GROUNDWATER SAMPLING REPORT

OFFICE DEPOT SHOPPING CENTER
ROUTE 9W & BOICES LANE
KINGSTON, ULSTER COUNTY, NEW YORK

Submitted:

October 2010

Prepared for:

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PALMERTON GROUP
Environmental Consulting Services

Table of Contents

Tables

Figures

Appendices

Executive Summary

The Palmerton Group, LLC (Palmerton Group) conducted a groundwater sampling event at the Office Depot Shopping Center on Boices Lane and Route 9W in Kingston, Ulster County, New York, the "Site", on August 11 and 12, 2010 for the purpose of comparing groundwater conditions with prior Site data. Twelve of fourteen pre-existing wells were sampled. Groundwater samples were submitted for laboratory analysis for the target compound list for volatile organic compounds by EPA Method 8260B.

The Site has been previously sampled three times before, once in 1999, a second time in 2005, and again in 2009. The 2009 sampling event was completed by Palmerton Group and was used for the establishment of Site groundwater conditions and compared with previous data. Results from the March 2009 sampling event indicated a relatively stable plume of dissolved tetrachloroethylene (PCE) in groundwater. This PCE plume is believed to have originated from activities of a former dry cleaner on the property. The August 2010 groundwater sampling event served dual purposes; first confirming plume spatial distribution and concentrations with previous Site data, and the second being whether or not the presence of *Dehalococcoides* (Dhc), microbial bacteria are naturally occurring in Site groundwater from an augmented natural attenuation program.

1.0 Site History

1.1 Site Description

The property ("Site") is situated on the southwest corner of Route 9 West and Boices Lane in Kingston, Ulster County, New York as depicted in the attached Figure 1, "Site Location." One slab-on-grade masonry block building consisting of a 33,000-square foot building and attached 11,400-square foot wing is located on site. Current occupants include Office Depot, occupying the large 33,000-square foot building, and Miron Liquors, H&R Block, AIG Insurance, and Empire Vision Center occupying the wing. A dry cleaning store was located where Miron Liquors currently is. The surrounding area is mostly commercial with a residential neighborhood approximately 500 feet west of the Site. Rail road tracks border the property to the west. Refer to Figure 2, "Site Plan."

The site topography is generally flat with a gentle slope towards the south. The elevation is approximately 180 to 190 feet above mean sea level.

Based on aerial photography, the Site was developed between 1956 and 1962. According to the Remedial Investigation Workplan (Chazen, 2007), the Site was not connected to the municipal sewer at that time and an on-site septic system was used for sewage disposal located adjacent to the northwest corner of the building. The Site has since been connected to the public sewer system.

The Palmerton Group has reviewed a lease between Airport Realty Company (landlord) and Pride South, Inc. (tenant) dated May 17, 1968. This lease was for the operation of a dry cleaning store at the shopping center from June 1, 1968 through June 1, 1983. According to the 1999 Phase II Environmental Investigation (IVI, 1999), the dry cleaner operated for only a two year period circa 1984. This is not likely, however, given accounts of Site personnel and prior reporting. This dry cleaner is believed to be the source of PCE in groundwater.

The exact location of the former dry cleaner is not known. However, the location can be approximated relative to surface features. MW-1 was reportedly installed 20 feet north of the front entrance of the dry cleaner while MW-4 was reportedly installed 15 feet south of the rear door. Additionally, a larger-than-normal electrical drop is mounted on the rear of the building in the same vicinity as MW-4. The dry cleaner would have likely needed a larger-than-usual electric service to run washing machines and dryers. There are also several air vents adjacent to the electric drop, likely dryer vents. Site personnel indicate the dry cleaner would have occupied a space of roughly 40 feet by 60 feet.

1.2 Geology

According to the *Hudson-Mohawk* Sheet of the *New York State Surficial Geologic Map of New York*, surface soils are lacustrine sand. The *Hudson-Mohawk Sheet* of the *Geologic Map of New York (1995)* indicates bedrock beneath the Site is limestone of the Devonian Age Onondaga Limestone Formation. Monitor well installation logs indicate the immediate subsurface is comprised of poorly sorted sand and silt to a depth of approximately 17 feet below grade surface (bgs), the maximum depth of the borings. Bedrock was not encountered.

1.3 Hydrogeology

The Remedial Investigation Workplan (Chazen, 2007) indicates a former creek, Bear Ghett Creek, borders the Site to the south. This creek has been filled-in over the years of local development. Northerly-flowing Esposus Creek is located approximately 0.8 miles west of the Site.

Groundwater has historically been measured between six and ten feet bgs.

Regional groundwater flow is westward towards Esposus Creek.

1.4 Previous Environmental Investigations

Phase I Environmental Site Assessments (ESAs) were conducted in 1996 and 1999 by The Chazen Companies (Chazen) and Property Solutions Inc. (PSI) respectively. During the 1999 ESA, it was revealed that a dry cleaner had occupied one of the store fronts approximately 15 years prior, part of the location now occupied by Miron Liquor. Based

on that information, it was recommended that a Phase II Subsurface Investigation (Phase II) be performed to evaluate the possibility of a release to the environment from the dry cleaner.

The Phase II investigation was completed in two stages during 1999 by PSI and IVI Environmental, Inc. (IVI). The first, limited sub-surface Phase II investigation consisted of the installation of eight soil borings, including two soil borings beneath the former dry cleaner. Three soil samples from beneath the former dry cleaner were collected. One sample, identified as SB-4A, reported a PCE concentration of 4,200 micrograms per kilogram (μg/kg) approximately three feet below the concrete pad. This is the only soil sample in which PCE was reported at a concentration greater than the New York State Department of Environmental Conservation (NYSDEC) guidance value of 1,300 μg/kg (6 NYCRR Part 375). The figures accompanying the Phase II report are not available. Therefore, based on available data, the exact location of the source area beneath the former dry cleaner cannot be pinpointed.

A subsequent Phase II investigation was completed in October 1999 by IVI. This investigation consisted of the installation of six groundwater monitoring wells (MW-1 through MW-6) and collection of groundwater samples. These samples were analyzed for the volatile organics in Table 9D of NYSDEC Part 5 drinking water regulations, the Principal Organic Chemicals.

Concentrations of PCE, trichloroethylene (TCE), 1,2-dichloroethylene, and trichlorofluoromethane were detected in the groundwater samples with the highest concentrations reported in groundwater collected immediately behind the former dry cleaner. These results indicated a release of dry cleaning chemicals to the environment. Results are summarized in Table 1.

Based on the results of the Phase I and Phase II investigations, an application was made to the NYSDEC to enroll in the voluntary cleanup program; however the application to enroll the Site was denied in 2000.

Eight additional groundwater monitoring wells (MW-7 through MW-14) were installed in March, 2005 and subsequently sampled. Groundwater analytical results indicated a groundwater plume of dissolved PCE extending south and west of the former dry cleaner location, including off site. Analytical results are summarized in Table 1.

2.0 August 2010 Sampling Event

Palmerton Group personnel visited the Site on August 11 and 12, 2010 to conduct a round of groundwater-level gauging and sampling of up to 14 wells. During initial reconnaissance on August 11, well MW-7 could not be located, and well MW-6 was missing its well cover and had an obstruction at 5ft beneath ground surface (BGS). All

other wells, MW-1 through MW-5 and MW-8 through MW-14 were gauged and sampled.

Static water levels were gauged in all accessible wells. Depth to water ranged from a minimum of 7.01 feet below top of casing (BTOC) in MW-12 to a maximum of 11.42 BTOC in MW-10. Liquid levels are summarized in the attached Table 1.

After the collection of static water levels, groundwater sampling was conducted. Palmerton Group personnel used low-flow groundwater sampling techniques for collecting the groundwater samples. This technique required the use of a peristaltic pump and a water quality meter; the intake of the tubing for the pump was placed one foot from the bottom of the well screen, water is withdrawn from the monitoring well at a slow pump rate in order to not create drawdown and/or stress the groundwater table, and water quality parameters were collected inline from the pump to establish in-situ conditions. This technique has been proven to establish reproducible results because the VOCs are not stripped away when purging a well as they would be with a bailer. An added benefit of this technique is that a lower volume of purged water is produced, thus disposal costs are reduced.

MW-9 and MW-10 were purged dry during the low-flow sample collection process, but they were allowed to recharge over a twelve hour period. After the wells had recharged, the water samples were collected using dedicated bailers associated with each well.
-A total of 12 monitoring wells were sampled. A field duplicate and trip blank were also submitted. All wells were sampled for volatile organic compounds under EPA Method 8260B. An additional four wells had biological samples collected concurrently for the purpose of determining applicability of bioremediation of groundwater. For each sampling event, the following protocols were followed:

- Dedicated and clean sampling equipment was used to collect each sample so that cross contamination could not take place;
- Each sample was given a unique identification code;
- Each sample was placed in clean glassware provided by the contract laboratory, then placed in a cooler and packed on ice;
- Samples were either shipped or hand delivered in respective coolers to the contract laboratory to undergo the respective analytical procedure; and
- All samples were collected and shipped using chain-of-custody protocols.

Paradigm Environmental Services, Inc. in Rochester, New York provided all analytical testing for VOCs in the groundwater samples. Site Recovery Management (SIREM) of Guelph, Ontario, Canada provided laboratory analytical tests for microbial bacteria.

2.1 Hydrogeology

As presented on the attached Figure 3, "Water Table Elevation for August 11, 2010", the water table gradient on that date was generally to the southwest across the Site with a gradient of approximately one foot per 110 feet (0.009) under the building. The gradient becomes steeper south of the building, still trending southwestwardly, with a magnitude of approximately one foot per 20 feet (0.05).

This gradient is consistent with historic gradients from two previous sampling events in 1999, 2005, and 2009. Table 1 presents current and historic groundwater elevation data.

2.2 Groundwater

Groundwater samples collected on August 11 and 12, 2010 and were submitted for laboratory analysis to Paradigm Environmental Services, Rochester, NY. The samples were analyzed for the volatile organics by EPA Method SW-846 8260B. Low-flow groundwater sampling field forms are attached in Appendix A. Laboratory analytical reports are attached as Appendix B.

Previous consultants had groundwater samples analyzed by EPA Method 8260, but compared analytical results with Table 9D of NYSDOH Part 5 regulations. This testing method is for organic contaminates as they pertain to drinking water. The Palmerton Group has continued having the groundwater samples analyzed using EPA method 8260 but have requested the addition of Target Compound List (TCL), a list of volatile organic compounds commonly detected and was derived from the EPA Priority Pollutant List. The Palmerton Group has also stopped the comparison of analytical results with Table 9D of NYSDOH Part 5 regulations, since all neighboring businesses and residential communities are on municipality supplied water and groundwater contamination and plume migration are not affecting public and private water wells. Results are now compared with NYSDEC TAGM 4046 guidance values.

As presented in Table 1, concentrations of PCE and TCE exceeded the applicable NYSDEC TAGM 4046 guidance value of 5 micrograms per liter (μg/l). Specifically, PCE was reported at concentrations of 5.34 μg/l in MW-5, 21.4 μg/l in MW-3, 26.4 μg/l in MW-9, 60.8 μg/l in MW-8, 175 μg/l in MW-11, 305 μg/l in MW-2, 934 μg/l and 955 μg/l in the sample and duplicate sample respectively collected from MW-14, and 1,170 μg/l in MW-4. Additionally, PCE was reported at a concentration of 1.02 μg/l in MW-12 and 3.1 μg/l in MW-6 below the NYSDEC guidance value. PCE concentrations in groundwater for August 11 and 12, 2010 are graphically depicted on the attached Figure 4.

TCE was reported at a concentration of 17.2 μg/l in MW-11, 9.39 μg/l in MW-8, exceeding the NYSDEC TAGM 4046 guidance value of 5 μg/l. Additionally, TCE was

reported in MW-2 at 3.87 μg/l and at a concentration of 2.11 μg/l for MW-9, both of these were below the NYSDEC guidance value of 5 μg/l.

Vinyl Chloride was detected at 3.16 μg/l in MW-8, above the guidance value of 2 μg/l. Cis-1,2-Dichloroethene was reported at 5.06 μg/l in MW-8, just above the NYSDEC guidance values of 5μg/l while was MW-11 was below the established guidance value at 2.47 μg/l. Vinyl chloride is a natural byproduct of the degradation of PCE and TCE.

The concentration of PCE in groundwater has fluctuated since the first sampling event in 1999 and the subsequent sampling events, while the distribution has remained relatively consistent. Results from the 2010 sampling event show groundwater concentrations have been reduced along the eastern and southern portions of the plume, while the western edge has seen a slight spike in concentration levels compared with past events. The PCE plume is oriented in an ENE-WSW direction. The most likely explanation of this is that the eastern edge comprises the tail area of the original contaminates location (source area) and that the western edge is the head of the contaminant plume. It is also quite possible that the PCE plume follows the direction of the old septic line for the leachate field. PCE concentrations have fluctuated slightly across the Site over time, however the concentration results from this past sampling event are most likely the result of different sampling techniques.

Groundwater was analyzed for the presence or absence and concentration of *Dehalococcoides* (Dhc), a bacteria that can be naturally occurring in the subsurface and is critical in the bioremediation process of chlorinated compounds. Select groundwater samples were collected at MW-1, MW-11, MW-3, and MW-14 for the analysis of Dhc. The results were non-detect for Dhc in all four samples and indicated that there was very limited DNA extractable in the samples. A low biomass can be attributed to the urban setting of the Site as well as to the site-specific geology. Microbial bacterial analysis was completed by SIREM Laboratories.

While collecting the groundwater samples, direct in-line water quality measurements were collected. Measurements of dissolved oxygen (D.O.) and oxidation reduction potential (ORP) showed a range of 0.00 to 3.45 milliSeimens/centimeter (mS/cm) and -53 to 233 milliVolts (mV), respectively. These findings correlate with the absence of Dhc, illustrating that the Site currently has an aerobic environment. This also suggests that the groundwater environment is low on organic carbon for creating reducing environments.

3.0 Recommendations

3.1 Interim Remedial Measures

The Palmerton Group recommends that the Site be remediated through the process of augmented natural attenuation (ANA) based upon the two previous sampling events. ANA remediation is a low cost and effective way of reducing or eliminating site contaminants as compared to other more intrusive remedial alternatives. The Palmerton

Group will develop a detailed work plan for Interim Remedial Measures (IRM) and select timelines for remedial actions and goals. The Palmerton Group will research various remedial approaches and costs and seek guidance from vendors in decision making and technical application regarding bioremediation.

ANA remediation would involve a few steps:

1. Another round of groundwater sampling would be completed after any additional investigative work was completed. Additional groundwater samples would be collected and analyzed for Total Organic Carbon (TOC). This data would create a baseline for the Site.

2. The next step would be to change the Site groundwater conditions from aerobic to anaerobic. This could be easily accomplished by the addition of an electron donor the site, a biostimulant. This would also involve subsequent groundwater monitoring events over a designated time period and the addition of extra sample analysis to ensure that site conditions are stable. Additional biostimulant may be added over time to keep conditions stable.

3. Once the Site groundwater conditions have changed to anaerobic, bacteria would be added to the subsurface. The bacteria would then be allowed to grow by colonization; this would then reduce all contaminants to dissolved gases. Additional groundwater sampling would be required for observation of and verification of remedial efficacy.

4.0 Conclusion

Results of the August 2010 sampling event indicate the PCE plume at the Site has changed very little in aerial extent and concentrations; however the plume extent is not characterized to the NYSDEC guidance value of 5 μg/l to the south and west of the Site and it has apparently moved to off-site properties. An additional three off-site groundwater monitoring wells were proposed to complete characterization of groundwater and twelve soil borings, including four interior borings, were proposed to characterize the extent of a source area in the immediate vicinity of the former dry cleaner in the Project Status Update Report – July 2009. However, access to the two properties south of the Site needed to install two of the three groundwater wells and the eight exterior soil borings has not been granted to date. It is recommended that the work proceed; including interior soil borings.

Additionally, it is recommended that legal guidance be solicited to bring the Site under NYSDEC guidance, likely obtainable through a consent order. Past attempts to include the site in the voluntary cleanup program have not been successful.

Results of this onsite characterization will be used to assist in the development of an interim remedial measure plan using a monitored natural attenuation approach.

5.0 References

Lease between Airport Realty Company (landlord) and Pride South, Inc, (tenant), May 17, 1968;

The Chazen Companies (Chazen), February 16, 1996, Phase I Environmental Site Assessment;

Property Solutions, Inc. (PSI), September 9, 1999, Phase I Environmental Assessment;

PSI, September 9, 1999, Limited Phase II Subsurface Investigation (incomplete - without figures);

IVI Environmental, Inc. (IVI) December 10, 1999, Phase II Environmental Investigation;

Chazen, July 5, 2005, Well Installation and Assessment of PCE Impacted Groundwater;

Chazen, April 13, 2006, Order of Magnitude Cost Estimate;

Chazen, April 19, 2006, Voluntary Cleanup Program Application;

Chazen, December 5, 2006, ALTA/ACSM Land Title Survey, 1:30;

Chazen, March, 2007, Remedial Investigation Work Plan;.

Palmerton Group, 2009, Project Status Update Report – July 2009.

USGS (Department of Interior), Open File Report 2006-1338, Description, Properties and Degradation of Volatile Organic Compounds Detected in Groundwater – A Review of Selected Literature.

Table I - Groundwater Analytical and Elevation Data
Office Depot Shopping Plaza - Route 9 West and Boices Lane, Kingston, New York

(all values in μg/l)

	TAGM 4046 (1)	MW-1				MW-2				MW-3			
		10/25/99	4/22/05	3/25/09	8/11/10	10/25/99	4/22/05	3/25/09	8/11/10	10/25/99	4/22/05	3/25/09	8/11/10
Depth to Water (feet)	N/A	7.94	7.20	7.35	7.81	7.28	6.35	6.62	7.17	9.42	8.32	8.51	7.41
Water Table Elevation (feet)	N/A	42.37	43.11	42.96	42.50	41.82	42.75	42.48	41.93	40.52	41.62	41.43	42.53
Acetone	50.00	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND
Benzene	0.7	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Bromobenzene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
Bromochloromethane	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Bromodichloromethane	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Bromoform	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Bromoethane	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
2-Butanone	50	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND
n-Butylbenzene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
sec-Butylbenzene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
tert-Butylbenzene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
Carbon disulfide	50	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND
Carbon tetrachloride	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Chlorobenzene	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Chloroethane	50	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Chloroform	7	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1-Chlorohexane	-	ND	ND	not found	ND	ND	ND	not found	ND	ND	ND	not found	ND
Chloromethane	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
2-Chlorotoluene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
4-Chlorotoluene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
Dibromochloromethane	50	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,2-Dibromo-3-chloropropane	-	ND	ND	<2	ND	ND	ND	<2	ND	ND	ND	<2	ND
1,2-Dibromoethane (EDB)	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Dibromomethane	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
1,2-Dichlorobenzene	4.7	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,3-Dichlorobenzene	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,4-Dichlorobenzene	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Dichlorodifluoromethane	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,1-Dichloroethane	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,2-Dichloroethane	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,1-Dichloroethene	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
cis-1,2-Dichloroethene	5	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND
trans-1,2-Dichloroethene	5	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND
1,2-Dichloroethene, Total	5 (trans-)	ND	ND	<1	NA	6	ND	1.2	NA	2	ND	<1	NA
1,2-Dichloropropane	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,3-Dichloropropane	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
2,2-Dichloropropane	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND

(1)TAGM 4046 Groundwater Standards / Criteria
N/A = not applicable; ND = not detected; "<" = less than; NA = Not Available
Values in **BOLD** exceed applicable TAGM 4046 groundwater guidance criteria

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Table I - Groundwater Analytical and Elevation Data
Office Depot Shopping Plaza - Route 9 West and Boices Lane, Kingston, New York

(all values in µg/l)

	TAGM 4046 (1)	MW-1				MW-2				MW-3			
		10/25/99	4/22/05	3/25/09	8/11/10	10/25/99	4/22/05	3/25/09	8/11/10	10/25/99	4/22/05	3/25/09	8/11/10
1,1-Dichloropropene	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
cis-1,3-Dichloropropene	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
trans-1,3-Dichloropropene	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Ethyl benzene	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
2-Hexanone	-	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND
Hexachlorobutadiene	-	ND	ND	<4	NA	ND	ND	<4	NA	ND	ND	<4	NA
Isopropylbenzene (Cumene)	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
4-Isopropyl toluene (Cymene)	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
Methyl acetate	-	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND
Methylcyclohexane	-	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND
Methylene chloride	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
MTBE	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
4-Methyl-2-pentanone	50	NA	NA	NA	ND	NA	NA	NA	ND	NA	NA	NA	ND
Naphthalene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
n-Propylbenzene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
Styrene	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,1,1,2-Tetrachloroethane	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
Tetrachloroethene	5	ND	ND	<1	ND	**140**	**210**	**99**	**305**	**47**	**29**	**33**	**21**
Toluene	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,2,3-Trichlorobenzene	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,2,4-Trichlorobenzene	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,1,1-Trichloroethane	5	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,1,2-Trichloroethane	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
Trichloroethene	5	ND	ND	<1	ND	ND	ND	**8.2**	3.87	ND	ND	<1	ND
Trichlorofluoromethane (Freon 11)	-	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
1,2,3-Trichloropropane	5	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
1,2,3-Trimethylbenzene	-	ND	ND	not found	NA	ND	ND	not found	NA	ND	ND	not found	NA
1,2,4-Trimethylbenzene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
1,3,5-Trimethylbenzene	-	ND	ND	<1	NA	ND	ND	<1	NA	ND	ND	<1	NA
Vinyl chloride	2	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
o-Xylene	5 (total)	ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND
m- & p-xylenes		ND	ND	<1	ND	ND	ND	<1	ND	ND	ND	<1	ND

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Values in **BOLD** exceed applicable TAGM 4046 groundwater guidance criteria

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(all values in µg/l)

	TAGM 4046 [1]	MW-4				MW-5				MW-6			MW-7	
		10/25/99	4/22/05	3/25/09	8/12/10	10/25/99	4/22/05	3/25/09	8/12/10	10/25/99	4/22/05	3/25/09	4/22/05	3/25/09
Depth to Water (feet)	N/A	7.86	well could not be located	7.30	7.71	8.56	8.00	8.18	8.49	8.38	7.42	7.61	6.60	well could not be located
Water Table Elevation (feet)	N/A	42.31		42.87	42.46	42.30	42.86	42.68	42.37	41.18	42.14	41.95	42.95	
Acetone	50.00	NA		NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	
Benzene	0.7	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Bromobenzene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
Bromochloromethane	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Bromodichloromethane	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Bromoform	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Bromoethane	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
2-Butanone	50	NA		NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	
n-Butylbenzene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
sec-Butylbenzene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
tert-Butylbenzene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
Carbon disulfide	50	NA		NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	
Carbon tetrachloride	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Chlorobenzene	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Chloroethane	50	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Chloroform	7	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1-Chlorohexane	-	ND		not found	ND	ND	ND	not found	ND	ND	ND	not found	ND	
Chloromethane	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
2-Chlorotoluene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
4-Chlorotoluene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
Dibromochloromethane	50	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,2-Dibromo-3-chloropropane	-	ND		<50	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,2-Dibromoethane (EDB)	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Dibromomethane	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
1,2-Dichlorobenzene	4.7	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,3-Dichlorobenzene	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,4-Dichlorobenzene	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Dichlorodifluoromethane	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,1-Dichloroethane	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,2-Dichloroethane	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,1-Dichloroethene	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
cis-1,2-Dichloroethene	5	NA		NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	
trans-1,2-Dichloroethene	5	NA		NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	
1,2-Dichloroethene, Total	5 (trans-)	ND		<20	NA	ND	ND	<1	NA	3	2 (cis-)	<1	ND	
1,2-Dichloropropane	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,3-Dichloropropane	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
2,2-Dichloropropane	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	

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PALMERTON GROUP
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Table I - Groundwater Analytical and Elevation Data
Office Depot Shopping Plaza - Route 9 West and Boices Lane, Kingston, New York

(all values in µg/l)

