	98
36)	C510 Hexachlorocyclopentad	9.74	237	627194	123.76	ng	93
37)	C515 2,4,6-Trichlorophenol	9.95	196	693383	123.53	ng	97
38)	C520 2,4,5-Trichlorophenol	10.00	196	751257	122.75	ng	99
40)	C525 2-Chloronaphthalene	10.23	162	2205063	114.01	ng	94
41)	C530 2-Nitroaniline	10.42	65	840096	122.57	ng	84
42)	C540 Acenaphthylene	10.85	152	3774178	115.20	ng	98
43)	C535 Dimethylphthalate	10.72	163	2609767	117.96	ng	99
44)	C542 2,6-Dinitrotoluene	10.80	165	604178	120.81	ng	92
45)	C550 Acenaphthene	11.11	153	2186613	114.18	ng	95
46)	C545 3-Nitroaniline	11.05	138	771413	121.11	ng	87
47)	C555 2,4-Dinitrophenol	11.20	184	321485	123.08	ng	# 53
48)	C565 Dibenzofuran	11.37	168	3088145	113.87	ng	92
49)	C570 2,4-Dinitrotoluene	11.40	165	815028	118.58	ng	84
50)	C560 4-Nitrophenol	11.35	109	371683	125.53	ng	# 74
51)	C590 Fluorene	11.87	166	2471363	114.52	ng	98
52)	C585 4-Chlorophenyl-phenyl	11.90	204	1145201	117.79	ng	90
53)	C580 Diethylphthalate	11.78	149	2521022	117.36	ng	98
54)	C620 1,2-diphenylhydrazine	12.11	77	2968596	117.86	ng	83
55)	C595 4-Nitroaniline	11.95	138	784479	119.43	ng	87
57)	C610 4,6-Dinitro-2-methylp	11.98	198	448246	115.91	ng	100
58)	C615 n-Nitrosodiphenylamin	12.07	169	1960368	112.62	ng	97
60)	C625 4-Bromophenyl-phenyle	12.55	248	644241	113.44	ng	87
61)	C630 Hexachlorobenzene	12.59	284	646776	108.13	ng	84
62)	C635 Pentachlorophenol	12.85	266	413907	111.09	ng	95
63)	C640 Phenanthrene	13.09	178	3771861	111.36	ng	98
64)	C645 Anthracene	13.16	178	3853568	112.19	ng	98
65)	C647 carbazole	13.35	167	3530312	109.03	ng	96
66)	C650 Di-n-butylphthalate	13.76	149	4571716	114.08	ng	99
67)	C655 Fluoranthene	14.36	202	3991829	111.98	ng	93
69)	C715 Pyrene	14.58	202	4125113	118.81	ng	92
70)	C710 benzidine	14.51	184	2520416	116.13	ng	100
72)	C720 Butylbenzylphthalate	15.20	149	2078137	118.59	ng	94
73)	C725 3,3'-Dichlorobenzidin	15.67	252	1579722	118.31	ng	99
74)	C730 Benzo[a]anthracene	15.68	228	3570719	115.52	ng	99
75)	C735 Chrysene	15.72	228	3544179	114.23	ng	99
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	2573032	113.20	ng	93
77)	C760 Di-n-octylphthalate	16.23	149	5065333	104.96	ng	98
79)	C765 Benzo[b]fluoranthene	16.61	252	4165498	115.40	ng	94
80)	C770 Benzo[k]fluoranthene	16.63	252	3659645	111.00	ng	96
81)	C775 Benzo[a]pyrene	16.90	252	3789698	115.25	ng	97
82)	C780 Indeno[1,2,3-cd]pyren	18.02	276	3665623	108.89	ng	93
83)	C785 Dibenz[a,h]anthracene	18.02	278	3091389	108.13	ng	96
84)	C790 Benzo[g,h,i]perylene	18.32	276	3129812	108.01	ng	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Vial: 6
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 30 12:21:02 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Oct 30 12:20:57 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\103006\X12826.D
 Acq On : 30 Oct 2006 11:58 am
 Sample : SSTD160
 Misc : 8270(10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:21:02 2006

Vial: 6
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:20:57 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103006\X12823.D (30 Oct 2006 10:44 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.55	152	307577	40.00	ng	0.00 101.29%
20) CI40 Naphthalene-d8	8.44	136	1266071	40.00	ng	0.00 98.77%
35) CI50 Acenaphthene-d8	11.06	164	696775	40.00	ng	0.00 97.99%
56) CI60 Phenanthrene-d10	13.06	188	1275066	40.00	ng	0.00 94.89%
68) CI70 Chrysene-d12	15.70	240	1064545	40.00	ng	0.00 85.25%
78) CI75 Perylene-d12	16.95	264	1207628	40.00	ng	0.00 97.81%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	1985892	159.61	ng	0.00
Spiked Amount 150.000	Range 21	- 110	Recovery	=	106.41%	
5) CS45 Phenol-d5	6.05	99	2507216	160.51	ng	0.00
Spiked Amount 150.000	Range 10	- 110	Recovery	=	107.01%	
6) CS70 2-chlorophenol-d4	6.22	132	1865220	159.41	ng	0.00
Spiked Amount 150.000	Range 33	- 110	Recovery	=	106.27%	
12) CS75 1,2-dichlorobenzene-d	6.77	152	1018625	155.22	ng	0.00
Spiked Amount 100.000	Range 16	- 110	Recovery	=	155.22%#	
21) CS20 Nitrobenzene-d5	7.38	82	1990309	165.44	ng	0.00
Spiked Amount 100.000	Range 34	- 114	Recovery	=	165.44%#	
39) CS25 2-Fluorobiphenyl	10.08	172	3235744	153.00	ng	0.00
Spiked Amount 100.000	Range 43	- 116	Recovery	=	153.00%#	
59) CS55 2,4,6-Tribromophenol	12.21	330	414251	156.19	ng	0.00
Spiked Amount 150.000	Range 10	- 123	Recovery	=	104.13%	
71) CS30 Terphenyl-d14	14.74	244	3614056	162.69	ng	0.00
Spiked Amount 100.000	Range 33	- 141	Recovery	=	162.69%#	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.77	74	1195729	165.68	ng	93
4) C325 bis(2-Chloroethyl)eth	6.19	93	1866399	157.64	ng	# 73
7) C315 Phenol	6.07	94	2556108	154.95	ng	79
8) C330 2-Chlorophenol	6.25	128	1747829	156.32	ng	86
9) C320 aniline	6.08	93	2971630	156.18	ng	# 65
10) C335 1,3-Dichlorobenzene	6.46	146	1830331	155.42	ng	97
11) C340 1,4-Dichlorobenzene	6.58	146	1859386	155.54	ng	99
13) C350 1,2-Dichlorobenzene	6.80	146	1680013	152.17	ng	96
14) C345 Benzyl alcohol	6.78	108	1176059	157.27	ng	# 75
15) C360 bis(2-chloroisopropyl	6.99	45	3307271	152.88	ng	98
16) C355 2-Methylphenol	6.96	108	1669716	155.24	ng	97
17) C375 Hexachloroethane	7.29	117	666524	156.88	ng	94
18) C370 N-Nitroso-di-n-propyl	7.18	70	1260537	160.14	ng	# 76
19) C365 4-Methylphenol	7.20	108	1757395	154.80	ng	98
22) C410 Nitrobenzene	7.41	77	1928568	162.03	ng	90
23) C415 Isophorone	7.78	82	3607989	161.55	ng	92
24) C430 benzoic acid	8.33	122	3516578	260.11	ng	# 67
25) C420 2-Nitrophenol	7.88	139	931859	168.88	ng	86
26) C425 2,4-Dimethylphenol	7.99	107	1744902	157.50	ng	98
27) C435 bis(2-Chloroethoxy)me	8.13	93	2025648	157.62	ng	97
28) C440 2,4-Dichlorophenol	8.25	162	1254190	158.42	ng	96

Data File : D:\DATA\103006\X12826.D
 Acq On : 30 Oct 2006 11:58 am
 Sample : SSTD160
 Misc : 8270(10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:21:02 2006

Vial: 6
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:20:57 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103006\X12823.D (30 Oct 2006 10:44 am)

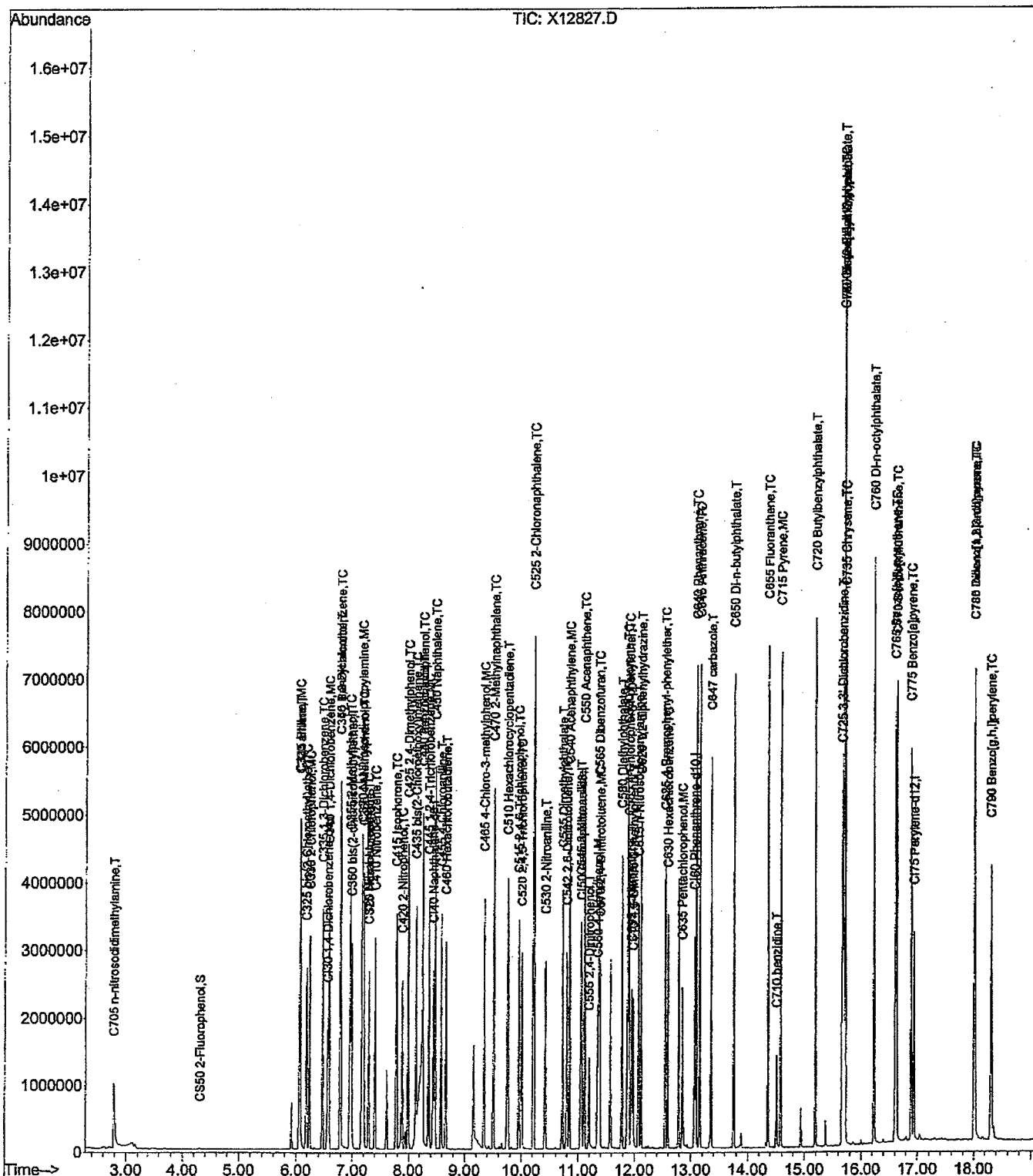
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29)	C445 1,2,4-Trichlorobenzen	8.36	180	1361578	157.66	ng	94
30)	C450 Naphthalene	8.47	128	4775204	153.80	ng	97
31)	C455 4-Chloroaniline	8.59	127	2041026	156.66	ng	98
32)	C460 Hexachlorobutadiene	8.67	225	640474	156.37	ng	99
33)	C465 4-Chloro-3-methylphen	9.34	107	1564007	162.28	ng	99
34)	C470 2-Methylphthalene	9.51	142	3041460	154.62	ng	100
36)	C510 Hexachlorocyclopentad	9.74	237	808083	170.66	ng	96
37)	C515 2,4,6-Trichlorophenol	9.95	196	881832	167.31	ng	99
38)	C520 2,4,5-Trichlorophenol	10.00	196	935448	162.04	ng	99
40)	C525 2-Chloronaphthalene	10.23	162	2743926	152.93	ng	94
41)	C530 2-Nitroaniline	10.42	65	1083336	170.92	ng	# 80
42)	C540 Acenaphthylene	10.85	152	4692210	154.49	ng	99
43)	C535 Dimethylphthalate	10.72	163	3251543	157.21	ng	100
44)	C542 2,6-Dinitrotoluene	10.80	165	771663	167.02	ng	91
45)	C550 Acenaphthene	11.11	153	2699459	151.55	ng	97
46)	C545 3-Nitroaniline	11.05	138	975892	165.42	ng	90
47)	C555 2,4-Dinitrophenol	11.20	184	431576	180.26	ng	# 58
48)	C565 Dibenzofuran	11.38	168	3841629	152.23	ng	92
49)	C570 2,4-Dinitrotoluene	11.40	165	1035759	161.03	ng	76
50)	C560 4-Nitrophenol	11.35	109	473094	166.74	ng	# 81
51)	C590 Fluorene	11.88	166	3065907	152.70	ng	96
52)	C585 4-Chlorophenyl-phenyl	11.90	204	1426254	156.01	ng	89
53)	C580 Diethylphthalate	11.78	149	3173853	157.59	ng	99
54)	C620 1,2-diphenylhydrazine	12.12	77	3689280	155.88	ng	83
55)	C595 4-Nitroaniline	11.96	138	984304	161.66	ng	91
57)	C610 4,6-Dinitro-2-methylp	11.98	198	580581	165.23	ng	100
58)	C615 n-Nitrosodiphenylamin	12.08	169	2433212	152.60	ng	97
60)	C625 4-Bromophenyl-phenyle	12.55	248	795082	152.41	ng	# 84
61)	C630 Hexachlorobenzene	12.59	284	796843	148.61	ng	80
62)	C635 Pentachlorophenol	12.85	266	531197	159.16	ng	94
63)	C640 Phenanthrene	13.10	178	4651409	148.71	ng	97
64)	C645 Anthracene	13.16	178	4745588	149.75	ng	99
65)	C647 carbazole	13.36	167	4445093	151.39	ng	97
66)	C650 Di-n-butylphthalate	13.76	149	5652326	155.01	ng	99
67)	C655 Fluoranthene	14.36	202	5061256	154.30	ng	95
69)	C715 Pyrene	14.58	202	5164648	165.37	ng	94
70)	C710 benzidine	14.51	184	3143365	159.89	ng	99
72)	C720 Butylbenzylphthalate	15.20	149	2559015	164.15	ng	96
73)	C725 3,3'-Dichlorobenzidin	15.67	252	1994207	163.42	ng	99
74)	C730 Benzo[a]anthracene	15.69	228	4349225	156.17	ng	99
75)	C735 Chrysene	15.72	228	4431798	159.31	ng	98
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	3089843	152.79	ng	92
77)	C760 Di-n-octylphthalate	16.23	149	6552043	153.64	ng	99
79)	C765 Benzo[b]fluoranthene	16.61	252	5081635	148.76	ng	96
80)	C770 Benzo[k]fluoranthene	16.63	252	4949967	157.09	ng	96
81)	C775 Benzo[a]pyrene	16.91	252	4903733	156.37	ng	96
82)	C780 Indeno[1,2,3-cd]pyren	18.02	276	4892707	155.88	ng	93
83)	C785 Dibenz[a,h]anthracene	18.03	278	4066496	152.89	ng	93
84)	C790 Benzo[g,h,i]perylene	18.33	276	4216528	157.31	ng	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : D:\DATA\103006\X12827.D
Acq On : 30 Oct 2006 12:23 pm
Sample : CHECK SST080
Misc : 2ND SC(08/23/06)
MS Integration Params: rteint.p

Vial: 7
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 30 12:45:54 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Oct 30 12:22:38 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\103006\X12827.D
Acq On : 30 Oct 2006 12:23 pm
Sample : CHECK SST080
Misc : 2ND SC(08/23/06)
MS Integration Params: rteint.p
Quant Time: Oct 30 12:45:54 2006

Vial: 7
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Oct 30 12:22:38 2006
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : D:\DATA\103006\X12823.D (30 Oct 2006 10:44 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.55	152	327586	40.00	ng	0.00 107.88%
20) CI40 Naphthalene-d8	8.44	136	1349236	40.00	ng	0.00 105.26%
35) CI50 Acenaphthene-d8	11.06	164	706547	40.00	ng	0.00 99.36%
56) CI60 Phenanthrene-d10	13.06	188	1253293	40.00	ng	0.00 93.27%
68) CI70 Chrysene-d12	15.69	240	1127006	40.00	ng	0.00 90.25%
78) CI75 Perylene-d12	16.95	264	1147701	40.00	ng	0.00 92.95%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.31	112	7481	0.56	ng	-0.34
Spiked Amount 150.000	Range 21	- 110	Recovery	=	0.37%#	
5) CS45 Phenol-d5	0.00	99	0	0.00	ng	
Spiked Amount 150.000	Range 10	- 110	Recovery	=	0.00%#	
6) CS70 2-chlorophenol-d4	6.25	132	970	0.08	ng	0.03
Spiked Amount 150.000	Range 33	- 110	Recovery	=	0.05%#	
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16	- 110	Recovery	=	0.00%#	
21) CS20 Nitrobenzene-d5	7.29	82	85975	6.60	ng	-0.09
Spiked Amount 100.000	Range 34	- 114	Recovery	=	6.60%#	
39) CS25 2-Fluorobiphenyl	10.07	172	435	0.02	ng	0.00
Spiked Amount 100.000	Range 43	- 116	Recovery	=	0.02%#	
59) CS55 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
Spiked Amount 150.000	Range 10	- 123	Recovery	=	0.00%#	
71) CS30 Terphenyl-d14	14.73	244	1907	0.08	ng	0.00
Spiked Amount 100.000	Range 33	- 141	Recovery	=	0.08%#	

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.79	74	668334	86.73	ng	94
4) C325 bis(2-Chloroethyl)eth	6.19	93	1093062	86.82	ng	# 76
7) C315 Phenol	6.07	94	1529022	86.40	ng	97
8) C330 2-Chlorophenol	6.25	128	1002973	84.69	ng	87
9) C320 aniline	6.08	93	1471643	71.49	ng	# 63
10) C335 1,3-Dichlorobenzene	6.46	146	1089492	87.15	ng	100
11) C340 1,4-Dichlorobenzene	6.58	146	1098150	86.35	ng	100
13) C350 1,2-Dichlorobenzene	6.79	146	1006808	85.43	ng	93
14) C345 Benzyl alcohol	6.78	108	709573	89.30	ng	# 74
15) C360 bis(2-chloroisopropyl	6.99	45	1872489	83.59	ng	98
16) C355 2-Methylphenol	6.96	108	970475	85.48	ng	96
17) C375 Hexachloroethane	7.29	117	398978	88.50	ng	94
18) C370 N-Nitroso-di-n-propyl	7.18	70	731896	86.37	ng	# 78
19) C365 4-Methylphenol	7.20	108	1029972	85.73	ng	100
22) C410 Nitrobenzene	7.40	77	1123782	87.33	ng	91
23) C415 Isophorone	7.78	82	1986215	82.72	ng	91
24) C430 benzoic acid	8.24	122	1544782	187.86	ng	# 70
25) C420 2-Nitrophenol	7.88	139	518185	88.61	ng	89
26) C425 2,4-Dimethylphenol	7.99	107	1035883	87.04	ng	97
27) C435 bis(2-Chloroethoxy)me	8.13	93	1212530	88.26	ng	95
28) C440 2,4-Dichlorophenol	8.25	162	729463	85.50	ng	97

Data File : D:\DATA\103006\X12827.D
 Acq On : 30 Oct 2006 12:23 pm
 Sample : CHECK SST080
 Misc : 2ND SC(08/23/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 30 12:45:54 2006

Vial: 7
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:22:38 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103006\X12823.D (30 Oct 2006 10:44 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	8.36	180	811881	86.38	ng		94
30) C450 Naphthalene	8.47	128	2914412	88.37	ng		99
31) C455 4-Chloroaniline	8.58	127	1150578	82.25	ng		100
32) C460 Hexachlorobutadiene	8.67	225	395459	88.46	ng		94
33) C465 4-Chloro-3-methylphen	9.34	107	881547	84.93	ng		100
34) C470 2-Methylnaphthalene	9.51	142	1799633	85.69	ng		98
36) C510 Hexachlorocyclopentad	9.74	237	459180	94.68	ng		94
37) C515 2,4,6-Trichlorophenol	9.94	196	491886	90.60	ng		97
38) C520 2,4,5-Trichlorophenol	10.00	196	532177	89.78	ng		99
40) C525 2-Chloronaphthalene	10.23	162	1559697	86.08	ng		92
41) C530 2-Nitroaniline	10.42	65	592680	92.11	ng	#	76
42) C540 Acenaphthylene	10.85	152	2767214	90.02	ng		100
43) C535 Dimethylphthalate	10.72	163	1784904	84.83	ng		100
44) C542 2,6-Dinitrotoluene	10.80	165	408277	87.19	ng		91
45) C550 Acenaphthene	11.11	153	1586448	87.81	ng		98
46) C545 3-Nitroaniline	11.04	138	530719	88.49	ng		93
47) C555 2,4-Dinitrophenol	11.19	184	211736	88.10	ng	#	52
48) C565 Dibenzofuran	11.37	168	2194524	85.70	ng		92
49) C570 2,4-Dinitrotoluene	11.39	165	561064	85.23	ng		82
50) C560 4-Nitrophenol	11.34	109	243226	82.56	ng	#	78
51) C590 Fluorene	11.87	166	1775065	87.09	ng		97
52) C585 4-Chlorophenyl-phenyl	11.90	204	816264	86.50	ng		93
53) C580 Diethylphthalate	11.78	149	1790171	86.46	ng		98
54) C620 1,2-diphenylhydrazine	12.11	77	2011438	82.85	ng		83
55) C595 4-Nitroaniline	11.94	138	509375	82.76	ng		85
57) C610 4,6-Dinitro-2-methylp	11.97	198	327473	96.76	ng		100
58) C615 n-Nitrosodiphenylamin	12.07	169	917411	59.16	ng		93
60) C625 4-Bromophenyl-phenyle	12.54	248	459439	90.84	ng	#	88
61) C630 Hexachlorobenzene	12.59	284	443676	86.46	ng		81
62) C635 Pentachlorophenol	12.85	266	279293	87.66	ng		95
63) C640 Phenanthrene	13.09	178	2712349	88.90	ng		97
64) C645 Anthracene	13.15	178	2762860	89.11	ng		99
65) C647 carbazole	13.35	167	2377678	84.16	ng		97
66) C650 Di-n-butylphthalate	13.75	149	3021134	86.07	ng		99
67) C655 Fluoranthene	14.36	202	2751777	85.41	ng		99
69) C715 Pyrene	14.58	202	2878918	87.59	ng		97
70) C710 benzidine	14.51	184	518486	26.46	ng		100
72) C720 Butylbenzylphthalate	15.19	149	1419818	87.63	ng		99
73) C725 3,3'-Dichlorobenzidin	15.66	252	954402	77.40	ng		97
74) C730 Benzo[a]anthracene	15.68	228	2619219	89.04	ng		99
75) C735 Chrysene	15.72	228	2539245	87.28	ng		98
76) C740 bis(2-Ethylhexyl)phth	15.69	149	1877632	89.53	ng		96
77) C760 Di-n-octylphthalate	16.23	149	3459816	84.96	ng		99
79) C765 Benzo[b]fluoranthene	16.60	252	2735915	85.19	ng		96
80) C770 Benzo[k]fluoranthene	16.63	252	2723439	90.91	ng		96
81) C775 Benzo[a]pyrene	16.90	252	2521352	84.46	ng		98
82) C780 Indeno[1,2,3-cd]pyren	18.01	276	2731458	93.15	ng		94
83) C785 Dibenz[a,h]anthracene	18.02	278	2281304	91.93	ng		96
84) C790 Benzo[g,h,i]perylene	18.31	276	2350353	94.48	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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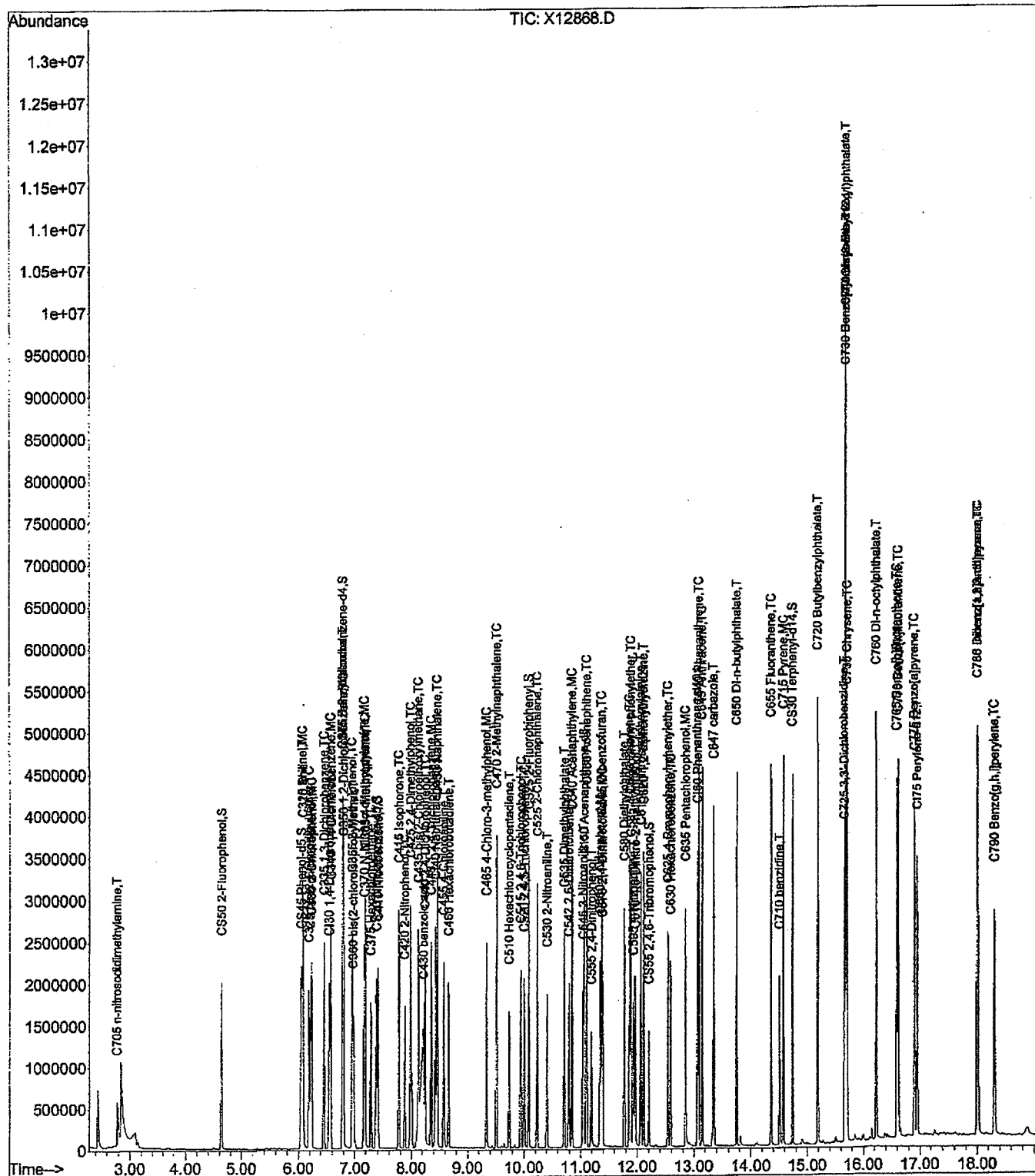
SEMIVOLATILE 3RD ED: 50NG CONT
CONTINUING CALIBRATION CHECKLab Name: STL Buffalo Contract: _____ Lab Samp ID: A6C0006638-1Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____Lab File Id: X12868.RR Calibration Date: 10/31/2006 Time: 07:59Instrument ID: HP5973X Init. Calib. Date(s): 10/30/2006 10/30/2006Init. Calib. Times: 10:19 11:58

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.1610	2.3700	0.0500	-9.700	20.00
4-Methylphenol	1.4670	1.5789	0.0500	-7.600	25.00
Naphthalene	0.9780	1.0521	0.0500	-7.600	25.00
=====					
Nitrobenzene-D5	0.3860	0.4233	0.0500	-9.700	25.00
2-Fluorobiphenyl	1.2140	1.2530	0.0500	-3.200	25.00
p-Terphenyl-d14	0.8400	0.7736	0.0500	7.900	25.00
Phenol-D5	2.0490	2.1595	0.0500	-5.400	25.00
2-Fluorophenol	1.6230	1.7267	0.0500	-6.400	25.00
2,4,6-Tribromophenol	0.0790	0.0837	0.0500	-5.900	25.00

Data File : D:\DATA\103106\X12868.D
Acq On : 31 Oct 2006 7:59 am
Sample : SST050
Misc : 8270(8/23/06)
MS Integration Params: rteint.p

Vial: 2
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 31 08:20:07 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Mon Oct 30 12:22:38 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\103106\X12868.D
 Acq On : 31 Oct 2006 7:59 am
 Sample : SSTD050
 Misc : 8270(8/23/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 31 08:20:07 2006

Vial: 2
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:22:38 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\102706\X12763.D (27 Oct 2006 9:00 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	346877	40.00	ng	0.00 114.24%
20) CI40 Naphthalene-d8	8.43	136	1417934	40.00	ng	0.00 110.62%
35) CI50 Acenaphthene-d8	11.06	164	744089	40.00	ng	0.00 104.64%
56) CI60 Phenanthrene-d10	13.06	188	1278888	40.00	ng	0.00 95.18%
68) CI70 Chrysene-d12	15.69	240	1173270	40.00	ng	0.00 93.95%
78) CI75 Perylene-d12	16.94	264	1179425	40.00	ng	0.00 95.52%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	748687	53.18	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	35.45%		
5) CS45 Phenol-d5	6.04	99	936360	52.70	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	35.13%		
6) CS70 2-chlorophenol-d4	6.21	132	685427	51.95	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	34.63%		
12) CS75 1,2-dichlorobenzene-d	6.77	152	387089	51.97	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	51.97%		
21) CS20 Nitrobenzene-d5	7.37	82	750208	54.81	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	54.81%		
39) CS25 2-Fluorobiphenyl	10.07	172	1165438	51.59	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	51.59%		
59) CS55 2,4,6-Tribromophenol	12.20	330	133773	52.67	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	35.11%		
71) CS30 Terphenyl-d14	14.73	244	1134544	46.03	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	46.03%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.77	74	435172	53.33	ng	92
4) C325 bis(2-Chloroethyl)eth	6.18	93	738818	55.42	ng	# 74
7) C315 Phenol	6.06	94	1027623	54.84	ng	92
8) C330 2-Chlorophenol	6.23	128	662390	52.82	ng	83
9) C320 aniline	6.07	93	1130806	51.88	ng	# 65
10) C335 1,3-Dichlorobenzene	6.46	146	710796	53.70	ng	99
11) C340 1,4-Dichlorobenzene	6.57	146	716930	53.24	ng	99
13) C350 1,2-Dichlorobenzene	6.79	146	664687	53.26	ng	96
14) C345 Benzyl alcohol	6.77	108	459231	54.58	ng	# 79
15) C360 bis(2-chloroisopropyl	6.97	45	1298848	54.76	ng	98
16) C355 2-Methylphenol	6.95	108	632248	52.59	ng	98
17) C375 Hexachloroethane	7.28	117	263680	55.23	ng	98
18) C370 N-Nitroso-di-n-propyl	7.17	70	496980	55.39	ng	# 77
19) C365 4-Methylphenol	7.19	108	684586	53.81	ng	99
22) C410 Nitrobenzene	7.40	77	758332	56.08	ng	93
23) C415 Isophorone	7.77	82	1388191	55.02	ng	93
24) C430 benzoic acid	8.22	122	1193343	174.88	ng	# 68
25) C420 2-Nitrophenol	7.88	139	339851	55.30	ng	90
26) C425 2,4-Dimethylphenol	7.98	107	663213	53.03	ng	98
27) C435 bis(2-Chloroethoxy)me	8.12	93	815518	56.49	ng	96
28) C440 2,4-Dichlorophenol	8.24	162	459131	51.21	ng	95