	TAGM 4046 [1]	MW-4				MW-5				MW-6			MW-7	
		10/25/99	4/22/05	3/25/09	8/12/10	10/25/99	4/22/05	3/25/09	8/12/10	10/25/99	4/22/05	3/25/09	4/22/05	3/25/09
1,1-Dichloropropene	-	ND	well could not be located	<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	well could not be located
cis-1,3-Dichloropropene	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
trans-1,3-Dichloropropene	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Ethyl benzene	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
2-Hexanone	-	NA		NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	
Hexachlorobutadiene	-	ND		<100	NA	ND	ND	<4	NA	ND	ND	<4	ND	
Isopropylbenzene (Cumene)	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
4-Isopropyl toluene (Cymene)	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
Methyl acetate	-	NA		NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	
Methylcyclohexane	-	NA		NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	
Methylene chloride	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
MTBE	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
4-Methyl-2-pentanone	50	NA		NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	
Naphthalene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
n-Propylbenzene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
Styrene	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,1,1,2-Tetrachloroethane	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,1,2,2-Tetrachloroethane	5	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
Tetrachloroethene	5	**160**		**1800**	**1170**	**6**	2	**7.5**	**5.34**	**50**	**41**	3.1	**610**	
Toluene	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,2,3-Trichlorobenzene	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,2,4-Trichlorobenzene	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,1,1-Trichloroethane	5	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,1,2-Trichloroethane	-	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
Trichloroethene	5	ND		<20	ND	ND	ND	<1	ND	ND	1	<1	ND	
Trichlorofluoromethane (Freon 11)	-	1		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
1,2,3-Trichloropropane	5	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
1,2,3-Trimethylbenzene	-	ND		not found	NA	ND	ND	not found	NA	ND	ND	not found	ND	
1,2,4-Trimethylbenzene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
1,3,5-Trimethylbenzene	-	ND		<20	NA	ND	ND	<1	NA	ND	ND	<1	ND	
Vinyl chloride	2	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
o-Xylene	5 (total)	ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	
m- & p-xylenes		ND		<20	ND	ND	ND	<1	ND	ND	ND	<1	ND	

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PALMERTON GROUP
Environmental Consulting Services

Table I - Groundwater Analytical and Elevation Data
Office Depot Shopping Plaza - Route 9 West and Boices Lane, Kingston, New York

(all values in µg/l)

	TAGM 4046 (1)	MW-8			MW-9			MW-10			MW-11		
		4/22/05	3/25/09	8/11/10	4/22/05	3/25/09	8/12/10	4/22/05	3/25/09	8/12/10	4/22/05	3/25/09	8/11/10
Depth to Water (feet)	N/A	8.00	8.01	9.04	8.85	8.50	9.78	8.82	9.46	11.42	6.60	6.85	7.37
Water Table Elevation (feet)	N/A	41.40	41.39	40.36	40.61	40.96	39.68	40.24	39.60	37.64	42.79	42.54	42.02
Acetone	50.00	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Benzene	0.7	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Bromobenzene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
Bromochloromethane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Bromodichloromethane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Bromoform	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Bromoethane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
2-Butanone	50	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
n-Butylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
sec-Butylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
tert-Butylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
Carbon disulfide	50	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Carbon tetrachloride	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Chlorobenzene	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Chloroethane	50	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Chloroform	7	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1-Chlorohexane	-	ND	not found	ND	ND	not found	ND	ND	not found	ND	ND	not found	ND
Chloromethane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
2-Chlorotoluene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
4-Chlorotoluene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
Dibromochloromethane	50	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,2-Dibromo-3-chloropropane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,2-Dibromoethane (EDB)	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Dibromomethane	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
1,2-Dichlorobenzene	4.7	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,3-Dichlorobenzene	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,4-Dichlorobenzene	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Dichlorodifluoromethane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,1-Dichloroethane	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,2-Dichloroethane	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,1-Dichloroethene	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
cis-1,2-Dichloroethene	5	NA	NA	**5.06**	NA	NA	ND	NA	NA	ND	NA	NA	2.47
trans-1,2-Dichloroethene	5	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
1,2-Dichloroethene, Total	5 (trans-)	3 (cis-)	<1	NA	2 (cis-)	1.5	NA	ND	<1	NA	ND	1.5	NA
1,2-Dichloropropane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,3-Dichloropropane	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
2,2-Dichloropropane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND

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Environmental Consulting Services

Table I - Groundwater Analytical and Elevation Data
Office Depot Shopping Plaza - Route 9 West and Boices Lane, Kingston, New York

(all values in µg/l)

	TAGM 4046 (1)	MW-8			MW-9			MW-10			MW-11		
		4/22/05	3/25/09	8/11/10	4/22/05	3/25/09	8/12/10	4/22/05	3/25/09	8/12/10	4/22/05	3/25/09	8/11/10
1,1-Dichloropropene	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
cis-1,3-Dichloropropene	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
trans-1,3-Dichloropropene	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Ethyl benzene	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
2-Hexanone	-	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Hexachlorobutadiene	-	ND	<4	NA	ND	<4	NA	ND	<4	NA	ND	<4	NA
Isopropylbenzene (Cumene)	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
4-Isopropyl toluene (Cymene)	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
Methyl acetate	-	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Methylcyclohexane	-	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Methylene chloride	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
MTBE	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
4-Methyl-2-pentanone	50	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	NA	ND
Naphthalene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
n-Propylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
Styrene	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,1,1,2-Tetrachloroethane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,1,2,2-Tetrachloroethane	5	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
Tetrachloroethene	5	**31**	4.8	**61**	**69**	**84**	**26.4**	ND	<1	ND	**42**	**140**	**175**
Toluene	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,2,3-Trichlorobenzene	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,2,4-Trichlorobenzene	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,1,1-Trichloroethane	5	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,1,2-Trichloroethane	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
Trichloroethene	5	**7**	<1	**9.39**	3	3.6	2.11	ND	<1	ND	3	**10**	**17.2**
Trichlorofluoromethane (Freon 11)	-	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
1,2,3-Trichloropropane	5	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
1,2,3-Trimethylbenzene	-	ND	not found	NA	ND	not found	NA	ND	not found	NA	ND	not found	NA
1,2,4-Trimethylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
1,3,5-Trimethylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<1	NA	ND	<1	NA
Vinyl chloride	2	1	<1	**3.16**	ND	<1	ND	ND	<1	ND	ND	<1	ND
o-Xylene	5 (total)	ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND
m- & p-xylenes		ND	<1	ND	ND	<1	ND	ND	<1	ND	ND	<1	ND

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Table I - Groundwater Analytical and Elevation Data
Office Depot Shopping Plaza - Route 9 West and Boices Lane, Kingston, New York

(all values in µg/l)

	TAGM 4046 (1)	MW-12			MW-13			MW-14			MW-14 dup		Trip Blank
		4/22/05	3/25/09	8/11/10	4/22/05	3/25/09	8/12/10	4/22/05	3/25/09	8/12/10	3/25/09	8/11/10	8/13/10
Depth to Water (feet)	N/A	6.17	6.46	7.01	6.57	6.82	7.41	7.37	7.51	7.90	-	-	-
Water Table Elevation (feet)	N/A	43.02	42.73	42.18	43.27	43.02	42.43	42.94	42.80	42.41	-	-	-
Acetone	50.00	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	ND
Benzene	0.7	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Bromobenzene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
Bromochloromethane	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Bromodichloromethane	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Bromoform	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Bromoethane	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
2-Butanone	50	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	ND
n-Butylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
sec-Butylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
tert-Butylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	x	NA	NA
Carbon disulfide	50	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	ND
Carbon tetrachloride	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Chlorobenzene	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Chloroethane	50	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Chloroform	7	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1-Chlorohexane	-	ND	not found	ND	ND	not found	ND	ND	not found	ND	not found	ND	ND
Chloromethane	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
2-Chlorotoluene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
4-Chlorotoluene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
Dibromochloromethane	50	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,2-Dibromo-3-chloropropane	-	ND	<1	ND	ND	<1	ND	ND	<50	ND	<50	ND	ND
1,2-Dibromoethane (EDB)	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Dibromomethane	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
1,2-Dichlorobenzene	4.7	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,3-Dichlorobenzene	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,4-Dichlorobenzene	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Dichlorodifluoromethane	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,1-Dichloroethane	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,2-Dichloroethane	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,1-Dichloroethene	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
cis-1,2-Dichloroethene	5	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	ND
trans-1,2-Dichloroethene	5	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	ND
1,2-Dichloroethene, Total	5 (trans-)	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
1,2-Dichloropropane	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,3-Dichloropropane	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
2,2-Dichloropropane	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND

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Office Depot Shopping Plaza - Route 9 West and Boices Lane, Kingston, New York

(all values in µg/l)

	TAGM 4046 (1)	MW-12			MW-13			MW-14			MW-14 dup		Trip Blank
		4/22/05	3/25/09	8/11/10	4/22/05	3/25/09	8/12/10	4/22/05	3/25/09	8/12/10	3/25/09	8/11/10	8/13/10
1,1-Dichloropropene	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
cis-1,3-Dichloropropene	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
trans-1,3-Dichloropropene	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Ethyl benzene	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
2-Hexanone	-	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	ND
Hexachlorobutadiene	-	ND	<4	NA	ND	<4	NA	ND	<100	NA	<100	NA	NA
Isopropylbenzene (Cumene)	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
4-Isopropyl toluene (Cymene)	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
Methyl acetate	-	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	ND
Methylcyclohexane	-	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	ND
Methylene chloride	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
MTBE	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
4-Methyl-2-pentanone	50	NA	NA	ND	NA	NA	ND	NA	NA	ND	NA	ND	ND
Naphthalene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
n-Propylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
Styrene	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,1,1,2-Tetrachloroethane	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
Tetrachloroethene	5	ND	<1	1.02 J	ND	<1	ND	**1600**	**2100**	**934**	**1700**	**955**	ND
Toluene	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,2,3-Trichlorobenzene	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,2,4-Trichlorobenzene	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,1,1-Trichloroethane	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,1,2-Trichloroethane	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Trichloroethene	5	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
Trichlorofluoromethane (Freon 11)	-	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
1,2,3-Trichloropropane	5	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
1,2,3-Trimethylbenzene	-	ND	not found	NA	ND	not found	NA	ND	not found	NA	not found	NA	NA
1,2,4-Trimethylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
1,3,5-Trimethylbenzene	-	ND	<1	NA	ND	<1	NA	ND	<20	NA	<20	NA	NA
Vinyl chloride	2	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
o-Xylene	5 (total)	ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND
m- & p-xylenes		ND	<1	ND	ND	<1	ND	ND	<20	ND	<20	ND	ND

(1)TAGM 4046 Groundwater Standards / Criteria
N/A = not applicable; ND = not detected; "<" = less than; NA = Not Available
Values in **BOLD** exceed applicable TAGM 4046 groundwater guidance criteria

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SOURCE: USGS 7.5 MIN. TOPOGRAPHIC QUADRANGLE – KINGSTON EAST, NEW YORK, 1963, PHOTOREVISED 1980.

GRAPHIC SCALE:

0 2000' 4000'

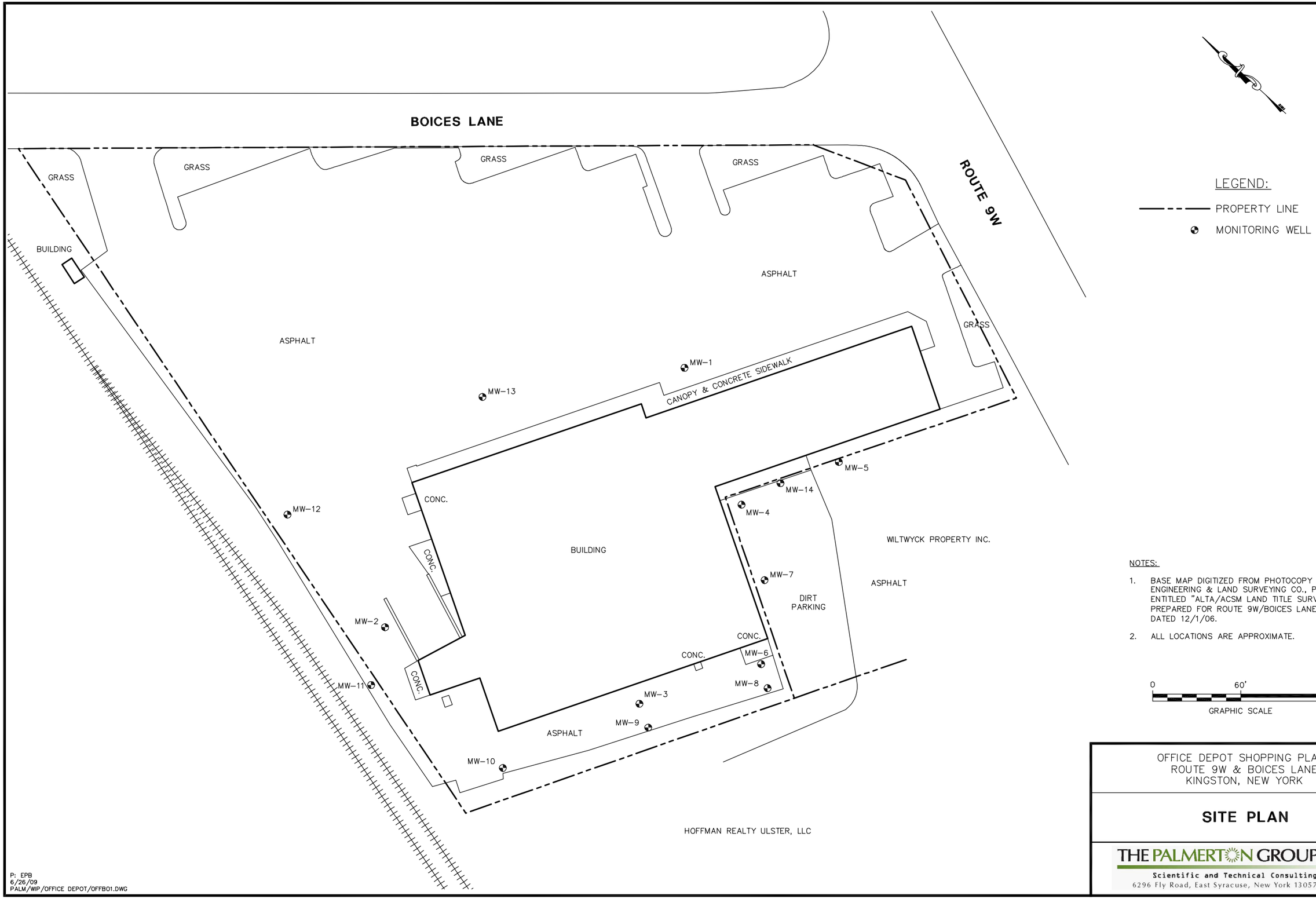
P: EPB
6/29/09
PALM/WIP/OFFICE DEPOT/PPSL1.DWG

OFFICE DEPOT SHOPPING PLAZA
ROUTE 9W & BOICES LANE
KINGSTON, NEW YORK

SITE LOCATION MAP

THE PALMERTON GROUP
Scientific and Technical Consulting
6296 Fly Road, East Syracuse, New York 13057

FIGURE 1



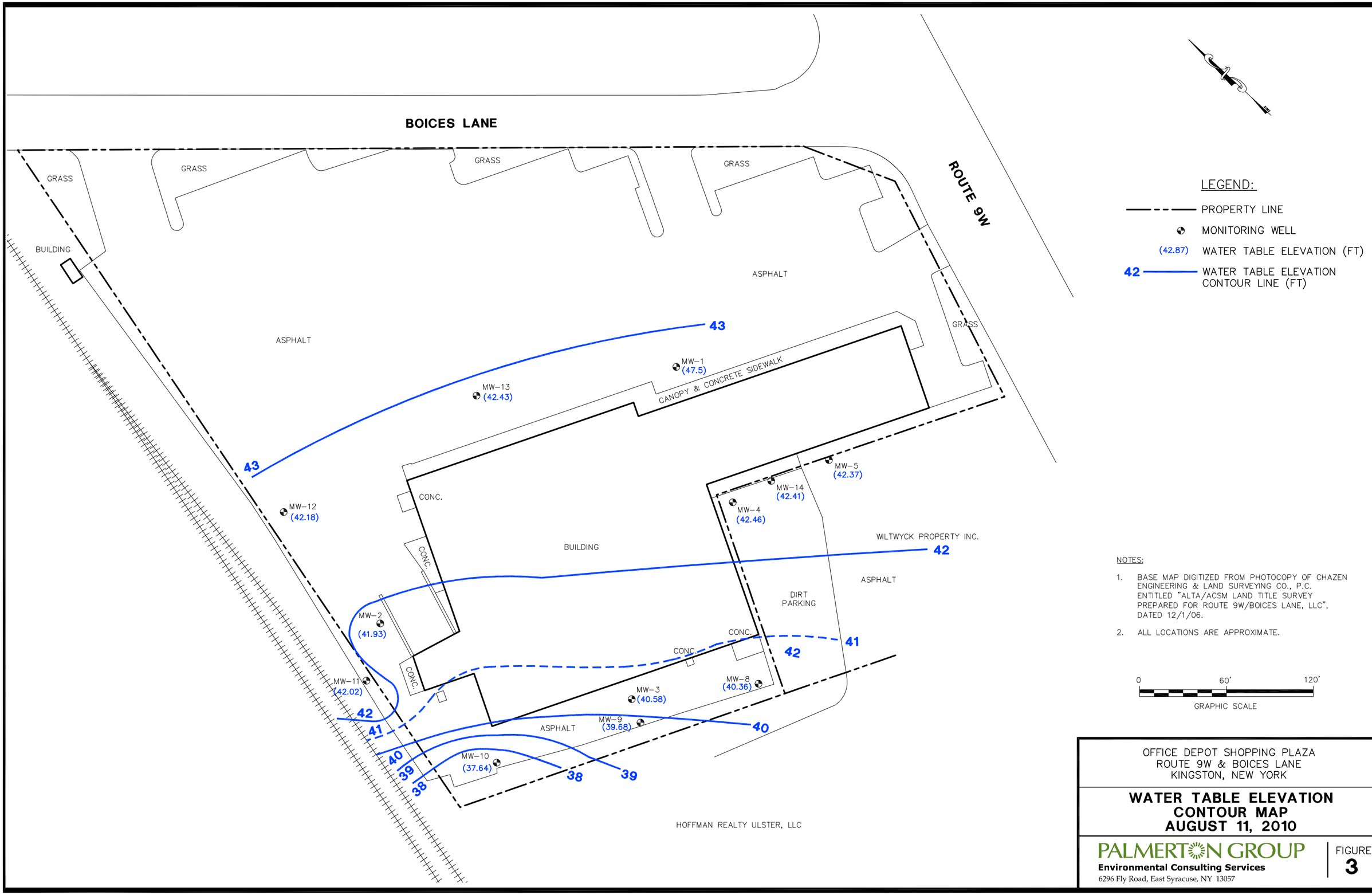
OFFICE DEPOT SHOPPING PLAZA
ROUTE 9W & BOICES LANE
KINGSTON, NEW YORK

SITE PLAN

THE PALMERTON GROUP
Scientific and Technical Consulting
6296 Fly Road, East Syracuse, New York 13057

FIGURE 2

P: EPB
6/26/09
PALM/WIP/OFFICE DEPOT/OFFBO1.DWG

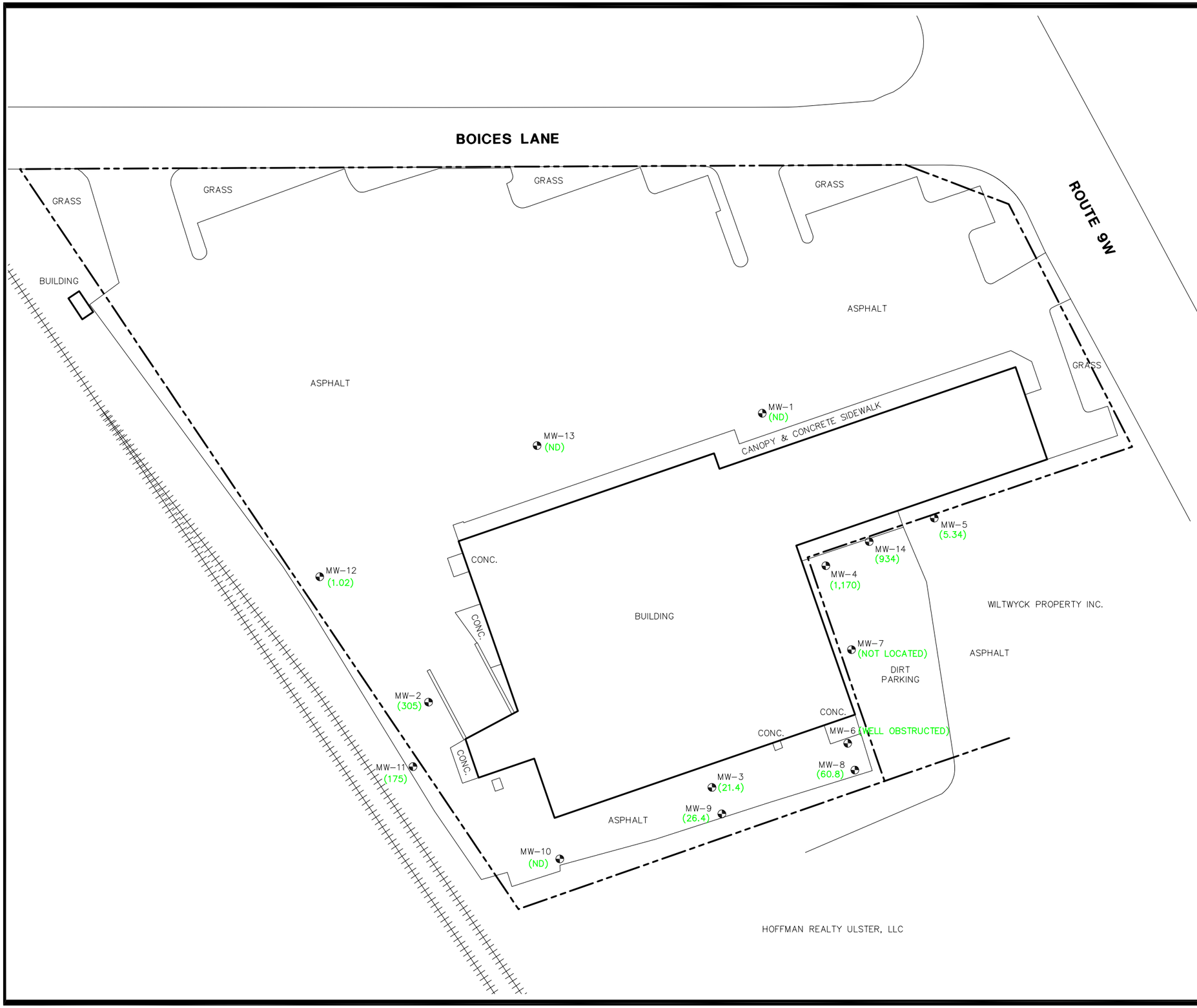


OFFICE DEPOT SHOPPING PLAZA
ROUTE 9W & BOICES LANE
KINGSTON, NEW YORK

WATER TABLE ELEVATION CONTOUR MAP AUGUST 11, 2010

PALMERTON GROUP
Environmental Consulting Services
6296 Fly Road, East Syracuse, NY 13057

FIGURE 3



LEGEND:

- PROPERTY LINE
- MONITORING WELL
- (33) TETRACHLOROETHYLENE CONCENTRATION (ug/L)

NOTES:

1. BASE MAP DIGITIZED FROM PHOTOCOPY OF CHAZEN ENGINEERING & LAND SURVEYING CO., P.C. ENTITLED "ALTA/ACSM LAND TITLE SURVEY PREPARED FOR ROUTE 9W/BOICES LANE, LLC", DATED 12/1/06.
2. ALL LOCATIONS ARE APPROXIMATE.

0 60' 120'

GRAPHIC SCALE

OFFICE DEPOT SHOPPING PLAZA
ROUTE 9W & BOICES LANE
KINGSTON, NEW YORK

TETRACHLOROETHYLENE CONCENTRATION IN GROUND WATER AUGUST 11-12, 2010

PALMERTON GROUP
Environmental Consulting Services
6296 Fly Road, East Syracuse, NY 13057

FIGURE 4

Appendix A

Low-Flow Groundwater Sampling Forms

PALMERTON GROUP
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GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/11/10	Well ID: MW-1
Client: Ulster Realty Management	Name (Printed): TODD G. BOWN	Monitoring Well Diameter (in): 2
Location (City, State): Kingston, NY	Static Water Level (ft): 7.81	Total Well Depth (ft): 19.5

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)				Water Qaulity Meter (Manufacturer & Model)
	Bailer:		Waterra Tubing	Horiba U-22
	Peristaltic Pump ✓		Bladder Pump	
	Whale Pump		Other	

Condition of Monitoring Well		
Is surface seal good?	(Yes)	No
Is well cover intact?	(Yes)	No
Is well cap present?	(Yes)	No
Are bolts missing?	Yes	(No)
Is well locked?	Yes	(No)

Initial Water Level (ft): 7.81	Start Time: 1346	Flow Rate (ml/min): 400	Groundwater Stabilization Criteria:
Final Water Level (ft): 7.87	Stop Time: 1420	Volume Purged (gal): NA	Temperature: ± 3°C / DO: + / - 10% mg/l
Sampling Depth (ft) 18.5	Notes:		pH: + / - 0.1 unit / ORP: + / - 10 mV
Gas Pressure (psi) NA			SC: + / - 3% mS/cm / Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1349	0	7.83	21.2	6.76	6.05	3.75	127	133.7
1351	2	7.86	20.9	6.68	5.99	0.88	144	100.0
1356	9	7.86	21.0	6.71	5.69	0.89	163	86.2
1405	16	7.86	21.3	6.90	5.16	0.92	176	74.5
1410	21	7.87	21.3	6.85	4.89	0.98	183	63.6
1415	26	7.87	21.4	6.87	4.76	0.94	187	55
1420	31	7.87	21.4	6.88	4.71	0.98	190	46

Sampling Notes:

Sample ID: MW-1	Date & Time: 8/11/10 14:20	Sampled By (Printed): TODD G. BOWN
Sample Analysis: 8260 B, Geo-Trek Sample		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester NY) SIREM Analytical (Guelph, Ont CA)		Chain of Custody Number: 1

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/11/10	Well ID: MW-12
Client: Ulster Realty Management	Name (Printed): TODD G. BOWN	Monitoring Well Diameter (in): 1
Location (City, State): Kingston, NY	Static Water Level (ft): 6.97	Total Well Depth (ft): 13.29

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			
	Bailer:	Waterra Tubing	Water Qaulity Meter (Manufacturer & Model): Horiba U-22
	Peristaltic Pump ✓	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well

Is surface seal good?	(Yes)	No
Is well cover intact?	(Yes)	No
Is well cap present?	(Yes)	No
Are bolts missing?	Yes	(No)
Is well locked?	Yes	(No)

Initial Water Level (ft): 6.97	Start Time: 1500	Flow Rate (ml/min): 400	Groundwater Stabilization Criteria:
Final Water Level (ft): 7.00	Stop Time: 1530	Volume Purged (gal): NA	Temperature: ± 3°C / DO: + / - 10% mg/l
Sampling Depth (ft) 12.5	Notes:		pH: + / - 0.1 unit / ORP: + / - 10 mV
Gas Pressure (psi) NA			SC: + / - 3% mS/cm / Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1506	0	6.98	25.7	6.71	3.85	3.58	194	850
1511	5	6.98	25.6	6.66	3.82	2.61	197	522
1516	10	7.00	25.7	6.61	3.73	1.24	195	193
1521	15	6.99	25.7	6.62	3.54	1.32	195	49.3
1526	20	6.99	25.9	6.63	3.51	1.40	194	34.7
1530	24	7.00	25.9	6.64	3.52	1.46	195	31.7

Sampling Notes:

Sample ID: MW-12	Date & Time: 8/11/10 15:30	Sampled By (Printed): TODD G. BOWN
Sample Analysis: 8260B		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY)		Chain of Custody Number: 1

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/11/10	Well ID: MW-2
Client: Ulster Realty Management	Name (Printed): TODD G. BOWN	Monitoring Well Diameter (in): 2
Location (City, State): Kingston, NY	Static Water Level (ft): 7.13	Total Well Depth (ft): 19.38

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)				Water Qaulity Meter (Manufacturer & Model)
	Bailer:		Waterra Tubing	Horiba U-22
	Peristaltic Pump ✓		Bladder Pump	
	Whale Pump		Other	

Condition of Monitoring Well

Is surface seal good?	(Yes)	No
Is well cover intact?	Yes	(No)
Is well cap present?	(Yes)	No
Are bolts missing?	(Yes)	No
Is well locked?	Yes	(No)

Initial Water Level (ft): 7.13	Start Time: 16:05	Flow Rate (ml/min): 400	Groundwater Stabilization Criteria:
Final Water Level (ft): 7.16	Stop Time: 16:30	Volume Purged (gal): NA	Temperature: ± 3°C / DO: + / - 10% mg/l
Sampling Depth (ft) 18.5	Notes:		pH: + / - 0.1 unit / ORP: + / - 10 mV
Gas Pressure (psi) NA			SC: + / - 3% mS/cm / Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1607	0	7.15	22.6	6.83	6.08	3.84	209	95.1
1612	5	7.16	22.4	6.50	5.92	2.29	206	65.1
1616	9	7.16	23.1	6.47	5.82	2.14	201	54
1620	13	7.16	22.6	6.45	5.89	2.26	199	59.6
1625	18	7.16	22.4	6.46	5.83	2.01	197	61.1
1630	23	7.16	22.8	6.46	5.66	2.05	195	50.2

Sampling Notes:

Sample ID: MW-2	Date & Time: 8/11/10 16:30	Sampled By (Printed): TODD G. BOWN
Sample Analysis: 8260B		Signature: Todd G Bown
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY)		Chain of Custody Number: 1

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/11/10	Well ID: MW-11
Client: Ulster Reality Management	Name (Printed): TODD G. BROWN	Monitoring Well Diameter (in): 1
Location (City, State): Kingston, NY	Static Water Level (ft): 7.36	Total Well Depth (ft): 13.36

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	Horiba U-22
	Peristaltic Pump ✓	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well		
Is surface seal good?	(Yes)	No
Is well cover intact?	(Yes)	No
Is well cap present?	(Yes)	No
Are bolts missing?	Yes	(No)
Is well locked?	Yes	(No)

Initial Water Level (ft): 7.36	Start Time: 17:02	Flow Rate (ml/min): 400	
Final Water Level (ft): 7.38	Stop Time: 17:30	Volume Purged (gal): NA	
Sampling Depth (ft) 12.5	Notes:		
Gas Pressure (psi) NA			

Groundwater Stabilization Criteria:

Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1704	0	7.36	23.5	7.33	1.01	3.55	145	182
1708	4	7.36	22.9	7.22	0.97	1.01	186	111
1712	8	7.36	22.7	7.15	1.04	0.35	185	40.6
1719	15	7.36	22.6	7.13	1.08	0.02	181	21.8
1724	20	7.38	22.6	7.13	1.11	0.00	176	15.6
1730	26	7.38	22.6	7.13	1.12	0.00	175	15.8

Sampling Notes:

Sample ID: MW-11	Date & Time: 8/11/10 17:30	Sampled By (Printed): TODD G. BROWN
Sample Analysis: 8260B, GRO - Trek Sample		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY) SIREM Analytical (Guelph, Ont. Can)		Chain of Custody Number: 1

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/11/12	Well ID: MW-3
Client: Ulster Reality Management	Name (Printed): TODD G. BOWN	Monitoring Well Diameter (in): 2
Location (City, State): Kingston, NY	Static Water Level (ft): 9.42	Total Well Depth (ft): 18.36

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			
Bailer:		Waterra Tubing	Water Qaulity Meter (Manufacturer & Model): Horiba U-22
Peristaltic Pump ✓		Bladder Pump	
Whale Pump		Other	

Condition of Monitoring Well

Is surface seal good?	(Yes)	No
Is well cover intact?	(Yes)	No
Is well cap present?	(Yes)	No
Are bolts missing?	Yes	(No)
Is well locked?	Yes	(No)

Initial Water Level (ft): 9.42	Start Time: 18:45	Flow Rate (ml/min): 400	Groundwater Stabilization Criteria:
Final Water Level (ft): 10.30	Stop Time: 19:05	Volume Purged (gal): NA	Temperature: ± 3°C / DO: + / - 10% mg/l
Sampling Depth (ft) 18.0	Notes:		pH: + / - 0.1 unit / ORP: + / - 10 mV
Gas Pressure (psi) NA			SC: + / - 3% mS/cm / Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1845	0	9.59	22.1	7.40	0.92	2.36	-55	163
1849	4	9.78	22.0	7.27	0.844	0.01	-69	169
1853	8	9.89	22.3	7.23	0.858	0.00	-71	181
1855	10	10.01	22.4	7.21	0.858	0.00	-68	130.0
1901	16	10.22	22.4	7.10	0.847	0.00	-40	154
1905	20	10.30	22.6	7.06	0.842	0.00	-35	143

Sampling Notes:

Sample ID: MW-3	Date & Time: 8/11/10 19:05	Sampled By (Printed): TODD G. BOWN
Sample Analysis: 8260B, GRO-TICK Sample		Signature: Todd G Bown
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY) SIREM Analytical (Guelph, Ont. CA)		Chain of Custody Number: 1

PALMERTON GROUP
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GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/11/10	Well ID: MW-8
Client: Ulster Reality Management	Name (Printed): TODD G. BOLON	Monitoring Well Diameter (in): 1
Location (City, State): Kingston, NY	Static Water Level (ft): 9.12	Total Well Depth (ft): 14.82

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	Horiba U-22
	Peristaltic Pump ✓	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well		
Is surface seal good?	(Yes)	No
Is well cover intact?	Yes	(No)
Is well cap present?	(Yes)	No
Are bolts missing?	~~Yes~~	~~No~~
Is well locked?	Yes	(No)

Initial Water Level (ft): 9.12	Start Time: 1950	Flow Rate (ml/min): 400	Groundwater Stabilization Criteria:
Final Water Level (ft): 13.30	Stop Time: 2015	Volume Purged (gal): NA	Temperature: ± 3°C / DO: + / - 10% mg/l
Sampling Depth (ft) 14.0	Notes:		pH: + / - 0.1 unit / ORP: + / - 10 mV
Gas Pressure (psi) NA			SC: + / - 3% mS/cm / Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1953	0	10.91	21.8	6.72	1.21	1.20	60	86.0
1959	6	12.81	20.4	6.69	1.18	0.00	52	66.4
2005	12	13.28	19.8	6.70	1.18	0.05	5	192
2009	16	13.30	19.9	6.67	1.18	0.45	7	148
2013	20	13.30	19.8	6.69	1.19	0.47	9	125
2015	22	13.30	19.7	6.72	1.19	0.08	6	73.2

Sampling Notes:

Sample ID: MW-8	Date & Time: 8/11/10 20:15	Sampled By (Printed): TODD G. BOLON
Sample Analysis: 826013		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY)		Chain of Custody Number: 1

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/12/10	Well ID: MW-13
Client: Ulster Realty Management	Name (Printed): TODD G. BOWN	Monitoring Well Diameter (in): 1
Location (City, State): Kingston, NY	Static Water Level (ft): 7.39	Total Well Depth (ft): 14.06

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)				Water Qaulity Meter (Manufacturer & Model)
	Bailer:		Waterra Tubing	Horiba U-22
	Peristaltic Pump ✓		Bladder Pump	
	Whale Pump		Other	

Condition of Monitoring Well

Is surface seal good?	(Yes)	No
Is well cover intact?	Yes Broken	(No)
Is well cap present?	(Yes)	No
Are bolts missing?	(Yes)	No
Is well locked?	Yes	(No)

Initial Water Level (ft): 7.39	Start Time: 0812	Flow Rate (ml/min): 400	Groundwater Stabilization Criteria:
Final Water Level (ft): 7.42	Stop Time: 0840	Volume Purged (gal): NA	Temperature: ± 3°C / DO: + / - 10% mg/l
Sampling Depth (ft) 13.0	Notes:		pH: + / - 0.1 unit / ORP: + / - 10 mV
Gas Pressure (psi) NA			SC: + / - 3% mS/cm / Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
0814	0	7.41	22.0	6.20	3.66	1.38	219	-5 (H)
0820	6	7.42	22.7	6.46	2.69	1.75	212	536
0825	11	7.41	23.0	6.50	2.66	0.75	210	171
0832	18	7.42	22.9	6.54	2.65	0.73	212	248
0840	26	7.42	22.8	6.51	2.68	0.72	219	-5 (H)

Sampling Notes:

Tubing slid down wall of well, pulled up silt (visually turbid), pulled tubing up and appeared cleared.

Sample ID: MW-13	Date & Time: 8/12/10 0840	Sampled By (Printed): TODD G. BOWN
Sample Analysis: 8260B		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY)		Chain of Custody Number:

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 09/12/10	Well ID: MW-4
Client: Ulster Reality Management	Name (Printed): Todd G. Bolon	Monitoring Well Diameter (in): 2
Location (City, State): Kingston, NY	Static Water Level (ft): 7.78	Total Well Depth (ft): 19.42

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	Horiba U-22
	Peristaltic Pump ✓	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well

Is surface seal good?	(Yes)	No
Is well cover intact?	(Yes)	No
Is well cap present?	(Yes)	No
Are bolts missing?	Yes	(No)
Is well locked?	Yes	(No)

Initial Water Level (ft): 7.78	Start Time: 0908	Flow Rate (ml/min): 400
Final Water Level (ft): 7.81	Stop Time: 0935	Volume Purged (gal): NA
Sampling Depth (ft) 18.5	Notes:	
Gas Pressure (psi) NA		

Groundwater Stabilization Criteria:

Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
0910	0	7.81	20.6	6.73	3.89	2.71	230	~5(H)
0915	5	7.81	20.1	6.70	3.89	1.74	221	439
0920	10	7.81	20.3	6.80	2.89	2.56	213	435
0926	16	7.81	20.4	6.83	2.45	3.27	211	412
0930	20	7.81	20.5	6.83	2.20	3.43	209	339
0935	25	7.81	20.7	6.85	2.16	3.45	208	315

Sampling Notes:

Sample ID: MW-4	Date & Time: 8/12/10 09:35	Sampled By (Printed): TODD G. BOLON
Sample Analysis: 8260B		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY)		Chain of Custody Number: 1

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/12/10	Well ID: MW-5
Client: Ulster Reality Management	Name (Printed): Todd G. Bown	Monitoring Well Diameter (in): 2
Location (City, State): Kingston, NY	Static Water Level (ft): 8.49	Total Well Depth (ft): 19.33

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	Horiba U-22
	Peristaltic Pump ✓	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well

Is surface seal good?	(Yes)	No
Is well cover intact?	(Yes)	No
Is well cap present?	(Yes)	No
Are bolts missing?	(Yes)	No
Is well locked?	Yes	(No)

Initial Water Level (ft): 8.49	Start Time: 1008	Flow Rate (ml/min): 400
Final Water Level (ft): 8.51	Stop Time: 1035	Volume Purged (gal): NA
Sampling Depth (ft) 19.0	Notes:	
Gas Pressure (psi) NA		

Groundwater Stabilization Criteria:

Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1009	0	8.51	20.8	6.56	7.38	4.85	234	562
1016	7	8.51	20.8	6.45	7.40	0.40	232	274
1021	12	8.51	21.1	6.45	7.27	0.38	229	213
1026	~~25~~ 17	8.51	21.2	6.49	6.94	0.98	231	169
1031	22	8.51	21.5	6.49	6.90	1.31	233	155
1035	26	8.51	21.7	6.49	6.86	1.38	233	98.3

Sampling Notes:

Sample ID: MW-5	Date & Time: 8/12/10 1035	Sampled By (Printed): TODD G. BOWN
Sample Analysis: 8260B		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY)		Chain of Custody Number: 1

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/12/10	Well ID: MW-14
Client: Ulster Reality Management	Name (Printed): TODD G. BOWN	Monitoring Well Diameter (in): 1
Location (City, State): Kingston, NY	Static Water Level (ft): 7.94	Total Well Depth (ft): 13.99

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)				Water Qaulity Meter (Manufacturer & Model)
	Bailer:		Waterra Tubing	Horiba U-22
	Peristaltic Pump	✓	Bladder Pump	
	Whale Pump		Other	

Condition of Monitoring Well		
Is surface seal good?	(Yes)	No
Is well cover intact?	(Yes)	No
Is well cap present?	(Yes)	No
Are bolts missing?	Yes	(No)
Is well locked?	Yes	(No)

Initial Water Level (ft): 7.94	Start Time: 1100	Flow Rate (ml/min): 400	
Final Water Level (ft): 7.96	Stop Time: 1130	Volume Purged (gal): NA	
Sampling Depth (ft) 13.0	Notes:		
Gas Pressure (psi) NA			

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1102	0	7.96	23.2	6.63	4.83	4.76	234	-5 (H)
1109	7	7.96	22.6	6.47	4.95	3.30	234	605
1114	12	7.96	22.5	6.45	5.12	3.02	234	475
1119	17	7.96	22.6	6.45	5.14	2.93	233	347
1125	23	7.96	22.6	6.42	5.55	2.73	232	205
1130	28	7.96	22.7	6.44	5.39	2.81	228	176

Sampling Notes:

Field Duplicate collected

Sample ID: MW-14	Date & Time: 8/12/10 1130	Sampled By (Printed): TODD G. BOWN
Sample Analysis: 8260B, Geo-Trek Sample		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY) SIREM Analytical (Guelph, Ont. CA)		Chain of Custody Number: 1 of 2

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/11/10	Well ID: MW-9
Client: Ulster Reality Management	Name (Printed): Todd G. Bown	Monitoring Well Diameter (in): 1
Location (City, State): Kingston, NY	Static Water Level (ft): 9.80	Total Well Depth (ft): 13.86

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			
Bailer: ✓	Waterra Tubing	Water Qaulity Meter (Manufacturer & Model) Horiba U-22	
Peristaltic Pump ✓	Bladder Pump		
Whale Pump	Other		

Condition of Monitoring Well		
Is surface seal good?	(Yes)	No
Is well cover intact?	(Yes)	No
Is well cap present?	(Yes)	No
Are bolts missing?	~~Yes~~	(No)
Is well locked?	Yes	(No)

Initial Water Level (ft): 9.80	Start Time: 1825	Flow Rate (ml/min): 400	
Final Water Level (ft): 12.60	Stop Time: 1830	Volume Purged (gal): NA	
Sampling Depth (ft) 12.0	Notes:		
Gas Pressure (psi) NA			

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1825	0	12.3	25.1	6.58	2.31	1.15	97	930
1830	5	12.55	23.3	6.60	2.06	0.85	92	-5(H)

Sampling Notes:

MW-9 went dry while attempting low flow sampling technique. Allowed to recharge for 12hrs then grab sample with bailer.

SWL 9.78ft on 8/12/10 @ 1205

Sample ID: MW-9	Date & Time: 8/12/10 12:00	Sampled By (Printed): TODD G. BOWN
Sample Analysis: 8260B		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY)		Chain of Custody Number: 2

PALMERTON GROUP
Environmental Consulting Services

GROUNDWATER SAMPLING REPORT

Project Number	Date (mmddyy): 08/11/10	Well ID: MW-10
Client: Ulster Reality Management	Name (Printed): Todd G. Bown	Monitoring Well Diameter (in): 1
Location (City, State): Kingston, NY	Static Water Level (ft): 11.30	Total Well Depth (ft): TGB 8/11/10 11:42 14.26

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)				Water Qaulity Meter (Manufacturer & Model)
	Bailer: ✓	Waterra Tubing		Horiba U-22
	Peristaltic Pump ✓	Bladder Pump		
	Whale Pump	Other		

Condition of Monitoring Well		
Is surface seal good?	(Yes)	No
Is well cover intact?	(Yes)	No
Is well cap present?	(Yes)	No
Are bolts missing?	Yes	(No)
Is well locked?	Yes	(No)

Initial Water Level (ft): 11.3	Start Time: 1703	Flow Rate (ml/min): 400	Groundwater Stabilization Criteria:
Final Water Level (ft): 13.2	Stop Time: 1707	Volume Purged (gal): NA	Temperature: ± 3°C / DO: + / - 10% mg/l
Sampling Depth (ft) 13.5	Notes:		pH: + / - 0.1 unit / ORP: + / - 10 mV
Gas Pressure (psi) NA			SC: + / - 3% mS/cm / Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1706	0	13.2	20.7	7.0	0.749	1.96	-53	-5(H)

Sampling Notes:
MW-10 went dry while attempting low flow sampling technique. Allowed to recharge for 12hrs. then grab sample with bailer.

SWL 10.88 on 8/12/10 @ 1155

Sample ID: MW-10	Date & Time: 8/12/10 12:00	Sampled By (Printed): TODD G. BOWN
Sample Analysis: 8260B		Signature:
Analytical Laboratory (Name and Location): Paradigm Environmental (Rochester, NY)		Chain of Custody Number: 2

Appendix B

Laboratory Analytical Report – August 11 & 12, 2010

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report Cover Page

The Palmerton Group

For Lab Project # 10-3320A
Issued August 25, 2010
This report contains a total of 144 pages

The reported results relate only to the samples as they have been received by the laboratory.

Any noncompliant QC parameters having impact on the data are flagged or documented on the final report.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of frequently used data flags and their meaning:

"ND" = analyzed for but not detected.
"E" = Result has been estimated, calibration limit exceeded.
"D" = Duplicate results outside QC limits. May indicate a non-homogenous matrix.
"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.
"B" = Method blank contained trace levels of analyte. Refer to included method blank report.
"V" = Sample concentration is >10 times the spike. No meaningful Spike Recovery can be calculated.
"J" = Any hits present between the Quantitation limit and half the Quantitation limit.
"Z" = Please refer to included Case Narrative for explanation.

LAB PROJECT NARRATIVE 10-3320A
PROJECT NAME: Office Depot Plaza
SDG: 10896
CLIENT: The Palmerton Group

Thirteen water samples and one Trip Blank were collected by The Palmerton Group on 08/11/2010 and 08/12/2010 and received at the Paradigm laboratory on 08/13/2010. Container and holding times were acceptable at time of receipt; the samples were received at 3° Centigrade and were on ice. Samples were submitted with the Chains-of-Custody requesting VOCs by method 8260B. All analyses were performed using EPA SW-846 methods and holding times.

GENERAL NOTES

The initial and continuing calibration reports are only evaluated for compounds that are on the sample summary report.

Regarding results on QC summary forms versus included raw data, due to calculations made at the instrument where many significant figures may be used, there may be slight discrepancies between the summary report result and that recorded on the raw data. This does not affect data usability.

Regarding initial calibrations, it should be noted that the Quantitation Report concentrations supplied for the initial calibration reflect the calibration prior to updating. The response factors and areas are correct.

Regarding Quantitation Reports, it should be noted that the "#" symbol that appears on some of the Quantitation Reports is a software artifact and should be disregarded.

VOLATILES

Holding times were met for all samples.

Sample surrogate recoveries were within acceptance limits for all samples and QC.

Site specific QC was not requested on this SDG. All laboratory control samples recovered within acceptance limits.

The method blanks were free from contamination within the reportable range.

The instrument tunes passed all criteria.

The internal standards areas and retention times were within acceptance ranges.

All data for the initial calibrations was within acceptance limits. Compounds flagged with an "*" on the summary table have been calibrated using a non-average Response Factor calibration curve. The supporting curves are located after the initial calibration table. (see method 8000B, section 7.5.1.2.1).

All continuing calibration data was within acceptance limits.