Data File : D:\DATA\103106\X12868.D
 Acq On : 31 Oct 2006 7:59 am
 Sample : SST050
 Misc : 8270(8/23/06)
 MS Integration Params: rteint.p
 Quant Time: Oct 31 08:20:07 2006

Vial: 2
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Mon Oct 30 12:22:38 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\102706\X12763.D (27 Oct 2006 9:00 am)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
29)	C445 1,2,4-Trichlorobenzen	8.36	180	507620	51.39	ng	93
30)	C450 Naphthalene	8.46	128	1864717	53.80	ng	99
31)	C455 4-Chloroaniline	8.58	127	755852	51.41	ng	99
32)	C460 Hexachlorobutadiene	8.66	225	239111	50.90	ng	97
33)	C465 4-Chloro-3-methylphen	9.33	107	559773	51.32	ng	97
34)	C470 2-Methylnaphthalene	9.51	142	1166910	52.87	ng	99
36)	C510 Hexachlorocyclopentad	9.74	237	270168	52.90	ng	95
37)	C515 2,4,6-Trichlorophenol	9.94	196	302599	52.92	ng	97
38)	C520 2,4,5-Trichlorophenol	10.00	196	326091	52.24	ng	99
40)	C525 2-Chloronaphthalene	10.23	162	1017237	53.31	ng	96
41)	C530 2-Nitroaniline	10.41	65	384862	56.79	ng	92
42)	C540 Acenaphthylene	10.84	152	1710992	52.85	ng	99
43)	C535 Dimethylphthalate	10.71	163	1115225	50.33	ng	99
44)	C542 2,6-Dinitrotoluene	10.79	165	248969	50.49	ng	99
45)	C550 Acenaphthene	11.10	153	1009922	53.08	ng	96
46)	C545 3-Nitroaniline	11.04	138	332159	52.59	ng	87
47)	C555 2,4-Dinitrophenol	11.19	184	213097	85.13	ng	# 58
48)	C565 Dibenzofuran	11.37	168	1416799	52.54	ng	89
49)	C570 2,4-Dinitrotoluene	11.38	165	339217	48.93	ng	# 70
50)	C560 4-Nitrophenol	11.34	109	255854	82.47	ng	# 80
51)	C590 Fluorene	11.87	166	1119051	52.13	ng	95
52)	C585 4-Chlorophenyl-phenyl	11.89	204	514099	51.73	ng	90
53)	C580 Diethylphthalate	11.77	149	1118008	51.27	ng	98
54)	C620 1,2-diphenylhydrazine	12.11	77	1425760	55.76	ng	87
55)	C595 4-Nitroaniline	11.94	138	321897	49.66	ng	93
57)	C610 4,6-Dinitro-2-methylp	11.97	198	290500	84.12	ng	100
58)	C615 n-Nitrosodiphenylamin	12.07	169	787303	49.75	ng	95
60)	C625 4-Bromophenyl-phenyle	12.54	248	272479	52.80	ng	85
61)	C630 Hexachlorobenzene	12.58	284	264750	50.56	ng	# 74
62)	C635 Pentachlorophenol	12.85	266	291869	89.78	ng	90
63)	C640 Phenanthrene	13.09	178	1718409	55.20	ng	99
64)	C645 Anthracene	13.14	178	1714755	54.20	ng	98
65)	C647 carbazole	13.35	167	1500019	52.03	ng	97
66)	C650 Di-n-butylphthalate	13.75	149	1906292	53.22	ng	99
67)	C655 Fluoranthene	14.36	202	1719845	52.31	ng	98
69)	C715 Pyrene	14.58	202	1759709	51.43	ng	99
70)	C710 benzidine	14.50	184	671673	32.93	ng	100
72)	C720 Butylbenzylphthalate	15.19	149	879652	52.15	ng	98
73)	C725 3,3'-Dichlorobenzidin	15.66	252	616600	48.03	ng	98
74)	C730 Benzo[a]anthracene	15.68	228	1644869	53.71	ng	99
75)	C735 Chrysene	15.72	228	1518329	50.13	ng	99
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	1222078	55.97	ng	91
77)	C760 Di-n-octylphthalate	16.23	149	2127397	50.18	ng	99
79)	C765 Benzo[b]fluoranthene	16.60	252	1687138	51.12	ng	96
80)	C770 Benzo[k]fluoranthene	16.62	252	1655313	53.77	ng	96
81)	C775 Benzo[a]pyrene	16.89	252	1595394	52.01	ng	99
82)	C780 Indeno[1,2,3-cd]pyren	18.00	276	1763524	58.52	ng	100
83)	C785 Dibenz[a,h]anthracene	18.01	278	1467446	57.54	ng	97
84)	C790 Benzo[g,h,i]perylene	18.30	276	1488161	58.21	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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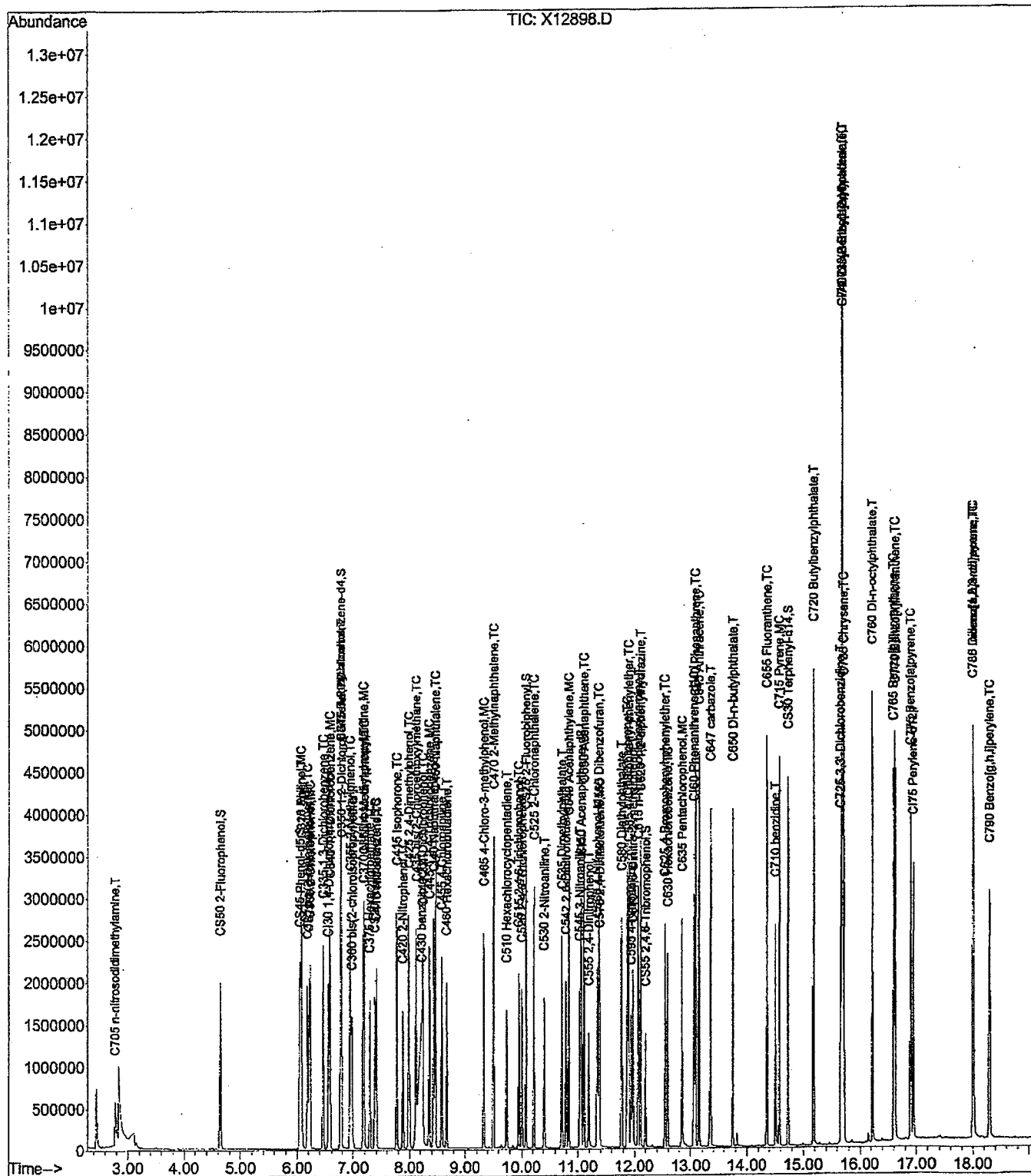
SEMIVOLATILE 3RD ED: 50NG CONT
CONTINUING CALIBRATION CHECKLab Name: STL Buffalo Contract: _____ Lab Samp ID: A6C0006673-1Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____Lab File Id: X12898.RR Calibration Date: 10/31/2006 Time: 20:12Instrument ID: HP5973X Init. Calib. Date(s): 10/30/2006 10/30/2006Init. Calib. Times: 10:19 11:58

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.1610	2.4597	0.0500	-13.800	20.00
4-Methylphenol	1.4670	1.6114	0.0500	-9.800	25.00
Naphthalene	0.9780	1.0509	0.0500	-7.400	25.00
=====					
Nitrobenzene-D5	0.3860	0.4153	0.0500	-7.600	25.00
2-Fluorobiphenyl	1.2140	1.2555	0.0500	-3.400	25.00
p-Terphenyl-d14	0.8400	0.7285	0.0500	13.300	25.00
Phenol-D5	2.0490	2.2051	0.0500	-7.600	25.00
2-Fluorophenol	1.6230	1.7540	0.0500	-8.100	25.00
2,4,6-Tribromophenol	0.0790	0.0812	0.0500	-2.800	25.00

Data File : D:\DATA\103106\X12898.D
Acq On : 31 Oct 2006 8:12 pm
Sample : SST050
Misc : 8270(8/23/06)
MS Integration Params: rteint.p

Vial: 32
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:53:24 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Oct 31 15:41:41 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\103106\X12898.D
 Acq On : 31 Oct 2006 8:12 pm
 Sample : SSTD050
 Misc : 8270(8/23/06)
 MS Integration Params: rteint.p
 Quant Time: Nov 01 06:53:24 2006

Vial: 32
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Oct 31 15:41:41 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103106\X12868.D (31 Oct 2006 7:59 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	333546	40.00	ng	0.00 96.16%
20) CI40 Naphthalene-d8	8.43	136	1406608	40.00	ng	0.00 99.20%
35) CI50 Acenaphthene-d8	11.06	164	729984	40.00	ng	0.00 98.10%
56) CI60 Phenanthrene-d10	13.06	188	1276253	40.00	ng	0.00 99.79%
68) CI70 Chrysene-d12	15.69	240	1227920	40.00	ng	0.00 104.66%
78) CI75 Perylene-d12	16.94	264	1224876	40.00	ng	0.00 103.85%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	731305	54.02	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	36.01%		
5) CS45 Phenol-d5	6.04	99	919363	53.81	ng	0.00
Spiked Amount 150.000	Range 10 - 110		Recovery =	35.87%		
6) CS70 2-chlorophenol-d4	6.21	132	658550	51.91	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	34.61%		
12) CS75 1,2-dichlorobenzene-d	6.77	152	376927	52.63	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	52.63%		
21) CS20 Nitrobenzene-d5	7.37	82	730139	53.78	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	53.78%		
39) CS25 2-Fluorobiphenyl	10.07	172	1145634	51.70	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	51.70%		
59) CS55 2,4,6-Tribromophenol	12.20	330	129553	51.11	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	34.07%		
71) CS30 Terphenyl-d14	14.73	244	1118236	43.35	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	43.35%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.78	74	457032	58.25	ng	96
4) C325 bis(2-Chloroethyl)eth	6.18	93	737135	57.50	ng	# 76
7) C315 Phenol	6.06	94	1025524	56.92	ng	92
8) C330 2-Chlorophenol	6.23	128	651642	54.04	ng	84
9) C320 aniline	6.07	93	1109658	52.94	ng	# 61
10) C335 1,3-Dichlorobenzene	6.46	146	690227	54.23	ng	99
11) C340 1,4-Dichlorobenzene	6.57	146	690221	53.31	ng	99
13) C350 1,2-Dichlorobenzene	6.79	146	647117	53.93	ng	96
14) C345 Benzyl alcohol	6.77	108	444633	54.96	ng	# 81
15) C360 bis(2-chloroisopropyl	6.98	45	1309539	57.42	ng	98
16) C355 2-Methylphenol	6.95	108	635016	54.93	ng	95
17) C375 Hexachloroethane	7.28	117	267431	58.26	ng	96
18) C370 N-Nitroso-di-n-propyl	7.17	70	498848	57.82	ng	# 76
19) C365 4-Methylphenol	7.19	108	671861	54.92	ng	99
22) C410 Nitrobenzene	7.40	77	769888	57.39	ng	93
23) C415 Isophorone	7.77	82	1365812	54.57	ng	92
24) C430 benzoic acid	8.22	122	1243689	176.70	ng	# 71
25) C420 2-Nitrophenol	7.88	139	320162	52.52	ng	89
26) C425 2,4-Dimethylphenol	7.98	107	648570	52.27	ng	99
27) C435 bis(2-Chloroethoxy)me	8.12	93	807866	56.41	ng	94
28) C440 2,4-Dichlorophenol	8.24	162	451386	50.75	ng	99

Data File : D:\DATA\103106\X12898.D
 Acq On : 31 Oct 2006 8:12 pm
 Sample : SST050
 Misc : 8270(8/23/06)
 MS Integration Params: rteint.p
 Quant Time: Nov 01 06:53:24 2006

Vial: 32
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Oct 31 15:41:41 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103106\X12868.D (31 Oct 2006 7:59 am)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)	
29)	C445 1,2,4-Trichlorobenzen	8.36	180	500497	51.08	ng	95
30)	C450 Naphthalene	8.46	128	1847794	53.74	ng	99
31)	C455 4-Chloroaniline	8.58	127	747313	51.24	ng	98
32)	C460 Hexachlorobutadiene	8.66	225	230588	49.48	ng	97
33)	C465 4-Chloro-3-methylphen	9.33	107	559131	51.67	ng	100
34)	C470 2-Methylnaphthalene	9.51	142	1150857	52.56	ng	99
36)	C510 Hexachlorocyclopentad	9.74	237	260649	52.02	ng	97
37)	C515 2,4,6-Trichlorophenol	9.94	196	287607	51.27	ng	98
38)	C520 2,4,5-Trichlorophenol	10.00	196	317987	51.93	ng	99
40)	C525 2-Chloronaphthalene	10.23	162	980653	52.38	ng	94
41)	C530 2-Nitroaniline	10.41	65	376091	56.57	ng	91
42)	C540 Acenaphthylene	10.84	152	1691097	53.25	ng	98
43)	C535 Dimethylphthalate	10.71	163	1094391	50.34	ng	99
44)	C542 2,6-Dinitrotoluene	10.79	165	243311	50.29	ng	94
45)	C550 Acenaphthene	11.10	153	995071	53.31	ng	97
46)	C545 3-Nitroaniline	11.03	138	318221	51.35	ng	96
47)	C555 2,4-Dinitrophenol	11.19	184	200808	82.60	ng	# 61
48)	C565 Dibenzofuran	11.37	168	1423143	53.79	ng	90
49)	C570 2,4-Dinitrotoluene	11.38	165	339375	49.90	ng	# 67
50)	C560 4-Nitrophenol	11.34	109	254869	83.74	ng	# 77
51)	C590 Fluorene	11.87	166	1115055	52.95	ng	98
52)	C585 4-Chlorophenyl-phenyl	11.89	204	508504	52.16	ng	89
53)	C580 Diethylphthalate	11.77	149	1106181	51.71	ng	99
54)	C620 1,2-diphenylhydrazine	12.11	77	1445433	57.62	ng	87
55)	C595 4-Nitroaniline	11.94	138	321304	50.53	ng	90
57)	C610 4,6-Dinitro-2-methylp	11.96	198	278643	80.85	ng	100
58)	C615 n-Nitrosodiphenylamin	12.07	169	781055	49.46	ng	95
60)	C625 4-Bromophenyl-phenyle	12.54	248	282488	54.85	ng	# 87
61)	C630 Hexachlorobenzene	12.58	284	270403	51.75	ng	77
62)	C635 Pentachlorophenol	12.85	266	280880	86.57	ng	92
63)	C640 Phenanthrene	13.09	178	1711880	55.10	ng	97
64)	C645 Anthracene	13.14	178	1705225	54.01	ng	98
65)	C647 carbazole	13.35	167	1518522	52.78	ng	96
66)	C650 Di-n-butylphthalate	13.75	149	1814064	50.75	ng	100
67)	C655 Fluoranthene	14.35	202	1685513	51.38	ng	93
69)	C715 Pyrene	14.58	202	1762344	49.21	ng	98
70)	C710 benzidine	14.50	184	843587	39.52	ng	98
72)	C720 Butylbenzylphthalate	15.19	149	875728	49.61	ng	92
73)	C725 3,3'-Dichlorobenzidin	15.66	252	619245	46.09	ng	97
74)	C730 Benzo[a]anthracene	15.68	228	1657299	51.71	ng	98
75)	C735 Chrysene	15.71	228	1573640	49.64	ng	100
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	1191193	52.13	ng	92
77)	C760 Di-n-octylphthalate	16.22	149	2033109	45.82	ng	100
79)	C765 Benzo[b]fluoranthene	16.60	252	1744676	50.90	ng	96
80)	C770 Benzo[k]fluoranthene	16.62	252	1685560	52.72	ng	99
81)	C775 Benzo[a]pyrene	16.89	252	1583107	49.69	ng	98
82)	C780 Indeno[1,2,3-cd]pyren	18.00	276	1778498	56.83	ng	100
83)	C785 Dibenz[a,h]anthracene	18.01	278	1512429	57.10	ng	98
84)	C790 Benzo[g,h,i]perylene	18.30	276	1514505	57.05	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

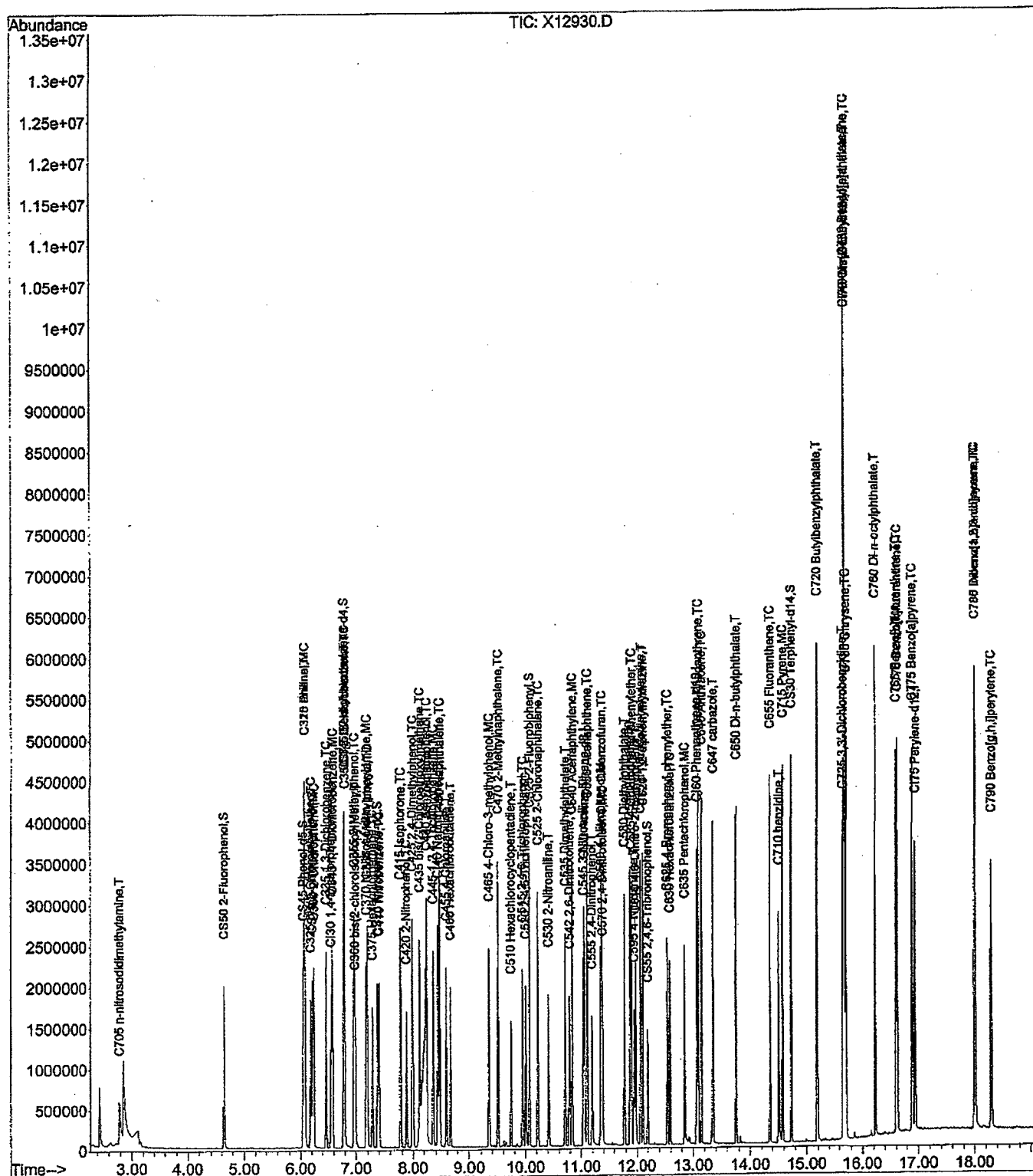
SEMIVOLATILE 3RD ED: 50NG CONT
CONTINUING CALIBRATION CHECKLab Name: STL Buffalo Contract: _____ Lab Samp ID: A6C0006674-1Lab Code: RECNY Case No.: _____ SAS No.: _____ SDG No: _____Lab File Id: X12930.RR Calibration Date: 11/01/2006 Time: 09:34Instrument ID: HP5973X Init. Calib. Date(s): 10/30/2006 10/30/2006Init. Calib. Times: 10:19 11:58

COMPOUND	AVG RRF	RRF50	MIN RRF	% D	MAX % D
Phenol	2.1610	2.4888	0.0500	-15.200	20.00
4-Methylphenol	1.4670	1.5895	0.0500	-8.400	25.00
Naphthalene	0.9780	1.0374	0.0500	-6.100	25.00
=====					
Nitrobenzene-D5	0.3860	0.4353	0.0500	-12.800	25.00
2-Fluorobiphenyl	1.2140	1.2978	0.0500	-6.900	25.00
p-Terphenyl-d14	0.8400	0.8090	0.0500	3.700	25.00
Phenol-D5	2.0490	2.2632	0.0500	-10.400	25.00
2-Fluorophenol	1.6230	1.8023	0.0500	-11.000	25.00
2,4,6-Tribromophenol	0.0790	0.0838	0.0500	-6.100	25.00

Data File : D:\DATA\110106\X12930.D
Acq On : 1 Nov 2006 9:34 am
Sample : SSTD050
Misc : 8270@ (10/18/06)
MS Integration Params: rteint.p

Vial: 2
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 09:57:25 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\110106\X12930.D

Acq On : 1 Nov 2006 9:34 am

Sample : SSTD050

Misc : 82700(10/18/06)

MS Integration Params: rteint.p

Quant Time: Nov 01 09:57:25 2006

Vial: 2

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Wed Nov 01 06:53:55 2006

Response via : Initial Calibration

DataAcq Meth : 8270

IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
						Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.55	152	329555	40.00	ng	0.00
						98.80%
20) CI40 Naphthalene-d8	8.44	136	1392454	40.00	ng	0.00
						98.99%
35) CI50 Acenaphthene-d8	11.06	164	722957	40.00	ng	0.00
						99.04%
56) CI60 Phenanthrene-d10	13.06	188	1229912	40.00	ng	0.00
						96.37%
68) CI70 Chrysene-d12	15.69	240	1227985	40.00	ng	0.00
						100.01%
78) CI75 Perylene-d12	16.94	264	1273235	40.00	ng	0.00
						103.95%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	742463	55.51	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	37.01%		
5) CS45 Phenol-d5	6.05	99	932295	55.23	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	36.82%		
6) CS70 2-chlorophenol-d4	6.21	132	679150	54.18	ng	0.00
Spiked Amount 150.000	Range 33 - 110		Recovery =	36.12%		
12) CS75 1,2-dichlorobenzene-d	6.77	152	384128	54.28	ng	0.00
Spiked Amount 100.000	Range 16 - 110		Recovery =	54.28%		
21) CS20 Nitrobenzene-d5	7.37	82	757662	56.37	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	56.37%		
39) CS25 2-Fluorobiphenyl	10.07	172	1172821	53.44	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	53.44%		
59) CS55 2,4,6-Tribromophenol	12.20	330	128797	52.73	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	35.15%		
71) CS30 Terphenyl-d14	14.73	244	1241857	48.14	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	48.14%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.78	74	431330	55.64	ng	95
4) C325 bis(2-Chloroethyl)eth	6.18	93	722781	57.07	ng	# 76
7) C315 Phenol	6.07	94	1025237	57.59	ng	80
8) C330 2-Chlorophenol	6.24	128	638898	53.63	ng	83
9) C320 aniline	6.07	93	1176362	56.81	ng	# 65
10) C335 1,3-Dichlorobenzene	6.46	146	670750	53.34	ng	99
11) C340 1,4-Dichlorobenzene	6.57	146	677535	52.96	ng	96
13) C350 1,2-Dichlorobenzene	6.79	146	640846	54.05	ng	95
14) C345 Benzyl alcohol	6.78	108	451426	56.47	ng	# 79
15) C360 bis(2-chloroisopropyl	6.98	45	1311626	58.21	ng	99
16) C355 2-Methylphenol	6.96	108	618123	54.12	ng	97
17) C375 Hexachloroethane	7.28	117	259254	57.16	ng	95
18) C370 N-Nitroso-di-n-propyl	7.17	70	501580	58.84	ng	# 74
19) C365 4-Methylphenol	7.19	108	654778	54.18	ng	97
22) C410 Nitrobenzene	7.40	77	759382	57.18	ng	90
23) C415 Isophorone	7.77	82	1359606	54.87	ng	95
24) C430 benzoic acid	8.24	122	1451939	183.49	ng	# 69
25) C420 2-Nitrophenol	7.88	139	328304	54.40	ng	92
26) C425 2,4-Dimethylphenol	7.98	107	649836	52.91	ng	98
27) C435 bis(2-Chloroethoxy)me	8.12	93	801895	56.56	ng	95
28) C440 2,4-Dichlorophenol	8.25	162	448236	50.91	ng	99

Data File : D:\DATA\110106\X12930.D
 Acq On : 1 Nov 2006 9:34 am
 Sample : SST050
 Misc : 8270@ (10/18/06)
 MS Integration Params: rteint.p
 Quant Time: Nov 01 09:57:25 2006

Vial: 2
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Wed Nov 01 06:53:55 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev (Min)
						Rcv (Ar)	
29)	C445 1,2,4-Trichlorobenzen	8.36	180	490222	50.54	ng	93
30)	C450 Naphthalene	8.46	128	1805665	53.05	ng	98
31)	C455 4-Chloroaniline	8.58	127	739360	51.21	ng	97
32)	C460 Hexachlorobutadiene	8.66	225	223690	48.48	ng	99
33)	C465 4-Chloro-3-methylphen	9.34	107	548448	51.20	ng	99
34)	C470 2-Methylnaphthalene	9.51	142	1101523	50.82	ng	100
36)	C510 Hexachlorocyclopentad	9.73	237	250253	50.43	ng	95
37)	C515 2,4,6-Trichlorophenol	9.94	196	283856	51.09	ng	99
38)	C520 2,4,5-Trichlorophenol	10.00	196	305247	50.33	ng	99
40)	C525 2-Chloronaphthalene	10.23	162	965316	52.07	ng	95
41)	C530 2-Nitroaniline	10.41	65	377122	57.28	ng	86
42)	C540 Acenaphthylene	10.84	152	1642985	52.24	ng	98
43)	C535 Dimethylphthalate	10.71	163	1079703	50.15	ng	98
44)	C542 2,6-Dinitrotoluene	10.79	165	246898	51.53	ng	95
45)	C550 Acenaphthene	11.10	153	957587	51.80	ng	97
46)	C545 3-Nitroaniline	11.04	138	312809	50.97	ng	97
47)	C555 2,4-Dinitrophenol	11.19	184	228846	91.87	ng	# 61
48)	C565 Dibenzofuran	11.37	168	1349957	51.52	ng	83
49)	C570 2,4-Dinitrotoluene	11.39	165	334134	49.61	ng	# 70
50)	C560 4-Nitrophenol	11.35	109	254406	84.40	ng	# 82
51)	C590 Fluorene	11.87	166	1061906	50.92	ng	96
52)	C585 4-Chlorophenyl-phenyl	11.89	204	496358	51.40	ng	90
53)	C580 Diethylphthalate	11.77	149	1097087	51.79	ng	99
54)	C620 1,2-diphenylhydrazine	12.11	77	1427686	57.47	ng	89
55)	C595 4-Nitroaniline	11.94	138	315598	50.11	ng	89
57)	C610 4,6-Dinitro-2-methylp	11.97	198	302459	91.07	ng	100
58)	C615 n-Nitrosodiphenylamin	12.07	169	837506	55.03	ng	96
60)	C625 4-Bromophenyl-phenyle	12.54	248	265342	53.46	ng	89
61)	C630 Hexachlorobenzene	12.58	284	261331	51.89	ng	# 75
62)	C635 Pentachlorophenol	12.85	266	264952	84.74	ng	96
63)	C640 Phenanthrene	13.09	178	1621103	54.14	ng	98
64)	C645 Anthracene	13.14	178	1663295	54.67	ng	99
65)	C647 carbazole	13.35	167	1491933	53.81	ng	98
66)	C650 Di-n-butylphthalate	13.75	149	1845008	53.56	ng	99
67)	C655 Fluoranthene	14.35	202	1633926	51.68	ng	93
69)	C715 Pyrene	14.58	202	1725352	48.18	ng	98
70)	C710 benzidine	14.51	184	1016306	47.60	ng	99
72)	C720 Butylbenzylphthalate	15.19	149	893862	50.63	ng	90
73)	C725 3,3'-Dichlorobenzidin	15.66	252	672993	50.09	ng	99
74)	C730 Benzo[a]anthracene	15.68	228	1655084	51.64	ng	98
75)	C735 Chrysene	15.71	228	1574100	49.65	ng	99
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	1204496	52.71	ng	93
77)	C760 Di-n-octylphthalate	16.22	149	2140309	48.23	ng	98
79)	C765 Benzo[b]fluoranthene	16.60	252	1837550	51.57	ng	96
80)	C770 Benzo[k]fluoranthene	16.62	252	1744746	52.50	ng	98
81)	C775 Benzo[a]pyrene	16.89	252	1786001	53.93	ng	98
82)	C780 Indeno[1,2,3-cd]pyren	18.00	276	1998000	61.42	ng	97
83)	C785 Dibenz[a,h]anthracene	18.01	278	1683581	61.15	ng	97
84)	C790 Benzo[g,h,i]perylene	18.30	276	1739582	63.04	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

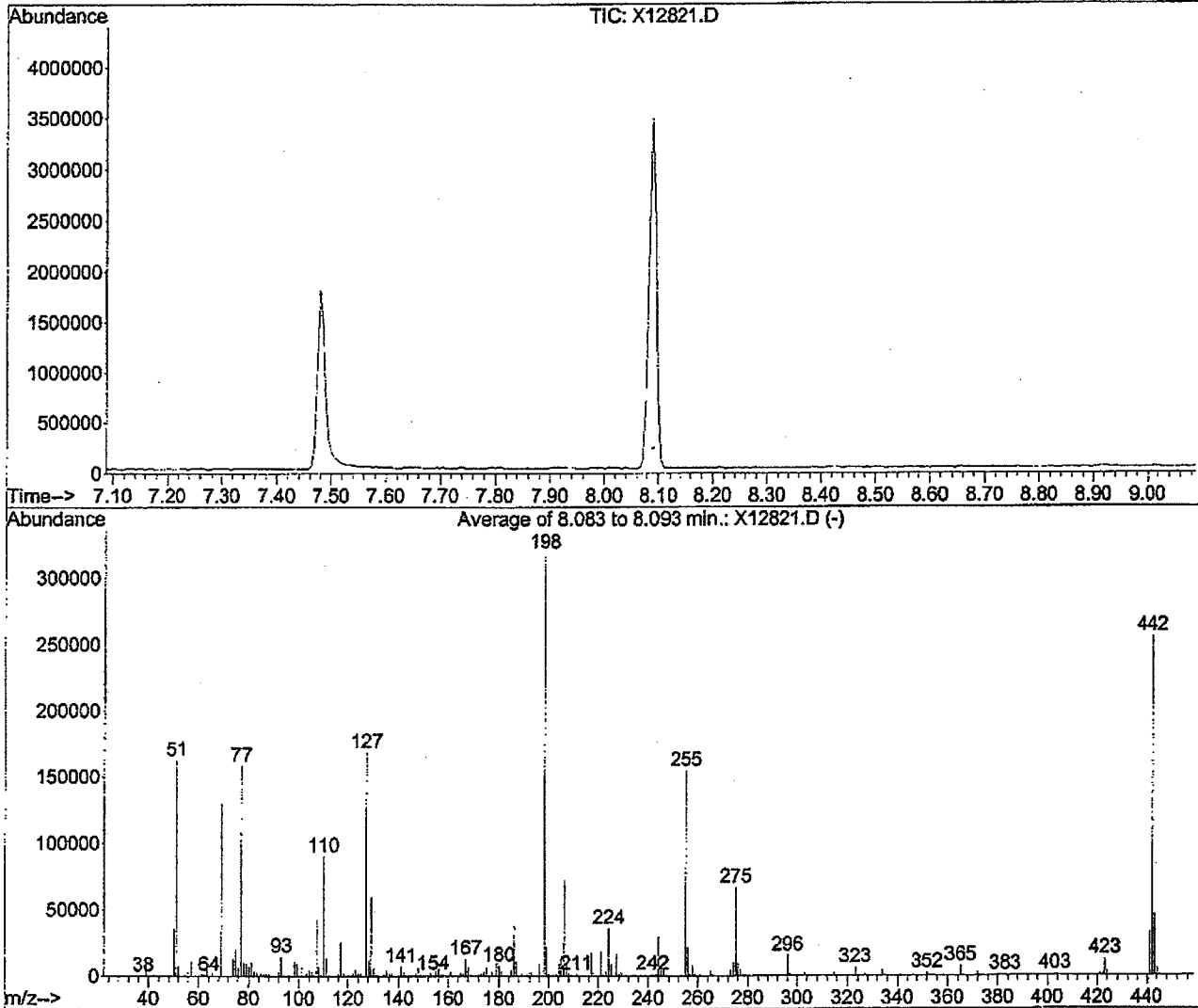
Raw QC Data

DFTPP Tune Evaluation

Data File : D:\DATA\103006\X12821.D
 Acq On : 30 Oct 2006 9:32 am
 Sample : DFTPP 50NG
 Misc : SC26-9D
 MS Integration Params: rteint.p

375/426 3347
 Vial: 1 1289
 Operator: PM 6617
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC



Peak Apex is scan: 697 (8.09 min)

Average of 3 scans: 696,697,698 minus background scan 677 (7.98 min)

Target Mass	Rel. to Mass	Lower Limit, %	Upper Limit, %	Rel. Abn, %	Raw Abn	Result
Mass	Mass	Limit, %	Limit, %	Abn, %	Abn	Pass/Fail
51	198	30	60	50.8	162589	PASS
68	69	0	2	0.9	1106	PASS
69	198	0	100	40.6	129946	PASS
70	69	0	2	0.4	514	PASS
127	198	40	60	52.7	168554	PASS
197	198	0	1	0.2	703	PASS
198	198	100	100	100.0	319765	PASS
199	198	5	9	7.1	22610	PASS
275	198	10	30	20.9	66821	PASS
365	198	1	100	2.3	7509	PASS
441	198	0	100	10.2	32512	PASS
442	198	40	110	79.9	255336	PASS
443	442	17	23	18.0	45848	PASS

Average of 8.083 to 8.093 min.: X12821.D

376/426

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	12151	75.05	20396	87.05	1666	108.00	6920
50.10	35616	76.00	6552	91.05	1757	110.00	90360
51.05	162589	77.10	158416	92.00	2929	111.05	14028
52.10	8307	78.10	10489	93.05	14692	112.05	2160
56.00	4954	79.05	9830	98.05	11261	117.05	25466
57.10	11223	80.05	7065	99.05	9600	118.10	2109
61.00	1822	81.05	10746	101.05	6520	122.10	3311
63.05	5655	82.00	3494	103.05	1922	123.05	4851
65.10	2698	83.05	2921	104.00	4130	124.05	2127
69.00	129946	85.00	2181	105.05	3862	124.95	2212
74.10	13325	86.00	2097	107.10	43120	127.10	168554

Average of 8.083 to 8.093 min.: X12821.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
128.05	11655	153.05	2628	174.05	3302	192.05	2820
129.05	59565	154.05	1732	175.10	6535	193.00	3397
130.05	5920	155.00	3846	175.95	1690	196.10	9382
135.05	4129	156.10	5903	177.05	3243	198.00	319765
136.05	2298	160.00	2255	179.00	11041	199.00	22610
137.05	2097	161.05	3239	180.00	8137	200.00	1615
141.05	7424	165.00	2601	181.05	3861	203.05	2040
142.05	2577	166.05	2134	185.00	4367	204.05	9638
143.05	2004	167.00	13138	186.10	41114	205.05	15186
147.05	3337	168.05	6832	187.10	11336	206.10	72642
148.05	6281	173.05	1697	188.95	2463	207.10	8779

Average of 8.083 to 8.093 min.: X12821.D

DFTPP 50NG

Modified:subtracted

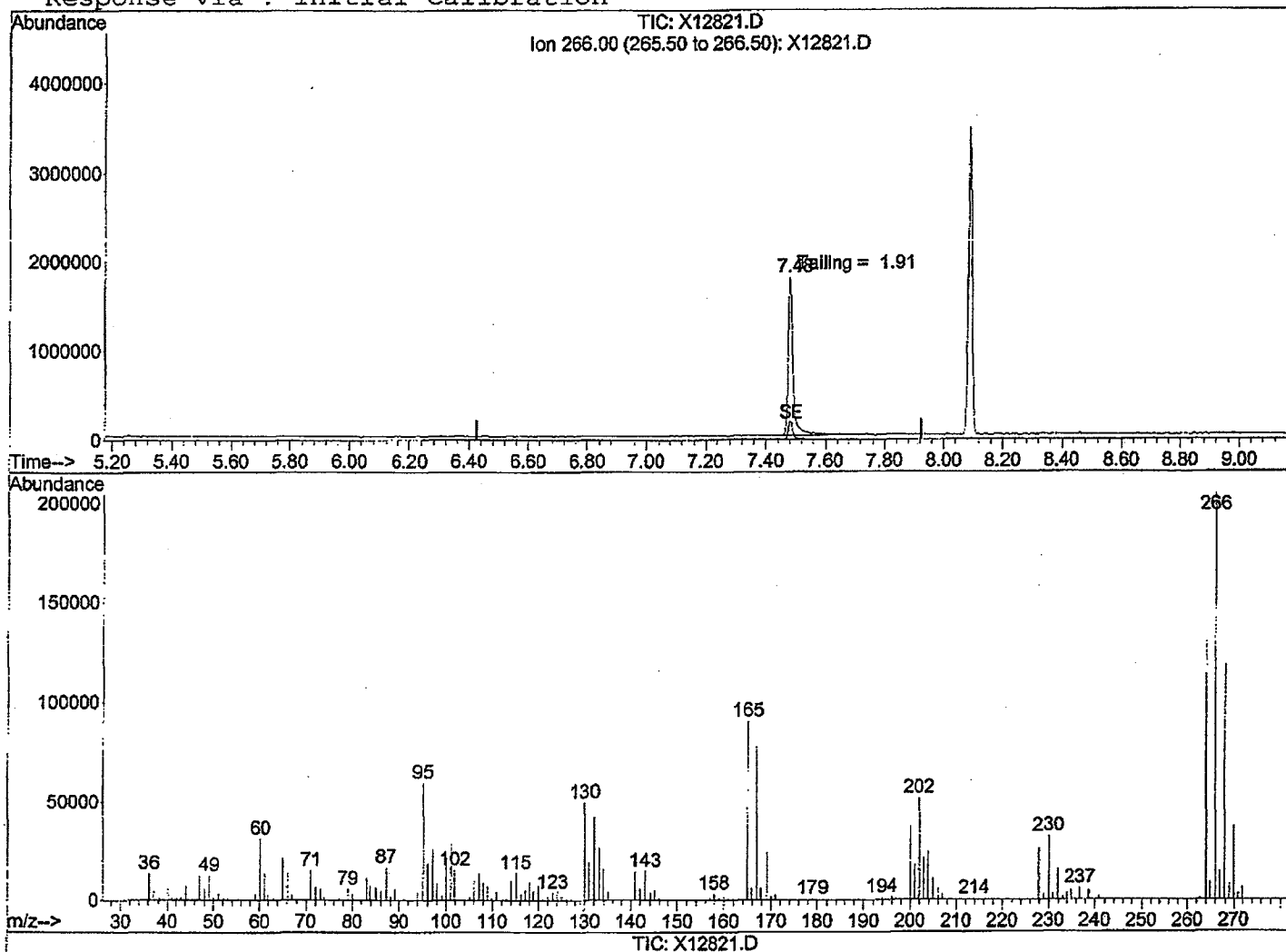
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.05	2208	244.10	29877	276.05	9096	423.00	12656
211.05	1678	245.10	4253	277.00	4874	424.05	3315
217.00	18030	246.00	5762	296.05	15533	441.00	32512
218.05	2638	255.00	154578	296.95	2233	442.00	255336
221.05	18145	256.05	21557	303.00	2618	443.00	45848
223.05	3954	257.00	1685	315.00	2339	444.05	5514
224.05	36085	258.00	8219	323.05	6375		
225.10	8970	265.05	3629	334.00	4195		
227.00	16358	273.00	4332	351.95	2408		
228.05	2124	274.00	9699	365.00	7509		
229.05	3234	275.05	66821	372.00	2869		

Data File : D:\DATA\103006\X12821.D
Acq On : 30 Oct 2006 9:32 am
Sample : DFTPP 50NG
Misc : SC26-9D
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Dec 21 11:55:18 2005
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 7.48min

response 2034410

Signal	Exp%	Act%
--------	------	------

TIC	100	100
-----	-----	-----

266.00	1031.20	1121.09
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0.00	0.00	0.00
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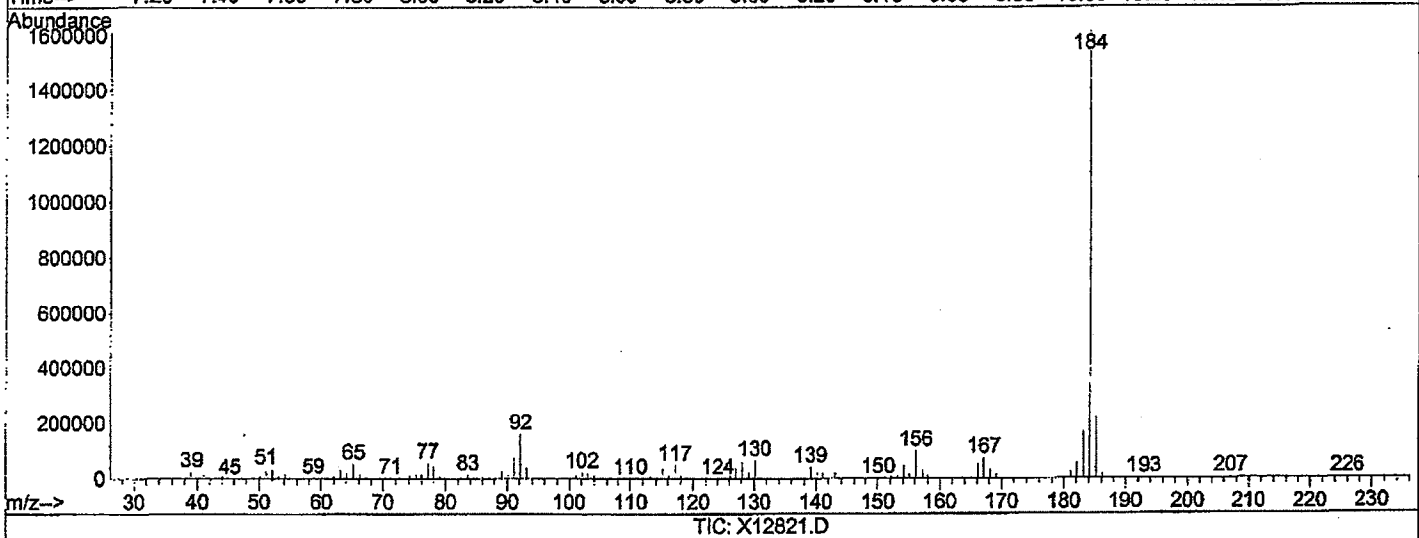
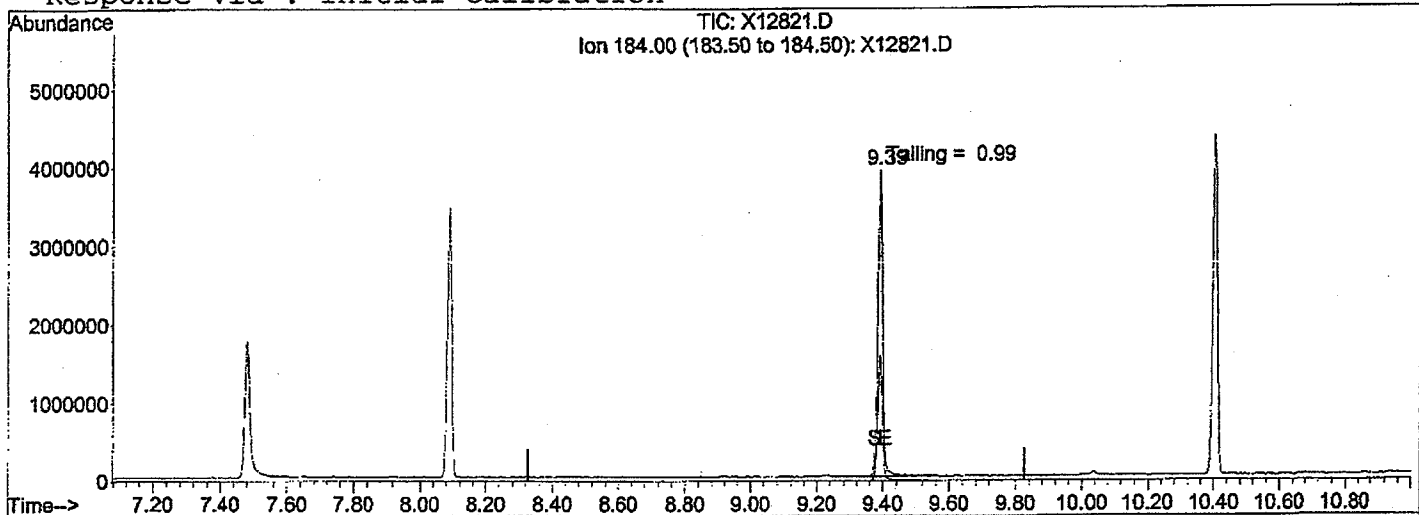
0.00	0.00	0.00
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Data File : D:\DATA\103006\X12821.D
Acq On : 30 Oct 2006 9:32 am
Sample : DFTPP 5ONG
Misc : SC26-9D
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Dec 21 11:55:18 2005
Response via : Initial Calibration



(2) Benzidine

Exp R.T. 9.39min

response 4014330

Signal	Exp%	Act%
--------	------	------

TIC	100	100
-----	-----	-----

184.00	4004.30	4052.13
--------	---------	---------

0.00	0.00	0.00
------	------	------

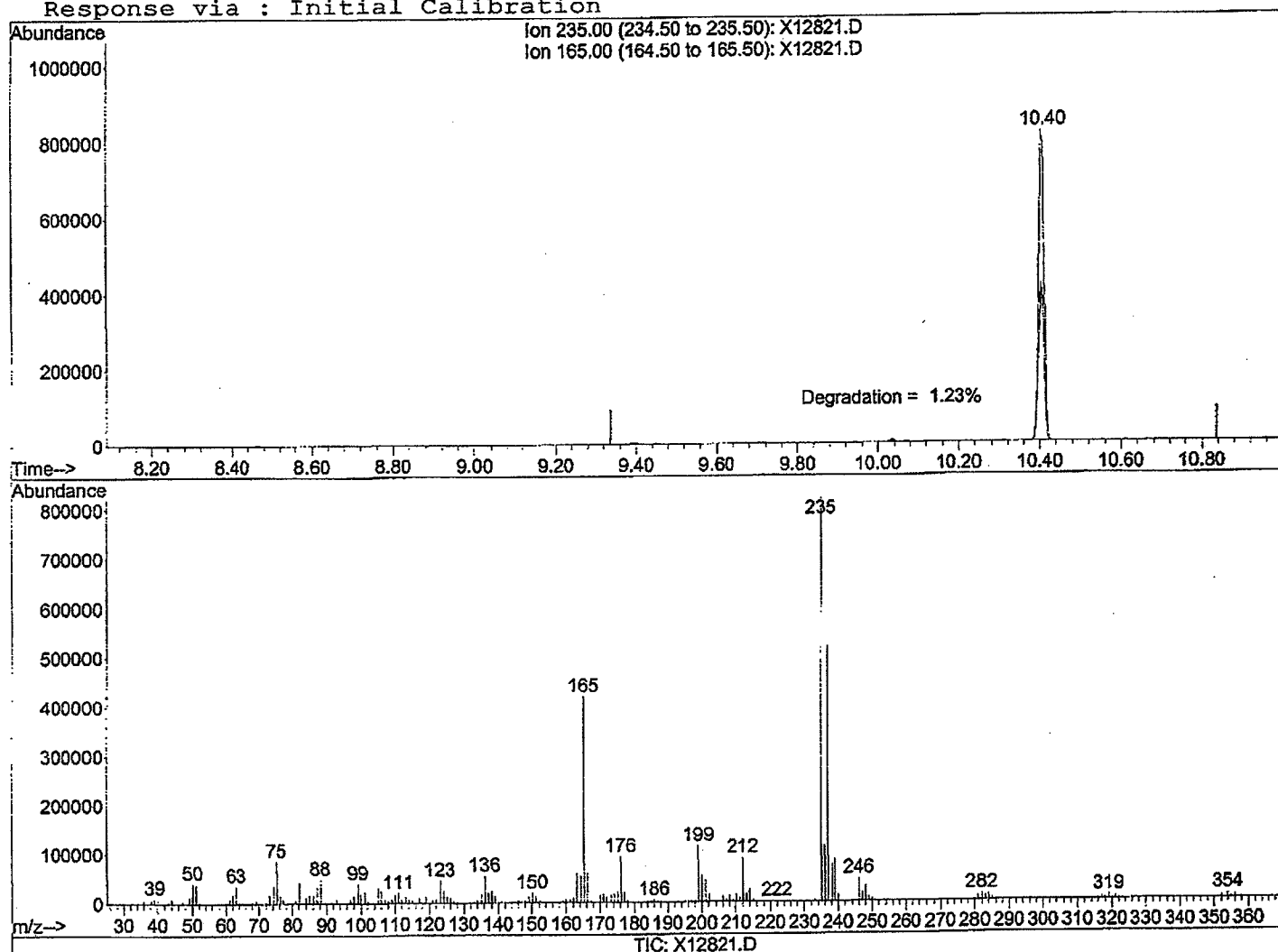
0.00	0.00	0.00
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Data File : D:\DATA\103006\X12821.D
Acq On : 30 Oct 2006 9:32 am
Sample : DFTPP 50NG
Misc : SC26-9D
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Dec 21 11:55:18 2005
Response via : Initial Calibration



(3) 4-DDT

Exp R.T. 10.40min

response 812423

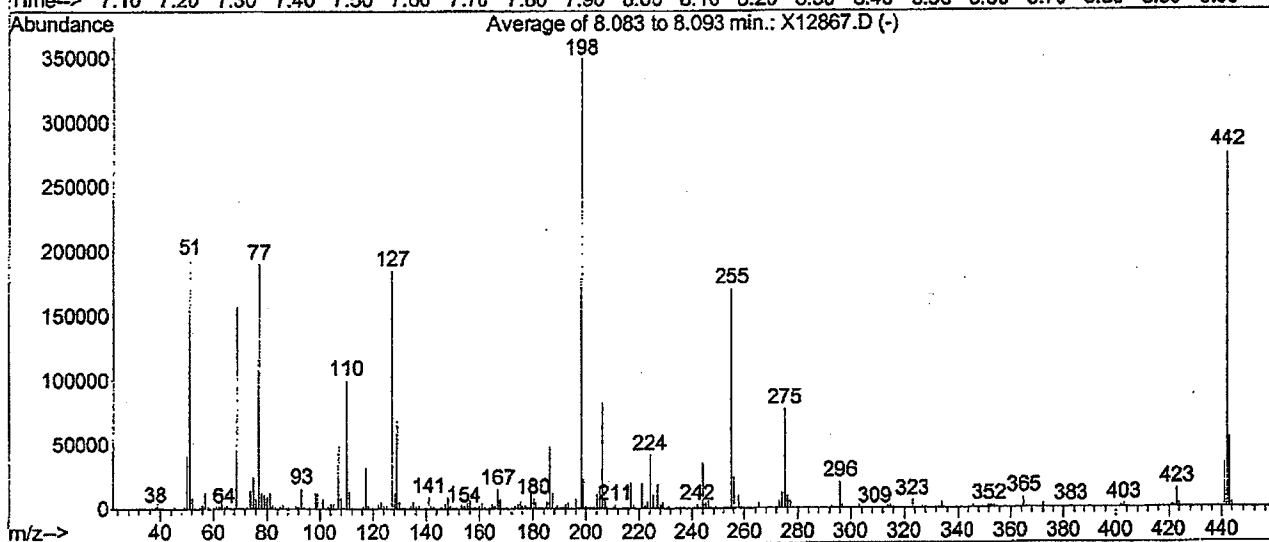
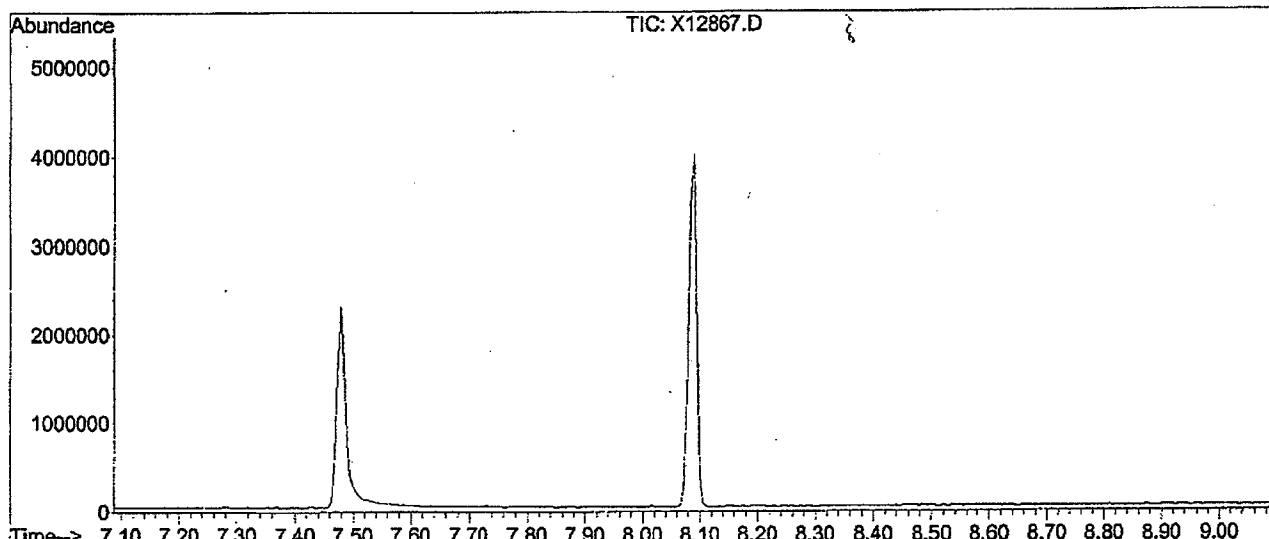
Ion	Exp%	Act%
235.00	100	100
165.00	52.30	51.18
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\103106\X12867.D
 Acq On : 31 Oct 2006 7:43 am
 Sample : DFTPP 50NG
 Misc : SC26-9D
 MS Integration Params: rteint.p

380/426 3218
 Vial: 1 C6638
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC



Peak Apex is scan: 697 (8.09 min)

Average of 3 scans: 696,697,698 minus background scan 677 (7.98 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result
51	198	30	60	55.6	194415	PASS
68	69	0	2	0.9	1403	PASS
69	198	0	100	44.9	157048	PASS
70	69	0	2	0.4	581	PASS
127	198	40	60	53.0	185338	PASS
197	198	0	1	0.3	1200	PASS
198	198	100	100	100.0	349802	PASS
199	198	5	9	6.9	23979	PASS
275	198	10	30	22.1	77384	PASS
365	198	1	100	2.3	8052	PASS
441	198	0	100	9.8	34136	PASS
442	198	40	110	78.9	276074	PASS
443	442	17	23	19.6	54232	PASS

Average of 8.083 to 8.093 min.: X12867.D

381/426

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
38.10	1934	65.10	2902	83.05	3548	107.05	49869
39.05	12929	69.00	157048	86.00	3316	108.10	8681
50.05	40768	74.10	14352	91.05	3075	110.05	100576
51.10	194415	75.05	24631	92.05	1948	111.05	13848
52.10	9281	76.05	8209	93.10	16379	116.05	2257
55.90	1999	77.10	190424	98.00	12724	117.10	32053
56.05	3083	78.10	12426	99.00	12360	118.10	2733
57.00	12881	79.10	11089	101.00	7504	122.00	3086
61.05	2260	80.00	9244	103.05	2262	123.05	5073
62.05	2251	81.05	12197	104.05	3920	124.00	2188
63.10	6717	82.05	3519	105.10	4399	125.00	2479

Average of 8.083 to 8.093 min.: X12867.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.10	185338	147.00	4045	167.05	15147	186.10	48221
128.10	12509	148.00	8802	168.10	7446	187.10	12372
129.05	68760	148.95	2264	173.00	1940	189.00	2576
130.05	5608	153.05	3226	174.05	3758	192.00	3163
134.05	2134	154.00	1950	175.10	5777	193.05	5121
135.00	5548	155.05	4674	176.05	2126	196.10	7768
136.05	2297	156.10	7012	177.05	2712	198.00	349802
137.05	2713	160.00	2753	179.05	12363	199.00	23979
141.00	8957	161.00	4462	180.05	8146	200.05	1779
142.05	2288	165.10	3389	181.00	4564	204.05	11313
145.90	1803	166.05	2017	185.00	5588	205.00	17472

Average of 8.083 to 8.093 min.: X12867.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
206.10	82413	227.00	18809	258.00	10240	314.95	2799
207.05	10892	228.00	2823	259.00	1801	323.10	6094
208.00	2409	229.00	4416	265.00	4074	334.00	4523
211.05	3155	231.05	1858	273.00	5590	352.00	2186
217.00	20041	242.05	2995	274.05	12609	353.00	2146
218.00	3057	244.10	35650	275.00	77384	354.00	1899
221.05	19709	245.10	4488	276.00	10261	364.95	8052
222.10	2137	246.00	5860	277.00	6027	372.05	3559
223.00	5414	255.00	170856	296.00	20504	403.00	2681
224.05	42069	256.00	24216	296.95	2551	421.05	2231
225.05	10581	257.05	2116	303.05	2692	423.05	14610

Average of 8.083 to 8.093 min.: X12867.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
424.05	3475						
441.00	34136						
442.00	276074						
443.00	54232						
444.05	3643						

Data File : D:\DATA\103106\X12867.D
Acq On : 31 Oct 2006 7:43 am
Sample : DFTPP 50NG
Misc : SC26-9D