(signed)_____ (date) 8/27/2010

Bruce Hoogesteger- Technical Director

SDG# : 10896 BATCH COMPLETE: 8/13/2010
LAB PROJECT #: 10-3320A DATE: 8/18/2010
CLIENT: The Palmerton Group DATE DUE: 9/10/2010
PROJECT NAME: Office Depot Plaza PROTOCOL: SW846

LAB.SAMPLE#	FIELD ID	MATRIX	REQUESTED ANALYSIS	DATE SAMPLED	DATE REC'D
10896	MW-1	Water	8260	8/11/2010	8/13/2010
10897	MW-12	Water	8260	8/11/2010	8/13/2010
10898	MW-2	Water	8260	8/11/2010	8/13/2010
10899	MW-11	Water	8260	8/11/2010	8/13/2010
10900	MW-3	Water	8260	8/11/2010	8/13/2010
10901	MW-8	Water	8260	8/11/2010	8/13/2010
10902	MW-13	Water	8260	8/12/2010	8/13/2010
10903	MW-4	Water	8260	8/12/2010	8/13/2010
10904	MW-5	Water	8260	8/12/2010	8/13/2010
10905	MW-14	Water	8260	8/12/2010	8/13/2010
10906	Field Duplicate	Water	8260	8/12/2010	8/13/2010
10907	MW-10	Water	8260	8/12/2010	8/13/2010
10908	MW-9	Water	8260	8/12/2010	8/13/2010
10909	Trip Blank	Water	8260	8/11/2010	8/13/2010

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

-5-

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:			
COMPANY: The Palmerton Group		COMPANY: Same		LAB PROJECT #: 10-3320A	CLIENT PROJECT #:
ADDRESS: 6296 Fly Rd		ADDRESS:			
CITY: Syracuse STATE: NY ZIP: 13057		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: (315) 463-5300 FAX:		PHONE: FAX:		STD 10-DAY OTHER	
ATTN: t.bowe@palmertongroup.com		ATTN:		1 2 3 5 X	
PROJECT NAME/SITE NAME: Office Depot Plaza	COMMENTS: ASP Cat B package needed. per JH/JD 8/13 EAH 8/13			Quotation # JH0080910	

per p. 2 of COC

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE (EAH 8/13)	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/11/10	1420		X	MW-1	AQ	2	X									8260 TCL ASP	10896
2	↓	1530		X	MW-12	↓	↓	X									2008 for all	10897
3	↓	1630		X	MW-2	↓	↓	X									samples, per ASP request form. EAH 8/13	10898
4	↓	1730		X	MW-11	↓	↓	X										10899
5	↓	1905		X	MW-3	↓	↓	X										10900
6	↓	2015		X	MW-8	↓	↓	X										10901
7	8/12/10	0840		X	MW-13	↓	↓	X										10902
8	↓	0935		X	MW-4	↓	↓	X										10903
9	↓	1035		X	MW-5	↓	↓	X										10904
10	↓	1130		X	MW-14	↓	↓	X									Cooler hand delivered to lab by client so Custody Seals N/A. EAH 8/13	10905

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y X	N
Comments:		
Preservation:	Y X	N
Comments:		
Holding Time:	Y X	N
Comments:		
Temperature:	Y X	N
Comments: 3° iced at 10am 8/13		

Sampled By	8/13/10 0900 Date/Time	Total Cost:
Relinquished By	8/13/10 0900 Date/Time	
Received By	8/13 900 Date/Time	P.I.F.
Elizabeth A. Honch Received @ Lab By	8/13/10 1645 Date/Time	

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

-6-

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:			
COMPANY: Pemberton Group		COMPANY: Same		LAB PROJECT #: 10-3320A	CLIENT PROJECT #:
ADDRESS: 6796 Fly Rd		ADDRESS:			
CITY: Syracuse STATE: NY ZIP: 13057		CITY: STATE: ZIP:		TURNAROUND TIME: (WORKING DAYS)	
PHONE: (315) 463-5300 FAX:		PHONE: FAX:		STD ☐ 1 ☐ 2 ☐ 3 ☐ 5	10-Day OTHER ☒
PROJECT NAME/SITE NAME: Office Depot Plaza	ATTN: t.bowe@pemberton group	ATTN:		Quotation #	
	COMMENTS:				

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	8260									REMARKS	PARADIGM LAB SAMPLE NUMBER
1	8/12/10	—	—	X	FIELD DUPLICATE	AQ	2	X										10906
2	↓	1200		X	MW-10	↓	↓	X										10907
3	↓	1210		X	MW-9	↓	↓	X										10908
4	8/11/10	—	—	X	TRIP BLANK	↓	1	X										10909
5	per Paradigm policy. EAH 8/13																	
6																		
7																		
8																		
9																		
10																		

LAB USE ONLY BELOW THIS LINE

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☒	N ☐
Comments:		
Preservation:	Y ☒	N ☐
Comments:		
Holding Time:	Y ☒	N ☐
Comments:		
Temperature:	Y ☒	N ☐
Comments: 3°C iced at 10am 8/13		

Sampled By — Date/Time: 8/13/10 0900

Relinquished By — Date/Time: 8/13/10 0900

Received By — Date/Time: 8/13/10 0900

Received @ Lab By: Elizabeth A Honch — Date/Time: 8/13/10 1645

Total Cost:

P.I.F.

Lab Project # 10-3320A **Client** Palmerton

Internal Sample Sign-out Sheet-Refrigerator A, B, C, D, E, F

Sample #	Container code	Initials	Date/Time out	Date/Time in
10896	V1	MB	8/19/10 1403	8/19/10 1530
↓	V2	↓	↓	↓
10897	V1			
↓	V2			
10898	V1			
↓	V2			
10899	V1			
↓	V2			
10900	V1			
↓	V2			
10901	V1			
↓	V2			
10902	V1			
↓	V2			
10903	V1			
↓	V2			
10904	V1			
↓	V2			
10905	V1			
↓	V2			
10906	V1			
↓	V2			
10907	V1			
↓	V2			
10908	V1			
↓	V2			
10909	V	↓	↓	↓
10898	V2	MB	8/20/10 1217	8/20/10 1410
10903	↓	↓	↓	↓
10904				
10905				
10906				
10907				

Lab Project Number	Lab Sample Number	Client/Project Name/Number	Log in Date	Log in Time	Matrix	Log in Init.	pH	Temp	Sample By	Sample Date & Time	Organic Analysis	Metal Analysis	Rotation Tasks	Sub-Out Analysis	Cont. Code
10-3320A	10896	Palmerton Group MW-1	8/13	1645	W	EAH	~~N~~ <2 cc EAH 8/13	3°C iced	Client	8/11	8260 TCL ASP 2008				VI, V2
	10897	Office Depot 12													
	10898	Plaza 2													
	10899	11													
	10900	3													
	10901	8								↓					
	10902	13								8/12					
	10903	4													
	10904	5													
	10905	14													
	10906	Field Duplicate													
	10907	MW-10													
	10908	9													
↓	10909	Trip Blank	↓	↓	↓	↓	↓	↓	↓	8/11	↓				V
10-3321	10910	[redacted]	8/13	1700	soil	EAH	NA	26°C	Client	8/13			TS, TVS		G2
	10911														
	10912														
↓	10913		↓	↓	↓	↓	↓	↓	↓	↓			↓		↓
10-3322	10914	[redacted]	8/13 cc	1700 3Q cc EAH 8/13	pt	EAH	NA	25°C	Client	8/13		Pb			PB
	10915											↓			↓
↓	10916		↓	↓	↓	↓	↓	↓	↓	↓					
10-3323	10917	[redacted]	8/16	1025	air	EAH	NA	NA	Client	8/13			total dust		A
↓	10918		↓	↓	↓	↓	↓	↓	↓	↓			↓		↓
10-3324	10919	[redacted]	8/16	1120	air	EAH	NA	NA	Client	8/13		Pb			A
↓	10920		↓	↓	↓	↓	↓	↓	↓	8/14		↓			↓

VOLATILE ORGANICS

QC SUMMARY

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: Paradigm Environmental Services Client Name: The Palmerton Group

Lab Project #: 10-3320A Client Project #: N/A SDG No.: 10896

Client Project Name: Office Depot Plaza

	SAMPLE NO.	SMC1 (PFB)	SMC2 (DCE)	SMC3 (TOL)	SMC4 (BFB)	TOT OUT
01	Water LRB 08/19/10	85.6	80.9	87.5	85.8	0
02	Water LRB 08/20/10	94.7	97.1	101	91.5	0
03	MW-1 10896	84.5	80.7	89.1	88.4	0
04	MW-12 10897	90.4	88.8	96.0	94.6	0
05	MW-2 10898	79.6	90.7	88.6	90.8	0
06	MW-11 10899	92.6	88.6	96.1	93.1	0
07	MW-3 10900	96.5	97.0	102	94.4	0
08	MW-8 10901	99.5	94.1	101	91.1	0
09	MW-13 10902	88.2	92.3	100	91.0	0
10	MW-4 10903	80.4	92.1	90.4	92.0	0
11	MW-5 10904	82.5	92.6	85.8	87.5	0
12	MW-14 10905	88.2	97.9	98.0	91.6	0
13	Field Duplicate 10906	78.6	92.6	87.3	84.6	0
14	MW-10 10907	90.6	100	95.3	93.0	0
15	MW-9 10908	84.7	92.5	91.7	91.4	0
16	Trip Blank 10909	87.5	99.9	96.4	92.7	0
17						
18						
19						
20						

		QC LIMITS
SMC1	Pentafluorobenzene	(70.1-123)
SMC2	1,2-Dichloroethane-d4	(70.7-106)
SMC3	Toluene-d8	(69.6-113)
SMC4	4-Bromofluorobenzene	(66.5-107)

* Values outside of current required QC limits

D System Monitoring Compound diluted out

FORM II VOA-1

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: Water LCS 08/19/10
SDG# : 10896

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 08/19/2010

Spiked Compound	Blank Results in ug / L	LCS Spiked in ug / L	LCS Results in ug / L	LCS Percent Recovery	MSD Spiked in ug / L	MSD Results in ug / L	MSD Percent Recovery	MS / MSD % RPD
1,1-Dichloroethene	ND< 2.00	50.0	46.0	92.0	N/A	N/A	N/A	N/A
Benzene	ND< 0.700	50.0	46.0	92.0	N/A	N/A	N/A	N/A
Trichloroethene	ND< 2.00	50.0	50.7	101	N/A	N/A	N/A	N/A
Toluene	ND< 2.00	50.0	49.6	99.2	N/A	N/A	N/A	N/A
Chlorobenzene	ND< 2.00	50.0	50.9	102	N/A	N/A	N/A	N/A

ELAP Number 10958 Data File: V77663.D Data File: V77662.D Method: EPA 8260B

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: Water LCS 08/20/10
SDG# : 10896

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 08/20/2010

Spiked Compound	Blank Results in ug / L	LCS Spiked in ug / L	LCS Results in ug / L	LCS Percent Recovery	MSD Spiked in ug / L	MSD Results in ug / L	MSD Percent Recovery	MS / MSD % RPD
1,1-Dichloroethene	ND< 2.00	50.0	51.2	102	N/A	N/A	N/A	N/A
Benzene	ND< 0.700	50.0	45.2	90.4	N/A	N/A	N/A	N/A
Trichloroethene	ND< 2.00	50.0	45.2	90.4	N/A	N/A	N/A	N/A
Toluene	ND< 2.00	50.0	48.1	96.2	N/A	N/A	N/A	N/A
Chlorobenzene	ND< 2.00	50.0	48.1	96.2	N/A	N/A	N/A	N/A

ELAP Number 10958 Data File: V77688.D Data File: V77687.D Method: EPA 8260B

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis QC Limits

Limits effective: Jul 01,2010
Through: Sep 30,2010

Spiked Compound	Soil Spike Limits		Soil % RPD Limits		Water Spike Limits		Water % RPD Limits	
	Lower %	Upper %	Lower %	Upper %	Lower %	Upper %	Lower %	Upper %
1,1-Dichloroethene	55.1	148	0	44.6	53.9	134	0	52.5
Benzene	84.5	117	0	21.7	81.0	115	0	18.1
Trichloroethene	85.6	120	0	16.6	79.4	121	0	23.4
Toluene	83.4	118	0	15.5	77.5	122	0	26.3
Chlorobenzene	79.1	118	0	27.6	81.6	120	0	28.6

ELAP Number 10958

Method: EPA 8260B

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

Water LRB 08/19/10

Lab Name: Paradigm Environmental Services Client Name: The Palmerton Group

Lab Project #: 10-3320A Client Project #: N/A SDG No.: 10896

Client Project Name: Office Depot Plaza

Lab File ID: V77663.D Lab Sample ID: Water LRB 08/19/10

Date Analyzed: 8/19/2010 Time Analyzed: 16:02

GC Column: microbore ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: Instrument #1

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	N/A	Water LCS 08/19/10	V77662.D	15:38
02	MW-1	10896	V77671.D	19:11
03	MW-12	10897	V77672.D	19:34
04	MW-11	10899	V77674.D	20:21
05	MW-3	10900	V77675.D	20:45
06	MW-8	10901	V77676.D	21:09
07	MW-13	10902	V77677.D	21:32
08	MW-9	10908	V77683.D	23:53
09	Trip Blank	10909	V77684.D	00:17
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

SAMPLE NO.

Water LRB 08/20/10

Lab Name: Paradigm Environmental Services Client Name: The Palmerton Group

Lab Project #: 10-3320A Client Project #: N/A SDG No.: 10896

Client Project Name: Office Depot Plaza

Lab File ID: V77688.D Lab Sample ID: Water LRB 08/20/10

Date Analyzed: 8/20/2010 Time Analyzed: 12:45

GC Column: microbore ID: 0.53 (mm) Heated Purge: (Y/N) Y

Instrument ID: Instrument #1

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

	CLIENT SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	N/A	Water LCS 08/20/10	V77687.D	12:22
02	MW-2	10898	V77706.D	19:50
03	MW-4	10903	V77707.D	20:14
04	MW-5	10904	V77708.D	20:38
05	MW-14	10905	V77709.D	21:01
06	Field Duplicate	10906	V77710.D	21:25
07	MW-10	10907	V77711.D	21:48
08				
09				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

COMMENTS:

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE(BFB)

Lab Name: Paradigm Environmental Services Client Name: The Palmerton Group

Lab Project #: 10-2230A Client Project #: N/A SDG#: 10896

Client Project Name: Office Depot Plaza

Lab File ID: V77406.D BFB Injection Date: 8/11/2010

Instrument ID: Instrument #1 BFB Injection Time: 16:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0-40.0% of mass 95	15.2
75	30.0-60.0% of mass 95	45.9
95	Base peak, 100%relative abundance	100.0
96	5.0-9.0% of mass 95	6.6
173	Less then 2.0% of mass 174	0.2 (0.2)1
174	50.0-100.0% of mass 95	83.1
175	5.0-9.0% of mass 174	5.8 (7.0)1
176	95.0-101.0% of mass 174	82.0 (98.8)1
177	5.0-9.0% of mass176	5.4 (6.6)2

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

This check applies to the following Samples, MS, MSD, Blanks & Standards

	Client Sample #	Lab Sample #	Lab File ID	Date Analyzed	Time Analyzed
1	N/A	1ppb mega Cal	V77407.D	8/11/2010	16:46
2	N/A	2ppb mega Cal	V77408.D	8/11/2010	17:10
3	N/A	5ppb mega Cal	V77409.D	8/11/2010	17:33
4	N/A	10ppb mega Cal	V77410.D	8/11/2010	17:56
5	N/A	50ppb mega Cal	V77411.D	8/11/2010	18:20
6	N/A	100ppb mega Cal	V77412.D	8/11/2010	18:43
7	N/A	200ppb mega Cal	V77413.D	8/11/2010	19:06
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE(BFB)

Lab Name: Paradigm Environmental Services Client Name: The Palmerton Group

Lab Project #: 10-3320A Client Project #: N/A SDG#: 10896

Client Project Name: Office Depot Plaza

Lab File ID: V77660.D BFB Injection Date: 8/19/2010

Instrument ID: Instrument #1 BFB Injection Time: 14:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0-40.0% of mass 95	15.0
75	30.0-60.0% of mass 95	50.8
95	Base peak, 100%relative abundance	100.0
96	5.0-9.0% of mass 95	6.1
173	Less then 2.0% of mass 174	0.0 (0.0)1
174	50.0-100.0% of mass 95	74.7
175	5.0-9.0% of mass 174	6.1 (8.2)1
176	95.0-101.0% of mass 174	74.9 (100.3)1
177	5.0-9.0% of mass176	4.6 (6.1)2

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

This check applies to the following Samples, MS, MSD, Blanks & Standards

	Client Sample #	Lab Sample #	Lab File ID	Date Analyzed	Time Analyzed
1	N/A	50ppb mega CC	V77661.D	8/19/2010	15:15
2	N/A	Water LRB 08/19/10	V77663.D	8/19/2010	16:02
3	N/A	Water LCS 08/19/10	V77662.D	8/19/2010	15:38
4	MW-1	10896	V77671.D	8/19/2010	19:11
5	MW-12	10897	V77672.D	8/19/2010	19:34
6	MW-11	10899	V77674.D	8/19/2010	20:21
7	MW-3	10900	V77675.D	8/19/2010	20:45
8	MW-8	10901	V77676.D	8/19/2010	21:09
9	MW-13	10902	V77677.D	8/19/2010	21:32
10	MW-9	10908	V77683.D	8/19/2010	23:53
11	Trip Blank	10909	V77684.D	8/19/2010	00:17
12					
13					
14					
15					
16					
17					
18					

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

BROMOFLUOROBENZENE(BFB)

Lab Name: Paradigm Environmental Services Client Name: The Palmerton Group

Lab Project #: 10-3320A Client Project #: N/A SDG#: 10896

Client Project Name: Office Depot Plaza

Lab File ID: V77685.D BFB Injection Date: 8/20/2010

Instrument ID: Instrument #1 BFB Injection Time: 11:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0-40.0% of mass 95	17.5
75	30.0-60.0% of mass 95	51.2
95	Base peak, 100%relative abundance	100.0
96	5.0-9.0% of mass 95	7.2
173	Less then 2.0% of mass 174	0.2 (0.2)1
174	50.0-100.0% of mass 95	97.3
175	5.0-9.0% of mass 174	5.9 (6.1)1
176	95.0-101.0% of mass 174	95.8 (98.5)1
177	5.0-9.0% of mass176	5.8 (6.0)2

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

This check applies to the following Samples, MS, MSD, Blanks & Standards

	Client Sample #	Lab Sample #	Lab File ID	Date Analyzed	Time Analyzed
1	N/A	50ppb mega CC	V77686.D	8/20/2010	11:58
2	N/A	Water LRB 08/20/10	V77688.D	8/20/2010	12:45
3	N/A	Water LCS 08/20/10	V77687.D	8/20/2010	12:22
4	MW-2	10898	V77706.D	8/20/2010	19:50
5	MW-4	10903	V77707.D	8/20/2010	20:14
6	MW-5	10904	V77708.D	8/20/2010	20:38
7	MW-14	10905	V77709.D	8/20/2010	21:01
8	Field Duplicate	10906	V77710.D	8/20/2010	21:25
9	MW-10	10907	V77711.D	8/20/2010	21:48
10					
11					
12					
13					
14					
15					
16					
17					
18					

FORM V VOA

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Paradigm Environmental Services Client Name: The Palmerton Group

Lab Project #: 10-3320A Client Project #: N/A SDG#: 10896

Client Project Name: Office Depot Plaza

Lab File ID: V77660.D Date Analyzed: 8/19/2010

Instrument ID: Instrument #1 Time Analyzed: 14:52

Heated Purge: Y

		IS1	FB	IS2	CB	IS3	1,4-DCB
		AREA	RT	AREA	RT	AREA	RT
	12 HOUR STD	374492	5.08	296318	8.02	160220	10.56
	UPPER LIMIT	748984	5.58	592636	8.52	320440	11.06
	LOWER LIMIT	187246	4.58	148159	7.52	80110	10.06
	LAB SAMPLE#						
1	Water LRB 08/19/10	381611	5.08	291382	8.02	167883	10.56
2	Water LCS 08/19/10	388947	5.07	278210	8.02	164501	10.56
3	10896	373525	5.08	273096	8.02	166140	10.56
4	10897	347097	5.08	251396	8.02	148671	10.56
5	10899	325495	5.08	244462	8.02	146612	10.56
6	10900	312528	5.08	252397	8.02	148548	10.56
7	10901	308957	5.08	257246	8.02	152827	10.56
8	10902	325954	5.07	260860	8.02	145582	10.56
9	10908	314235	5.08	220908	8.02	127928	10.56
10	10909	290137	5.07	202464	8.02	127966	10.56
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1=Fluorobenzene

IS2=Chlorobenzene-d5

IS3=1,4-Dichlorobenzene-d4

AREA UPPER LIMIT=+100% of internal standard area

AREA LOWER LIMIT=-50% of internal standard area

RT UPPER LIMIT=+.50 minutes of internal standard RT

RT LOWER LIMIT=-.50 minutes of internal standard RT

*Values outside of QC limits

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Paradigm Environmental Services Client Name: The Palmerton Group

Lab Project #: 10-3320A Client Project #: N/A SDG#: 10896

Client Project Name: Office Depot Plaza

Lab File ID: V77686.D Date Analyzed: 8/20/2010

Instrument ID: Instrument #1 Time Analyzed: 11:58

Heated Purge: Y

		IS1 AREA	FB RT	IS2 AREA	CB RT	IS3 AREA	1,4-DCB RT
	12 HOUR STD	339542	5.07	245243	8.02	138321	10.56
	UPPER LIMIT	679084	5.57	490486	8.52	276642	11.06
	LOWER LIMIT	169771	4.57	122622	7.52	69161	10.06
	LAB SAMPLE#						
1	Water LRB 08/20/10	299065	5.08	225072	8.02	132254	10.56
2	Water LCS 08/20/10	337277	5.08	261545	8.02	141237	10.56
3	10898	309986	5.07	218537	8.02	126590	10.56
4	10903	296314	5.08	212544	8.02	118521	10.56
5	10904	294820	5.08	211882	8.02	119441	10.56
6	10905	268155	5.08	209071	8.02	117145	10.56
7	10906	289218	5.08	205668	8.02	113646	10.56
8	10907	264289	5.08	193338	8.02	113865	10.56
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							

IS1=Fluorobenzene

IS2=Chlorobenzene-d5

IS3=1,4-Dichlorobenzene-d4

AREA UPPER LIMIT=+100% of internal standard area

AREA LOWER LIMIT=-50% of internal standard area

RT UPPER LIMIT=+.50 minutes of internal standard RT

RT LOWER LIMIT=-.50 minutes of internal standard RT

*Values outside of QC limits

Instrument: 73 VOA
Matrix: Water
Date Run: 3/3/2010 & 3/17/2010
Target (in ppb) 0.5
* = Target (in ppb) 1.0

		MDL1	MDL2	MDL3	MDL4	MDL5	MDL6	MDL7			
	Compound	Data File: V73710.D	Data File: V73711.D	Data File: V73712.D	Data File: V73713.D	Data File: V73714.D	Data File: V73715.D	Data File: V73716.D	Standard Deviation	MDL	Pass / Fail 10% Rule
*2	Dichlorodifluoromethane	0.920	0.874	0.895	0.836	0.824	0.852	0.845	0.0344	0.1080	
3	Chloromethane	0.545	0.575	0.527	0.520	0.535	0.505	0.321	0.0836	0.2627	
4	Vinyl chloride	0.388	0.384	0.323	0.415	0.403	0.394	0.396	0.0297	0.0934	
5	Bromomethane	0.614	0.661	0.629	0.637	0.659	0.631	0.573	0.0297	0.0932	
6	Chloroethane	0.503	0.608	0.479	0.839	0.699	0.654	0.568	0.1235	0.3881	
7	Trichlorofluoromethane	1.487	1.436	0.980	1.035	1.118	1.176	1.252	0.1926	0.6053	
8	Ethyl ether	0.415	0.476	0.438	0.448	0.471	0.478	0.402	0.0303	0.0953	
9	Freon 113	0.464	0.524	0.456	0.552	0.493	0.521	0.528	0.0357	0.1121	
10	1,1-Dichloroethene	0.464	0.457	0.454	0.492	0.493	0.444	0.463	0.0188	0.0592	
*11	Acetone	4.865	5.066	5.606	5.007	5.961	5.915	6.683	0.6555	2.0603	
12	Carbon disulfide	0.437	0.380	0.373	0.405	0.422	0.427	0.397	0.0241	0.0757	
13	Methyl acetate	0.763	0.912	0.744	0.754	0.772	0.727	0.639	0.0809	0.2542	
14	Methylene chloride	3.404	4.207	0.814	1.560	1.906	3.107	3.614	1.2412	3.9010	
15	Acrylonitrile	0.524	0.385	0.381	0.445	0.461	0.507	0.481	0.0559	0.1758	
17	Methyl tert-butyl Ether	0.454	0.488	0.447	0.503	0.485	0.469	0.428	0.0262	0.0823	
18	trans-1,2-Dichloroethene	0.496	0.471	0.477	0.469	0.543	0.577	0.492	0.0410	0.1288	
19	1,1-Dichloroethane	0.448	0.467	0.442	0.470	0.478	0.519	0.466	0.0250	0.0787	
*20	Vinyl acetate	0.646	0.593	0.584	0.553	0.505	0.530	0.488	0.0550	0.1729	
21	2,2-Dichloropropane	0.435	0.423	0.427	0.430	0.400	0.422	0.379	0.0199	0.0626	
22	2-Butanone	0.565	0.576	0.459	0.522	0.319	0.539	0.561	0.0914	0.2871	
23	cis-1,2-Dichloroethene	0.552	0.478	0.432	0.431	0.422	0.447	0.408	0.0490	0.1540	
24	Bromochloromethane	0.474	0.497	0.452	0.502	0.475	0.481	0.516	0.0211	0.0664	
25	Chloroform	0.518	0.496	0.490	0.534	0.544	0.498	0.487	0.0225	0.0707	
28	1,1,1-Trichloroethane	0.568	0.491	0.450	0.487	0.471	0.447	0.414	0.0485	0.1525	
30	Carbon Tetrachloride	0.461	0.473	0.407	0.428	0.490	0.447	0.425	0.0293	0.0921	
31	Benzene	0.473	0.473	0.455	0.467	0.469	0.451	0.429	0.0159	0.0501	
32	1,2-Dichloroethane	0.495	0.512	0.466	0.520	0.532	0.527	0.561	0.0298	0.0937	
33	Trichloroethene	0.479	0.441	0.390	0.449	0.414	0.468	0.407	0.0330	0.1038	
34	Methylcyclohexane	0.308	0.297	0.269	0.296	0.290	0.284	0.255	0.0181	0.0568	
36	1,2-Dichloropropane	0.459	0.476	0.497	0.474	0.435	0.471	0.440	0.0219	0.0688	
38	Dibromomethane	0.445	0.480	0.456	0.556	0.470	0.539	0.483	0.0419	0.1318	
39	Bromodichloromethane	0.445	0.435	0.409	0.464	0.439	0.418	0.404	0.0214	0.0671	
40	2-Chloroethyl vinyl Ether	0.078	0.072	0.088	0.114	0.101	0.066	0.077	0.0170	0.0534	
*42	1,1-Dichloropropene	0.989	0.893	0.904	0.890	0.865	0.928	0.911	0.0394	0.1238	
*43	cis-1,3-Dichloropropene	0.820	0.762	0.727	0.719	0.684	0.683	0.708	0.0484	0.1521	
44	4-Methyl-2-pentanone	0.401	0.409	0.362	0.216	0.351	0.242	0.307	0.0753	0.2368	
46	Toluene	0.453	0.473	0.431	0.432	0.416	0.417	0.389	0.0274	0.0862	