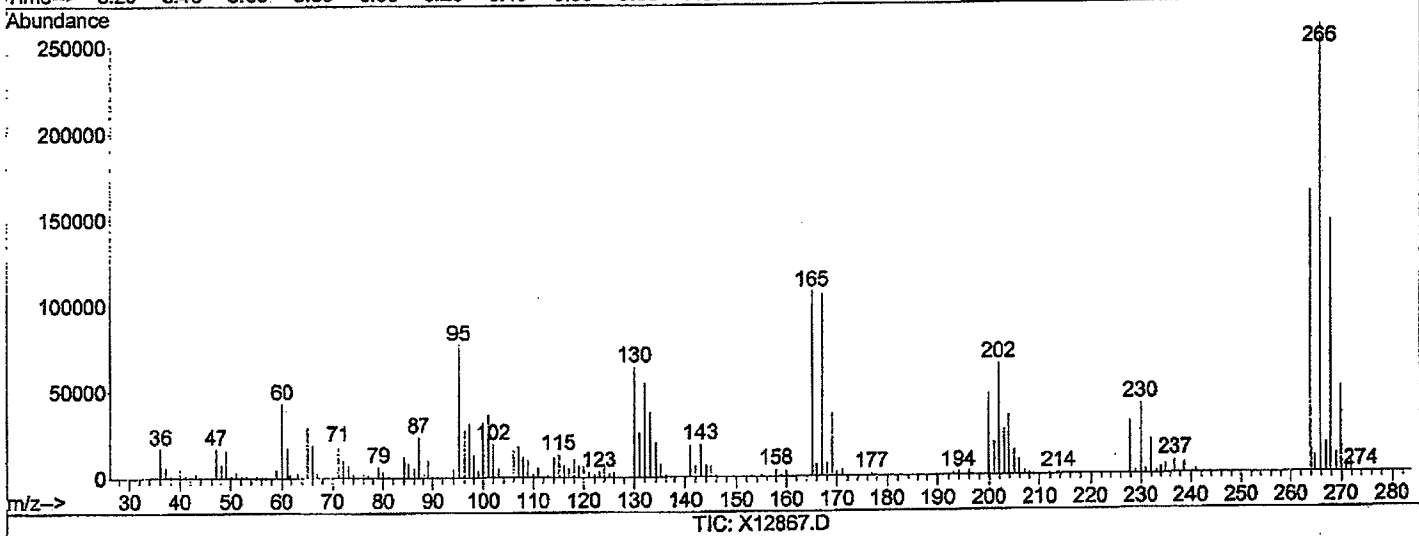
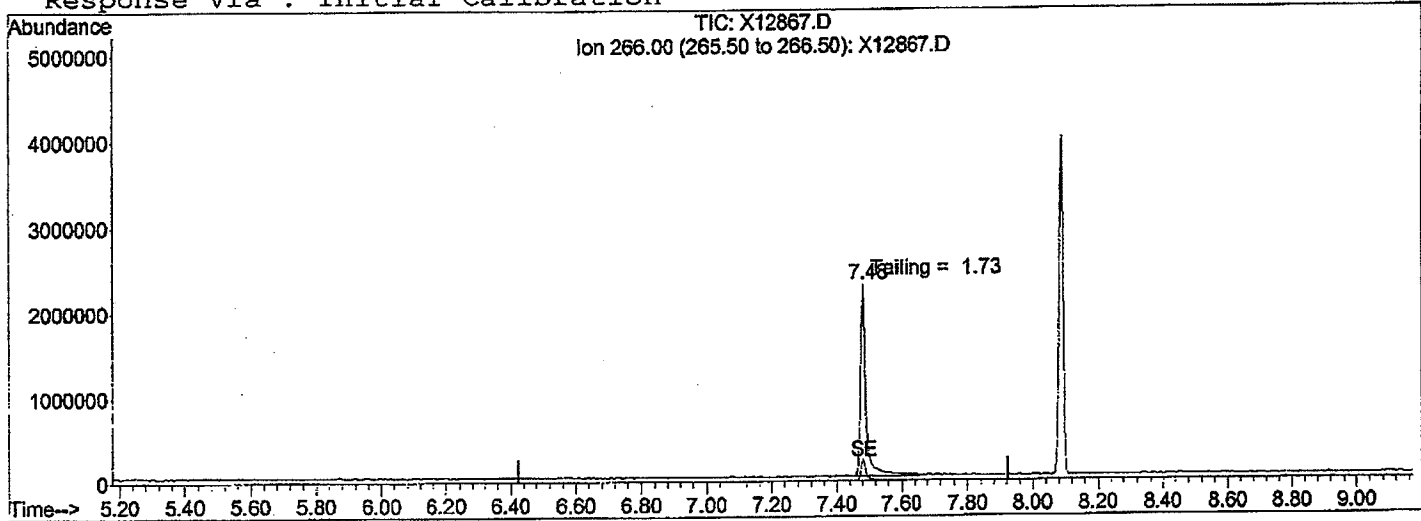
Vial: 1
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: NA

Quant Time: No Quant Results

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Dec 21 11:55:18 2005
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 7.48min

response 2831729

Signal	Exp%	Act%
--------	------	------

TIC	100	100
-----	-----	-----

266.00	1031.20	1120.35
--------	---------	---------

0.00	0.00	0.00
------	------	------

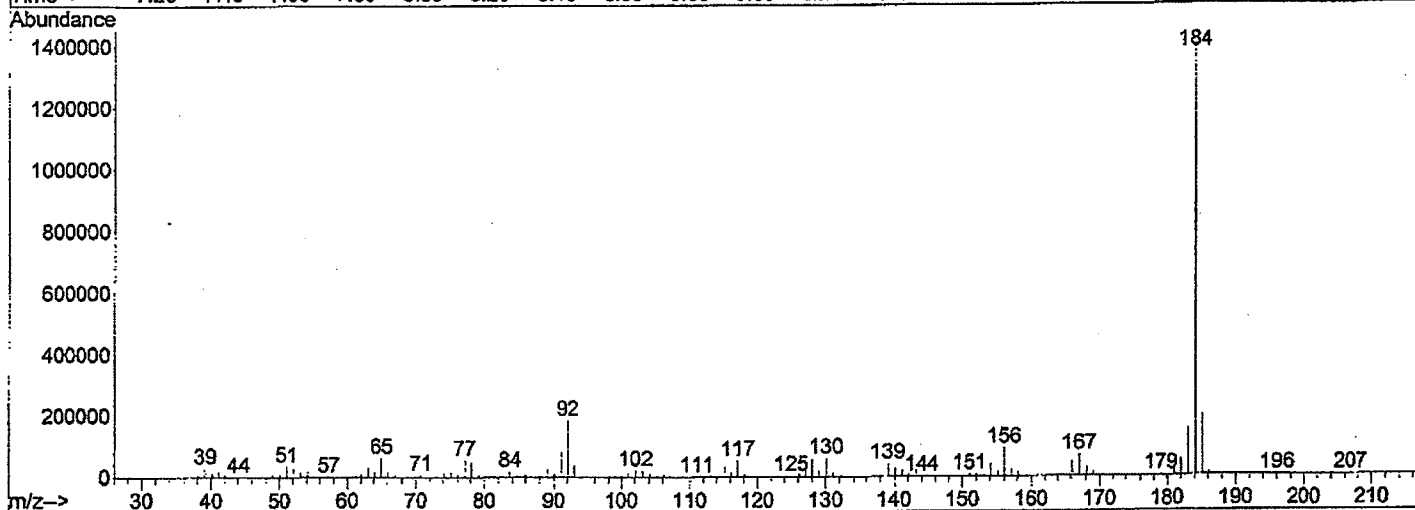
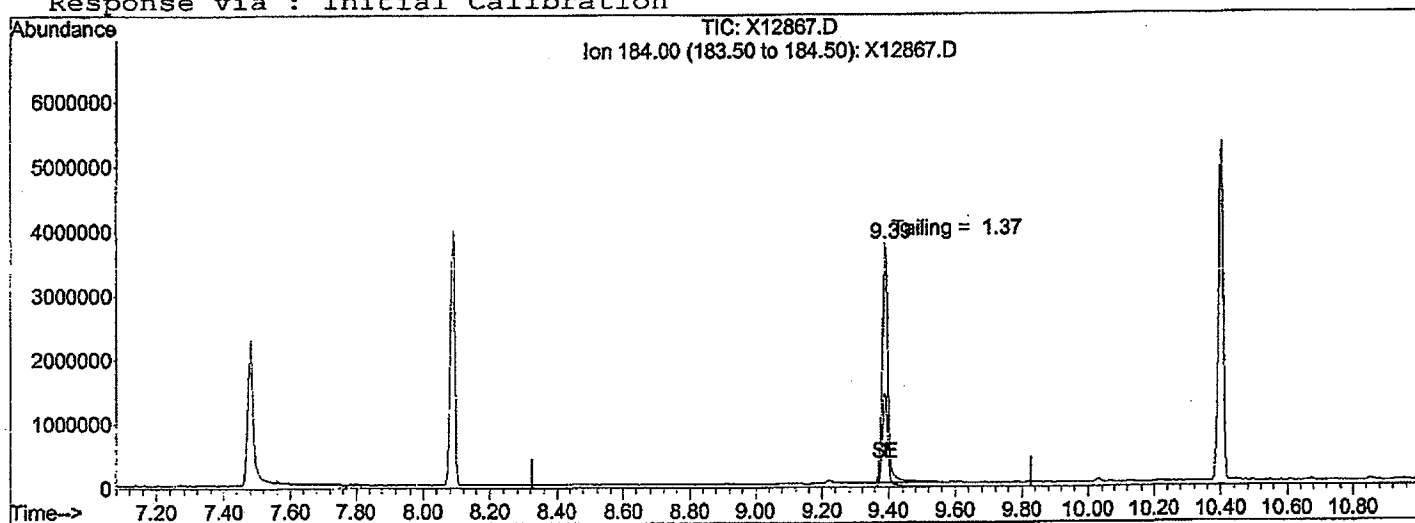
0.00	0.00	0.00
------	------	------

Data File : D:\DATA\103106\X12867.D
Acq On : 31 Oct 2006 7:43 am
Sample : DFTPP 50NG
Misc : SC26-9D
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Dec 21 11:55:18 2005
Response via : Initial Calibration



TIC: X12867.D

(2) Benzidine

Exp R.T. 9.39min

response 4178040

Signal	Exp%	Act%
--------	------	------

TIC	100	100
-----	-----	-----

184.00	4004.30	3824.23
--------	---------	---------

0.00	0.00	0.00
------	------	------

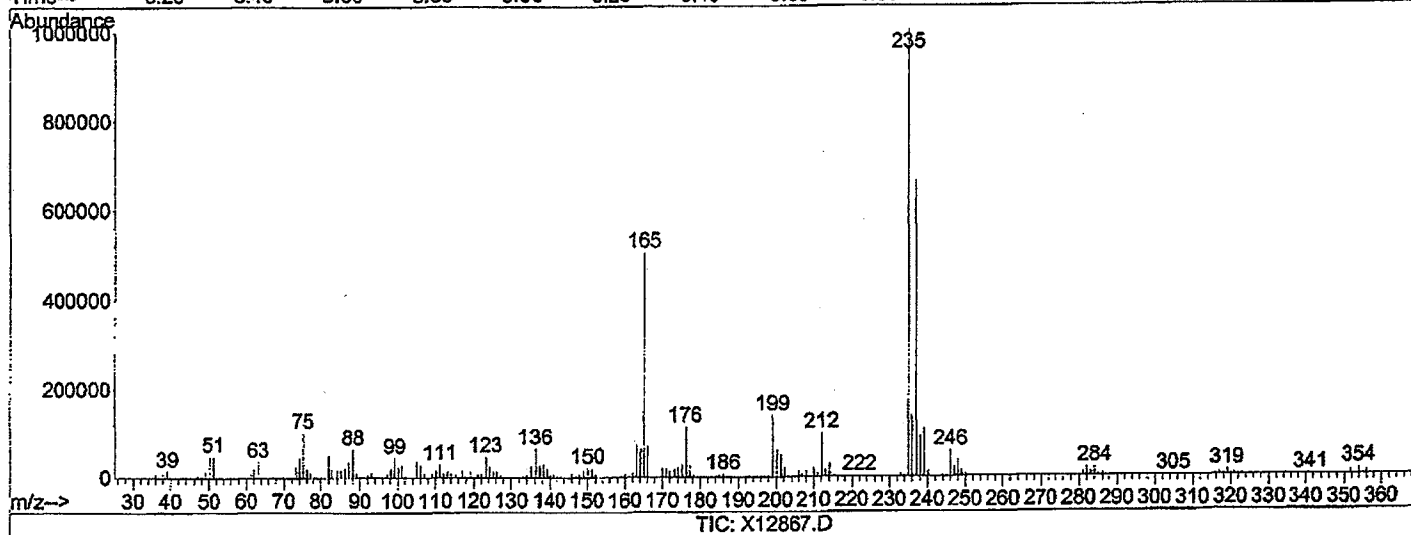
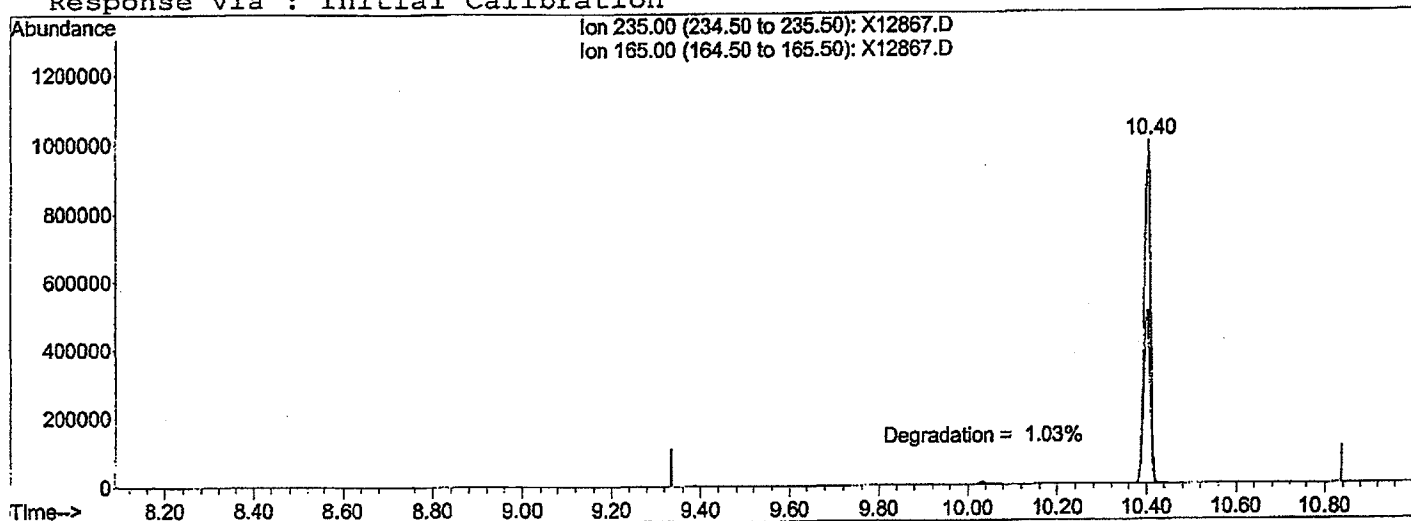
0.00	0.00	0.00
------	------	------

Data File : D:\DATA\103106\X12867.D
Acq On : 31 Oct 2006 7:43 am
Sample : DFTPP 50NG
Misc : SC26-9D
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 1
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Dec 21 11:55:18 2005
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 10.40min

response 943889

Ion	Exp%	Act%
235.00	100	100
165.00	52.30	50.42
0.00	0.00	0.00
0.00	0.00	0.00

Data File : D:\DATA\103106\X12897.D

Acq On : 31 Oct 2006 7:55 pm

Sample : DFTPP 50NG

Misc : SC26-9D

MS Integration Params: NA

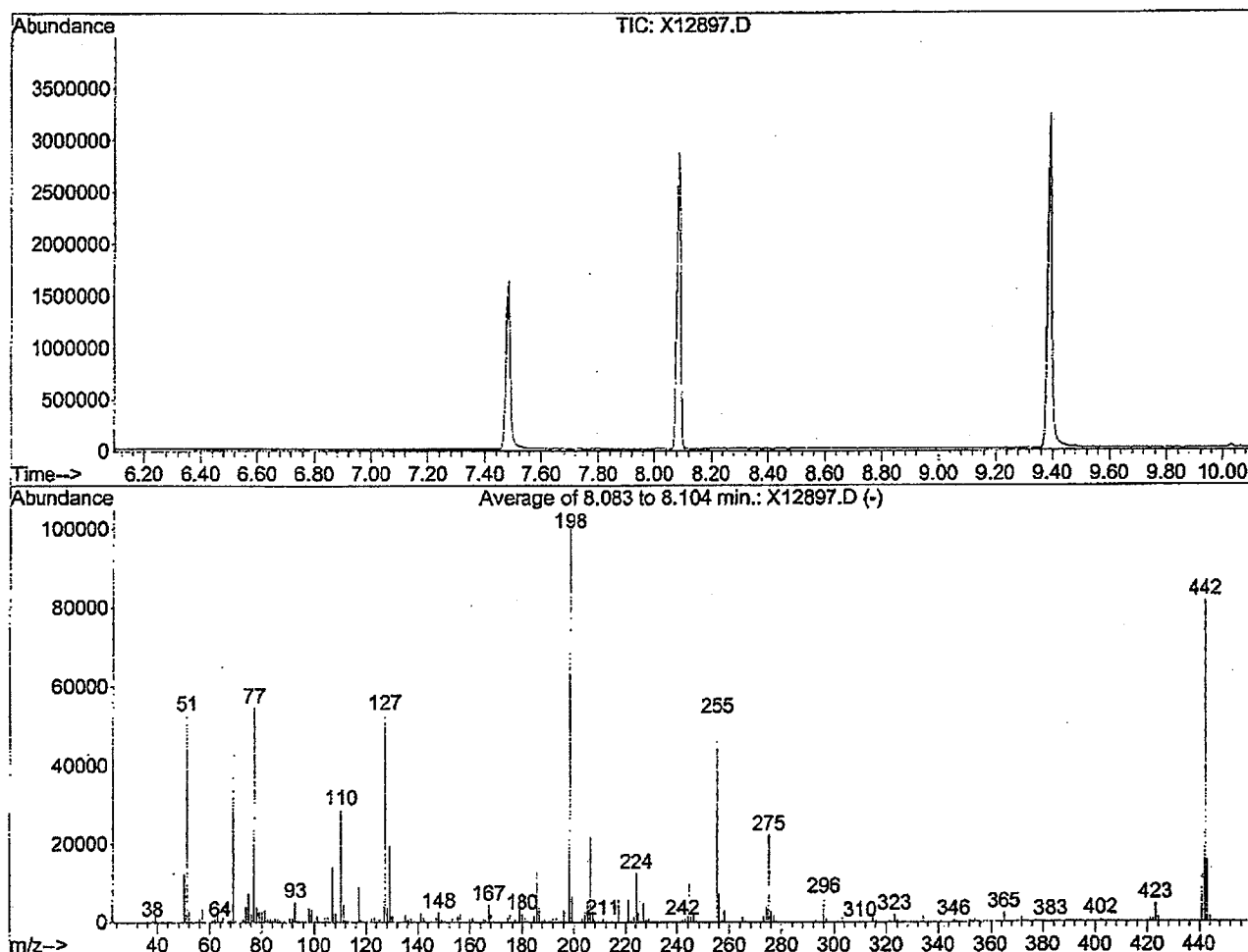
Vial: 31
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Tue Oct 31 15:41:41 2006

Response via : Initial Calibration



Spectrum Information: Average of 8.083 to 8.104 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	52.7	52680	PASS
68	69	0.00	2	1.2	538	PASS
69	198	0.00	100	43.5	43471	PASS
70	69	0.00	2	0.2	86	PASS
127	198	40	60	53.0	52992	PASS
197	198	0.00	1	0.3	316	PASS
198	198	100	100	100.0	100000	PASS
199	198	5	9	6.4	6443	PASS
275	198	10	30	22.2	22222	PASS
365	198	1	100	2.3	2306	PASS
441	198	0.10	100	11.8	11811	PASS
442	198	39	110	81.7	81665	PASS
443	442	17	23	19.5	15922	PASS

Average of 8.083 to 8.104 min.: X12897.D

386/426

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.05	268	53.10	78	65.10	1219	78.10	3804
37.00	85	54.95	381	67.10	101	79.05	2610
38.00	290	56.05	1207	68.00	538	80.00	2617
39.10	3294	57.10	3384	69.00	43471	81.05	3055
42.00	85	58.00	132	69.20	79	82.00	870
44.20	131	61.00	581	70.00	86	83.00	801
44.90	73	61.20	80	73.10	622	83.95	607
49.00	183	61.80	73	74.05	4046	85.05	937
50.10	12160	62.10	675	75.10	7176	85.95	866
51.10	52680	63.10	2024	76.05	2053	87.05	435
52.10	2731	64.00	353	77.10	54683	87.30	71

Average of 8.083 to 8.104 min.: X12897.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
88.00	84	100.05	220	110.10	28871	123.05	1275
89.00	72	101.10	1775	111.10	4528	124.15	598
91.05	981	102.00	90	112.05	535	125.00	759
92.05	1019	103.05	665	112.95	200	125.80	74
93.10	5112	104.00	1253	116.10	370	127.10	52992
94.00	437	104.80	134	117.10	8817	128.10	3800
95.00	155	105.05	1274	117.70	95	129.10	19605
96.00	244	105.90	305	118.00	626	130.10	1763
96.95	176	107.10	14097	119.00	97	132.00	227
98.00	3502	108.10	2330	120.05	153	134.10	407
99.10	3319	109.05	463	122.05	978	135.05	1775

Average of 8.083 to 8.104 min.: X12897.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
136.05	715	147.05	1212	156.10	2335	167.10	4411
137.10	870	148.05	2551	156.95	302	168.10	2157
137.70	131	149.00	621	157.85	405	169.10	381
139.00	84	150.00	113	159.05	312	171.00	101
140.00	145	151.00	139	159.95	643	171.90	136
141.00	2325	151.15	250	160.95	1107	173.00	414
142.10	1024	151.70	97	162.10	376	174.05	1092
143.05	526	151.90	92	163.10	71	175.05	1980
144.10	103	153.00	869	163.95	185	176.10	650
145.00	90	154.05	464	165.05	948	177.05	715
145.95	259	155.05	1373	166.00	696	177.70	92

Average of 8.083 to 8.104 min.: X12897.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
177.90	231	188.00	467	196.70	316	207.10	3335
179.00	3617	189.05	836	198.00	100000	208.00	820
180.10	2176	190.80	87	199.00	6443	209.00	269
181.10	1230	191.10	406	200.00	492	209.70	133
182.20	97	191.95	1045	201.25	331	210.10	183
183.20	106	192.20	138	201.50	109	211.00	818
183.70	90	193.05	1379	202.00	119	211.70	77
184.10	201	194.30	167	203.00	789	215.05	265
185.05	1539	195.00	136	204.00	2502	216.00	423
186.05	12683	195.20	97	205.05	4515	217.00	5911
187.05	3828	196.05	3190	206.10	22024	218.05	542

Average of 8.083 to 8.104 min.: X12897.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
219.70	90	229.10	871	240.90	156	253.70	98
221.00	5743	229.80	74	241.20	81	255.00	52125
221.20	251	230.20	83	241.95	737	256.00	7118
221.65	380	230.95	413	243.05	772	257.00	533
222.10	572	234.00	256	244.05	10185	258.05	3044
223.00	1342	234.90	139	245.05	1448	259.05	633
224.10	12597	235.05	241	246.00	2320	261.10	83
225.05	2667	236.15	185	247.05	506	265.00	1383

225.95	489	237.00	360	249.05	321	260.00	387/426
227.00	4897	239.05	207	252.70	143	271.15	
227.95	692	239.90	175	253.10	158	272.00	

Average of 8.083 to 8.104 min.: X12897.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
273.00	1511	296.00	6194	315.90	143	334.05	1543
274.00	3992	297.00	872	316.20	153	334.70	87
275.00	22222	297.20	72	321.05	296	335.00	93
276.05	2565	302.10	92	322.00	87	339.70	71
277.00	1754	303.05	1065	323.05	1852	341.10	127
278.05	383	304.00	169	324.00	628	341.90	114
283.00	303	310.00	94	326.90	113	345.95	489
283.80	94	311.80	79	327.90	120	347.00	78
285.00	270	313.80	88	328.10	85	352.10	470
292.00	77	314.10	153	331.90	76	353.00	445
293.00	318	314.95	904	333.20	93	353.80	99

Average of 8.083 to 8.104 min.: X12897.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
354.15	633	402.05	633	445.00	137		
355.05	213	402.95	538				
365.00	2306	420.95	668				
365.90	255	422.00	675				
366.10	73	423.00	4618				
369.90	77	424.05	1278				
370.80	78	437.00	164				
372.05	1206	441.00	11811				
373.00	192	442.00	81665				
382.90	325	443.00	15922				
391.00	73	444.05	1592				

Data File : D:\DATA\103106\X12897.D
Acq On : 31 Oct 2006 7:55 pm
Sample : DFTPP 50NG
Misc : SC26-9D

Vial: 31
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: NA

Quant Time: No Quant Results

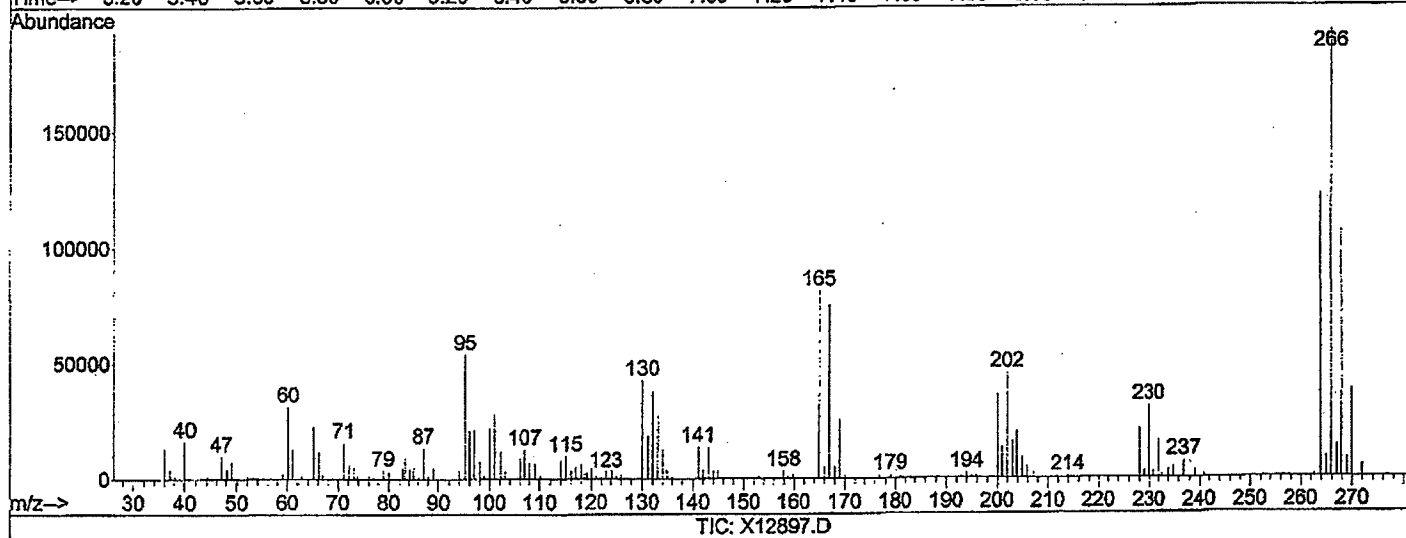
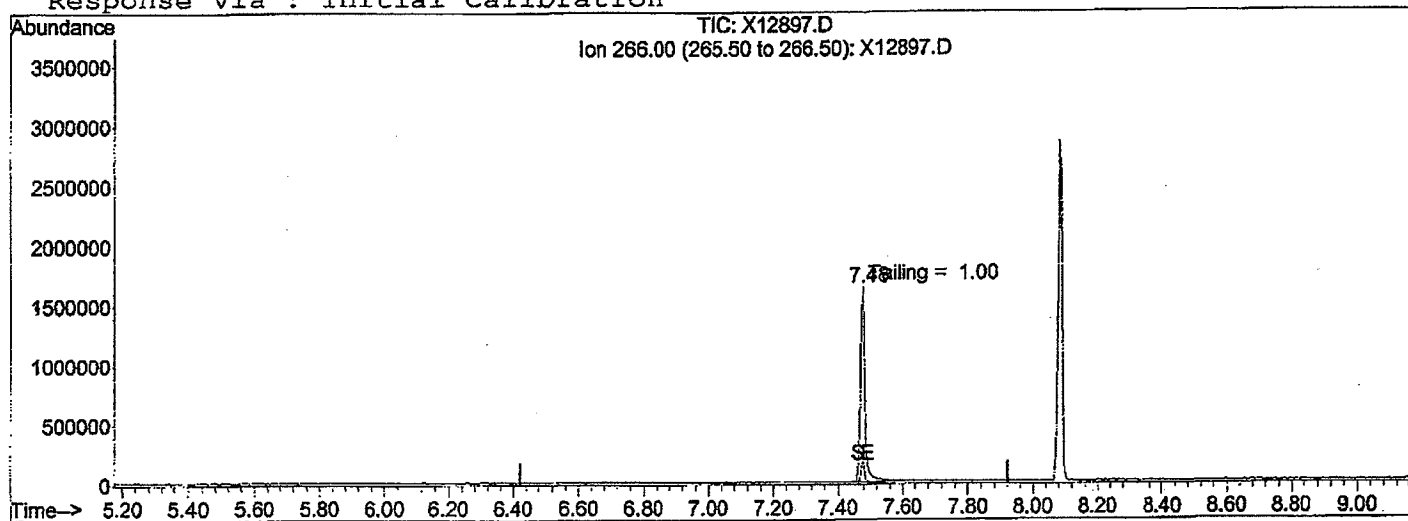
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)

Title : Tune Analysis

Last Update : Wed Dec 21 11:55:18 2005

Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 7.48min

response 1722465

Signal	Exp%	Act%
--------	------	------

TIC	100	100
-----	-----	-----

266.00	1031.20	1171.31
--------	---------	---------

0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
------	------	------

Data File : D:\DATA\103106\X12897.D

Acq On : 31 Oct 2006 7:55 pm

Sample : DFTPP 50NG

Misc : SC26-9D

MS Integration Params: NA

Quant Time: No Quant Results

Vial: 31

Operator: PM

Inst : HP5973X

Multiplr: 1.00

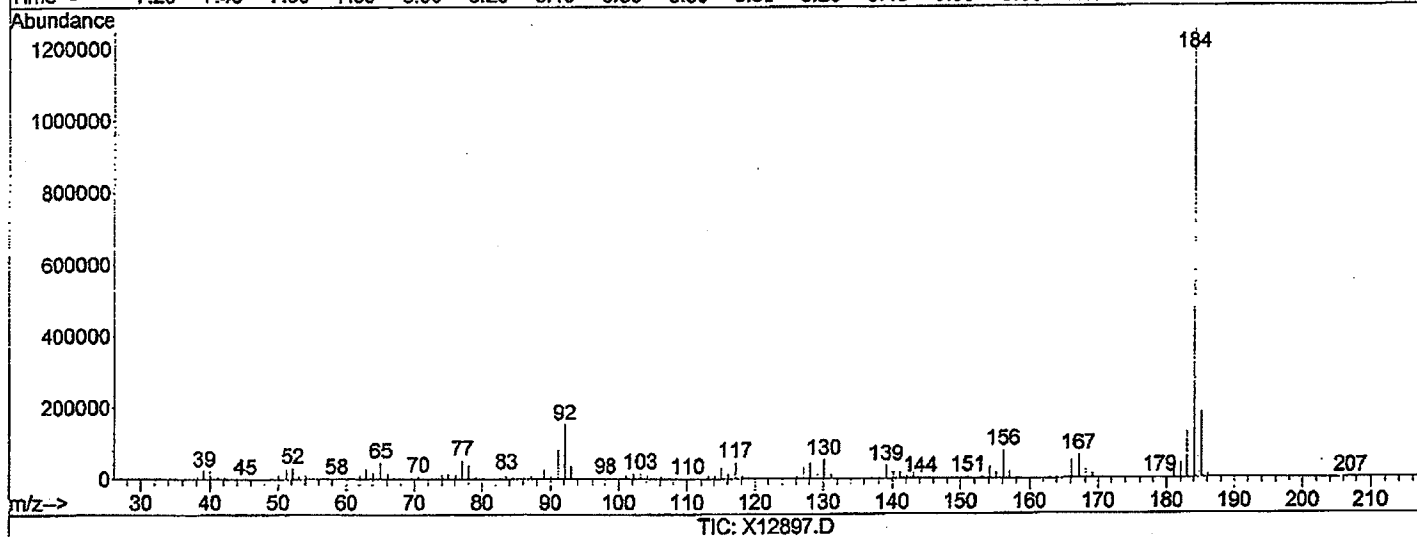
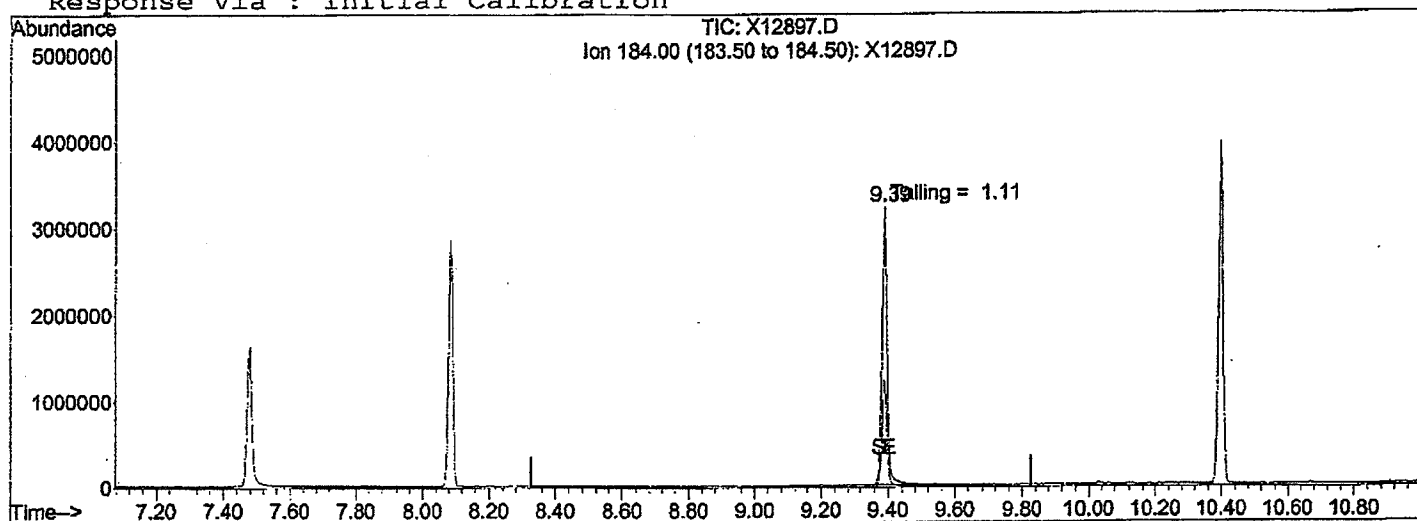
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)

Title : Tune Analysis

Last Update : Wed Dec 21 11:55:18 2005

Response via : Initial Calibration



(2) Benzidine

Exp R.T. 9.39min

response 3322859

Signal	Exp%	Act%
--------	------	------

TIC	100	100
-----	-----	-----

184.00	4004.30	3844.10
--------	---------	---------

0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
------	------	------

Data File : D:\DATA\103106\X12897.D
Acq On : 31 Oct 2006 7:55 pm
Sample : DFTPP 50NG
Misc : SC26-9D

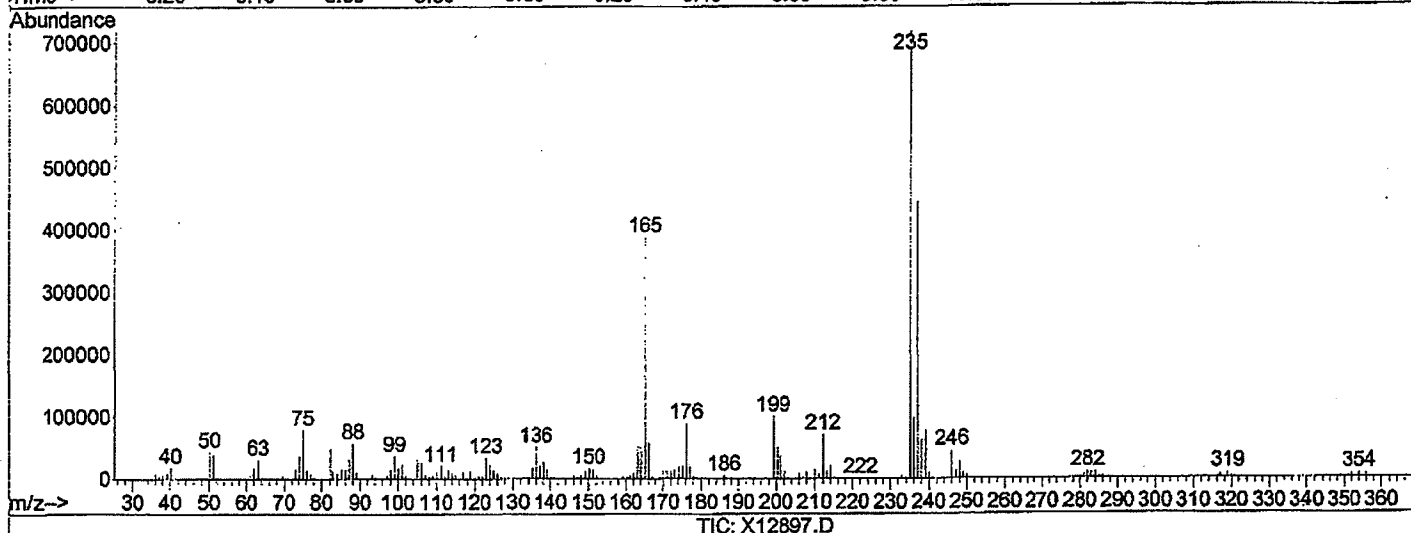
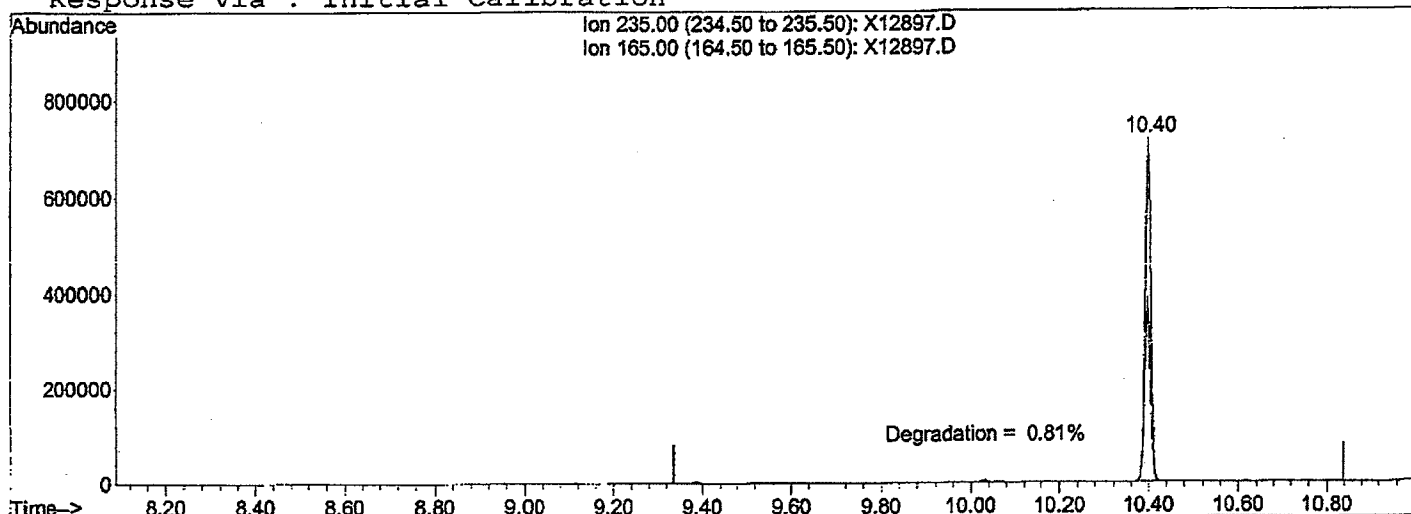
Vial: 31
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: NA

Quant Time: No Quant Results

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Dec 21 11:55:18 2005
Response via : Initial Calibration



(3) 4-4DDT

Exp R.T. 10.40min

response 663487

Ion	Exp%	Act%
235.00	100	100
165.00	52.30	54.04
0.00	0.00	0.00
0.00	0.00	0.00

DFTPP Tune Evaluation

Data File : D:\DATA\110106\X12929.D

Acq On : 1 Nov 2006 9:15 am

Sample : DFTPP 50NG

Misc :

MS Integration Params: rteint.p

391/4263402

Vial: 64

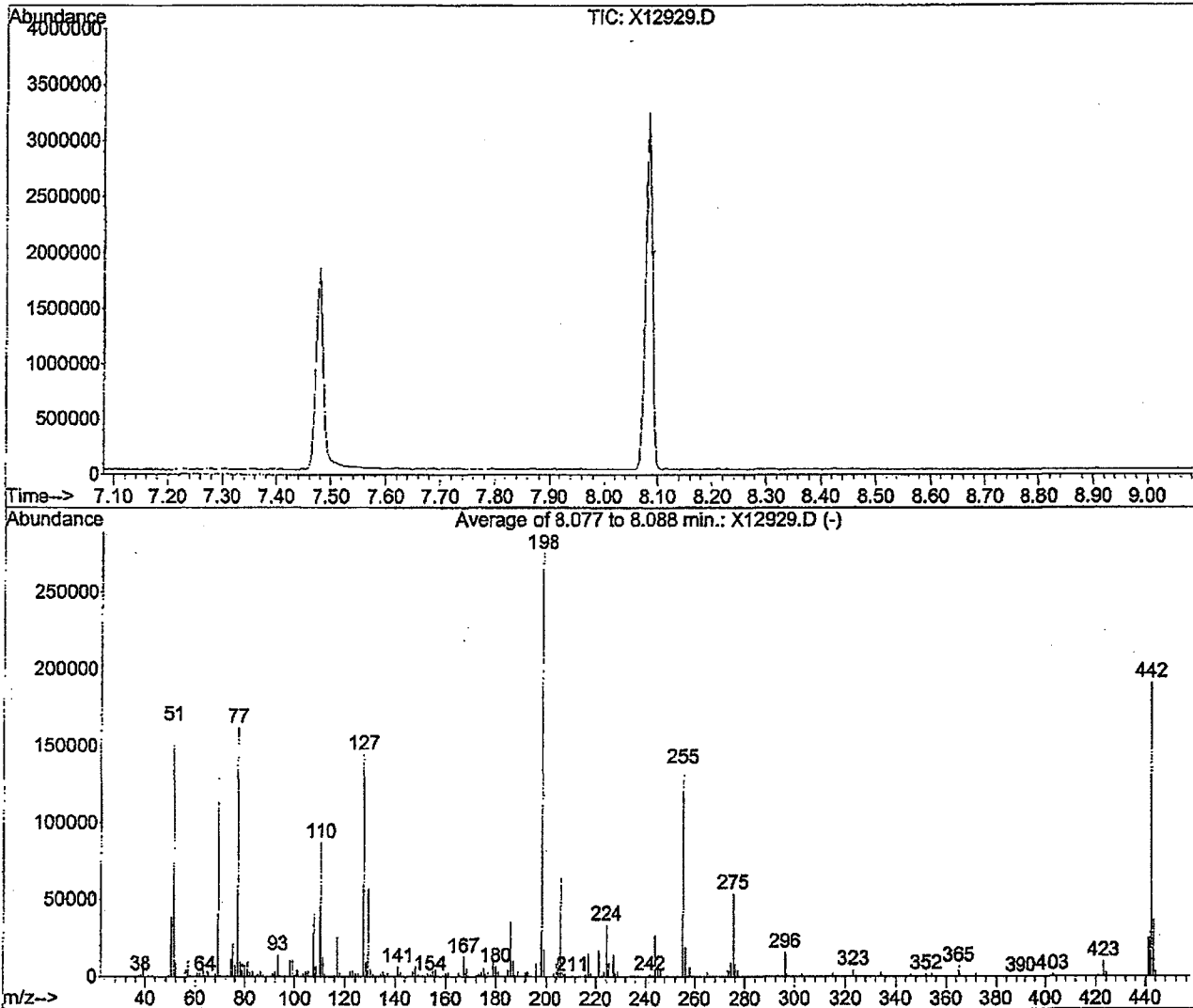
Operator: PM

Inst : HP5973X

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC



Peak Apex is scan: 696 (8.08 min)

Average of 3 scans: 695,696,697 minus background scan 676 (7.98 min)

Target	Rel. to	Lower	Upper	Rel.	Raw	Result
Mass	Mass	Limit,%	Limit,%	Abn,%	Abn	Pass/Fail
51	198	30	60	59.4	163727	PASS
68	69	0	2	1.2	1516	PASS
69	198	0	100	46.9	129438	PASS
70	69	0	2	0.6	717	PASS
127	198	40	60	52.5	144773	PASS
197	198	0	1	0.2	556	PASS
198	198	100	100	100.0	275861	PASS
199	198	5	9	6.6	18225	PASS
275	198	10	30	19.7	54325	PASS
365	198	1	100	2.5	6969	PASS
441	198	0	100	9.1	25084	PASS
442	198	40	110	69.4	191400	PASS
443	442	17	23	19.3	37034	PASS

Average of 8.077 to 8.088 min.: X12929.D

392/426

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
39.10	10744	69.00	129438	85.10	1404	107.10	40744
50.10	38957	74.10	11293	86.00	2994	108.05	6919
51.10	163727	75.05	21462	91.00	1911	110.05	87437
52.10	9423	76.10	7242	92.10	2833	111.05	12449
56.10	5221	77.10	162221	93.10	14384	112.05	1582
57.10	10275	78.10	9655	98.10	10478	117.05	26050
61.00	1872	79.05	8551	99.05	10775	118.00	2541
62.05	1768	80.00	7074	101.05	5385	122.05	3005
63.10	5890	81.05	10229	103.05	1877	123.05	3945
65.10	2896	82.05	2398	104.10	3129	124.00	2006
67.85	1516	83.10	3014	105.00	3606	125.00	2153

Average of 8.077 to 8.088 min.: X12929.D

DFTPP 50NG

Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
127.10	144773	148.00	6636	173.05	1641	189.00	3213
128.05	9344	149.00	1810	174.05	2742	192.00	2648
129.00	57432	153.05	2045	175.05	5496	192.95	3432
130.05	4984	154.05	1726	176.05	1483	196.05	8347
131.15	1460	155.05	4020	177.05	2688	198.00	275861
134.00	1724	156.10	5216	179.00	9808	199.00	18225
135.10	3731	160.00	1934	180.00	6859	203.05	1870
137.10	2593	161.05	2901	181.05	3275	204.05	9109
141.05	6714	165.05	2614	185.05	4299	205.05	13833
142.10	2686	167.05	13145	186.10	35554	206.10	64696
146.95	3389	168.10	5798	187.10	10209	207.05	8124

Average of 8.077 to 8.088 min.: X12929.D

DFTPP 50NG

Modified:subtracted

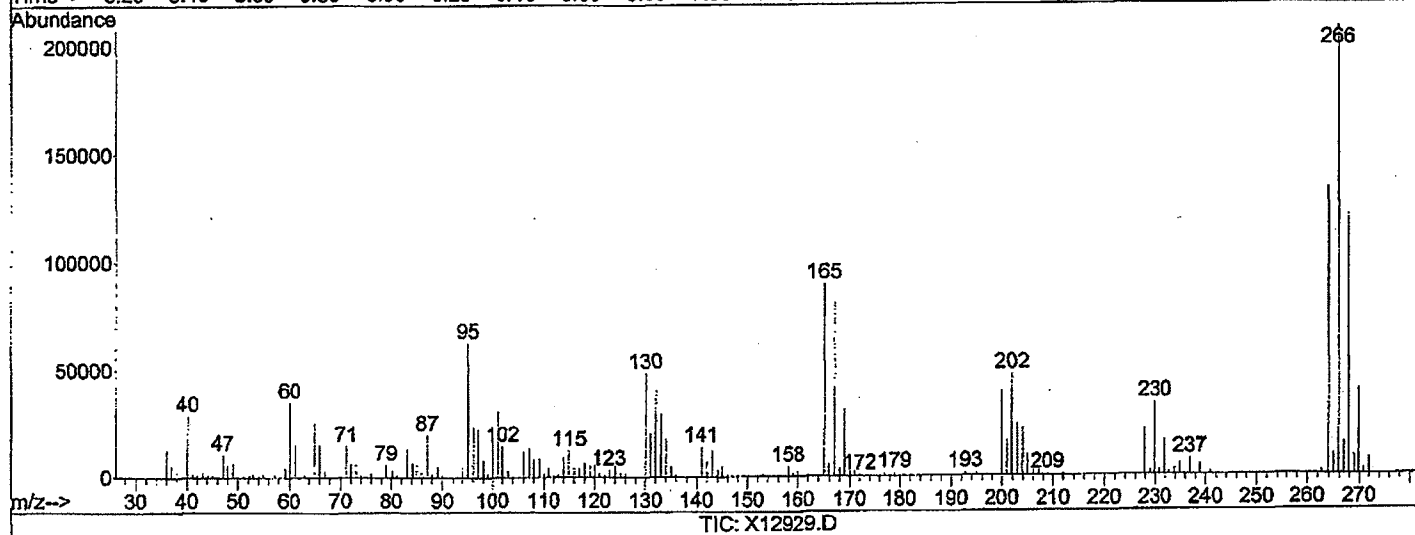
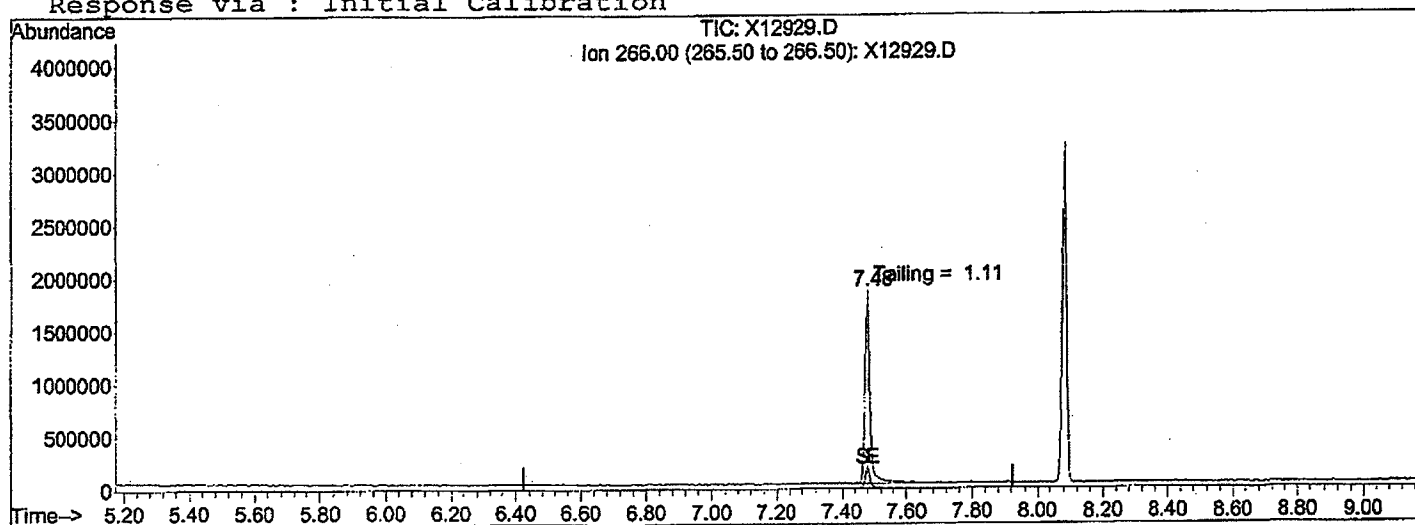
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
208.00	2180	228.95	3285	274.05	8993	354.05	1916
215.95	1485	237.00	1397	275.05	54325	364.95	6969
217.00	15358	241.95	1725	276.00	8322	372.00	2380
217.95	1894	244.05	27128	277.05	4839	402.90	1666
221.05	17055	245.05	3780	296.00	16099	423.00	10106
222.05	1428	246.00	4775	297.00	1894	424.05	2618
223.00	3642	255.00	136186	303.05	2004	441.00	25084
224.10	34082	256.00	19321	314.95	2017	442.00	191400
225.10	9055	257.95	6575	323.00	4613	443.05	37034
227.00	14294	265.00	2846	334.05	2760	444.00	3560
227.95	2367	272.95	4152	351.95	1997		

Data File : D:\DATA\110106\X12929.D
Acq On : 1 Nov 2006 9:15 am
Sample : DFTPP 50NG
Misc :
MS Integration Params: NA
Quant Time: No Quant Results

Vial: 64
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)
Title : Tune Analysis
Last Update : Wed Dec 21 11:55:18 2005
Response via : Initial Calibration



(1) Pentachlorophenol

Exp R.T. 7.48min

response 1979879

Signal	Exp%	Act%
--------	------	------

TIC	100	100
-----	-----	-----

266.00	1031.20	1112.49
--------	---------	---------

0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
------	------	------

Data File : D:\DATA\110106\X12929.D
Acq On : 1 Nov 2006 9:15 am
Sample : DFTPP 50NG
Misc :

Vial: 64
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: NA

Quant Time: No Quant Results

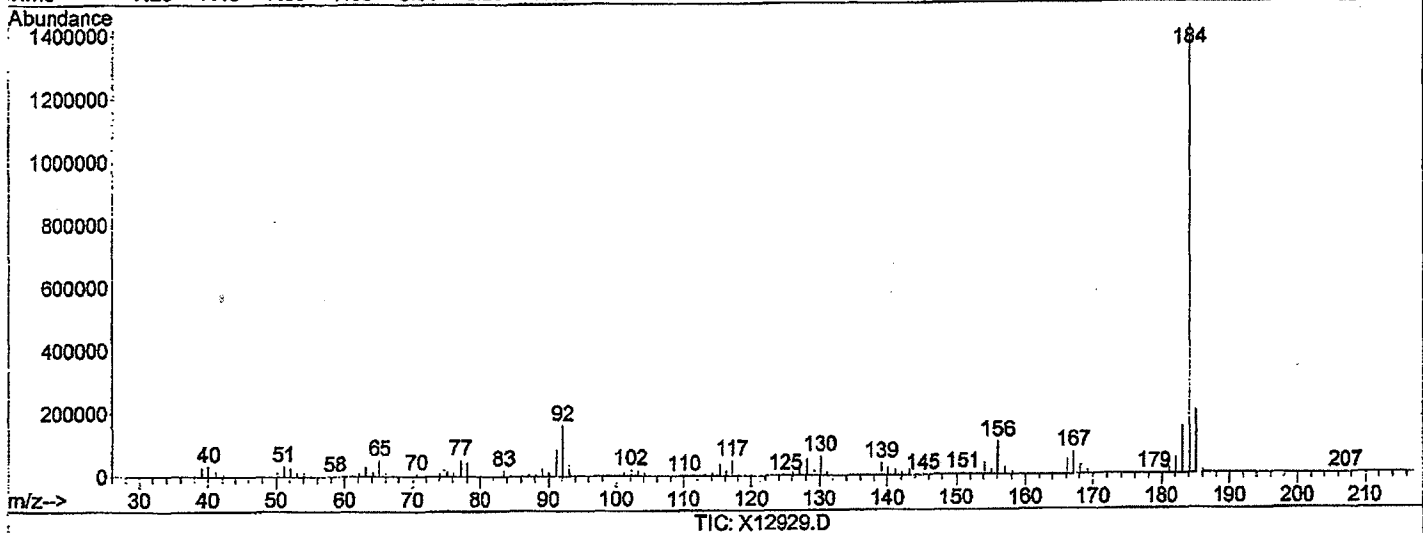
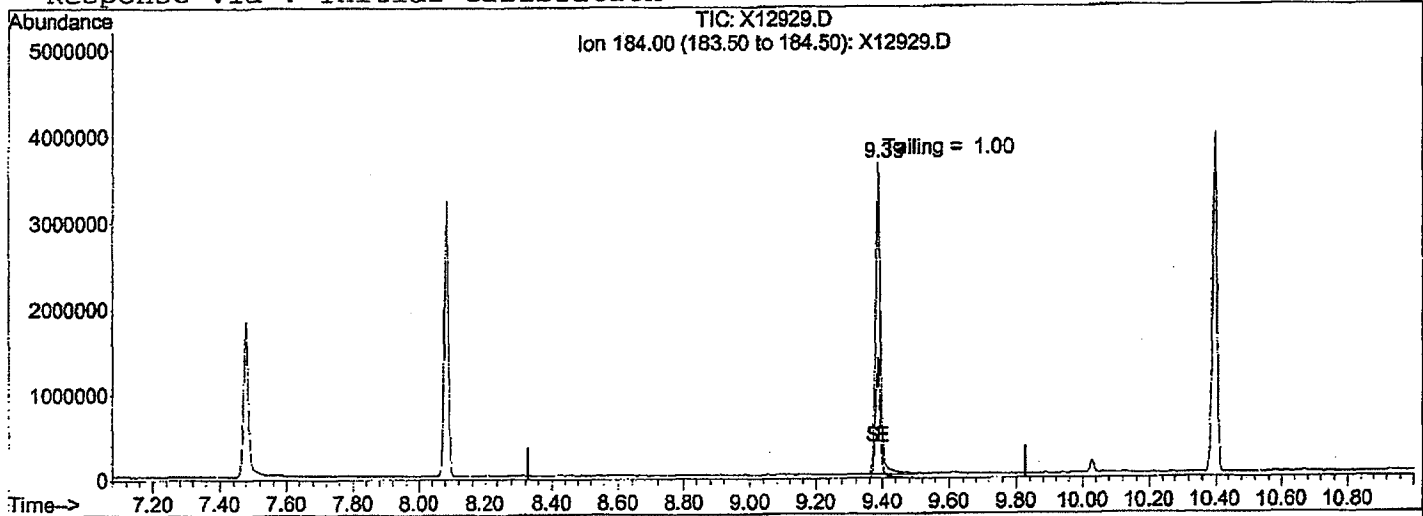
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)

Title : Tune Analysis

Last Update : Wed Dec 21 11:55:18 2005

Response via : Initial Calibration



(2) Benzidine

Exp R.T. 9.39min

response 3813929

Signal	Exp%	Act%
--------	------	------

TIC	100	100
-----	-----	-----

184.00	4004.30	3863.01
--------	---------	---------

0.00	0.00	0.00
------	------	------

0.00	0.00	0.00
------	------	------

Data File : D:\DATA\110106\X12929.D

Acq On : 1 Nov 2006 9:15 am

Sample : DFTPP 50NG

Misc :

MS Integration Params: NA

Quant Time: No Quant Results

Vial: 64

Operator: PM

Inst : HP5973X

Multiplr: 1.00

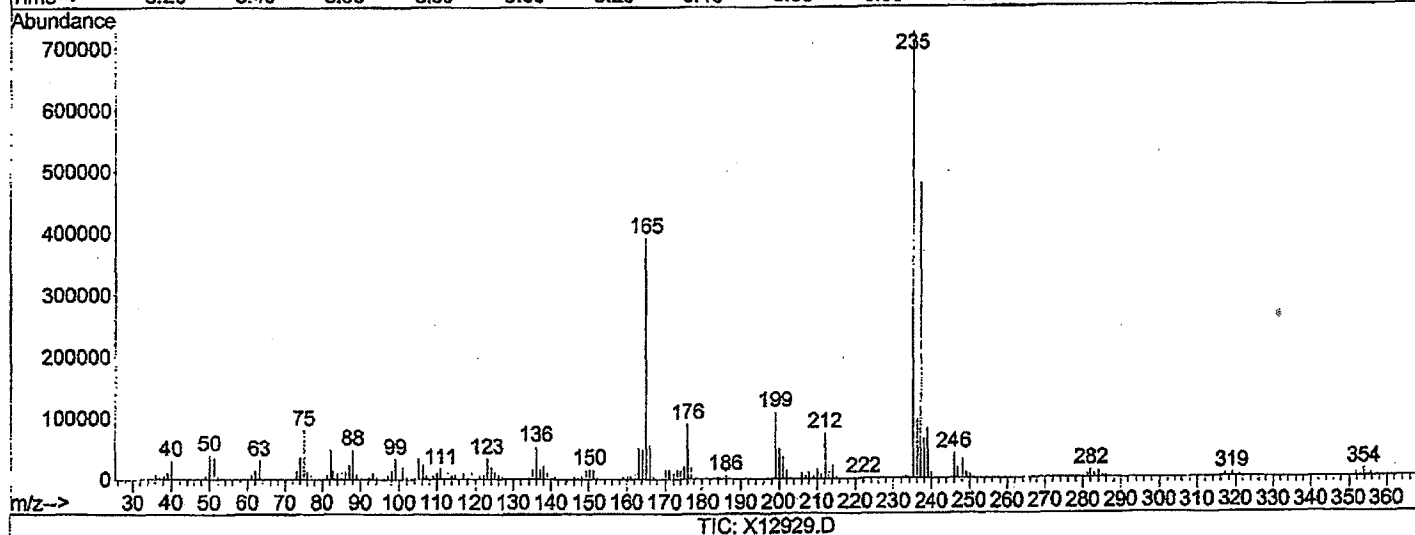
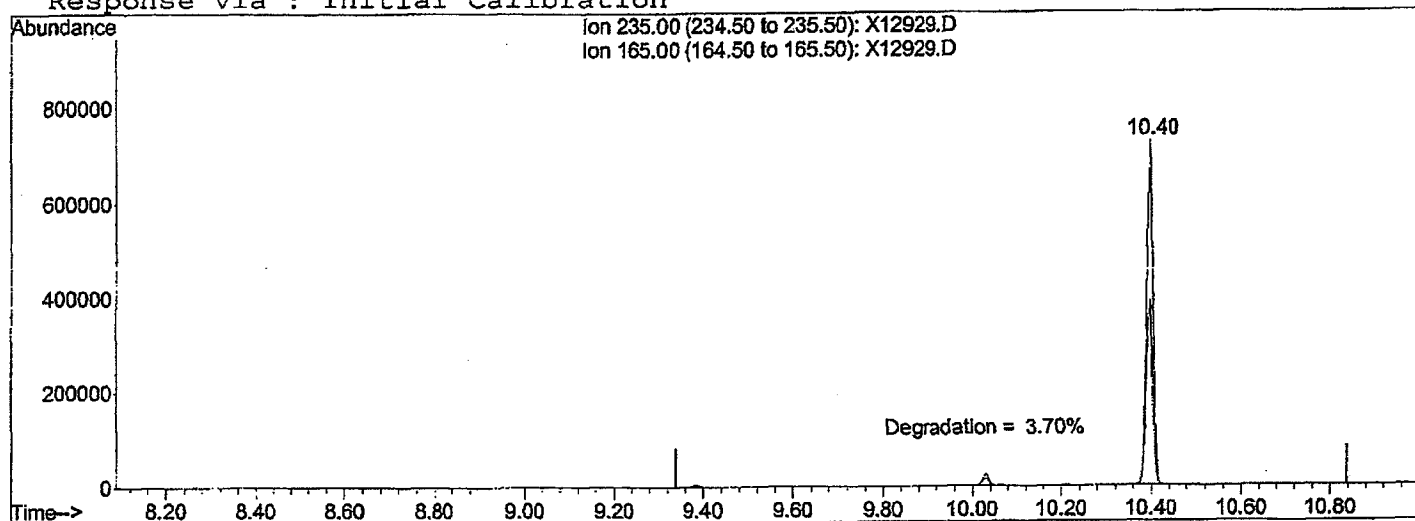
Results File: TUNEQ.RES

Method : C:\MSDCHEM\1\METHODS\TUNEQ.M (RTE Integrator)

Title : Tune Analysis

Last Update : Wed Dec 21 11:55:18 2005

Response via : Initial Calibration



(3) 4-DDT

Exp R.T. 10.40min

response 688134

Ion	Exp%	Act%
235.00	100	100
165.00	52.30	53.85
0.00	0.00	0.00
0.00	0.00	0.00

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

396/426

Client No.