47	trans-1,3-Dichloropropene	0.303	0.308	0.285	0.306	0.303	0.304	0.256	0.0190	0.0596
48	1,1,2-Trichloroethane	0.612	0.519	0.501	0.497	0.530	0.524	0.479	0.0428	0.1345
49	1,3-Dichloropropane	0.433	0.444	0.420	0.439	0.413	0.469	0.410	0.0205	0.0646
50	Tetrachloroethene	0.663	0.501	0.515	0.574	0.555	0.583	0.537	0.0539	0.1695
51	2-Hexanone	0.424	0.416	0.361	0.388	0.352	0.335	0.320	0.0400	0.1256
52	Dibromochloromethane	0.339	0.352	0.300	0.363	0.318	0.361	0.307	0.0260	0.0818
53	1,2-Dibromoethane	0.401	0.411	0.387	0.434	0.405	0.441	0.345	0.0320	0.1005
55	Chlorobenzene	0.531	0.522	0.478	0.563	0.521	0.517	0.498	0.0266	0.0835
56	1,1,1,2-Tetrachloroethane	0.471	0.454	0.453	0.524	0.476	0.457	0.461	0.0250	0.0786
57	Ethylbenzene	0.443	0.418	0.400	0.434	0.416	0.421	0.381	0.0205	0.0645
58	m,p-Xylene	0.737	0.693	0.687	0.739	0.676	0.666	0.631	0.0384	0.1206
59	o-Xylene	0.298	0.303	0.261	0.284	0.267	0.268	0.262	0.0175	0.0549
60	Styrene	0.303	0.292	0.252	0.293	0.262	0.270	0.233	0.0252	0.0793
61	Bromoform	0.279	0.328	0.285	0.321	0.305	0.304	0.300	0.0176	0.0552
62	Isopropylbenzene	0.257	0.267	0.232	0.264	0.239	0.255	0.225	0.0163	0.0513
63	1,2,3-Trichloropropane	0.476	0.556	0.454	0.577	0.537	0.509	0.455	0.0495	0.1556
65	Bromobenzene	0.395	0.389	0.367	0.368	0.366	0.362	0.317	0.0253	0.0795
66	1,1,2,2-Tetrachloroethane	0.462	0.545	0.495	0.525	0.512	0.484	0.479	0.0290	0.0911
67	n-Propylbenzene	0.297	0.295	0.288	0.269	0.266	0.250	0.234	0.0238	0.0748
68	2-Chlorotoluene	0.320	0.303	0.292	0.283	0.303	0.260	0.250	0.0250	0.0786
69	4-Chlorotoluene	0.341	0.318	0.306	0.304	0.270	0.330	0.278	0.0258	0.0812
70	1,3,5-Trimethylbenzene	0.308	0.257	0.249	0.267	0.238	0.231	0.222	0.0287	0.0901
71	tert-Butylbenzene	0.296	0.289	0.252	0.269	0.238	0.222	0.212	0.0322	0.1012
72	1,2,4-Trimethylbenzene	0.308	0.268	0.246	0.274	0.228	0.243	0.219	0.0306	0.0961
73	sec-Butylbenzene	0.285	0.260	0.223	0.258	0.231	0.239	0.207	0.0263	0.0828
74	p-Isopropyltoluene	0.296	0.285	0.249	0.278	0.262	0.249	0.230	0.0234	0.0737
76	1,3-Dichlorobenzene	0.407	0.410	0.361	0.405	0.369	0.385	0.333	0.0288	0.0905
77	1,4-Dichlorobenzene	0.514	0.548	0.508	0.572	0.558	0.573	0.528	0.0269	0.0847
78	n-Butylbenzene	0.309	0.300	0.248	0.298	0.258	0.280	0.247	0.0262	0.0823
79	1,2-Dichlorobenzene	0.388	0.421	0.403	0.432	0.423	0.422	0.375	0.0211	0.0662
81	1,2-Dibromo-3-Chloropropa	0.327	0.284	0.267	0.271	0.288	0.310	0.256	0.0251	0.0789
82	1,2,4-Trichlorobenzene	0.370	0.349	0.302	0.341	0.287	0.302	0.287	0.0333	0.1046
83	1,2,3-Trichlorobenzene	0.374	0.370	0.367	0.352	0.337	0.331	0.309	0.0242	0.0759
84	Hexachlorobutadiene	0.496	0.472	0.452	0.480	0.440	0.475	0.418	0.0266	0.0837
85	Naphthalene	0.327	0.287	0.277	0.273	0.248	0.253	0.230	0.0317	0.0996
86	Cyclohexane	0.316	0.331	0.293	0.337	0.293	0.296	0.305	0.0182	0.0571

VOLATILE ORGANICS

SAMPLE DATA

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-1
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10896

Date Sampled: 08/11/2010
Date Received: 08/13/2010
Date Analyzed: 08/19/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77671.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogestegen, Technical Director

Quantitation Report (Not Reviewed) PALMERTON 10-3320 A25-TCL

Data File: C:\msdchem\1\DATA\081910\V77671.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 7:11 pm
Sample : WATER #10896
Misc : 5ml
ALS Vial : 13 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:35 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound		R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards						
1) Fluorobenzene		5.076	96	373525	50.00 ug/L	0.00
54) Chlorobenzene-d5		8.022	117	273096	50.00 ug/L	0.00
75) 1,4-Dichlorobenzene-d4		10.562	152	166140	50.00 ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene		4.500	168	159603	42.27 ug/L	0.00
Spiked Amount	50.000	Range 70 - 123		Recovery =	84.54%	
29) 1,2-Dichloroethane-d4		4.777	65	85124	40.36 ug/L	0.01
Spiked Amount	50.000	Range 71 - 106		Recovery =	80.72%	
45) Toluene-D8		6.560	98	301129	44.57 ug/L	0.00
Spiked Amount	50.000	Range 70 - 113		Recovery =	89.14%	
64) 4-Bromofluorobenzene		9.282	95	155169	44.20 ug/L	0.00
Spiked Amount	50.000	Range 67 - 107		Recovery =	88.40%	
Target Compounds						Qvalue
11) Acetone		2.653	43	3268	Below Cal <10	87
14) Methylene chloride		3.006	84	1148	Below Cal <5	96
44) 4-Methyl-2-pentanone		6.560	43	1070	0.67 ug/L # <1	1
50) Tetrachloroethene		7.174	166	1706	0.72 ug/L <2	92
86) Cyclohexane		4.500	56	2611	0.82 ug/L # <1	64

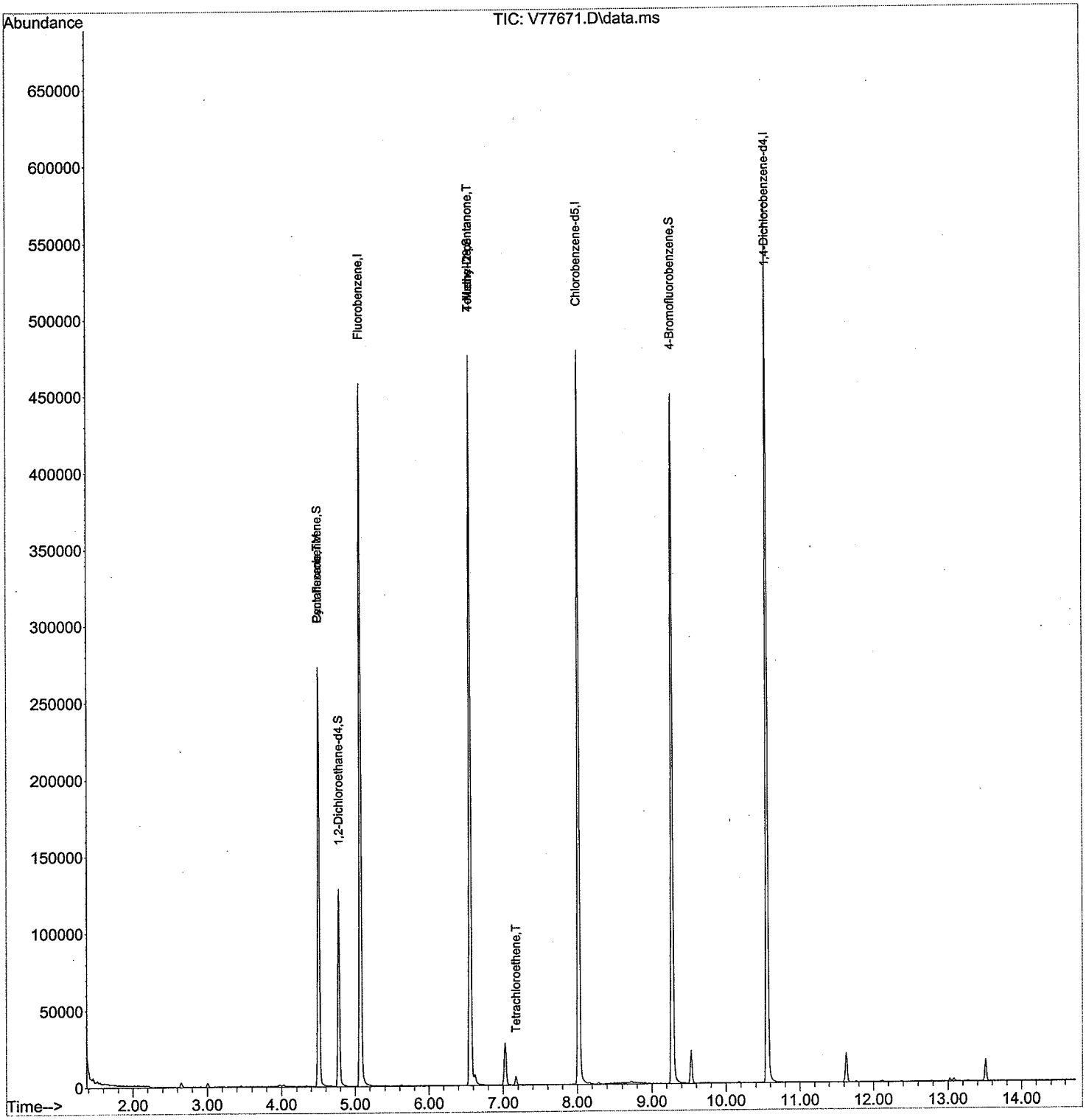
8/20 mm

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

Data File: C:\msdchem\1\DATA\081910\V77671.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 7:11 pm
Sample : WATER #10896
Misc : 5ml
ALS Vial : 13 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:35 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-12
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10897

Date Sampled: 08/11/2010
Date Received: 08/13/2010
Date Analyzed: 08/19/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	J 1.02
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77672.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77672.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 7:34 pm
Sample : WATER #10897
Misc : 5ml
ALS Vial : 14 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:39 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.075	96	347097	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.016	117	251396	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.556	152	148671	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.504	168	158543	45.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 90.38%			
29) 1,2-Dichloroethane-d4	4.777	65	86856	44.40	ug/L	0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 88.80%			
45) Toluene-D8	6.559	98	300362	48.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 96.00%			
64) 4-Bromofluorobenzene	9.276	95	152840	47.29	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 94.58%			
Target Compounds						Qvalue
11) Acetone	2.653	43	3367	Below Cal <10		87
14) Methylene chloride	3.010	84	1013	Below Cal <5		88
80) Tetrachloroethene	7.173	166	2264	1.02	ug/L	95

8/20 m

J

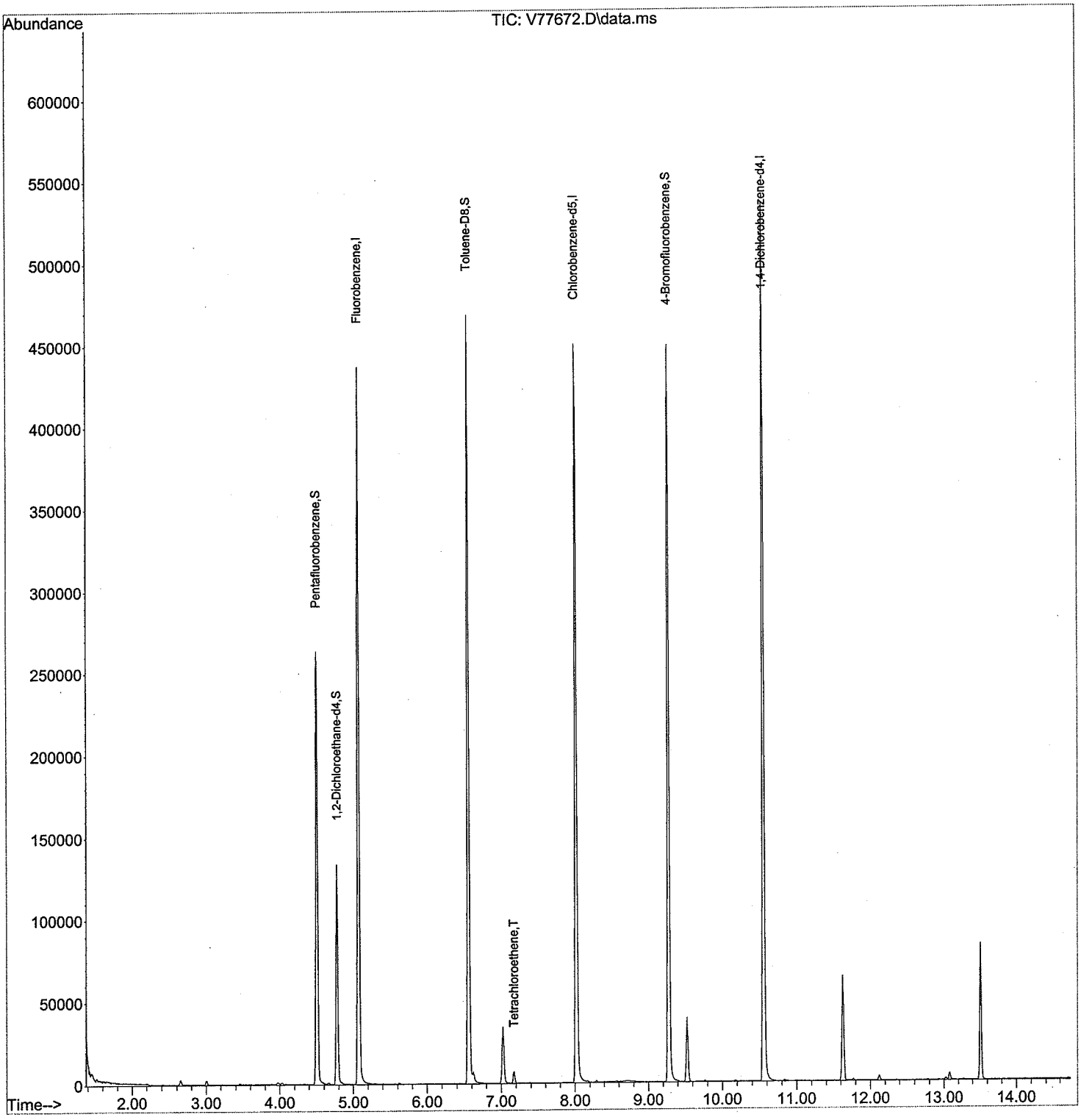
(#) = qualifier out of range (m) = manual integration (+) = signals summed

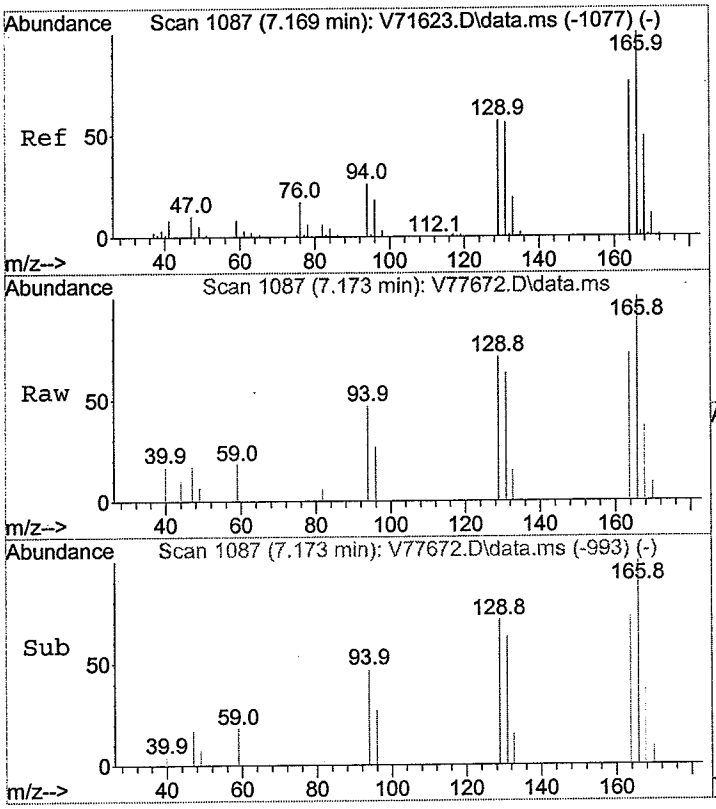
Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77672.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 7:34 pm
Sample : WATER #10897
Misc : 5ml
ALS Vial : 14 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:39 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

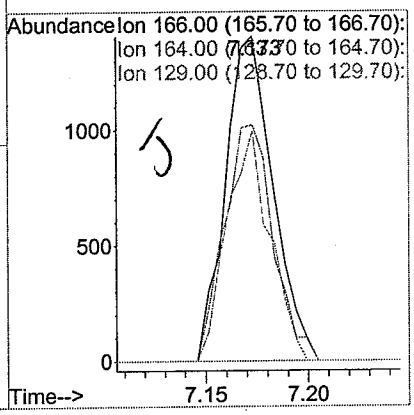




#50
Tetrachloroethene
Concen: 1.02 ug/L
RT: 7.173 min Scan# 1087
Delta R.T. 0.002 min
Lab File: V77672.D
Acq: 19 Aug 2010 7:34 pm

Tgt Ion:166 Resp: 2264

Ion	Ratio	Lower	Upper
166	100		
164	74.6	56.8	96.8
129	64.3	38.0	78.0



8/20 pm

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-2
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10898

Date Sampled: 08/11/2010
Date Received: 08/13/2010
Date Analyzed: 08/20/2010

Compound	Results in ug / L
Acetone	ND< 25.0
Benzene	ND< 1.75
Bromochloromethane	ND< 12.5
Bromodichloromethane	ND< 5.00
Bromoform	ND< 12.5
Bromomethane	ND< 5.00
2-Butanone	ND< 25.0
Carbon disulfide	ND< 12.5
Carbon Tetrachloride	ND< 5.00
Chlorobenzene	ND< 5.00
Chloroethane	ND< 5.00
Chloroform	ND< 5.00
Chloromethane	ND< 5.00
Cyclohexane	ND< 25.0
Dibromochloromethane	ND< 5.00
1,2-Dibromo-3-Chloropropane	ND< 25.0
1,2-Dibromoethane	ND< 5.00
1,2-Dichlorobenzene	ND< 5.00
1,3-Dichlorobenzene	ND< 5.00
1,4-Dichlorobenzene	ND< 5.00
Dichlorodifluoromethane	ND< 12.5
1,1-Dichloroethane	ND< 5.00
1,2-Dichloroethane	ND< 5.00
1,1-Dichloroethene	ND< 5.00
cis-1,2-Dichloroethene	ND< 5.00
trans-1,2-Dichloroethene	ND< 5.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 5.00
cis-1,3-Dichloropropene	ND< 5.00
trans-1,3-Dichloropropene	ND< 5.00
Ethylbenzene	ND< 5.00
2-Hexanone	ND< 12.5
Isopropylbenzene	ND< 12.5
Methyl acetate	ND< 5.00
Methyl tert-butyl Ether	ND< 5.00
Methylcyclohexane	ND< 5.00
Methylene chloride	ND< 12.5
4-Methyl-2-pentanone	ND< 12.5
Styrene	ND< 12.5
1,1,2,2-Tetrachloroethane	ND< 5.00
Tetrachloroethene	305
Toluene	ND< 5.00
Freon 113	ND< 5.00
1,2,3-Trichlorobenzene	ND< 12.5
1,2,4-Trichlorobenzene	ND< 12.5
1,1,1-Trichloroethane	ND< 5.00
1,1,2-Trichloroethane	ND< 5.00
Trichloroethene	J 3.87
Trichlorofluoromethane	ND< 5.00
Vinyl chloride	ND< 5.00
m,p-Xylene	ND< 5.00
o-Xylene	ND< 5.00

ELAP Number 10958 Method: EPA 8260B Data File: V77706.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed) LANCASTER 10-332042-TCL

Data File: C:\msdchem\1\DATA\082010\V77706.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 7:50 pm
Sample : WATER #10898
Misc : 2ml
ALS Vial : 22 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:08 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.073	96	309986	50.00 ug/L	0.00
54) Chlorobenzene-d5	8.019	117	218537	50.00 ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.560	152	126590	50.00 ug/L	0.00
System Monitoring Compounds					
26) Pentafluorobenzene	4.508	168	124656	39.78 ug/L	0.00
Spiked Amount 50.000	Range 70 - 123			Recovery = 79.56%	
29) 1,2-Dichloroethane-d4	4.775	65	79149	45.33 ug/L	0.00
Spiked Amount 50.000	Range 71 - 106			Recovery = 90.66%	
45) Toluene-D8	6.557	98	248342	44.28 ug/L	0.00
Spiked Amount 50.000	Range 70 - 113			Recovery = 88.56%	
64) 4-Bromofluorobenzene	9.279	95	127589	45.41 ug/L	0.00
Spiked Amount 50.000	Range 67 - 107			Recovery = 90.82%	
Target Compounds					Qvalue
11) Acetone	2.656	43	3503	Below Cal #10	79
14) Methylene chloride	3.003	84	1384	Below Cal #5	83
33) Trichloroethene	5.404	130	2497	1.55 ug/L #	76
44) 4-Methyl-2-pentanone	6.557	43	832	0.63 ug/L #5	1
48) 1,1,2-Trichloroethane	7.171	97	1728	1.21 ug/L #	5
50) Tetrachloroethene	7.171	166	241580	122.03 ug/L	94
86) Cyclohexane	4.502	56	2093	0.87 ug/L #10	70