SBLK94

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A6B2881602

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: X12873.RR

Level: (low/med) LOW

Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/31/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

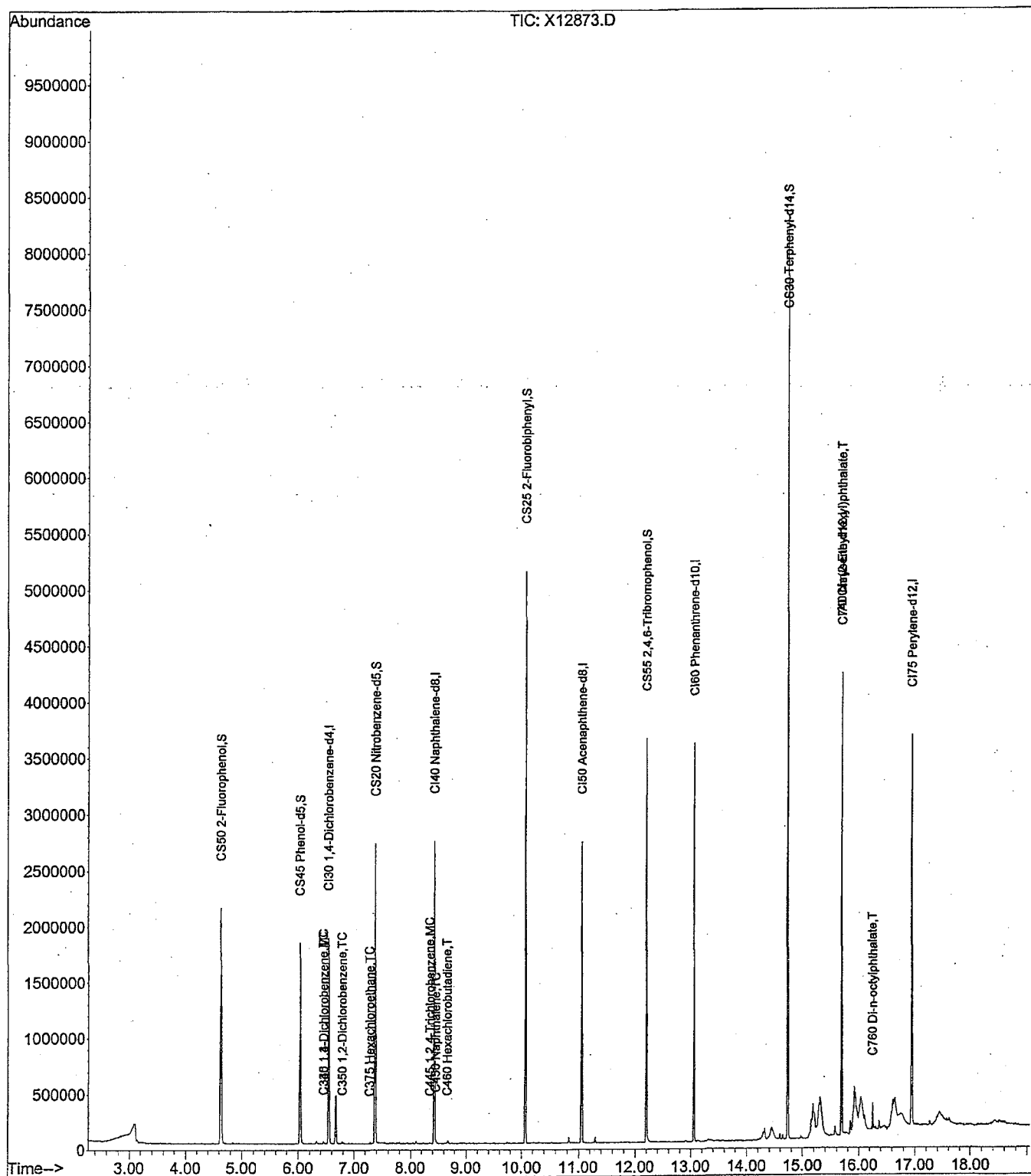
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(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		0.3	J

Data File : D:\DATA\103106\X12873.D
Acq On : 31 Oct 2006 10:04 am
Sample : SBLK94 AW60034312
Misc : 06-B865/C512
MS Integration Params: rteint.p

Vial: 7
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 31 11:23:46 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Oct 31 11:23:31 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\103106\X12873.D
Acq On : 31 Oct 2006 10:04 am
Sample : SBLK94 AW60034312
Misc : 06-B865/C512
MS Integration Params: rteint.p
Quant Time: Oct 31 11:23:46 2006

Vial: 7
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Oct 31 11:23:31 2006
Response via : Initial Calibration
DataAcq Meth : 8270
IS QA File : D:\DATA\103106\X12868.D (31 Oct 2006 7:59 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.55	152	321150	40.00	ng	0.00 92.58%
20) CI40 Naphthalene-d8	8.43	136	1347452	40.00	ng	0.00 95.03%
35) CI50 Acenaphthene-d8	11.06	164	705234	40.00	ng	0.00 94.78%
56) CI60 Phenanthrene-d10	13.06	188	1247565	40.00	ng	0.00 97.55%
68) CI70 Chrysene-d12	15.69	240	1230717	40.00	ng	0.00 104.90%
78) CI75 Perylene-d12	16.94	264	1227092	40.00	ng	0.00 104.04%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	801009	61.46	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	40.97%
5) CS45 Phenol-d5	6.04	99	797042	48.45	ng	0.00
Spiked Amount	150.000	Range	10 - 110	Recovery	=	32.30%
6) CS70 2-chlorophenol-d4	0.00	132	0	0.00	ng	
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.00%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	7.37	82	998347	76.76	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	76.76%
39) CS25 2-Fluorobiphenyl	10.07	172	1723706	80.51	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	80.51%
59) CS55 2,4,6-Tribromophenol	12.20	330	360076	145.33	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	96.89%
71) CS30 Terphenyl-d14	14.73	244	2355504	91.10	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	91.10%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethyl	2.81	74	181	N.D.		
4) C325 bis(2-Chloroethyl)e	6.08	93	190	N.D.		
7) C315 Phenol	6.05	94	2784	N.D.		
8) C330 2-Chlorophenol	6.23	128	2176	N.D.		
9) C320 aniline	6.08	93	190	N.D.		
10) C335 1,3-Dichlorobenzene	6.46	146	3412	0.28	ng	85
11) C340 1,4-Dichlorobenzene	6.46	146	3412	0.27	ng	83
13) C350 1,2-Dichlorobenzene	6.79	146	3112	0.27	ng	83
14) C345 Benzyl alcohol	6.79	108	514	N.D.		
15) C360 bis(2-chloroisoprop	6.96	45	1666	N.D.		
16) C355 2-Methylphenol	0.00	108	0	N.D.		
17) C375 Hexachloroethane	7.28	117	1377	0.31	ng	# 44
18) C370 N-Nitroso-di-n-prop	0.00	70	0	N.D.		
19) C365 4-Methylphenol	7.18	108	168	N.D.		
22) C410 Nitrobenzene	7.39	77	170	N.D.		
23) C415 Isophorone	7.78	82	619	N.D.		
24) C430 benzoic acid	0.00	122	0	N.D.		
25) C420 2-Nitrophenol	0.00	139	0	N.D.		
26) C425 2,4-Dimethylphenol	0.00	107	0	N.D.		
27) C435 bis(2-Chloroethoxy)	8.44	93	194	N.D.		
28) C440 2,4-Dichlorophenol	8.24	162	398	N.D.		

Data File : D:\DATA\103106\X12873.D

Acq On : 31 Oct 2006 10:04 am

Sample : SBLK94 AW60034312

Misc : 06-B865/C512

MS Integration Params: rteint.p

Quant Time: Oct 31 11:23:46 2006

Vial: 7

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Tue Oct 31 11:23:31 2006

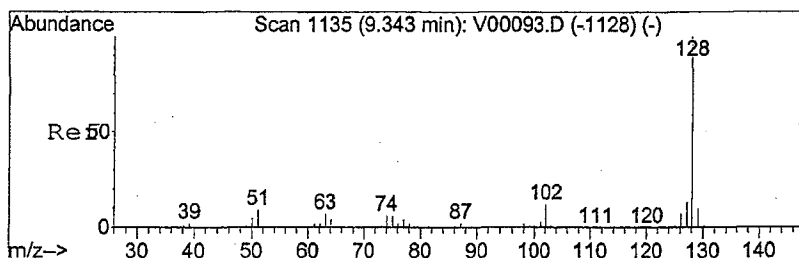
Response via : Initial Calibration

DataAcq Meth : 8270

IS QA File : D:\DATA\103106\X12868.D (31 Oct 2006 7:59 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
						Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	8.36	180 <i>ua</i>	2700	0.29	ng	96
30) C450 Naphthalene	8.46	128	10292	0.31	ng	93
31) C455 4-Chloroaniline	0.00	127	0	N.D.		
32) C460 Hexachlorobutadiene	8.67	225 <i>uc</i>	1798	0.40	ng	81
33) C465 4-Chloro-3-methylph	9.34	107	255	N.D.		
34) C470 2-Methylnaphthalene	9.51	142	2670	N.D.		
36) C510 Hexachlorocyclopent	9.74	237	353	N.D.		
37) C515 2,4,6-Trichlorophen	0.00	196	0	N.D.		
38) C520 2,4,5-Trichlorophen	0.00	196	0	N.D.		
40) C525 2-Chloronaphthalene	10.23	162	1700	N.D.		
41) C530 2-Nitroaniline	10.31	65	207	N.D.		
42) C540 Acenaphthylene	10.84	152	1160	N.D.		
43) C535 Dimethylphthalate	10.84	163	1112	N.D.		
44) C542 2,6-Dinitrotoluene	10.84	165	189	N.D.		
45) C550 Acenaphthene	11.09	153	398	N.D.		
46) C545 3-Nitroaniline	0.00	138	0	N.D.		
47) C555 2,4-Dinitrophenol	0.00	184	0	N.D.		
48) C565 Dibenzofuran	11.37	168	875	N.D.		
49) C570 2,4-Dinitrotoluene	0.00	165	0	N.D.		
50) C560 4-Nitrophenol	11.67	109	173	N.D.		
51) C590 Fluorene	11.86	166	189	N.D.		
52) C585 4-Chlorophenyl-phen	11.90	204	766	N.D.		
53) C580 Diethylphthalate	0.00	149	0	N.D.		
54) C620 1,2-diphenylhydrazin	12.12	77	183	N.D.		
55) C595 4-Nitroaniline	0.00	138	0	N.D.		
57) C610 4,6-Dinitro-2-methy	0.00	198	0	N.D.		
58) C615 n-Nitrosodiphenylam	0.00	169	0	N.D.		
60) C625 4-Bromophenyl-pheny	0.00	248	0	N.D.		
61) C630 Hexachlorobenzene	0.00	284	0	N.D.		
62) C635 Pentachlorophenol	0.00	266	0	N.D.		
63) C640 Phenanthrene	13.09	178	693	N.D.		
64) C645 Anthracene	13.15	178	163	N.D.		
65) C647 carbazole	13.54	167	164	N.D.		
66) C650 Di-n-butylphthalate	13.75	149	3436	N.D.		
67) C655 Fluoranthene	14.36	202	478	N.D.		
69) C715 Pyrene	14.57	202	631	N.D.		
70) C710 benzidine	14.51	184	652	N.D.		
72) C720 Butylbenzylphthalat	15.19	149	2578	N.D.		
73) C725 3,3'-Dichlorobenzid	0.00	252	0	N.D.		
74) C730 Benzo[a]anthracene	15.69	228	3209	N.D.		
75) C735 Chrysene	15.69	228	3209	N.D.		
76) C740 bis(2-Ethylhexyl)phth	15.69	149	12921	0.56	ng	92
77) C760 Di-n-octylphthalate	16.25	149	15929	0.36	ng	91
79) C765 Benzo[b]fluoranthene	16.94	252	4372	N.D.		
80) C770 Benzo[k]fluoranthene	16.62	252	679	N.D.		
81) C775 Benzo[a]pyrene	16.94	252	4372	N.D.		
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.		
83) C785 Dibenz[a,h]anthracene	18.00	278	176	N.D.		
84) C790 Benzo[g,h,i]perylene	18.30	276	193	N.D.		

(#)=qualifier out of range (m)=manual integration (+)=signals summed



#30

C450 Naphthalene

Concen: 0.31 ng

RT: 8.46 min Scan# 1156

Delta R.T. -0.01 min

Lab File: X12873.D

Acq: 31 Oct 2006 10:04 am

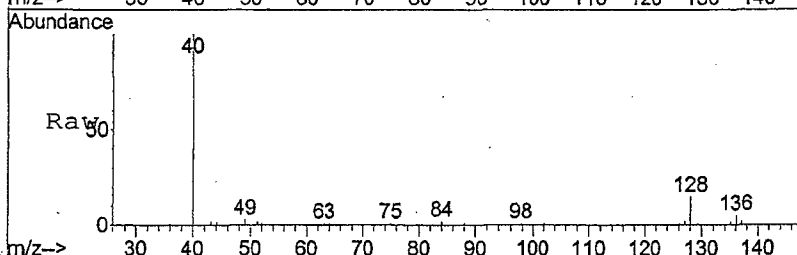
Tgt Ion:128 Resp: 10292

Ion Ratio Lower Upper

128 100

129 7.6 0.0 31.0

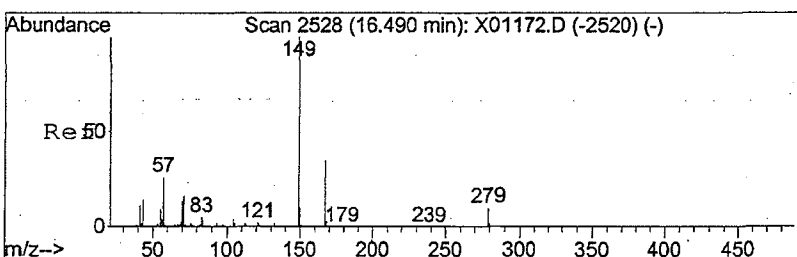
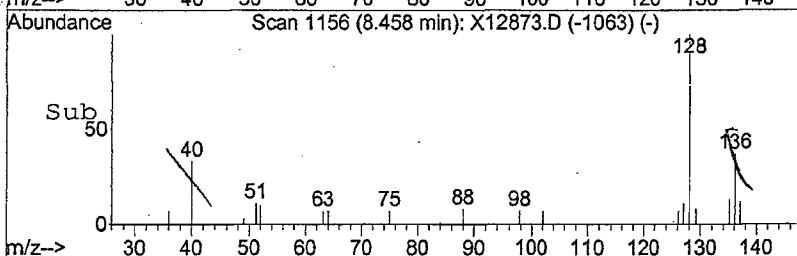
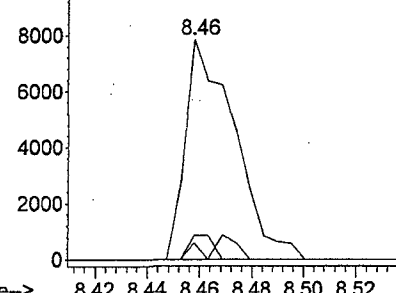
127 10.9 0.0 32.6



Abundance Ion 128.00 (127.50 to 128.50): X12873

Ion 129.00 (128.50 to 129.50): X12873

Ion 127.00 (126.50 to 127.50): X12873



#76

C740 bis(2-Ethylhexyl)phthalate

Concen: 0.56 ng

RT: 15.69 min Scan# 2509

Delta R.T. 0.00 min

Lab File: X12873.D

Acq: 31 Oct 2006 10:04 am

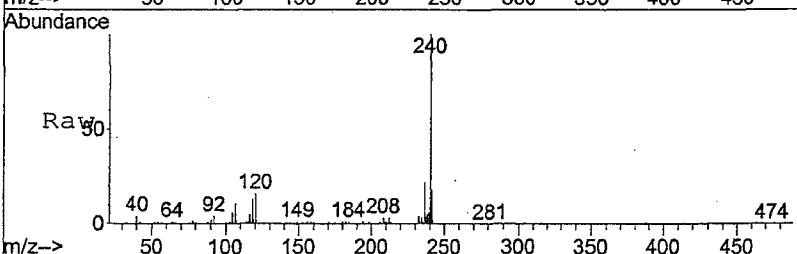
Tgt Ion:149 Resp: 12921

Ion Ratio Lower Upper

149 100

167 32.8 16.2 56.2

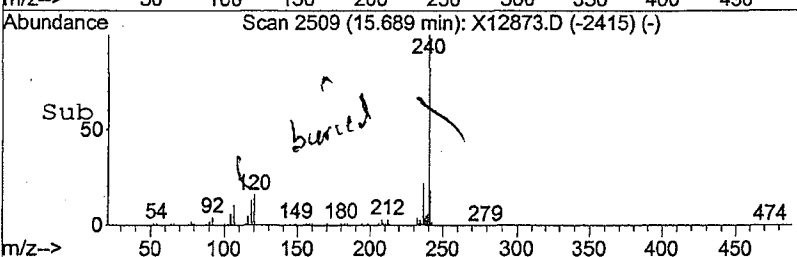
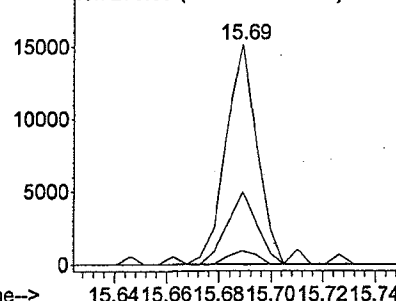
279 6.0 0.0 31.4



Abundance Ion 149.00 (148.50 to 149.50): X12873

Ion 167.00 (166.50 to 167.50): X12873

Ion 279.00 (278.50 to 279.50): X12873



ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

401/426

Client No.

SMSB94

Lab Name: STL Buffalo

Contract: _____

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

Matrix: (soil/water) WATER

Lab Sample ID: A6B2881601

Sample wt/vol: 1000.0 (g/mL) ML

Lab File ID: X12872.RR

Level: (low/med) LOW

Date Samp/Recv: _____

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 10/31/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

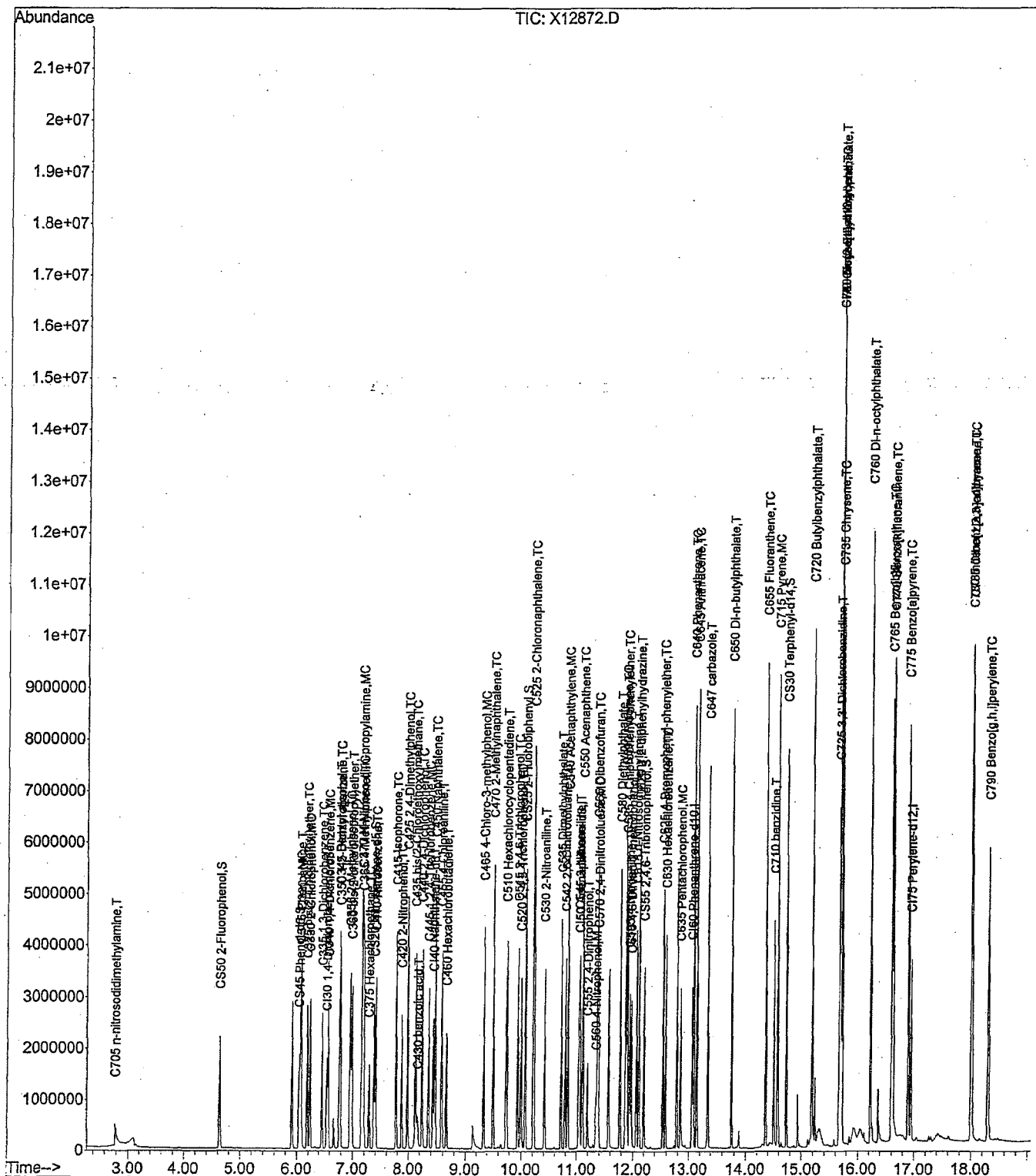
CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
108-95-2-----	Phenol		45	
106-44-5-----	4-Methylphenol		78	
91-20-3-----	Naphthalene		83	B

Data File : D:\DATA\103106\X12872.D
Acq On : 31 Oct 2006 9:39 am
Sample : MSB AW60034311
Misc : 06-B865/C512
MS Integration Params: rteint.p

Vial: 6
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Oct 31 11:23:45 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Tue Oct 31 11:23:31 2006
Response via : Initial Calibration
DataAcq Meth : 8270



Data File : D:\DATA\103106\X12872.D
 Acq On : 31 Oct 2006 9:39 am
 Sample : MSB AW60034311
 Misc : 06-B865/C512
 MS Integration Params: rteint.p
 Quant Time: Oct 31 11:23:45 2006

Vial: 6
 Operator: PM
 Inst : HP5973X
 Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
 Title : 8270 BNA Calibration with EPC
 Last Update : Tue Oct 31 11:23:31 2006
 Response via : Initial Calibration
 DataAcq Meth : 8270
 IS QA File : D:\DATA\103106\X12868.D (31 Oct 2006 7:59 am)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	307395	40.00	ng	0.00 88.62%
20) CI40 Naphthalene-d8	8.44	136	1309636	40.00	ng	0.00 92.36%
35) CI50 Acenaphthene-d8	11.06	164	679516	40.00	ng	0.00 91.32%
56) CI60 Phenanthrene-d10	13.06	188	1178422	40.00	ng	0.00 92.14%
68) CI70 Chrysene-d12	15.69	240	1116562	40.00	ng	0.00 95.17%
78) CI75 Perylene-d12	16.94	264	1225857	40.00	ng	0.00 103.94%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	869295	69.68	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	46.45%
5) CS45 Phenol-d5	6.04	99	851539	54.08	ng	0.00
Spiked Amount	150.000	Range	10 - 110	Recovery	=	36.05%
6) CS70 2-chlorophenol-d4	6.23	132	1076	0.09	ng	0.02
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.06%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	7.37	82	1125224	89.01	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	89.01%
39) CS25 2-Fluorobiphenyl	10.07	172	1886661	91.46	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	91.46%
59) CS55 2,4,6-Tribromophenol	12.20	330	368590	157.50	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	105.00%
71) CS30 Terphenyl-d14	14.74	244	2288305	97.55	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	97.55%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.78	74	408515	56.50	ng	91
4) C325 bis(2-Chloroethyl)eth	6.18	93	1089203	92.20	ng	# 74
7) C315 Phenol	6.06	94	747428	45.01	ng	94
8) C330 2-Chlorophenol	6.23	128	906431	81.57	ng	83
9) C320 aniline	6.07	93	1627710	84.27	ng	88
10) C335 1,3-Dichlorobenzene	6.46	146	726037	61.89	ng	97
11) C340 1,4-Dichlorobenzene	6.57	146	756284	63.38	ng	98
13) C350 1,2-Dichlorobenzene	6.79	146	722774	65.36	ng	94
14) C345 Benzyl alcohol	6.77	108	657694	88.21	ng	# 78
15) C360 bis(2-chloroisopropyl	6.99	45	1945019	92.54	ng	99
16) C355 2-Methylphenol	6.96	108	874719	82.10	ng	96
17) C375 Hexachloroethane	7.28	117	255611	60.42	ng	97
18) C370 N-Nitroso-di-n-propyl	7.18	70	821540	103.32	ng	# 75
19) C365 4-Methylphenol	7.19	108	876260	77.73	ng	100
22) C410 Nitrobenzene	7.40	77	1184292	94.82	ng	90
23) C415 Isophorone	7.77	82	2258040	96.89	ng	92
24) C430 benzoic acid	8.16	122	370680	150.97	ng	# 71
25) C420 2-Nitrophenol	7.88	139	533246	93.94	ng	89
26) C425 2,4-Dimethylphenol	7.98	107	1099067	95.14	ng	97
27) C435 bis(2-Chloroethoxy)me	8.12	93	1361142	102.07	ng	97
28) C440 2,4-Dichlorophenol	8.24	162	771639	93.18	ng	99

Data File : D:\DATA\103106\X12872.D

Acq On : 31 Oct 2006 9:39 am

Sample : MSB AW60034311

Misc : 06-B865/C512

MS Integration Params: rteint.p

Quant Time: Oct 31 11:23:45 2006

Vial: 6

Operator: PM

Inst : HP5973X

Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)

Title : 8270 BNA Calibration with EPC

Last Update : Tue Oct 31 11:23:31 2006

Response via : Initial Calibration

DataAcq Meth : 8270

IS QA File : D:\DATA\103106\X12868.D (31 Oct 2006 7:59 am)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)	Rcv(Ar)
29)	C445 1,2,4-Trichlorobenzen	8.36	180	647879	71.01	ng		97
30)	C450 Naphthalene	8.47	128	2654884	82.93	ng		98
31)	C455 4-Chloroaniline	8.58	127	1325826	97.64	ng		97
32)	C460 Hexachlorobutadiene	8.67	225	273624	63.06	ng		94
33)	C465 4-Chloro-3-methylphen	9.33	107	1024122	101.65	ng		97
34)	C470 2-Methylnaphthalene	9.51	142	1726208	84.68	ng		99
36)	C510 Hexachlorocyclopentad	9.74	237	365326	78.32	ng		92
37)	C515 2,4,6-Trichlorophenol	9.94	196	538384	103.10	ng		97
38)	C520 2,4,5-Trichlorophenol	10.00	196	604374	106.02	ng		98
40)	C525 2-Chloronaphthalene	10.23	162	1623054	93.14	ng		93
41)	C530 2-Nitroaniline	10.41	65	726166	117.34	ng		86
42)	C540 Acenaphthylene	10.84	152	3023269	102.27	ng		99
43)	C535 Dimethylphthalate	10.72	163	2136860	105.60	ng		98
44)	C542 2,6-Dinitrotoluene	10.79	165	487258	108.20	ng		95
45)	C550 Acenaphthene	11.10	153	1781617	102.54	ng		97
46)	C545 3-Nitroaniline	11.04	138	614523	106.53	ng		94
47)	C555 2,4-Dinitrophenol	11.19	184	261625	107.20	ng	#	56
48)	C565 Dibenzofuran	11.37	168	2481360	100.76	ng		94
49)	C570 2,4-Dinitrotoluene	11.39	165	666886	105.34	ng		84
50)	C560 4-Nitrophenol	11.34	109	128540	45.37	ng	#	77
51)	C590 Fluorene	11.87	166	2084388	106.33	ng		98
52)	C585 4-Chlorophenyl-phenyl	11.90	204	952877	104.99	ng		94
53)	C580 Diethylphthalate	11.78	149	2181917	109.58	ng		98
54)	C620 1,2-diphenylhydrazine	12.11	77	2541074	108.83	ng		87
55)	C595 4-Nitroaniline	11.94	138	626541	105.84	ng		90
57)	C610 4,6-Dinitro-2-methylp	11.97	198	416593	130.92	ng		100
58)	C615 n-Nitrosodiphenylamin	12.07	169	1035547	71.02	ng		94
60)	C625 4-Bromophenyl-phenyle	12.54	248	527170	110.86	ng	#	85
61)	C630 Hexachlorobenzene	12.59	284	523579	108.51	ng		80
62)	C635 Pentachlorophenol	12.85	266	349343	116.62	ng		89
63)	C640 Phenanthrene	13.09	178	3278860	114.30	ng		98
64)	C645 Anthracene	13.15	178	3319574	113.87	ng		97
65)	C647 carbazole	13.35	167	3030992	114.10	ng		97
66)	C650 Di-n-butylphthalate	13.75	149	3666724	111.10	ng		99
67)	C655 Fluoranthene	14.36	202	3404142	112.38	ng		98
69)	C715 Pyrene	14.58	202	3547071	108.93	ng		99
70)	C710 benzidine	14.51	184	1482359	76.36	ng		100
72)	C720 Butylbenzylphthalate	15.19	149	1879809	117.11	ng		99
73)	C725 3,3'-Dichlorobenzidin	15.66	252	1119446	91.63	ng		98
74)	C730 Benzo[a]anthracene	15.68	228	3370291	115.65	ng		98
75)	C735 Chrysene	15.72	228	3240855	112.43	ng		100
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	2415212	116.24	ng		92
77)	C760 Di-n-octylphthalate	16.23	149	4720278	116.99	ng		99
79)	C765 Benzo[b]fluoranthene	16.60	252	3817417	111.28	ng		96
80)	C770 Benzo[k]fluoranthene	16.63	252	3592285	112.26	ng		96
81)	C775 Benzo[a]pyrene	16.90	252	3521267	110.44	ng		96
82)	C780 Indeno[1,2,3-cd]pyren	18.01	276	3808751	121.61	ng		99
83)	C785 Dibenz[a,h]anthracene	18.02	278	3216650	121.35	ng		98
84)	C790 Benzo[g,h,i]perylene	18.32	276	3310398	124.59	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

405/426

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: A6C51210MS

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12922.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