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

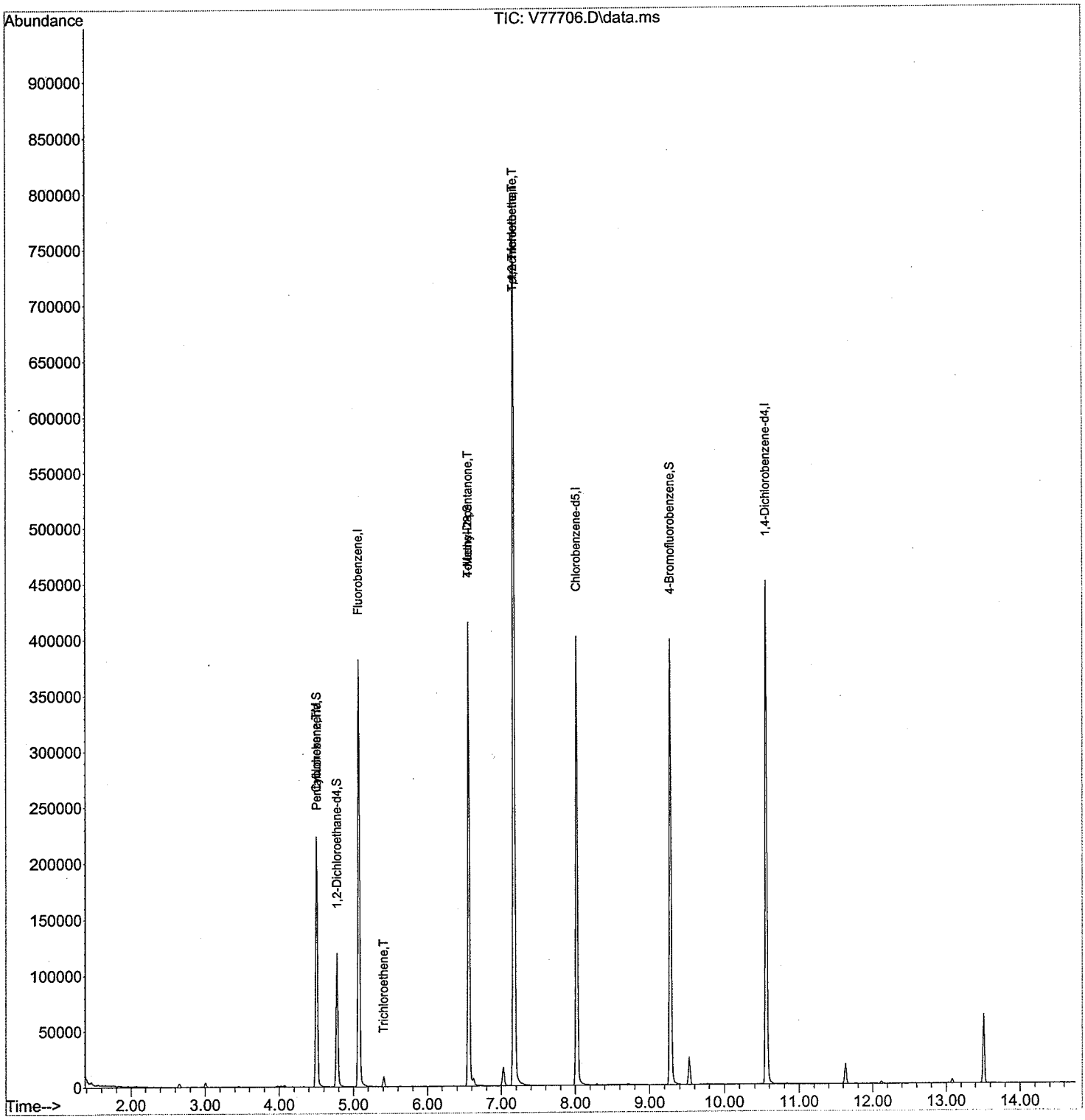
J 8/23 mm

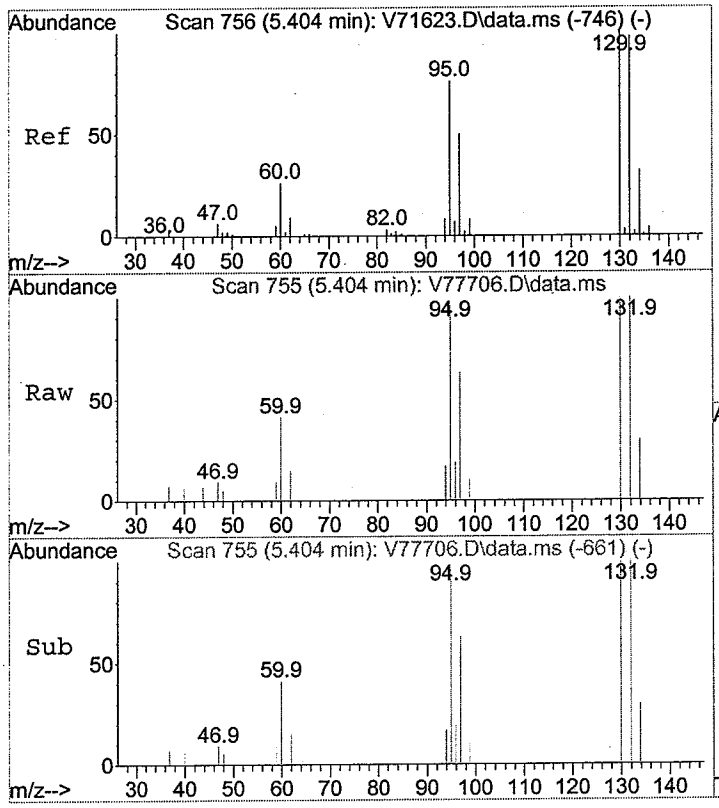
Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\082010\V77706.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 7:50 pm
Sample : WATER #10898
Misc : 2ml
ALS Vial : 22 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:08 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

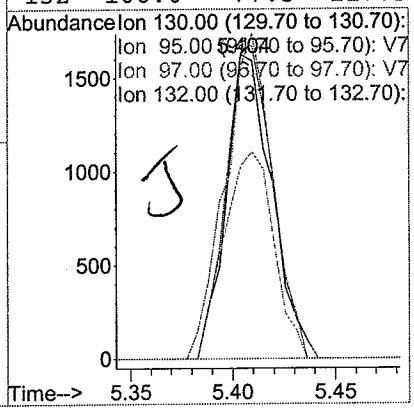




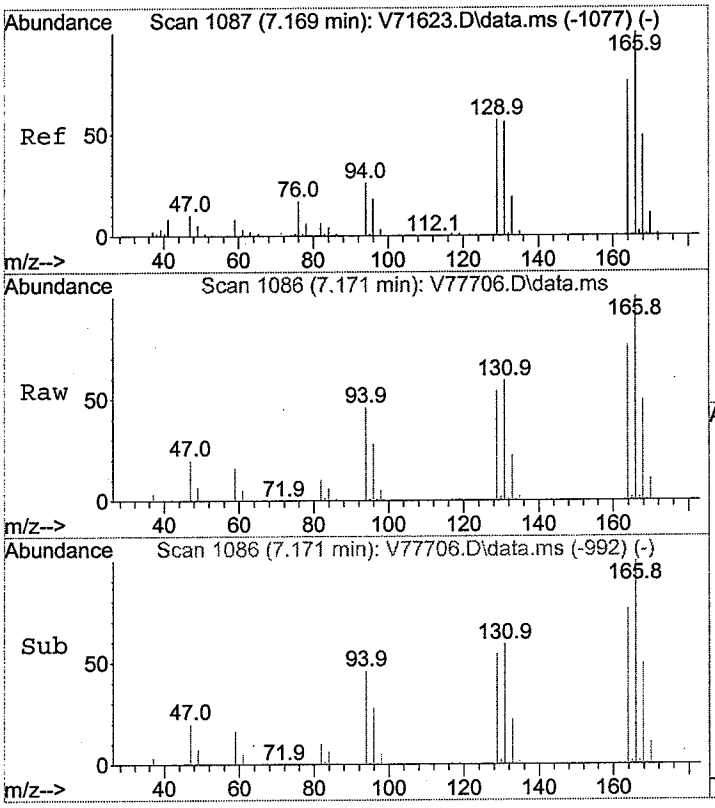
#33
Trichloroethene
Concen: 1.55 ug/L
RT: 5.404 min Scan# 755
Delta R.T. 0.004 min
Lab File: V77706.D
Acq: 20 Aug 2010 7:50 pm

Tgt Ion:130 Resp: 2497

Ion	Ratio	Lower	Upper
130	100		
95	111.9	58.9	98.9#
97	74.1	31.3	71.3#
132	106.0	77.3	117.3



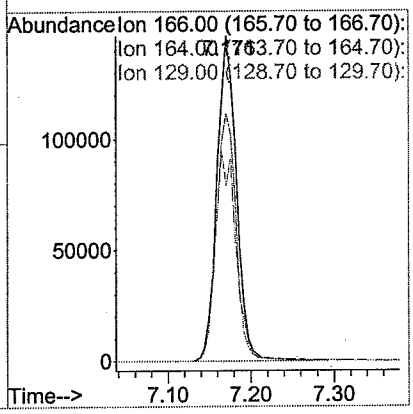
8/23 pm



#50
Tetrachloroethene
Concen: 122.03 ug/L
RT: 7.171 min Scan# 1086
Delta R.T. -0.000 min
Lab File: V77706.D
Acq: 20 Aug 2010 7:50 pm

Tgt Ion:166 Resp: 241580

Ion	Ratio	Lower	Upper
166	100		
164	78.0	56.8	96.8
129	67.4	38.0	78.0



8/23 rm

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-11
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10899

Date Sampled: 08/11/2010
Date Received: 08/13/2010
Date Analyzed: 08/19/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	2.47
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	175
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	17.2
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77674.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77674.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 8:21 pm
Sample : WATER #10899
Misc : 5ml
ALS Vial : 16 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:47 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.079	96	325495	50.00 ug/L	0.00
54) Chlorobenzene-d5	8.019	117	244462	50.00 ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.560	152	146612	50.00 ug/L	0.00
System Monitoring Compounds					
26) Pentafluorobenzene	4.508	168	152301	46.29 ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 92.58%		
29) 1,2-Dichloroethane-d4	4.775	65	81246	44.29 ug/L	0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 88.58%		
45) Toluene-D8	6.557	98	281874	48.03 ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 96.06%		
64) 4-Bromofluorobenzene	9.273	95	146254	46.54 ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 93.08%		
Target Compounds					Qvalue
11) Acetone	2.651	43	2642	Below Cal	88
14) Methylene chloride	3.008	84	956	Below Cal	96
23) cis-1,2-Dichloroethene	4.070	96	4788	2.47 ug/L	93
33) Trichloroethene	5.410	130	29020	17.15 ug/L #	82
44) 4-Methyl-2-pentanone	6.552	43	1004	0.72 ug/L #	1
50) Tetrachloroethene	7.176	166	364024	175.12 ug/L	94
63) 1,2,3-Trichloropropane	9.524	110	409	0.67 ug/L #	1

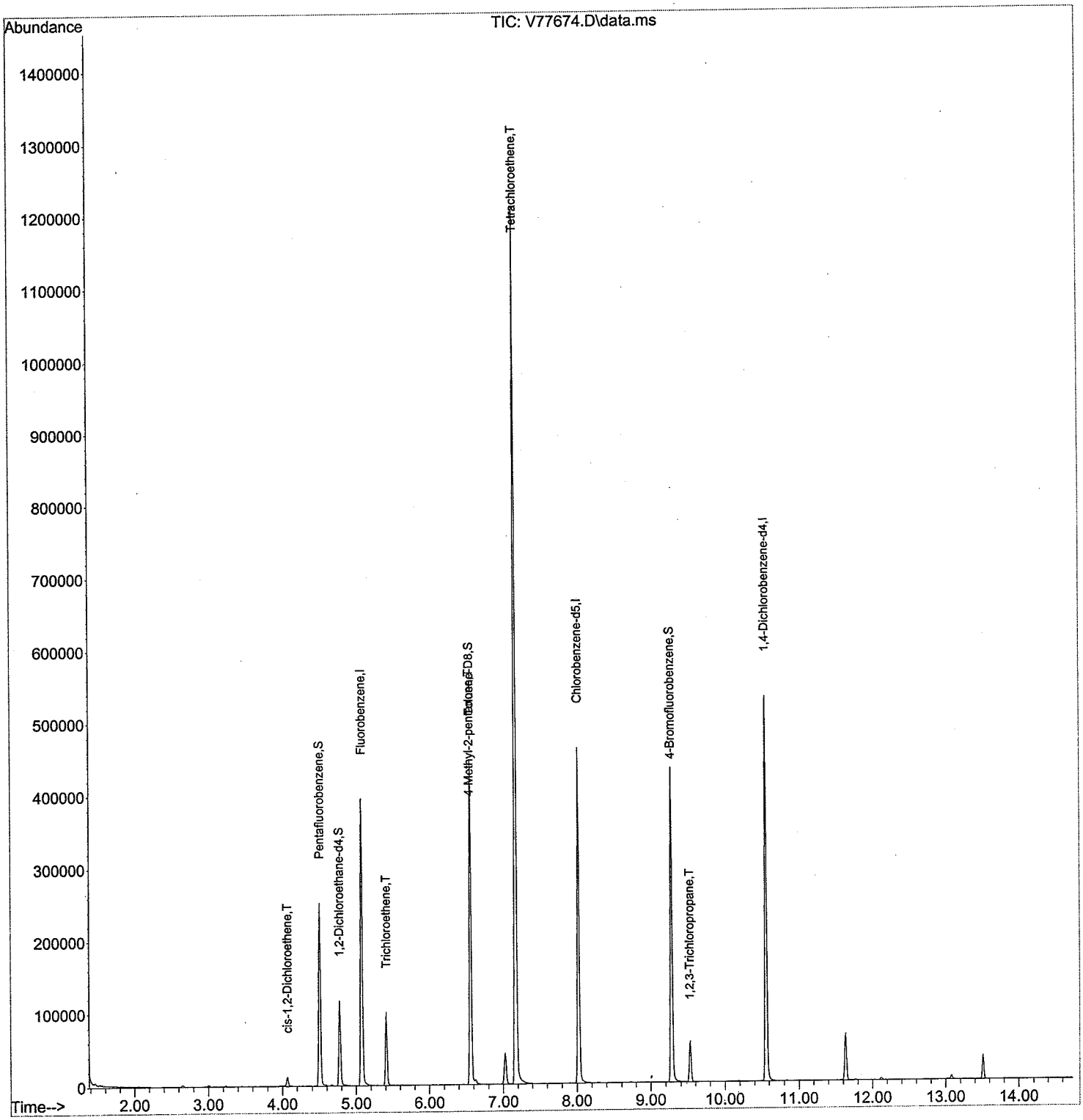
8/20 MS

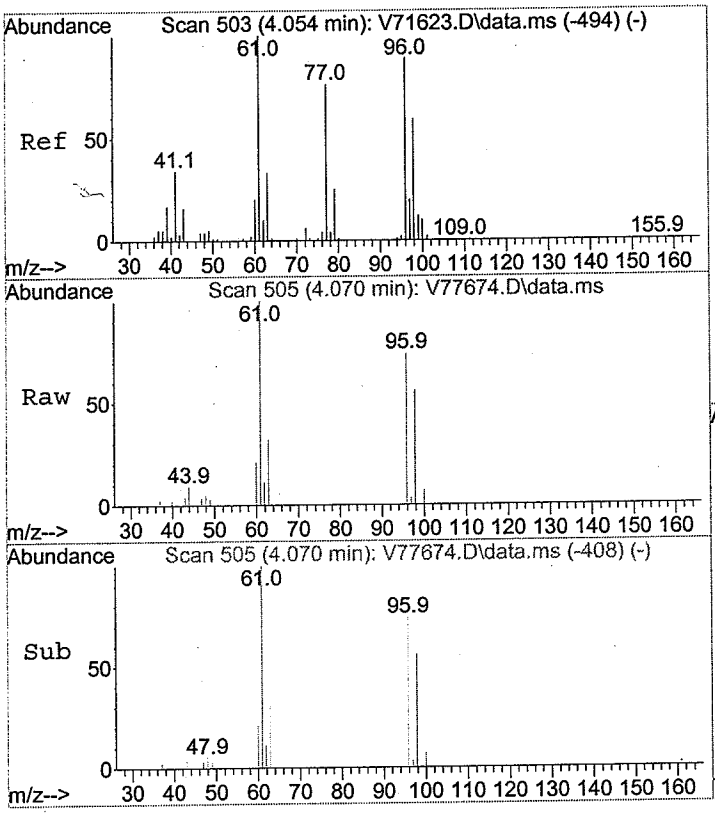
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File: C:\msdchem\1\DATA\081910\V77674.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 8:21 pm
Sample : WATER #10899
Misc : 5ml
ALS Vial : 16 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:47 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

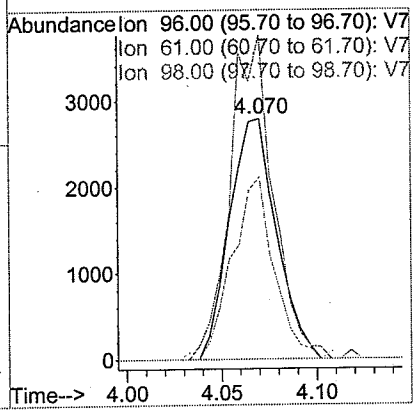




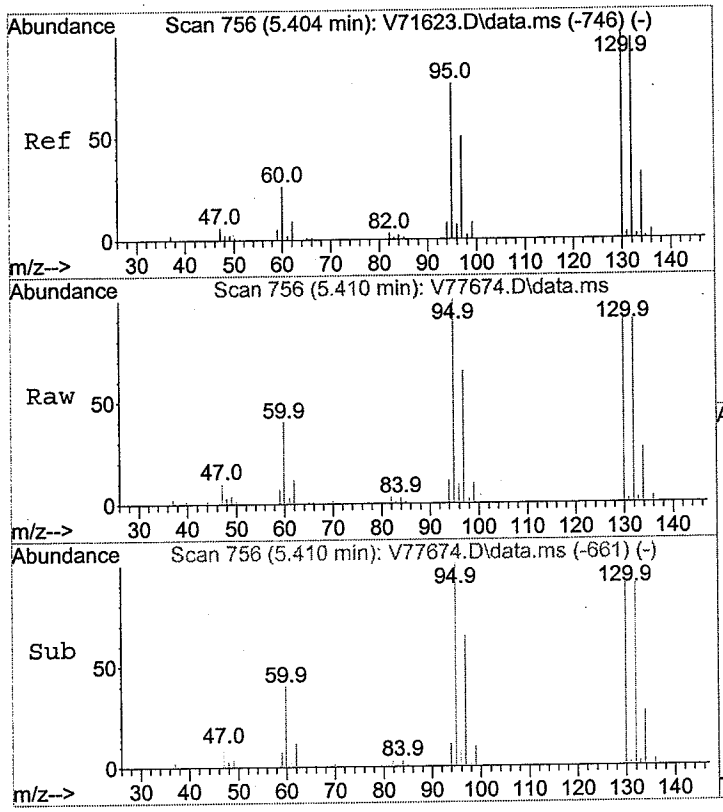
#23
cis-1,2-Dichloroethene
Concen: 2.47 ug/L
RT: 4.070 min Scan# 505
Delta R.T. 0.015 min
Lab File: V77674.D
Acq: 19 Aug 2010 8:21 pm

Tgt Ion: 96 Resp: 4788

Ion	Ratio	Lower	Upper
96	100		
61	124.7	93.6	133.6
98	68.0	46.1	86.1



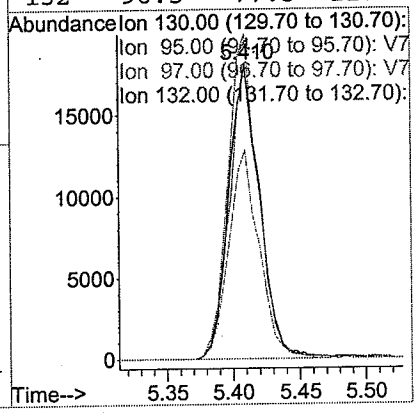
8/20 m



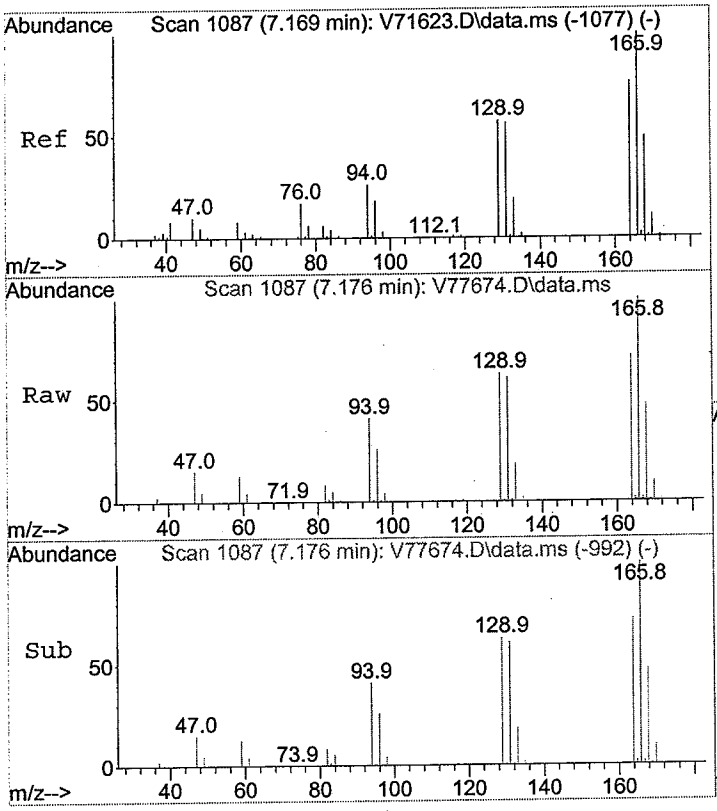
#33
Trichloroethene
Concen: 17.15 ug/L
RT: 5.410 min Scan# 756
Delta R.T. 0.009 min
Lab File: V77674.D
Acq: 19 Aug 2010 8:21 pm

Tgt Ion:130 Resp: 29020

Ion	Ratio	Lower	Upper
130	100		
95	108.8	58.9	98.9#
97	69.6	31.3	71.3
132	96.5	77.3	117.3



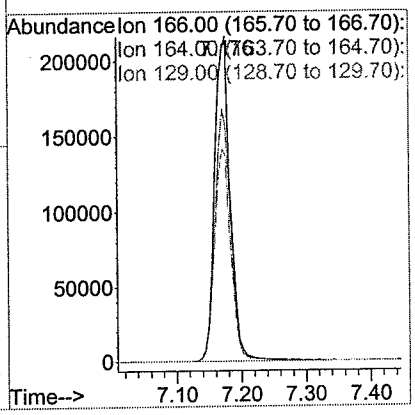
8/20 am



#50
Tetrachloroethene
Concen: 175.12 ug/L
RT: 7.176 min Scan# 1087
Delta R.T. 0.005 min
Lab File: V77674.D
Acq: 19 Aug 2010 8:21 pm

Tgt Ion:166 Resp: 364024

Ion	Ratio	Lower	Upper
166	100		
164	77.9	56.8	96.8
129	67.8	38.0	78.0



8/20 AM

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-3
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10900

Date Sampled: 08/11/2010
Date Received: 08/13/2010
Date Analyzed: 08/19/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	21.4
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77675.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

This report is part of a multipage document and should only be evaluated in its entirety. Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt.

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77675.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 8:45 pm
Sample : WATER #10900
Misc : 5ml
ALS Vial : 17 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:51 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) Fluorobenzene		5.075	96	312528	50.00	ug/L	0.00
54) Chlorobenzene-d5		8.020	117	252397	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4		10.555	152	148548	50.00	ug/L	0.00
System Monitoring Compounds							
26) Pentafluorobenzene		4.504	168	152469	48.26	ug/L	0.00
Spiked Amount	50.000	Range 70 - 123		Recovery =	96.52%		
29) 1,2-Dichloroethane-d4		4.776	65	85247	48.50	ug/L	0.01
Spiked Amount	50.000	Range 71 - 106		Recovery =	97.00%		
45) Toluene-D8		6.558	98	287570	51.19	ug/L	0.00
Spiked Amount	50.000	Range 70 - 113		Recovery =	102.38%		
64) 4-Bromofluorobenzene		9.280	95	153119	47.19	ug/L	0.00
Spiked Amount	50.000	Range 67 - 107		Recovery =	94.38%		
Target Compounds							Qvalue
11) Acetone		2.652	43	2385	Below Cal		90
14) Methylene chloride		3.009	84	896	Below Cal		93
23) cis-1,2-Dichloroethene		4.066	96	992	0.53	ug/L	94
33) Trichloroethene		5.405	130	1110	0.68	ug/L #	80
44) 4-Methyl-2-pentanone		6.558	43	979	0.73	ug/L #	1
50) Tetrachloroethene		7.172	166	42701	21.39	ug/L	93

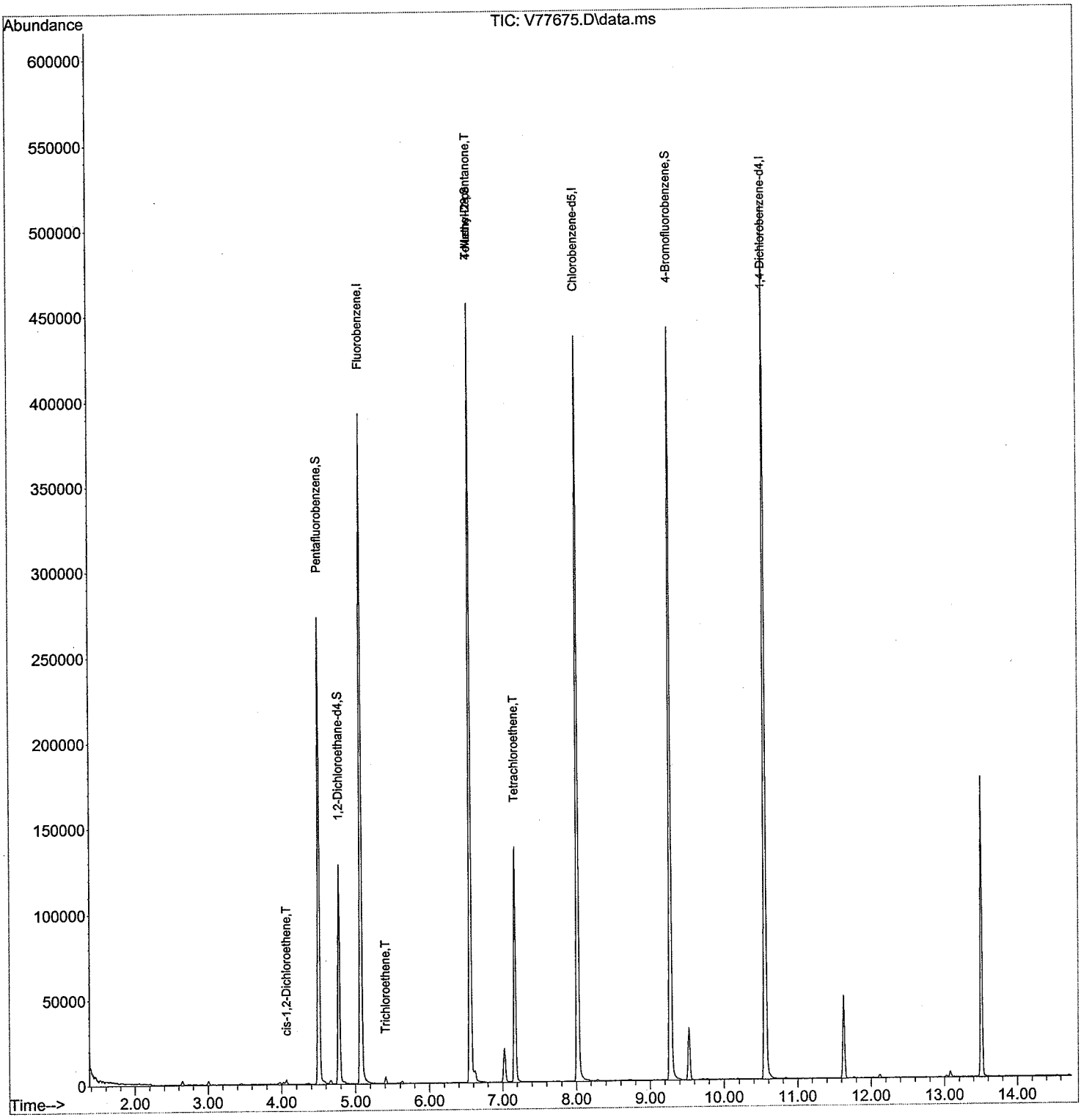
(#) = qualifier out of range (m) = manual integration (+) = signals summed

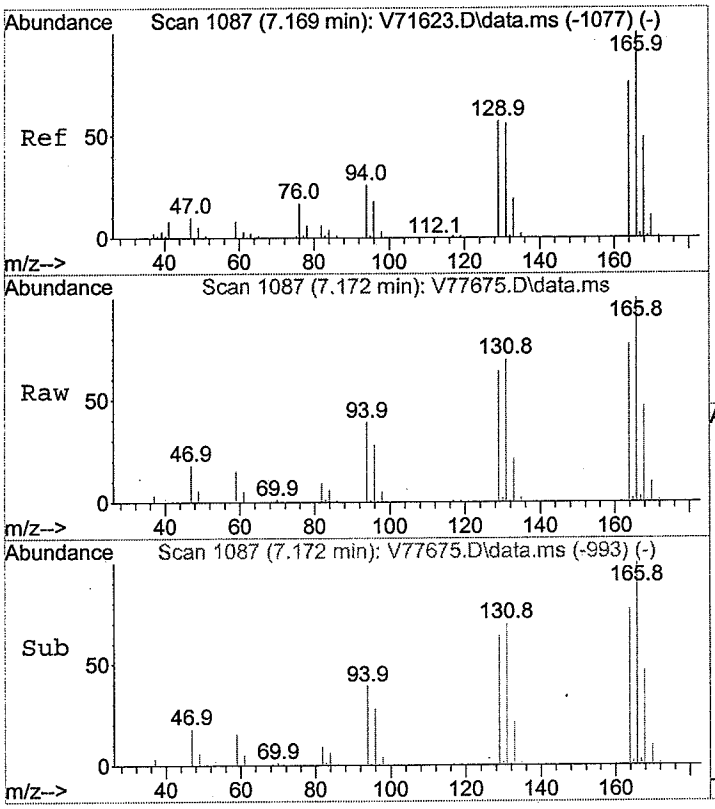
8/20 MA

Data File: C:\msdchem\1\DATA\081910\V77675.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 8:45 pm
Sample : WATER #10900
Misc : 5ml
ALS Vial : 17 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:51 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

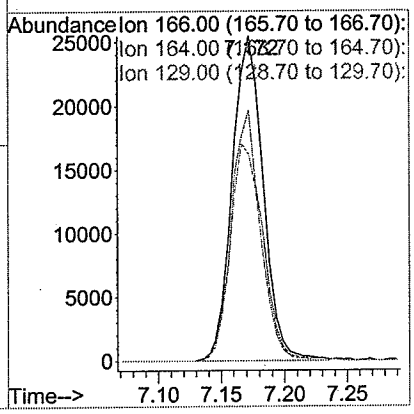




#50
Tetrachloroethene
Concen: 21.39 ug/L
RT: 7.172 min Scan# 1087
Delta R.T. 0.001 min
Lab File: V77675.D
Acq: 19 Aug 2010 8:45 pm

Tgt Ion:166 Resp: 42701

Ion	Ratio	Lower	Upper
166	100		
164	74.8	56.8	96.8
129	67.4	38.0	78.0



8/20 BB

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-8
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10901

Date Sampled: 08/11/2010
Date Received: 08/13/2010
Date Analyzed: 08/19/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	5.06
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	60.8
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	9.39
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	3.16
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77676.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77676.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 9:09 pm
Sample : WATER #10901
Misc : 5ml
ALS Vial : 18 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:55 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.075	96	308957	50.00 ug/L	0.00
54) Chlorobenzene-d5	8.015	117	257246	50.00 ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.561	152	152827	50.00 ug/L	0.00
System Monitoring Compounds					
26) Pentafluorobenzene	4.504	168	155318	49.73 ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 99.46%		
29) 1,2-Dichloroethane-d4	4.776	65	81782	47.03 ug/L	0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 94.06%		
45) Toluene-D8	6.558	98	280496	50.47 ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 100.94%		
64) 4-Bromofluorobenzene	9.280	95	150566	45.53 ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 91.06%		
Target Compounds					Qvalue
4) Vinyl chloride	1.670	62	4878	3.16 ug/L	95
7) Trichlorofluoromethane	2.209	101	1711	0.67 ug/L c2	95
11) Acetone	2.652	43	3193	Below Cal c10	93
14) Methylene chloride	3.004	84	1153	Below Cal c5	94
18) trans-1,2-Dichloroethene	3.233	61	1022	0.64 ug/L c2	81
23) cis-1,2-Dichloroethene	4.066	96	9300	5.06 ug/L	93
25) Chloroform	4.333	83	1770	0.61 ug/L c2	97
33) Trichloroethene	5.406	130	15073	9.39 ug/L #	84
44) 4-Methyl-2-pentanone	6.558	43	1109	0.84 ug/L # J	1
50) Tetrachloroethene	7.172	166	119870	60.75 ug/L	94
63) 1,2,3-Trichloropropane	9.526	110	327	0.51 ug/L # c2	1

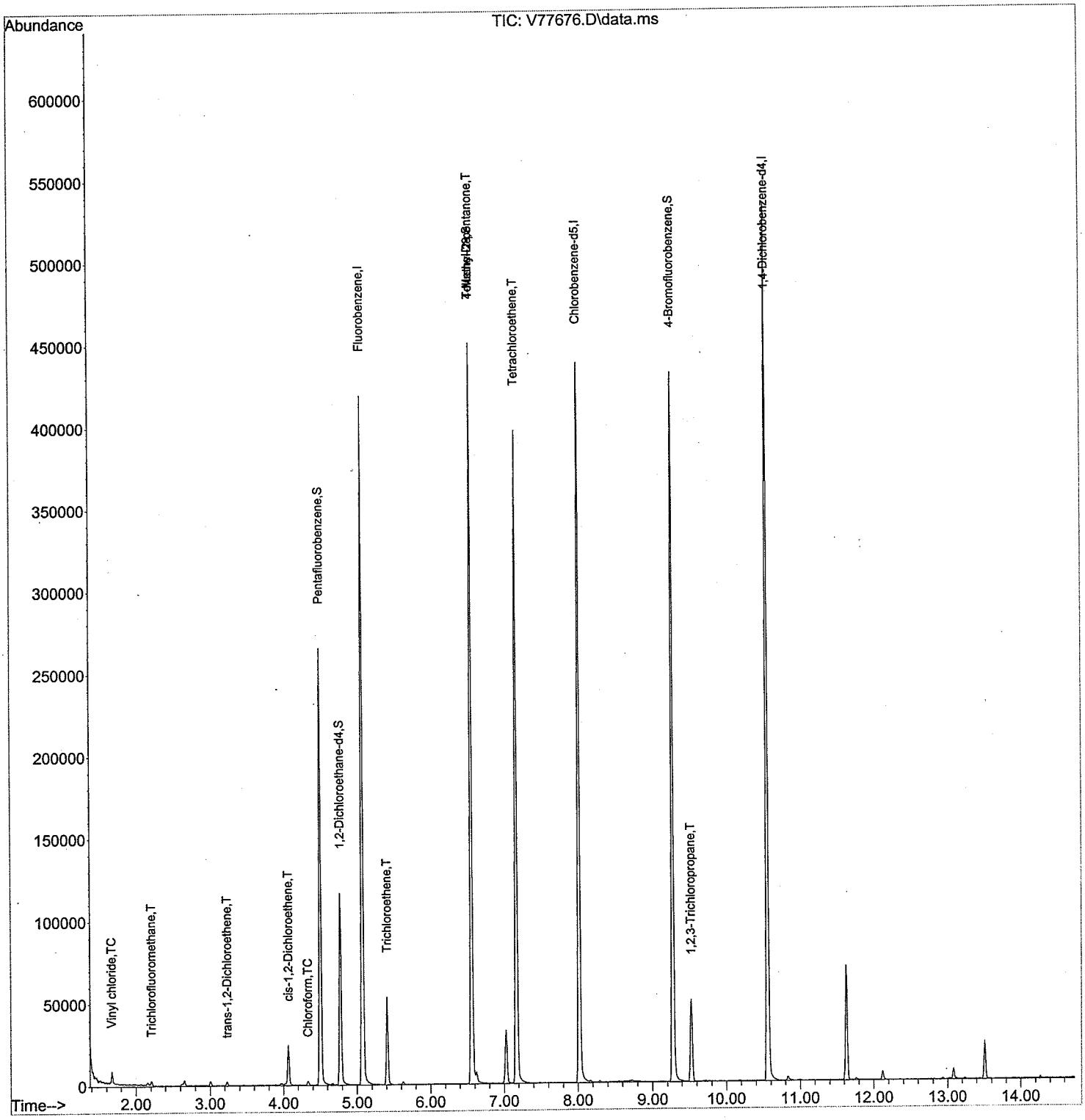
8/10 AB

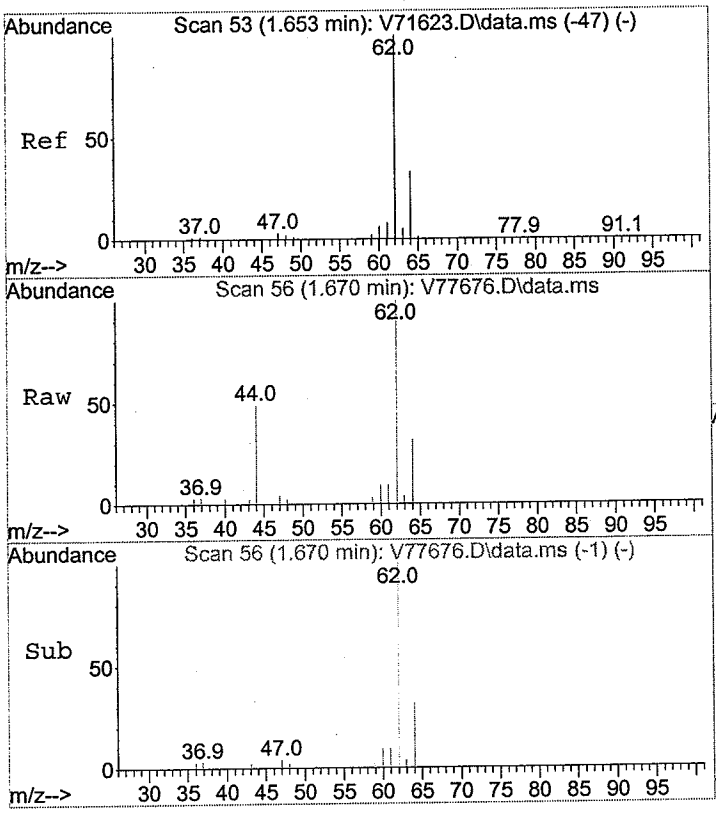
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File: C:\msdchem\1\DATA\081910\V77676.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 9:09 pm
Sample : WATER #10901
Misc : 5ml
ALS Vial : 18 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:55 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

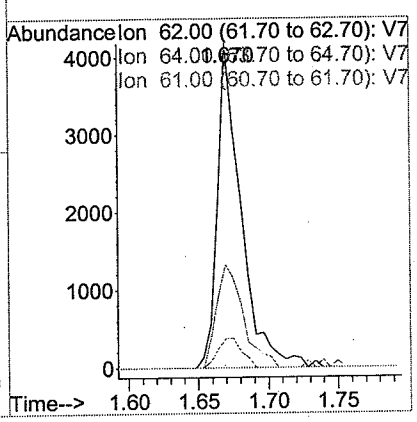




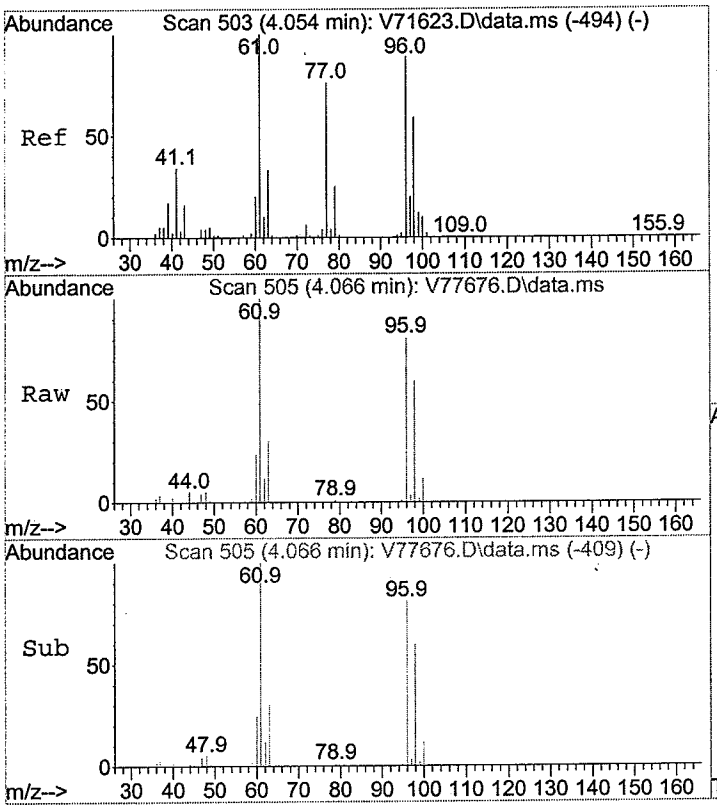
#4
Vinyl chloride
Concen: 3.16 ug/L
RT: 1.670 min Scan# 56
Delta R.T. 0.014 min
Lab File: V77676.D
Acq: 19 Aug 2010 9:09 pm

Tgt Ion: 62 Resp: 4878

Ion	Ratio	Lower	Upper
62	100		
64	36.0	12.9	52.9
61	9.3	0.0	28.4



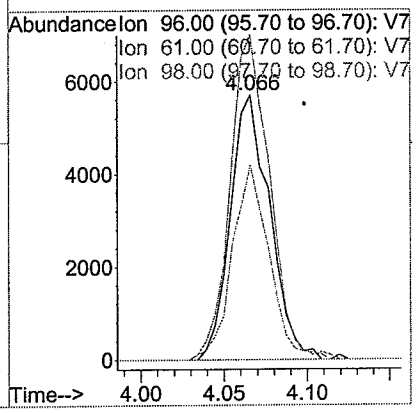
8/20 BM



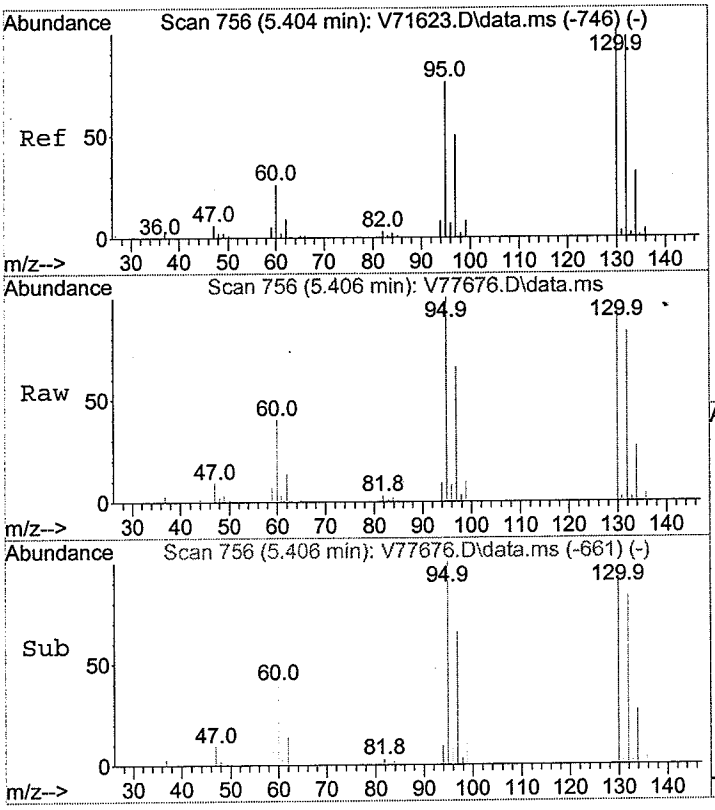
#23
cis-1,2-Dichloroethene
Concen: 5.06 ug/L
RT: 4.066 min Scan# 505
Delta R.T. 0.011 min
Lab File: V77676.D
Acq: 19 Aug 2010 9:09 pm

Tgt Ion: 96 Resp: 9300

Ion	Ratio	Lower	Upper
96	100		
61	123.5	93.6	133.6
98	68.7	46.1	86.1



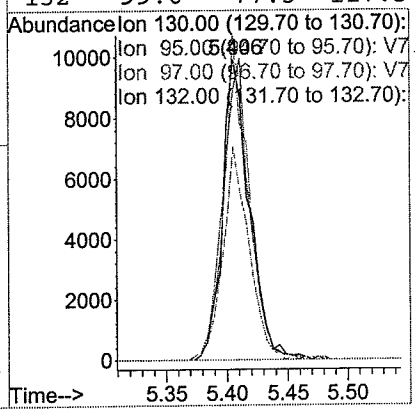
8/20 BM



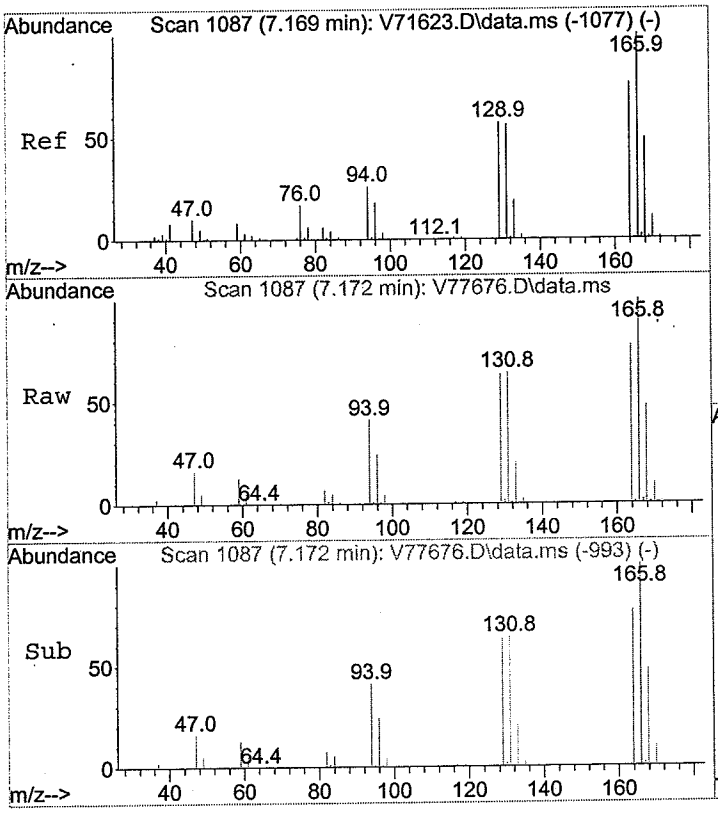
#33
Trichloroethene
Concen: 9.39 ug/L
RT: 5.406 min Scan# 756
Delta R.T. 0.005 min
Lab File: V77676.D
Acq: 19 Aug 2010 9:09 pm

Tgt Ion:130 Resp: 15073

Ion	Ratio	Lower	Upper
130	100		
95	102.8	58.9	98.9#
97	68.9	31.3	71.3
132	99.0	77.3	117.3



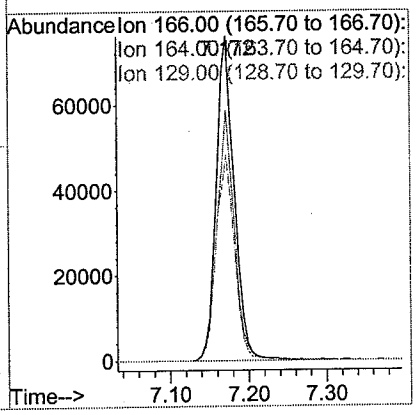
8/20 MM



#50
Tetrachloroethene
Concen: 60.75 ug/L
RT: 7.172 min Scan# 1087
Delta R.T. 0.001 min
Lab File: V77676.D
Acq: 19 Aug 2010 9:09 pm

Tgt Ion:166 Resp: 119870

Ion	Ratio	Lower	Upper
166	100		
164	73.6	56.8	96.8
129	65.2	38.0	78.0



8/20 mm

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-13
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10902

Date Sampled: 08/12/2010
Date Received: 08/13/2010
Date Analyzed: 08/19/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77677.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77677.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 9:32 pm
Sample : WATER #10902
Misc : 5ml
ALS Vial : 19 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:59 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.072	96	325954	50.00 ug/L	0.00
54) Chlorobenzene-d5	8.023	117	260860	50.00 ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.558	152	145582	50.00 ug/L	0.00
System Monitoring Compounds					
26) Pentafluorobenzene	4.501	168	145232	44.08 ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 88.16%		
29) 1,2-Dichloroethane-d4	4.778	65	84694	46.15 ug/L	0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 92.30%		
45) Toluene-D8	6.561	98	293191	49.98 ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 99.96%		
64) 4-Bromofluorobenzene	9.282	95	152662	45.52 ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 91.04%		
Target Compounds					Qvalue
11) Acetone	2.649	43	2749	Below Cal <10	85
14) Methylene chloride	3.006	84	1143	Below Cal <5	89
44) 4-Methyl-2-pentanone	6.555	43	951	0.68 ug/L #	1
50) Tetrachloroethene	7.169	166	1700	0.82 ug/L <2	90
52) Dibromochloromethane	7.174	129	1204	0.76 ug/L #	20
63) 1,2,3-Trichloropropane	9.517	110	566	0.87 ug/L #	1
86) Cyclohexane	4.501	56	2506	0.90 ug/L #	76