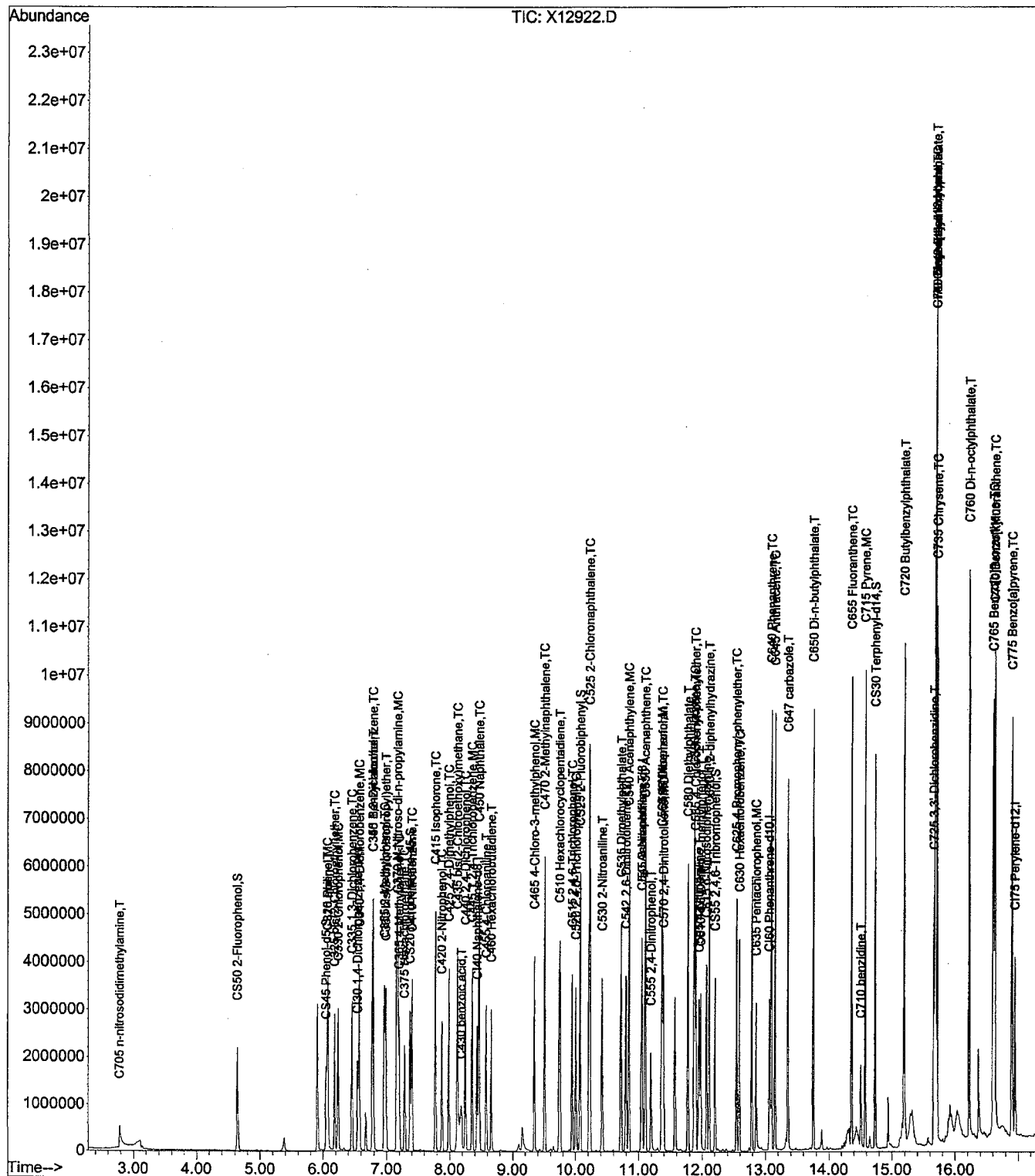
CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	UG/L	Q
108-95-2-----	Phenol	37	
106-44-5-----	4-Methylphenol	59	
91-20-3-----	Naphthalene	87	B

406/426

Vial: 56
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:26 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12922.D
Acq On : 1 Nov 2006 5:51 am
Sample : A6C51210MS AW60034322
Misc :

Vial: 56
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:26 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	320049	40.00	ng	0.00 95.95%
20) CI40 Naphthalene-d8	8.44	136	1369133	40.00	ng	0.00 97.34%
35) CI50 Acenaphthene-d8	11.06	164	702562	40.00	ng	0.00 96.24%
56) CI60 Phenanthrene-d10	13.06	188	1235603	40.00	ng	0.00 96.82%
68) CI70 Chrysene-d12	15.69	240	1193023	40.00	ng	0.00 97.16%
78) CI75 Perylene-d12	16.94	264	1290011	40.00	ng	0.00 105.32%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	810421	62.39	ng	0.00
Spiked Amount 150.000	Range 21 - 110		Recovery =	41.59%		
5) CS45 Phenol-d5	6.05	99	791504	48.28	ng	0.01
Spiked Amount 150.000	Range 10 - 110		Recovery =	32.19%		
6) CS70 2-chlorophenol-d4	6.23	132	925	0.08	ng	0.02
Spiked Amount 150.000	Range 33 - 110		Recovery =	0.05%#		
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount 100.000	Range 16 - 110		Recovery =	0.00%#		
21) CS20 Nitrobenzene-d5	7.37	82	1197171	90.59	ng	0.00
Spiked Amount 100.000	Range 34 - 114		Recovery =	90.59%		
39) CS25 2-Fluorobiphenyl	10.07	172	2022479	94.83	ng	0.00
Spiked Amount 100.000	Range 43 - 116		Recovery =	94.83%		
59) CS55 2,4,6-Tribromophenol	12.20	330	371073	151.22	ng	0.00
Spiked Amount 150.000	Range 10 - 123		Recovery =	100.81%		
71) CS30 Terphenyl-d14	14.73	244	2328724	92.91	ng	0.00
Spiked Amount 100.000	Range 33 - 141		Recovery =	92.91%		

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.78	74	425177	56.48	ng	93
4) C325 bis(2-Chloroethyl)eth	6.18	93	1144149	93.02	ng	# 75
8) C315 Phenol	6.07	94	666347	38.54	ng	# 49
8) C330 2-Chlorophenol	6.24	128	894774	77.33	ng	83
9) C320 aniline	6.07	93	1230212	61.17	ng	82
10) C335 1,3-Dichlorobenzene	6.46	146	884991	72.46	ng	99
11) C340 1,4-Dichlorobenzene	6.57	146	929843	74.84	ng	97
13) C350 1,2-Dichlorobenzene	6.79	146	893168	77.57	ng	93
14) C345 Benzyl alcohol	6.78	108	679260	87.50	ng	# 76
15) C360 bis(2-chloroisopropyl	6.99	45	2115865	96.68	ng	98
16) C355 2-Methylphenol	6.96	108	749068	67.53	ng	96
17) C375 Hexachloroethane	7.28	117	347542	78.90	ng	95
18) C370 N-Nitroso-di-n-propyl	7.18	70	896628	108.30	ng	# 74
19) C365 4-Methylphenol	7.20	108	715667	60.97	ng	98
22) C410 Nitrobenzene	7.41	77	1262915	96.72	ng	89
23) C415 Isophorone	7.77	82	2451625	100.62	ng	94
24) C430 benzoic acid	8.19	122	648188	159.12	ng	# 68
25) C420 2-Nitrophenol	7.88	139	572243	96.43	ng	91
26) C425 2,4-Dimethylphenol	7.99	107	828717	68.62	ng	98
27) C435 bis(2-Chloroethoxy)me	8.12	93	1438467	103.18	ng	96
28) C440 2,4-Dichlorophenol	8.25	162	749304	86.55	ng	99

Data File : D:\DATA\103106\X12922.D
Acq On : 1 Nov 2006 5:51 am
Sample : A6C51210MS AW60034322
Misc :
MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:26 2006

Vial: 56
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min)
							Rcv(Ar)
29)	C445 1,2,4-Trichlorobenzen	8.36	180	770678	80.80	ng	95
30)	C450 Naphthalene	8.47	128	3036152	90.72	ng	99
31)	C455 4-Chloroaniline	8.58	127	1014479	71.47	ng	98
32)	C460 Hexachlorobutadiene	8.66	225	359523	79.25	ng	96
33)	C465 4-Chloro-3-methylphen	9.35	107	952817	90.46	ng	98
34)	C470 2-Methylnaphthalene	9.51	142	1926496	90.39	ng	100
36)	C510 Hexachlorocyclopentad	9.74	237	437009	90.62	ng	92
37)	C515 2,4,6-Trichlorophenol	9.95	196	525873	97.41	ng	99
38)	C520 2,4,5-Trichlorophenol	10.01	196	615233	104.38	ng	98
40)	C525 2-Chloronaphthalene	10.23	162	1782673	98.94	ng	93
41)	C530 2-Nitroaniline	10.42	65	777529	121.52	ng	84
42)	C540 Acenaphthylene	10.84	152	3227222	105.58	ng	99
43)	C535 Dimethylphthalate	10.72	163	2212405	105.74	ng	99
44)	C542 2,6-Dinitrotoluene	10.80	165	510890	109.72	ng	94
45)	C550 Acenaphthene	11.11	153	1862496	103.68	ng	98
46)	C545 3-Nitroaniline	11.04	138	575192	96.44	ng	96
47)	C555 2,4-Dinitrophenol	11.19	184	317321	122.11	ng	# 63
48)	C565 Dibenzofuran	11.37	168	2601063	102.16	ng	88
49)	C570 2,4-Dinitrotoluene	11.39	165	703083	107.42	ng	73
50)	C560 4-Nitrophenol	11.36	109	133946	45.73	ng	# 1
51)	C590 Fluorene	11.87	166	2173579	107.25	ng	95
52)	C585 4-Chlorophenyl-phenyl	11.89	204	997123	106.26	ng	90
53)	C580 Diethylphthalate	11.78	149	2293063	111.38	ng	97
54)	C620 1,2-diphenylhydrazine	12.11	77	2709147	112.22	ng	88
55)	C595 4-Nitroaniline	11.95	138	646222	105.59	ng	91
57)	C610 4,6-Dinitro-2-methylp	11.97	198	454793	136.31	ng	100
58)	C615 n-Nitrosodiphenylamin	12.07	169	1007704	65.91	ng	95
60)	C625 4-Bromophenyl-phenyle	12.54	248	554712	111.25	ng	# 82
61)	C630 Hexachlorobenzene	12.59	284	542647	107.26	ng	75
62)	C635 Pentachlorophenol	12.85	266	338798	107.86	ng	96
63)	C640 Phenanthrene	13.09	178	3397019	112.94	ng	97
64)	C645 Anthracene	13.15	178	3463471	113.30	ng	99
65)	C647 carbazole	13.35	167	2976875	106.88	ng	97
66)	C650 Di-n-butylphthalate	13.75	149	3992874	115.39	ng	100
67)	C655 Fluoranthene	14.36	202	3543738	111.57	ng	99
69)	C715 Pyrene	14.58	202	3711258	106.67	ng	99
70)	C710 benzidine	14.51	184	565797	27.28	ng	99
72)	C720 Butylbenzylphthalate	15.19	149	2006995	117.02	ng	98
73)	C725 3,3'-Dichlorobenzidin	15.66	252	883351	67.67	ng	99
74)	C730 Benzo[a]anthracene	15.68	228	3510302	112.73	ng	99
75)	C735 Chrysene	15.72	228	3392340	110.15	ng	100
76)	C740 bis(2-Ethylhexyl)phth	15.69	149	2580412	116.23	ng	91
77)	C760 Di-n-octylphthalate	16.23	149	5040439	116.92	ng	99
79)	C765 Benzo[b]fluoranthene	16.60	252	4042347	111.98	ng	95
80)	C770 Benzo[k]fluoranthene	16.62	252	3652500	108.47	ng	98
81)	C775 Benzo[a]pyrene	16.90	252	3684508	109.81	ng	99
82)	C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.		
83)	C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.		
84)	C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

ASP 2000 - METHOD 8270 SELECT LIST
ANALYSIS DATA SHEET

409/426

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: A6C51210SD

Sample wt/vol: 1040.0 (g/mL) ML

Lab File ID: X12923.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: _____ decanted: (Y/N) N

Date Extracted: 10/25/2006

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 11/01/2006

Injection Volume: 1.00 (uL)

Dilution Factor: 1.00

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

CONCENTRATION UNITS:

(ug/L or ug/Kg)

UG/L

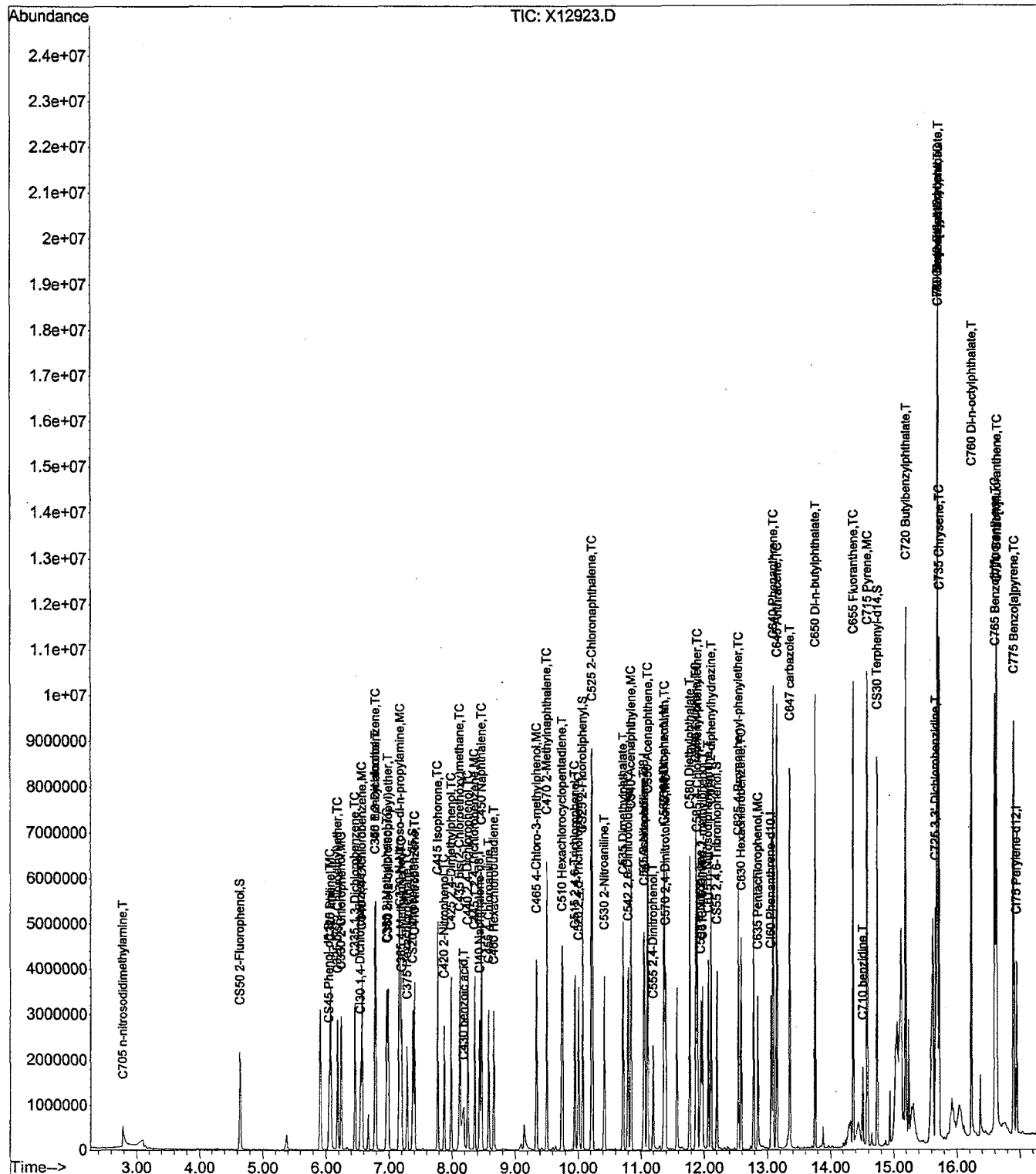
Q

CAS NO.	COMPOUND		
108-95-2-----	Phenol	34	
106-44-5-----	4-Methylphenol	54	
91-20-3-----	Naphthalene	82	B

410/426

Vial: 57
Operator: PM
Inst : HP5973X
Multiplr: 1.00

Quant Time: Nov 01 06:56:28 2006 Results File: 8270EQ.RES
Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR



Data File : D:\DATA\103106\X12923.D
Acq On : 1 Nov 2006 6:14 am
Sample : A6C51210SD AW60034323
Misc :

Vial: 57
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:28 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Handwritten: 104.28%
104.01%
104.40%
104.02%
102.90%
114.17%

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min) Rcv (Ar)
1) CI30 1,4-Dichlorobenzene-d	6.54	152	347816	40.00	ng	0.00 104.28%
20) CI40 Naphthalene-d8	8.44	136	1462962	40.00	ng	0.00 104.01%
35) CI50 Acenaphthene-d8	11.06	164	762072	40.00	ng	0.00 104.40%
56) CI60 Phenanthrene-d10	13.06	188	1327577	40.00	ng	0.00 104.02%
68) CI70 Chrysene-d12	15.69	240	1263493	40.00	ng	0.00 102.90%
78) CI75 Perylene-d12	16.95	264	1398393	40.00	ng	0.00 114.17%

System Monitoring Compounds

3) CS50 2-Fluorophenol	4.64	112	830555	58.84	ng	0.00
Spiked Amount	150.000	Range	21 - 110	Recovery	=	39.23%
5) CS45 Phenol-d5	6.05	99	780346	43.80	ng	0.01
Spiked Amount	150.000	Range	10 - 110	Recovery	=	29.20%
6) CS70 2-chlorophenol-d4	6.24	132	1223	0.09	ng	0.03
Spiked Amount	150.000	Range	33 - 110	Recovery	=	0.06%#
12) CS75 1,2-dichlorobenzene-d	0.00	152	0	0.00	ng	
Spiked Amount	100.000	Range	16 - 110	Recovery	=	0.00%#
21) CS20 Nitrobenzene-d5	7.38	82	1229013	87.03	ng	0.00
Spiked Amount	100.000	Range	34 - 114	Recovery	=	87.03%
39) CS25 2-Fluorobiphenyl	10.07	172	2114317	91.39	ng	0.00
Spiked Amount	100.000	Range	43 - 116	Recovery	=	91.39%
59) CS55 2,4,6-Tribromophenol	12.20	330	386877	146.74	ng	0.00
Spiked Amount	150.000	Range	10 - 123	Recovery	=	97.83%
71) CS30 Terphenyl-d14	14.74	244	2495533	94.02	ng	0.00
Spiked Amount	100.000	Range	33 - 141	Recovery	=	94.02%

Target Compounds

						Qvalue
2) C705 n-nitrosodidimethylam	2.78	74	452093	55.26	ng	99
4) C325 bis(2-Chloroethyl)eth	6.18	93	1158981	86.70	ng	# 74
8) C315 Phenol	6.07	94	661827	35.22	ng	# 54
8) C330 2-Chlorophenol	6.24	128	903033	71.82	ng	82
9) C320 aniline	6.07	93	1196796	54.76	ng	81
10) C335 1,3-Dichlorobenzene	6.46	146	911625	68.68	ng	100
11) C340 1,4-Dichlorobenzene	6.57	146	941026	69.69	ng	99
13) C350 1,2-Dichlorobenzene	6.79	146	890426	71.16	ng	94
14) C345 Benzyl alcohol	6.78	108	694680	82.34	ng	# 74
15) C360 bis(2-chloroisopropyl	6.99	45	2127485	89.45	ng	99
16) C355 2-Methylphenol	6.96	108	745257	61.82	ng	94
17) C375 Hexachloroethane	7.28	117	344806	72.03	ng	96
18) C370 N-Nitroso-di-n-propyl	7.18	70	910862	101.24	ng	# 75
19) C365 4-Methylphenol	7.20	108	710551	55.70	ng	99
22) C410 Nitrobenzene	7.40	77	1283226	91.97	ng	91
23) C415 Isophorone	7.77	82	2496716	95.90	ng	93
24) C430 benzoic acid	8.19	122	617504	156.93	ng	# 71
25) C420 2-Nitrophenol	7.88	139	587977	92.73	ng	87
26) C425 2,4-Dimethylphenol	7.99	107	839286	65.04	ng	98
27) C435 Bis(2-Chloroethoxy)me	8.13	93	1465529	98.38	ng	96
28) C440 2,4-Dichlorophenol	8.25	162	781384	84.47	ng	98

Data File : D:\DATA\103106\X12923.D
Acq On : 1 Nov 2006 6:14 am
Sample : A6C51210SD AW60034323
Misc :

Vial: 57
Operator: PM
Inst : HP5973X
Multiplr: 1.00

MS Integration Params: rteint.p
Quant Time: Nov 01 06:56:28 2006

Results File: 8270EQ.RES

Quant Method : C:\MSDCHEM\1\METHODS\8270EQ.M (RTE Integrator)
Title : 8270 BNA Calibration with EPC
Last Update : Wed Nov 01 06:53:55 2006
Response via : Initial Calibration
DataAcq Meth : CHLOROPYR
IS QA File : D:\DATA\103106\X12898.D (31 Oct 2006 8:12 pm)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
29) C445 1,2,4-Trichlorobenzen	8.36	180	795157	78.02	ng	97
30) C450 Naphthalene	8.47	128	3065586	85.72	ng	98
31) C455 4-Chloroaniline	8.58	127	1008085	66.46	ng	98
32) C460 Hexachlorobutadiene	8.66	225	362747	74.83	ng	95
33) C465 4-Chloro-3-methylphen	9.34	107	975319	86.66	ng	100
34) C470 2-Methylnaphthalene	9.51	142	1977232	86.82	ng	98
36) C510 Hexachlorocyclopentad	9.74	237	462295	88.38	ng	92
37) C515 2,4,6-Trichlorophenol	9.95	196	539086	92.06	ng	97
38) C520 2,4,5-Trichlorophenol	10.01	196	637054	99.65	ng	99
40) C525 2-Chloronaphthalene	10.23	162	1839739	94.14	ng	93
41) C530 2-Nitroaniline	10.42	65	811892	116.98	ng	85
42) C540 Acenaphthylene	10.84	152	3354547	101.18	ng	99
43) C535 Dimethylphthalate	10.72	163	2346922	103.41	ng	100
44) C542 2,6-Dinitrotoluene	10.80	165	562850	111.44	ng	96
45) C550 Acenaphthene	11.11	153	1921645	98.62	ng	98
46) C545 3-Nitroaniline	11.04	138	596804	92.25	ng	97
47) C555 2,4-Dinitrophenol	11.19	184	354318	125.08	ng	# 62
48) C565 Dibenzofuran	11.37	168	2730146	98.85	ng	89
49) C570 2,4-Dinitrotoluene	11.39	165	757144	106.64	ng	74
50) C560 4-Nitrophenol	11.36	109	144619	45.51	ng	# 1
51) C590 Fluorene	11.87	166	2304720	104.84	ng	98
52) C585 4-Chlorophenyl-phenyl	11.90	204	1057566	103.90	ng	96
53) C580 Diethylphthalate	11.78	149	2440616	109.29	ng	98
54) C620 1,2-diphenylhydrazine	12.11	77	2857362	109.12	ng	87
55) C595 4-Nitroaniline	11.95	138	690024	103.94	ng	86
57) C610 4,6-Dinitro-2-methylp	11.97	198	491982	137.24	ng	100
58) C615 n-Nitrosodiphenylamin	12.07	169	1058605	64.44	ng	95
60) C625 4-Bromophenyl-phenyle	12.54	248	593765	110.83	ng	# 83
61) C630 Hexachlorobenzene	12.59	284	586239	107.85	ng	79
62) C635 Pentachlorophenol	12.85	266	361540	107.13	ng	93
63) C640 Phenanthrene	13.09	178	3630810	112.35	ng	98
64) C645 Anthracene	13.15	178	3689096	112.32	ng	99
65) C647 carbazole	13.35	167	3120305	104.27	ng	97
66) C650 Di-n-butylphthalate	13.75	149	4248878	114.28	ng	99
67) C655 Fluoranthene	14.36	202	3764382	110.31	ng	96
69) C715 Pyrene	14.58	202	3937912	106.87	ng	97
70) C710 benzidine	14.51	184	553592	25.20	ng	99
72) C720 Butylbenzylphthalate	15.19	149	2067765	113.84	ng	97
73) C725 3,3'-Dichlorobenzidin	15.66	252	845113	61.13	ng	98
74) C730 Benzo[a]anthracene	15.68	228	3732760	113.19	ng	98
75) C735 Chrysene	15.72	228	3652095	111.97	ng	99
76) C740 bis(2-Ethylhexyl)phth	15.69	149	2714345	115.44	ng	92
77) C760 Di-n-octylphthalate	16.23	149	5354967	117.29	ng	99
79) C765 Benzo[b]fluoranthene	16.60	252	4176296	106.72	ng	97
80) C770 Benzo[k]fluoranthene	16.63	252	4051556	110.99	ng	97
81) C775 Benzo[a]pyrene	16.90	252	3911604	107.54	ng	98
82) C780 Indeno[1,2,3-cd]pyr	0.00	276	0	N.D.		
83) C785 Dibenz[a,h]anthrace	0.00	278	0	N.D.		
84) C790 Benzo[g,h,i]perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

IL Buffalo
ate: 11/06/2006
ime: 12:09:16

Organic Prep Log Book
(3510C) 8270 H2O
A6B28816 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 10/25/2006 EKD

Date Cleanup/Initials: _____

Extraction Type: SEPF or CLIE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 10/25/2006 MR

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)
A6B28816	A6B2881601		MSB	AW60034311	ASP00	SW8463	8270	A00001	A00193		5.00	1000.0000	1.00
A6B28816	A6B2881602		MELK	AW60034312	ASP00	SW8463	8270	A00001			5.00	1000.0000	1.00
A06-C512	A6C51201	A	FS	AW60034313	ASP00	SW8463	8270	A00001			5.00	1035.0000	1.00
A06-C512	A6C51202	A	FS	AW60034314	ASP00	SW8463	8270	A00001			5.00	1035.0000	1.00
A06-C512	A6C51203	A	FS	AW60034315	ASP00	SW8463	8270	A00001			5.00	1040.0000	1.00
A06-C512	A6C51204	A	FS	AW60034316	ASP00	SW8463	8270	A00001			5.00	1035.0000	1.00
A06-C512	A6C51205	A	FS	AW60034317	ASP00	SW8463	8270	A00001			5.00	1030.0000	1.00
A06-C512	A6C51206	A	FS	AW60034318	ASP00	SW8463	8270	A00001			5.00	1035.0000	1.00
A06-C512	A6C51208	A	FS	AW60034319	ASP00	SW8463	8270	A00001			5.00	1030.0000	1.00
A06-C512	A6C51209	A	FS	AW60034320	ASP00	SW8463	8270	A00001			5.00	1030.0000	1.00
A06-C512	A6C51210	A	FS	AW60034321	ASP00	SW8463	8270	A00001			5.00	1040.0000	1.00
A06-C512	A6C51210MS	A	MS	AW60034322	ASP00	SW8463	8270	A00001	A00193		5.00	1040.0000	1.00
A06-C512	A6C51210SD	A	SD	AW60034323	ASP00	SW8463	8270	A00001	A00193		5.00	1040.0000	1.00
A06-C512	A6C51211	A	FS	AW60034324	ASP00	SW8463	8270	A00001			5.00	1040.0000	1.00
A06-C512	A6C51212	A	FS	AW60034325	ASP00	SW8463	8270	A00001			5.00	1040.0000	1.00
A06-C512	A6C51213	A	FS	AW60034326	ASP00	SW8463	8270	A00001			5.00	1040.0000	1.00

TL Buffalo
 Date: 11/06/2006
 Time: 12:09:16

Organic Prep Log Book
 (3510C) 8270 H2O
 A6B28816 (Closed)

Rept: AN0501

Surrogate Amount: 1000.00 ul

Matrix Spike Amount: 1000.00 ul

Date Ext/Initials: 10/25/2006 EKD

Date Cleanup/Initials: _____

Extraction Type: SEPF or CLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 10/25/2006 MR

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)
A06-C512	A6C51214	A	FS	AW60034327	ASP00	SW8463	8270	A00001			5.00	1030.0000	1.00
A06-C512	A6C51215	A	FS	AW60034328	ASP00	SW8463	8270	A00001			5.00	1040.0000	1.00
A6B28816	A6B2881601		MSB	AW60034311	ASP8270	SW8463	8270	A00001	A00193		5.00	1000.0000	1.00
A6B28816	A6B2881602		MELK	AW60034312	ASP8270	SW8463	8270	A00001			5.00	1000.0000	1.00
A06-B865	A6B86506RE	B	RE	AW60034329	ASP8270	SW8463	8270	A00001			5.00	1040.0000	1.00
A06-B865	A6B86512RE	B	RE	AW60034330	ASP8270	SW8463	8270	A00001			5.00	1050.0000	1.00

Comments:

L Buffalo
ite: 10/25/2006
me: 16:29:06

Organic Prep Log Book
(3510C) 8270 H2O
A6B28816

Rept: AN0501

SURROGATE
Expiration Date: 4-11-07
Prepared by: CM
Spiked by: GLS
Witnessed by: GLS

1000.00 ul

MATRIX SPIKE
Expiration Date: 4-30-07
Prepared by: CM
Spiked by: GLS
Witnessed by: GLS

1000.00 ul

MeCl2: C37EL68
Acetone: 1016-06
Hexane: 1016-06
Na2SO4: 1016-06
1:1 H2SO4: 1016-06
10 N NaOH: 1016-06

Date Ext/Initials: 10/25/2006 SKD

Date Cleanup/Initials:

Extraction Type: (SEPP) or CLIE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 10/25/2006 MZ

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)
A6B28816	A6B2881601		MSB	AW60034311	ASP00	SW8463	8270	A00001	A00193	<u>Clear</u>	5	1000	1.0
A6B28816	A6B2881602		MELK	AW60034312	ASP00	SW8463	8270	A00001		<u>↓</u>	<u>↓</u>	<u>↓</u>	
A06-C512	A6C51201	<u>A</u>	FS	AW60034313	ASP00	SW8463	8270	A00001		<u>brown</u>	5	1035	
A06-C512	A6C51202		FS	AW60034314	ASP00	SW8463	8270	A00001		<u>↓</u>		1035	
A06-C512	A6C51203		FS	AW60034315	ASP00	SW8463	8270	A00001		<u>tan</u>		1040	
A06-C512	A6C51204		FS	AW60034316	ASP00	SW8463	8270	A00001		<u>yellow</u>		1035	
A06-C512	A6C51205		FS	AW60034317	ASP00	SW8463	8270	A00001		<u>↓</u>		1030	
A06-C512	A6C51206		FS	AW60034318	ASP00	SW8463	8270	A00001		<u>brown</u>		1035	
A06-C512	A6C51208		FS	AW60034319	ASP00	SW8463	8270	A00001		<u>light yellow</u>		1030	
A06-C512	A6C51209		FS	AW60034320	ASP00	SW8463	8270	A00001		<u>light brown</u>		1040	
A06-C512	A6C51210		FS	AW60034321	ASP00	SW8463	8270	A00001		<u>↓</u>		1040	
A06-C512	A6C51210MS		MS	AW60034322	ASP00	SW8463	8270	A00001	A00193			1040	
A06-C512	A6C51210SD		SD	AW60034323	ASP00	SW8463	8270	A00001	A00193			1040	
A06-C512	A6C51211		FS	AW60034324	ASP00	SW8463	8270	A00001		<u>clear</u>		1040	
A06-C512	A6C51212		FS	AW60034325	ASP00	SW8463	8270	A00001		<u>yellow</u>	<u>↓</u>	1040	
A06-C512	A6C51213		FS	AW60034326	ASP00	SW8463	8270	A00001				1040	<u>↓</u>

415/426

L Buffalo
te: 10/25/2006
me: 16:29:06

Organic Prep Log Book
(3510C) 8270 H2O
A6B28816

Rept: AN0501

SURROGATE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____

MATRIX SPIKE
Expiration Date: _____
Prepared by: _____
Spiked by: _____
Witnessed by: _____

MeCl2: _____
Acetone: _____
Hexane: _____
Na2SO4: _____
1:1 H2SO4: _____
10 N NaOH: _____

0.00 ul

0.00 ul

Date Ext./Initials: 10/25/2006

Date Cleanup/Initials:

Extraction Type: SEPF or CLLE (circle one)

AQUEOUS EXTRACTIONS

Date Conc/Initials: 10/25/2006

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)
06-C512	A6C51214	A	FS	AW60034327	ASP00	SW8463	8270	A00001		light yellow	5	1030	1.0
06-C512	A6C51215	↓	FS	AW60034328	ASP00	SW8463	8270	A00001		↓	↓	1040	↓
6B28816	A6B2881601		MSB	AW60034311	ASP8270	SW8463	8270	A00001	A00193	clear	5	1000	
6B28816	A6B2881602		MELK	AW60034312	ASP8270	SW8463	8270	A00001		↓	↓	↓	
06-B865	A6B86506RE	B	RE	AW60034329	ASP8270	SW8463	8270	A00001		clear	5	1040	
06-B865	A6B86512RE	↓	RE	AW60034330	ASP8270	SW8463	8270	A00001		↓	↓	1050	↓

Comments: Gas Flow checked. 2KJ 10-25-06

416/426

GCMS SEMIVOLATILE INJECTION LOG 000064

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ. VOL.	F.V.	DF	NG I.S.	I.S. I.D.
10/30/06	0832	C2	X 12821	D1786.50mg	SL 26-9D	—	1.00	—	—	—	—
	1039		X 12822	5580010	270 (10/8/06)						
	1044		X 12823	100							
	1109		X 12824	180							
	1152		X 12825	120							
	1158		X 12826	160							
	1223		X 12827	Chrom. 6.158000	2nd SL (9/27/06)						
	1240		X 12828	5580000	ADP (3/1/06)						
	1247		X 12829	1453	AD 60037094	C42.3		100	1	40	529-3
	1286		X 12830	14580	036						
	1739		X 12831	503001	035						
	1741		X 12832	AGC 42301	037						
	1744		X 12833	102	038						
	1807		X 12834	AGC 086012L	362	C096					
	1833		X 12835	DFRP.50mg	SL 26-9D	—					
	1854		X 12836	5170000	8170 (80/10/06)	—					
	1619		X 12837	14513	AD 60037094	B5336174		100	1	40	529-3
	1642		X 12838	14550	091						
	1704		X 12839	503052	092						
	1727		X 12840	AGC 32108093000	096						
	1750		X 12841	05	097						
	1812		X 12842	06	098						
	1836		X 12843	AGC 32108093000	099	B533					
	1859		X 12844	AGC 17401	100	C179					
	1921		X 12845	01	101						
	1947		X 12846	03	102						
	2000		X 12847	04	103						
	2030		X 12848	14513	147	C330					
	2054		X 12849	14520	148						
	2117		X 12850	5580000	149						
	2140		X 12851	AGC 32001	150						
	2202		X 12852	01	151						
	2225		X 12853	03	152						
	2248		X 12854	04	153						
	2311		X 12855	05	154						

SEVERN TRENT LABORATORIES

REVIEWED BY

117/126

COMMENTS

No. 12 / No. 250 / PM 4:41
Date 2089 / 122-094 KCS
ACC 6617No. 250 / No. 250 / PM 4:41
ACC 6617 / C-6636 KCS

DATE

GCMS SEMIVOLATILE INJECTION LOG 000066

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #X- INJ.VOL.	FV	DF	NG I.S.	I.S. I.D.
10/30/06	1338		X12806	ALC 33009	ALC 013410	13370	1.01	1	40	509.3
10/31/06	2207		X12807							
10/31/06	0020		X12808							
	0043		X12809							
	0100		X12810							
	0125		X12811							
	0162		X12812							
	0211		X12813							
	0238		X12814	ALC 01087 14 P. 10/31/06	12087					
	0302		X12815							
	0322		X12816							
10/31/06	0747		X12817	DP 01100	5C 26-90	1.01				
	0757		X12818	557200	557200 (3/10/06)					
	0845		X12819	557200	557200 (3/10/06)					
	0900		X12820	557200	557200 (4/6/06)					
	0914		X12821	ALC 010610	ALC 010610					
	0935		X12822	ALC 010610	ALC 010610					
	1004		X12823	557200	557200 (3/10/06)					
	1029		X12824	ALC 010610	ALC 010610					
	1053		X12825							
	1118		X12826	ALC 010402	ALC 010338 23	1104				
	1143		X12827	ALC 010402	ALC 010338 31	1104				
	1200		X12828	557200	557200					
	1233		X12829	ALC 010610	ALC 010610					
	1257		X12830							
	1312		X12831							
	1347		X12832							
	1411		X12833							
	1436		X12834							
	1501		X12835							
	1526		X12836	ALC 010610	ALC 010338 19	1104				
	1650		X12837	557200	557200					
	1615		X12838	ALC 010610	ALC 010610					
	1640		X12839							
	1704		X12840	ALC 010610	ALC 010610					

SEVERN TRENT LABORATORIES

REVIEWED BY

419/426

000067

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS

Ab 4.8 / 6.063g / DM 2.81
P6C 663B

420/426

DATE

GC/MS SEMIVOLATILE INJECTION LOG

11/11/06

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	FV.	DF	NGI.S.	I.S. I.D.
10/31/06	17:29	P2	X 12851	ALC 6060145	ALC 6060145	C006	1.00	1.00	1	40	C229-3
	17:49		X 12852	0150	21						
	18:11		X 12853	02	21						
	18:43		X 12854	03	21						
	19:08		X 12855	04	21						
	19:33		X 12856	05	21						
	19:51		X 12857	DEF 2115021	5 (21-9D)						
	20:12		X 12858	55570052	200 (21-9D)						
	20:36		X 12859	55570052	APR (21-9D)						
	21:01		X 12860	55570052	APR (21-9D)						
	21:26		X 12861	55570052	APR (21-9D)						
	21:51		X 12862	55570052	APR (21-9D)						
	22:15		X 12863	ALC 577601	501						
	22:40		X 12864	02	502						
	22:05		X 12865	03	503						
	22:30		X 12866	04	504						
	22:54		X 12867	04	505						
	00:19		X 12868	04	506						
	00:44		X 12869	ALC 41801	501						
	01:09		X 12870	02	222						
	01:34		X 12871	03	223						
	01:59		X 12872	04	224						
	02:24		X 12873	ALC 577601	213						
	02:49		X 12874	02	214						
	03:10		X 12875	03	215						
	03:33		X 12876	04	216						
	03:56		X 12877	05	217						
	04:19		X 12878	06	218						
	04:42		X 12879	07	219						
	05:05		X 12880	08	220						
	05:29		X 12881	09	221						
	05:51		X 12882	10	222						
	06:14		X 12883	1008	322						
	06:37		X 12884	1010	323						
	06:59		X 12885	11	324						
	07:24		X 12886	12	325						

SEVERN TRENT LABORATORIES

REVIEWED BY

000069

GCMS SEMIVOLATILE INJECTION LOG

COMMENTS

No L-15 / No L-16 / No L-17
No L-18 / No L-19 / No L-20

Needle PLE - No L-15 for PLE

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ.VOL.	F.V.	DF	NG I.S.	I.S. I.D.
11/1/06	0702	(2)	X 12926	AB C 51213	AW60074325	C512	1.00	1.00	1	40	5028-3
	0745		X 12927	/ 11	27	/	/	/	1	1	1
	0952		X 12928	/ 11	28	/	/	/	1	1	1
	0915		X 12929	DF-TPB 5002	5026-50	-	1.00	-	-	-	-
	0934		X 12930	5510050	80700 (10/10/06)	-	-	-	-	-	-
	1002		X 12931	AKS-2	AKS60037128	C527	1.00	1.00	1	40	5028-4
	1027		X 12932	122201	25	/	/	/	1	1	1
	1052		X 12933	AB C 52702	30	/	/	/	5	1	1
	1116		X 12934	0241	31	/	/	/	1	1	1
	1141		X 12935	0250	32	/	/	/	1	1	1
	1206		X 12936	04	33	/	/	/	10	10	10
	1222		X 12937	05	34	/	/	/	10	10	10
	1254		X 12938	08	35	/	/	/	5	5	5
	1219		X 12939	10	36	/	/	/	1	1	1
	1344		X 12940	12	37	/	/	/	1	1	1
	1409		X 12941	14	38	/	/	/	1	1	1
	1432		X 12942	16	39	/	/	/	1	1	1
	1458		X 12943	18	40	/	/	/	1	1	1
	1523		X 12944	AB C 1215	AW60084528	C512	1.00	1.00	1	40	5028-5
	1551		X 12945	AW50	AW60023301	C258	1.00	1.00	1	40	5028-6
	1616		X 12946	513402	02	/	/	/	5	5	5
	1641		X 12947	AB C 17401RE	03	/	/	/	5	5	5
	1705		X 12948	02 RE	04	/	/	/	5	5	5
	1730		X 12949	03 RE	05	/	/	/	10	10	10
	1858		X 12950	04 RE	06	/	/	/	5	5	5
	1919		X 12951	AB C 125801RE	07	/	/	/	5	5	5
	1944		X 12952	03 RE	08	/	/	/	10	10	10
	1909		X 12953	04 RE	09	/	/	/	5	5	5
	1933		X 12954	05 RE	10	/	/	/	20	20	20
	1968		X 12955	06 RE	11	/	/	/	10	10	10
	2023		X 12956	07 RE	12	/	/	/	1	1	1
	2048		X 12957	08 RE	13	/	/	/	1	1	1
	2112		X 12958	09 RE	14	/	/	/	1	1	1

SEVERN TRENT LABORATORIES

REVIEWED BY

COMMENTS

NR Fast + w
Meth / 1000 mg / 1000 mg
AC 6674

NR
Packed with TLC ready

DATE

DATE	TIME	ANALYST	FRN	SAMPLE ID	VIAL #/Standard #	JOB #	INJ VOL	FV	DF	NG I.S.	I.S. I.D.
11/1/06	0702	2	X 12926	AB C 51213	AW60074325	C512	1.00	1.00	1	40	50283
	0745		X 12927	11	27						
	0952		X 12928	11	28						
	0915		X 12929	DF 100 3043	SC 26.90		60				
	0934		X 12930	55102050	827000 (10/10/06)						
	1002		X 12931	AKS.2	AS60037128	C527					
	1027		X 12932	1222.01	29						
	1052		X 12933	AB C 52702	30						
	1116		X 12934	0241	31						
	1141		X 12935	050	32						
	1206		X 12936	04	33						
	1232		X 12937	05	34				10		
	1254		X 12938	08	35				10		
	1219		X 12939	10	36				5		
	1344		X 12940	12	37						
	1409		X 12941	14	38						
	1432		X 12942	16	39						
	1458		X 12943	18	40						
	1523		X 12944	AB C 51215	AW60034528	C512					
	1551		X 12945	AW 50	AS60023301	C258					
	1616		X 12946	513002							
	1641		X 12947	AB C 17401813		C124					
	1705		X 12948	02 RE							
	1730		X 12949	03 RE							
	1805		X 12950	04 RE							
	1819		X 12951	AB C 25801813		C258					
	1844		X 12952	03 RE							
	1909		X 12953	04 RE							
	1933		X 12954	07 RE							
	1958		X 12955	08 RE							
	2023		X 12956	09 RE							
	2048		X 12957	11 RE							
	2112		X 12958	12 RE							

SEVERN TRENT LABORATORIES

REVIEWED BY

COMMENTS

NB. Fact + in
Mott / Mott / P Mott #1
ACC 6634

NB.
P. Mott with TLL Mott

DATE



STL

STL Buffalo

10 Hazelwood Drive, Suite 106
Amherst, NY 14228

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

Letter of transmittal

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

** Resubmitted data to include
cis & trans-1,2-DCE and
1,1-DCE.*

Attention: Marc Flanagan

From: Lisa Shaffer – STL Buffalo

Date: 1/18/2007

Hi Marc,

I have included replacement pages for our report A06-C512. They are numbered for insertion into the original report. If you have any questions, please let Candy or myself know.

Thank you,

Lisa

Message: We have retained one original for our files. Please call me at 716-504-9816 if you have any questions or require additional information. I may also be reached via e-mail at: lshaffer@stl-inc.com

This message contains information intended only for the use of the person named above. It may also be confidential and/or privileged. If you are not the intended recipient of this message you are hereby notified that you must not take any action in reliance on it. If you have received this message in error please contact STL. The views expressed in this fax are not necessarily those of the Company or STL, Inc.

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

10/426

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: A6C51201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6563.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	7	
156-59-2-----	cis-1,2-Dichloroethene	0.3	J
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

11/426

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: A6C51202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6564.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

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

CAS NO.	COMPOUND	UG/L	Q
71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	1	
75-34-3-----	1,1-Dichloroethane	1	
156-59-2-----	cis-1,2-Dichloroethene	3	
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	0.3	J
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

12/426

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: A6C51203

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6565.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

13/426

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: A6C51204

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6566.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	0.5	J
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

14/426

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: A6C51205

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6567.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

15/426

Client No.

Duplicate

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51206

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6568.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

16/426

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: A6C51207

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6569.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

17/426

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: A6C51208

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6570.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

18/426

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: A6C51209

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6571.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(ug/L or ug/Kg)

UG/L

Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	0.7	J
75-34-3-----	1,1-Dichloroethane	1	U
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

19/426

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: A6C51210

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6572.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

20/426

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: A6C51211

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6576.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	0.9	J
75-34-3-----	1,1-Dichloroethane	1	U
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

21/426

Client No.

MW-2

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51212

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6577.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

22/426

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: A6C51213

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6578.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

23/426

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: A6C51214

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6584.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	0.3	J
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

24/426

Client No.

MW-9/10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51215

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6592.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

25/426

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: A6C51217

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6594.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/31/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

48/426

Client No.

VBLK95

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B2912202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6561.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

50/426

Client No.

vblk96

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B2918202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6591.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

85/426

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: A6C51201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6563.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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	7	
156-59-2-----	cis-1,2-Dichloroethene	0.3	J
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

93/426

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: A6C51202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6564.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	1	
75-34-3-----	1,1-Dichloroethane	1	
156-59-2-----	cis-1,2-Dichloroethene	3	
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	0.3	J
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

102/426

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: A6C51203

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6565.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

109/426

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: A6C51204

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6566.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	0.5	J
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

115/426

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: A6C51205

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6567.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

120/426

Client No.

Duplicate

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51206

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6568.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

125/426

Client No.

Field Blank

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51207

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6569.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

130/426

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: A6C51208

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6570.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

136/426

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: A6C51209

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6571.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	0.7	J
75-34-3-----	1,1-Dichloroethane	1	U
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

142/426

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: A6C51210

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6572.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

147/426

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: A6C51211

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6576.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

71-55-6-----	1,1,1-Trichloroethane	1	U
127-18-4-----	Tetrachloroethene	0.9	J
75-34-3-----	1,1-Dichloroethane	1	U
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

153/426

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: A6C51212

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6577.RR

Level: (low/med) LOW

Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.53 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

159/426

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: A6C51213

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6578.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

164/426

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: A6C51214

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6584.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	0.3	J
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

170/426

Client No.

MW-9/10

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51215

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6592.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

176/426

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: A6C51217

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6594.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/31/2006

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

219/426

Client No.

VBLK95

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B2912202

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6561.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

225/426

Client No.

vblk96

Lab Name: STL Buffalo

Contract: _____

Lab Code: RECNY

Case No.: _____

SAS No.: _____

SDG No.: _____

Matrix: (soil/water) WATER

Lab Sample ID: A6B2918202

Sample wt/vol: 5.00 (g/mL) ML

Lab File ID: G6591.RR

Level: (low/med) LOW

Date Samp/Recv: _____

% Moisture: not dec. _____ Heated Purge: N

Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.18 (mm)

Dilution Factor: 1.00

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.

COMPOUND

(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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

232/426

Client No.

Volatile Holding Blk

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51216

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6593.RR

Level: (low/med) LOW Date Samp/Recv: 10/25/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

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

CONCENTRATION UNITS:

CAS NO. COMPOUND (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
156-59-2-----	cis-1,2-Dichloroethene	1	U
156-60-5-----	trans-1,2-Dichloroethene	1	U
75-35-4-----	1,1-Dichloroethene	1	U
79-01-6-----	Trichloroethene	1	U
108-90-7-----	Chlorobenzene	1	U
75-00-3-----	Chloroethane	1	U
108-88-3-----	Toluene	1	U
75-01-4-----	Vinyl chloride	1	U

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

238/426

Client No.

LCS95

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B2912201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6560.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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	5	
127-18-4-----	Tetrachloroethene	5	
75-34-3-----	1,1-Dichloroethane	5	
156-59-2-----	cis-1,2-Dichloroethene	5	
156-60-5-----	trans-1,2-Dichloroethene	5	
75-35-4-----	1,1-Dichloroethene	5	
79-01-6-----	Trichloroethene	5	
108-90-7-----	Chlorobenzene	5	
75-00-3-----	Chloroethane	5	
108-88-3-----	Toluene	5	
75-01-4-----	Vinyl chloride	5	

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

242/426

Client No.

msb96

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6B2918201

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6590.RR

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

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

GC Column: DB-624 ID: 0.18 (mm) Dilution Factor: 1.00

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

CAS NO.	COMPOUND	CONCENTRATION UNITS:		Q
		(ug/L or ug/Kg)	UG/L	
71-55-6-----	1,1,1-Trichloroethane		5	
127-18-4-----	Tetrachloroethene		5	
75-34-3-----	1,1-Dichloroethane		5	
156-59-2-----	cis-1,2-Dichloroethene		5	
156-60-5-----	trans-1,2-Dichloroethene		5	
75-35-4-----	1,1-Dichloroethene		6	
79-01-6-----	Trichloroethene		5	
108-90-7-----	Chlorobenzene		5	
75-00-3-----	Chloroethane		5	
108-88-3-----	Toluene		5	
75-01-4-----	Vinyl chloride		4	

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

246/426

Client No.

ME-18

Lab Name: STL Buffalo Contract: _____

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

Matrix: (soil/water) WATER Lab Sample ID: A6C51210MS

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6573.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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	5	
127-18-4-----	Tetrachloroethene	5	
75-34-3-----	1,1-Dichloroethane	5	
156-59-2-----	cis-1,2-Dichloroethene	5	
156-60-5-----	trans-1,2-Dichloroethene	5	
75-35-4-----	1,1-Dichloroethene	5	
79-01-6-----	Trichloroethene	5	
108-90-7-----	Chlorobenzene	5	
75-00-3-----	Chloroethane	6	
108-88-3-----	Toluene	5	
75-01-4-----	Vinyl chloride	5	

ASP 2000 - VOLATILES
ANALYSIS DATA SHEET

250/426

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: A6C51210SD

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: G6574.RR

Level: (low/med) LOW Date Samp/Recv: 10/24/2006 10/25/2006

% Moisture: not dec. _____ Heated Purge: N Date Analyzed: 10/30/2006

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:		Q
		(ug/L or ug/Kg)	UG/L	
71-55-6-----	1,1,1-Trichloroethane		4	
127-18-4-----	Tetrachloroethene		4	
75-34-3-----	1,1-Dichloroethane		4	
156-59-2-----	cis-1,2-Dichloroethene		4	
156-60-5-----	trans-1,2-Dichloroethene		4	
75-35-4-----	1,1-Dichloroethene		4	
79-01-6-----	Trichloroethene		4	
108-90-7-----	Chlorobenzene		4	
75-00-3-----	Chloroethane		5	
108-88-3-----	Toluene		4	
75-01-4-----	Vinyl chloride		5	

APPENDIX B

***ANALYTICAL RESULTS – SOIL VAPOR EXTRACTION
SYSTEM***

(October 24, 2006)

Original Chain of Custody Documentation

STL Knoxville

5815 Middlebrook Pike

Knoxville, TN 37921

phone 865-291-3000 fax 865-584-4315

Canister Samples Chain of Custody Record

H6J25011D

SEVERN
TRENT

STL

Severn Trent Laboratories, Inc. (STL) assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information		Project Manager: <u>Dan Lanners</u>		SAMPLED BY: <u>M. Flanagan</u>		1 of 1 COCs													
Company: <u>Shaw Environmental</u>		Phone:																	
Address: <u>13 British American Blvd</u>		Site Contact:																	
City/State/Zip: <u>Latham, NY 12110</u>		STL Contact:																	
Phone: <u>(518) 783-1996</u>																			
FAX: <u>(518) 783-8397</u>																			
Project Name: <u>Flagship</u>		Analysis Turnaround Time																	
Site: <u>Dutchess County Airport</u>		☒ Standard ☐ (Specify)																	
PO #		Rush (Specify)																	
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
System Influent	10/24/06	848	1259	-30	-6	K260	12835	X											
System Effluent	10/24/06	844	1257	-28	-22	K161	1425	X											
		Temperature (Fahrenheit)				NO CUSTODY SEALS RECEIVED AT AMBIENT TEMP BKS 10-25-06 1 BOX FAX # 8553 8920 8902													
	Interior	Ambient																	
Start																			
Stop																			
		Pressure (inches of Hg)				2 CANS / 2 FLOWS													
	Interior	Ambient																	
Start																			
Stop																			
Special Instructions/QC Requirements & Comments: <u>Site Specific Analyte List (1)</u>																			
Canisters Shipped by: <u>MAL</u>		Date/Time: <u>10/24/06 1600</u>		Canisters Received by:															
Samples Relinquished by:		Date/Time:		Received by: <u>Bryan Danner</u>		10-25-06 0945													
Relinquished by:		Date/Time:		Received by:															

Lab Use Only

Shipper Name:

Opened by:

Condition:

H6J250110 Analytical Report	1
Sample Receipt Documentation	10
Total Number of Pages	11



STL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921

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

ANALYTICAL REPORT

Flagship

Lot #: H6J250110

Dan Lanners

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

SEVERN TRENT LABORATORIES, INC.

A handwritten signature in black ink, appearing to read "Jamie A. McKinney".

Jamie A. McKinney
Project Manager

November 7, 2006

ANALYTICAL METHODS SUMMARY

H6J250110

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
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

H6J250110

WO #	SAMPLE#	CLIENT	SAMPLE ID	SAMPLED DATE	SAMP TIME
JG6RH	001	SYSTEM	INFLUENT	10/24/06	12:59
JG6RK	002	SYSTEM	EFFLUENT	10/24/06	12:57

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

H6J250110

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

Custody seals were not present upon sample receipt at STL Knoxville.

Quality Control and Data Interpretation

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

STL Knoxville maintains the following certifications, approvals and accreditations: Arkansas DEQ Cert. #05-043-0, California DHS ELAP Cert. #2423, Colorado DPHE, Connecticut DPH Cert. #PH-0223, Florida DOH Cert. #E87177, Georgia DNR Cert. #906, Hawaii DOH, Illinois EPA Cert. #000687, Indiana DOH Cert. #C-TN-02, Iowa DNR Cert. #375, Kansas DHE Cert. #E-10349, Kentucky DEP Lab ID #90101, Louisiana DEQ Cert. #03079, Louisiana DOHH Cert. #LA030024, Maryland DHMH Cert. #277, Massachusetts DEP Cert. #M-TN009, Michigan DEQ Lab ID #9933, New Jersey DEP Cert. #TN001, New York DOH Lab #10781, North Carolina DPH Lab ID #21705, North Carolina DEHNR Cert. #64, Ohio EPA VAP Cert. #CL0059, Oklahoma DEQ ID #9415, Pennsylvania DEP Cert. #68-00576, South Carolina DHEC Lab ID #84001001, Tennessee DOH Lab ID #02014, Utah DOH Cert. # QUAN3, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, West Virginia DEP Cert. #345, Wisconsin DNR Lab ID #998044300, Naval Facilities Engineering Service Center and USDA Soil Permit #S-46424. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

Shaw E & I Inc

Client Sample ID: SYSTEMINFLUENT

GC/MS Volatiles

Lot-Sample #....: H6J250110-001 Work Order #....: JG6RH1AA Matrix.....: AIR
 Date Sampled....: 10/24/06 Date Received...: 10/25/06
 Prep Date.....: 10/31/06 Analysis Date...: 10/31/06
 Prep Batch #....: 6305194
 Dilution Factor: 1 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	1.2	ppb (v/v)
Tetrachloroethene	0.60	0.50	ppb (v/v)
Toluene	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	98	(70 - 130)
Toluene-d8	105	(70 - 130)
4-Bromofluorobenzene	89	(70 - 130)

Shaw E & I Inc

Client Sample ID: SYSTEMEFFLUENT

GC/MS Volatiles

Lot-Sample #....: H6J250110-002 Work Order #....: JG6RK1AA Matrix.....: AIR
 Date Sampled....: 10/24/06 Date Received...: 10/25/06
 Prep Date.....: 10/31/06 Analysis Date...: 10/31/06
 Prep Batch #....: 6305194
 Dilution Factor: 1 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	1.2	ppb (v/v)
Tetrachloroethene	ND	0.50	ppb (v/v)
Toluene	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	96	(70 - 130)
Toluene-d8	105	(70 - 130)
4-Bromofluorobenzene	96	(70 - 130)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H6J250110
 MB Lot-Sample #: H6K010000-194

Work Order #...: JHNE51AA

Matrix.....: AIR

Analysis Date...: 10/31/06
 Dilution Factor: 1

Prep Date.....: 10/31/06

Prep Batch #...: 6305194

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Chlorobenzene	ND	0.20	ppb (v/v)	EPA-2 TO-15
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
Naphthalene	ND	0.50	ppb (v/v)	EPA-2 TO-15
Tetrachloroethene	ND	0.20	ppb (v/v)	EPA-2 TO-15
Toluene	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

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
1,2-Dichloroethane-d4	99	(70 - 130)
Toluene-d8	103	(70 - 130)
4-Bromofluorobenzene	99	(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 #....: H6J250110 Work Order #....: JHNE51AC Matrix.....: AIR
 LCS Lot-Sample#: H6K010000-194
 Prep Date.....: 10/31/06 Analysis Date...: 10/31/06
 Prep Batch #....: 6305194
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
Chlorobenzene	90	(70 - 130)	EPA-2 TO-15
1,1-Dichloroethene	94	(70 - 130)	EPA-2 TO-15
Toluene	79	(70 - 130)	EPA-2 TO-15
Trichloroethene	97	(70 - 130)	EPA-2 TO-15
Benzene	83	(70 - 130)	EPA-2 TO-15

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	96	(70 - 130)
4-Bromofluorobenzene	105	(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 #....: H6J250110 Work Order #....: JHNE51AC Matrix.....: AIR
 LCS Lot-Sample#: H6K010000-194
 Prep Date.....: 10/31/06 Analysis Date...: 10/31/06
 Prep Batch #....: 6305194
 Dilution Factor: 1

<u>PARAMETER</u>	<u>SPIKE</u> <u>AMOUNT</u>	<u>MEASURED</u> <u>AMOUNT</u>	<u>UNITS</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>METHOD</u>
Chlorobenzene	10.0	9.05	ppb (v/v)	90	EPA-2 TO-15
1,1-Dichloroethene	10.0	9.37	ppb (v/v)	94	EPA-2 TO-15
Toluene	10.0	7.92	ppb (v/v)	79	EPA-2 TO-15
Trichloroethene	10.0	9.75	ppb (v/v)	97	EPA-2 TO-15
Benzene	10.0	8.31	ppb (v/v)	83	EPA-2 TO-15

<u>SURROGATE</u>	<u>PERCENT</u> <u>RECOVERY</u>	<u>RECOVERY</u> <u>LIMITS</u>
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	96	(70 - 130)
4-Bromofluorobenzene	105	(70 - 130)

NOTE(S) :

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

Bold print denotes control parameters

5815 Middlebrook Pike
Knoxville, TN 37921
phone 865-291-3000 fax 865-584-4315

1465250110

SEVERN
TRENT

STI

Sewern Trent Laboratories, Inc. (STL) assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information							Project Manager: Dan Lanners						SAMPLED BY: M. Flanagan						I of I COCs						
Company: Shaw Environmental							Phone:																		
Address: 13 British American Blvd							Site Contact:																		
City/State/Zip: Latham, NY 12110							STL Contact:																		
Phone: (518) 783-1996																									
FAX: (518) 783-8397																									
Project Name: Flagship																									
Site: Dutchess County Airport																									
PO #																									
Sample Identification							Sample Date(s)	Time Start	Time Stop	Canister Vacuum In Field, "Hg (Start)	Canister Vacuum In Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
System Influent							10/24/06	848	1259	-30	-6	K260	12835	X											
System Effluent							10/24/06	844	1257	-28	-22	K161	1425	X											
							Temperature (Fahrenheit)						NO CUSTODY SEALS RECEIVED AT AMBIENT TEMP BKN 10-25-06 1 BOX FOX# 8553 8920 8902 2 UANS / 2 FLOWS												
							Interior		Ambient																
							Start																		
							Stop																		
							Pressure (Inches of Hg)																		
							Interior		Ambient																
							Start																		
							Stop																		
Special Instructions/QC Requirements & Comments: Site Specific Analyte List (1)																									
Canisters Shipped by: [Signature]							Date/Time: 10/24/06 1600					Canisters Received by:													
Samples Relinquished by:							Date/Time:					Received by: [Signature] 10-25-06 0945													
Relinquished by:							Date/Time:					Received by:													
Lab Use Only Shipper Name: Opened by: Condition:																									

STL KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST

Client: SHAW E+I

Project: FLAGSHIP

Lot Number: H6525D110

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Do sample container labels match COC? (IDs, Dates, Times)	☒			☐ 1a Do not match COC ☐ 1b Incomplete information ☐ 1c Marking smeared ☐ 1d Label torn ☐ 1e No label ☐ 1f COC not received ☐ 1g Other:	
2. Is the cooler temperature within limits? (> freezing temp. of water to 6°C; NC, 1668, 1613B: 0-4°C; VOST: 10°C; MA: 2-6°C)			☒	☐ 2a Temp Blank = _____ ☐ 2b Cooler Temp = _____	
3. Were samples received with correct chemical preservative (excluding Encore)?			☒	☐ 3a Sample preservative = _____	
4. Were custody seals present/intact on cooler and/or containers?		☒		☒ 4a Not present ☐ 4b Not intact ☐ 4c Other:	
5. Were all of the samples listed on the COC received?	☒			☐ 5a Samples received-not on COC ☐ 5b Samples not received-on COC	
6. Were all of the sample containers received intact?	☒			☐ 6a Leaking ☐ 6b Broken	
7. Were VOA samples received without headspace?	☒			☐ 7a Headspace (VOA only)	
8. Were samples received in appropriate containers?	☒			☐ 8a Improper container	
9. Did you check for residual chlorine, if necessary?	☒			☐ 9a Could not be determined due to matrix interference ☐ 10a Holding time expired	
10. Were samples received within holding time?	☒			☐ Incomplete information	
11. For rad samples, was sample activity info. provided?	☒			If yes & appears to be >1%, was SOG notified? _____	
12. For SOG water samples (1613B, 1668A, 8290, LR PAHs), do samples have visible solids present?	☒			☐ 13a Leaking ☐ 13b Other:	
13. Are the shipping containers intact?	☒			☐ 14a Not relinquished	
14. Was COC relinquished? (Signed/Dated/Timed)	☒			☐ 15a Incomplete information	
15. Are tests/parameters listed for each sample?	☒			☐ 15a Incomplete information	
16. Is the matrix of the samples noted?	☒			☐ 15a Incomplete information	
17. Is the date/time of sample collection noted?	☒			☐ 15a Incomplete information	
18. Is the client and project name/# identified?	☒			☐ 15a Incomplete information	
19. Was the sampler identified on the COC?	☒				

Quote #: 54634 PM Instructions: _____

Sample Receiving Associate: Ryan Anderson

Date: 10-25-06

QA026R18.doc, 1/30/06