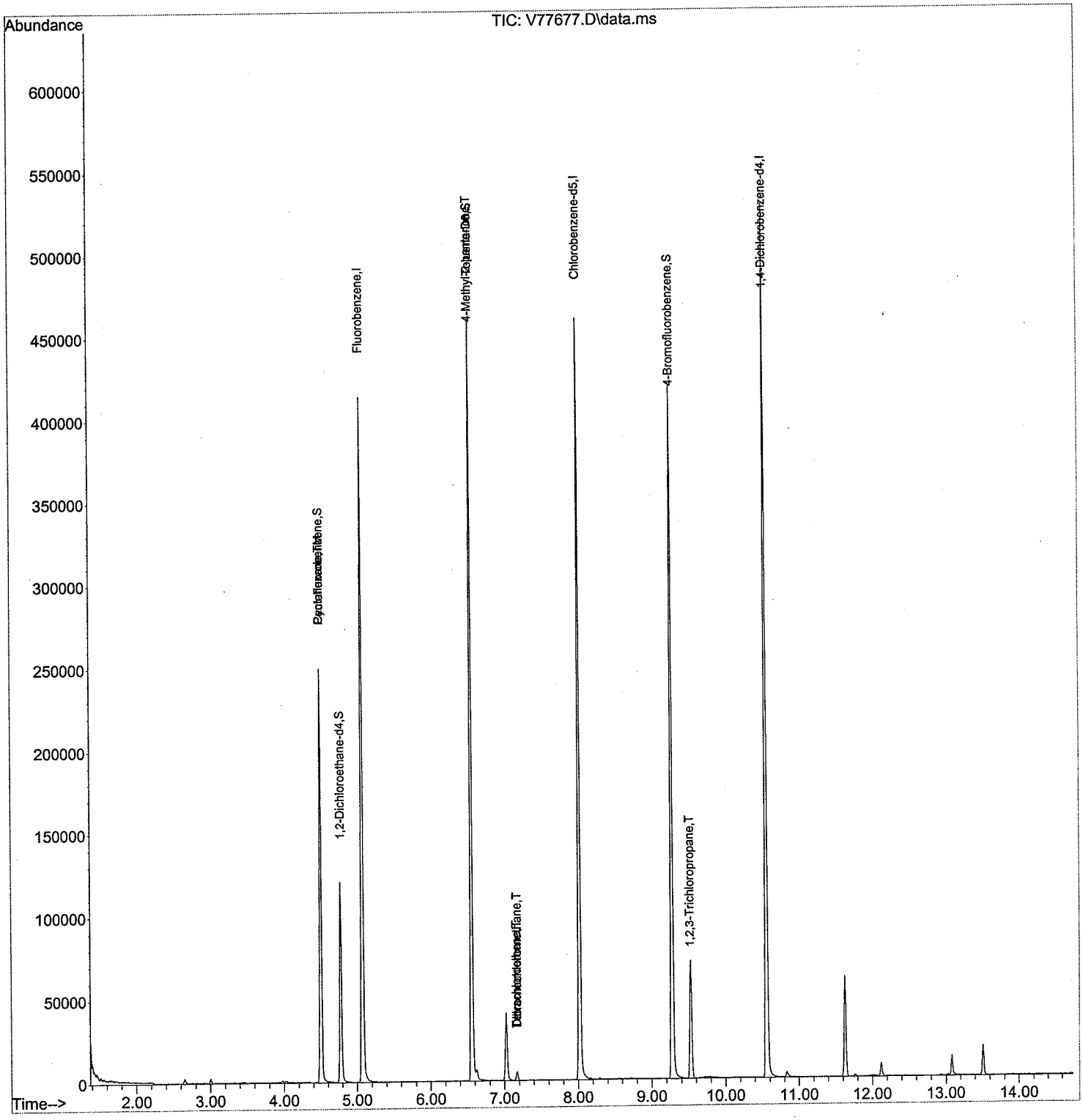
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/20 AM

Data File: C:\msdchem\1\DATA\081910\V77677.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 9:32 pm
Sample : WATER #10902
Misc : 5ml
ALS Vial : 19 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:04:59 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-4
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10903

Date Sampled: 08/12/2010
Date Received: 08/13/2010
Date Analyzed: 08/20/2010

Compound	Results in ug / L
Acetone	ND< 100
Benzene	ND< 7.00
Bromochloromethane	ND< 50.0
Bromodichloromethane	ND< 20.0
Bromoform	ND< 50.0
Bromomethane	ND< 20.0
2-Butanone	ND< 100
Carbon disulfide	ND< 50.0
Carbon Tetrachloride	ND< 20.0
Chlorobenzene	ND< 20.0
Chloroethane	ND< 20.0
Chloroform	ND< 20.0
Chloromethane	ND< 20.0
Cyclohexane	ND< 100
Dibromochloromethane	ND< 20.0
1,2-Dibromo-3-Chloropropane	ND< 100
1,2-Dibromoethane	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0
1,3-Dichlorobenzene	ND< 20.0
1,4-Dichlorobenzene	ND< 20.0
Dichlorodifluoromethane	ND< 50.0
1,1-Dichloroethane	ND< 20.0
1,2-Dichloroethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0
cis-1,2-Dichloroethene	ND< 20.0
trans-1,2-Dichloroethene	ND< 20.0

Compound	Results in ug / L
1,2-Dichloropropane	ND< 20.0
cis-1,3-Dichloropropene	ND< 20.0
trans-1,3-Dichloropropene	ND< 20.0
Ethylbenzene	ND< 20.0
2-Hexanone	ND< 50.0
Isopropylbenzene	ND< 50.0
Methyl acetate	ND< 20.0
Methyl tert-butyl Ether	ND< 20.0
Methylcyclohexane	ND< 20.0
Methylene chloride	ND< 50.0
4-Methyl-2-pentanone	ND< 50.0
Styrene	ND< 50.0
1,1,2,2-Tetrachloroethane	ND< 20.0
Tetrachloroethene	1,170
Toluene	ND< 20.0
Freon 113	ND< 20.0
1,2,3-Trichlorobenzene	ND< 50.0
1,2,4-Trichlorobenzene	ND< 50.0
1,1,1-Trichloroethane	ND< 20.0
1,1,2-Trichloroethane	ND< 20.0
Trichloroethene	ND< 20.0
Trichlorofluoromethane	ND< 20.0
Vinyl chloride	ND< 20.0
m,p-Xylene	ND< 20.0
o-Xylene	ND< 20.0

ELAP Number 10958 Method: EPA 8260B Data File: V77707.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\082010\V77707.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 8:14 pm
Sample : WATER #10903
Misc : 500uL
ALS Vial : 23 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:12 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

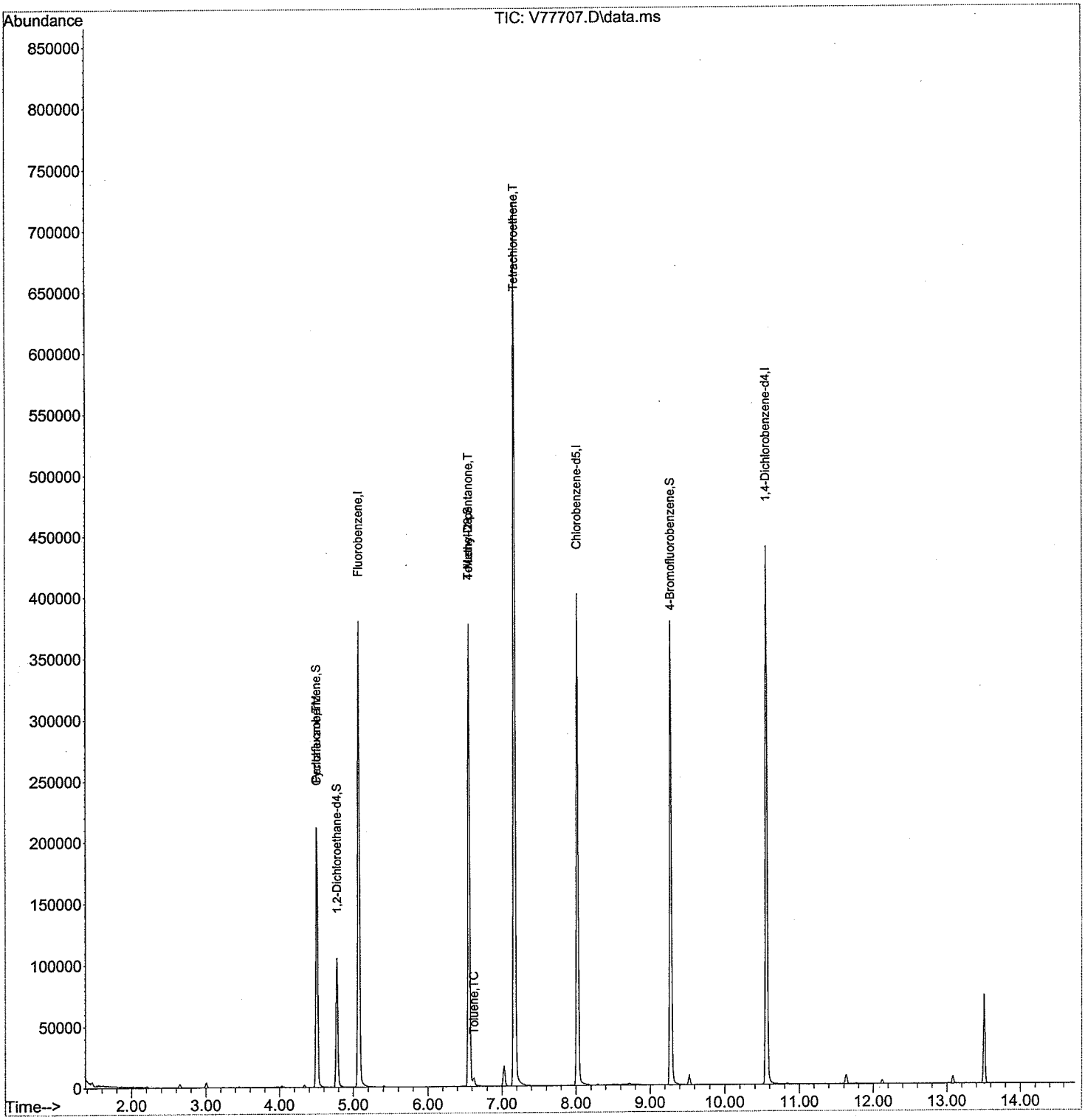
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.076	96	296314	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.022	117	212544	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.557	152	118521	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.500	168	120446	40.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 80.42%			
29) 1,2-Dichloroethane-d4	4.777	65	76849	46.06	ug/L	0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 92.12%			
45) Toluene-D8	6.560	98	242096	45.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 90.40%			
64) 4-Bromofluorobenzene	9.281	95	125625	45.98	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 91.96%			
Target Compounds						Qvalue
11) Acetone	2.648	43	3130	Below Cal		90
14) Methylene chloride	3.005	84	1677	Below Cal		96
44) 4-Methyl-2-pentanone	6.560	43	926	0.73	ug/L #	1
46) Toluene	6.624	91	3605	0.56	ug/L	99
50) Tetrachloroethene	7.173	166	221338	116.96	ug/L	94
86) Cyclohexane	4.505	56	2192	0.97	ug/L #	76

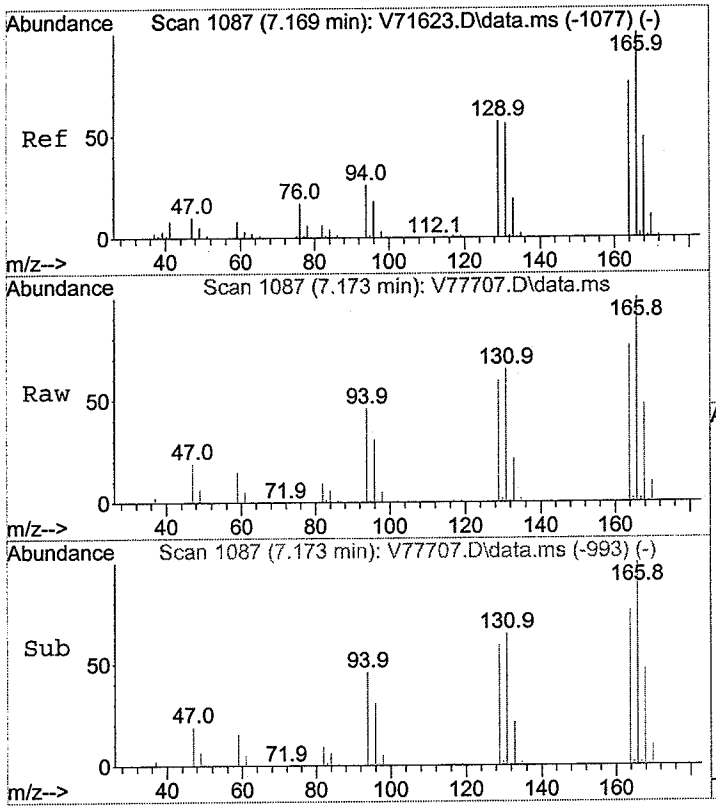
8/23 am

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

Data File: C:\msdchem\1\DATA\082010\V77707.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 8:14 pm Operator: Bill Brew
Sample : WATER #10903 Inst : Instrument #1
Misc : 500uL
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 23 07:19:12 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

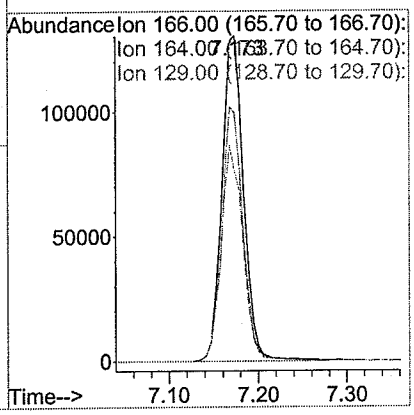




#50
Tetrachloroethene
Concen: 116.96 ug/L
RT: 7.173 min Scan# 1087
Delta R.T. 0.002 min
Lab File: V77707.D
Acq: 20 Aug 2010 8:14 pm

Tgt Ion:166 Resp: 221338

Ion	Ratio	Lower	Upper
166	100		
164	76.4	56.8	96.8
129	67.2	38.0	78.0



8/23 mm

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-5
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10904

Date Sampled: 08/12/2010
Date Received: 08/13/2010
Date Analyzed: 08/20/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	5.34
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77708.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\082010\V77708.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 8:38 pm
Sample : WATER #10904
Misc : 5ml
ALS Vial : 24 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:16 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.075	96	294820	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.021	117	211882	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.561	152	119441	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.504	168	122978	41.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 82.52%			
29) 1,2-Dichloroethane-d4	4.771	65	76849	46.30	ug/L	0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 92.60%			
45) Toluene-D8	6.558	98	229010	42.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 85.76%			
64) 4-Bromofluorobenzene	9.280	95	119135	43.74	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 87.48%			
Target Compounds						Qvalue
11) Acetone	2.647	43	2716	Below Cal		90
14) Methylene chloride	3.004	84	989	Below Cal		78
44) 4-Methyl-2-pentanone	6.564	43	920	0.73	ug/L #	1
50) Tetrachloroethene	7.172	166	10059	5.34	ug/L	97
86) Cyclohexane	4.498	56	2233	0.98	ug/L #	77

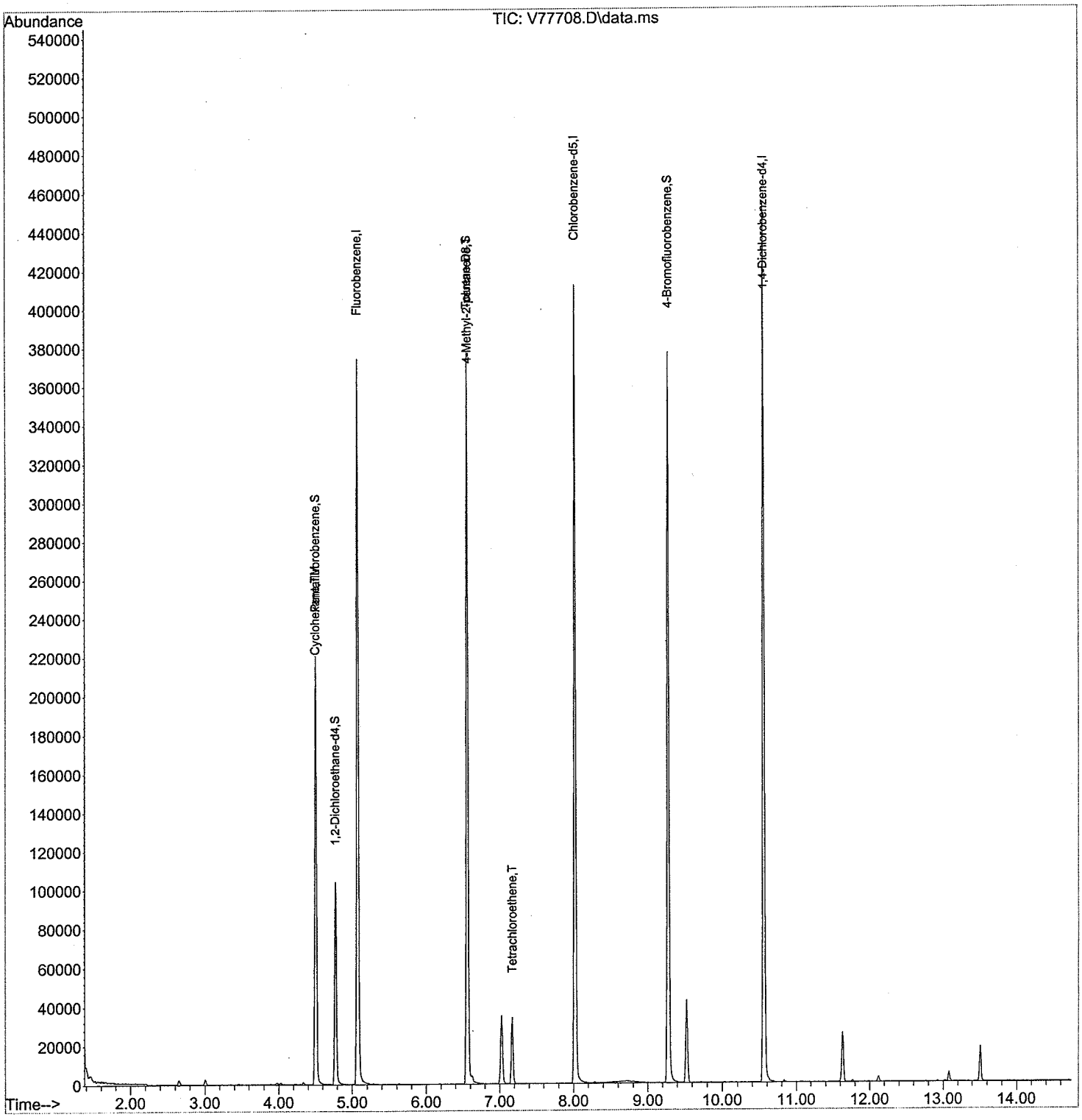
(#) = qualifier out of range (m) = manual integration (+) = signals summed

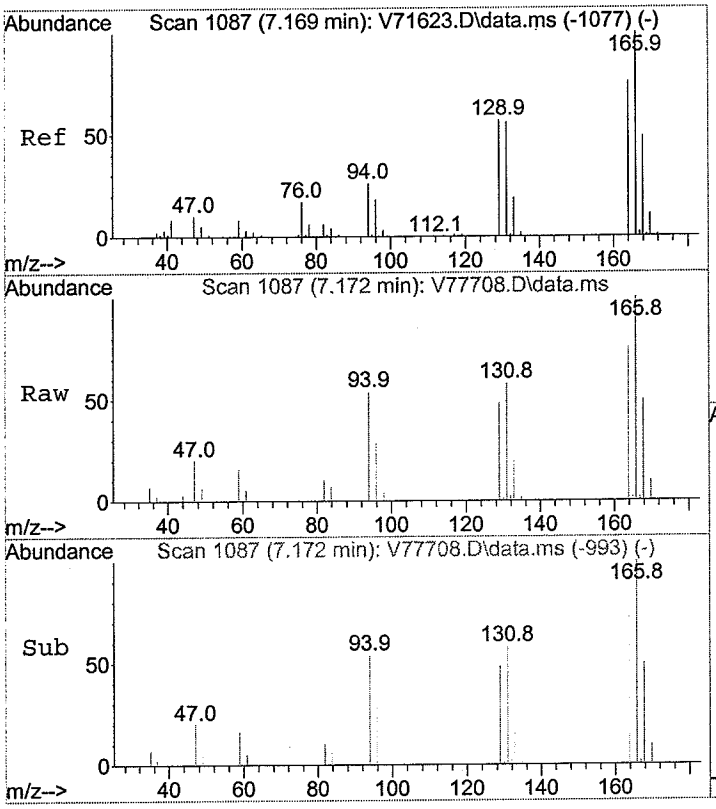
8/23 mm

Data File: C:\msdchem\1\DATA\082010\V77708.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 8:38 pm
Sample : WATER #10904
Misc : 5ml
ALS Vial : 24 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:16 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

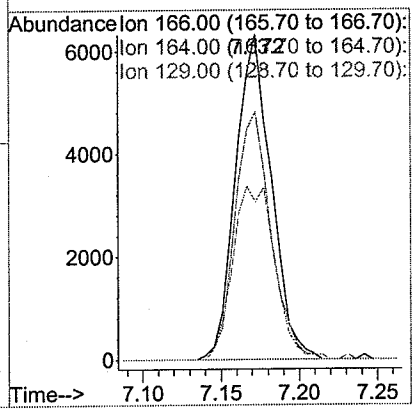




#50
Tetrachloroethene
Concen: 5.34 ug/L
RT: 7.172 min Scan# 1087
Delta R.T. 0.001 min
Lab File: V77708.D
Acq: 20 Aug 2010 8:38 pm

Tgt Ion:166 Resp: 10059

Ion	Ratio	Lower	Upper
166	100		
164	76.1	56.8	96.8
129	62.5	38.0	78.0



8/23 BM

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-14
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10905

Date Sampled: 08/12/2010
Date Received: 08/13/2010
Date Analyzed: 08/20/2010

Compound	Results in ug / L
Acetone	ND< 100
Benzene	ND< 7.00
Bromochloromethane	ND< 50.0
Bromodichloromethane	ND< 20.0
Bromoform	ND< 50.0
Bromomethane	ND< 20.0
2-Butanone	ND< 100
Carbon disulfide	ND< 50.0
Carbon Tetrachloride	ND< 20.0
Chlorobenzene	ND< 20.0
Chloroethane	ND< 20.0
Chloroform	ND< 20.0
Chloromethane	ND< 20.0
Cyclohexane	ND< 100
Dibromochloromethane	ND< 20.0
1,2-Dibromo-3-Chloropropane	ND< 100
1,2-Dibromoethane	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0
1,3-Dichlorobenzene	ND< 20.0
1,4-Dichlorobenzene	ND< 20.0
Dichlorodifluoromethane	ND< 50.0
1,1-Dichloroethane	ND< 20.0
1,2-Dichloroethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0
cis-1,2-Dichloroethene	ND< 20.0
trans-1,2-Dichloroethene	ND< 20.0

Compound	Results in ug / L
1,2-Dichloropropane	ND< 20.0
cis-1,3-Dichloropropene	ND< 20.0
trans-1,3-Dichloropropene	ND< 20.0
Ethylbenzene	ND< 20.0
2-Hexanone	ND< 50.0
Isopropylbenzene	ND< 50.0
Methyl acetate	ND< 20.0
Methyl tert-butyl Ether	ND< 20.0
Methylcyclohexane	ND< 20.0
Methylene chloride	ND< 50.0
4-Methyl-2-pentanone	ND< 50.0
Styrene	ND< 50.0
1,1,2,2-Tetrachloroethane	ND< 20.0
Tetrachloroethene	934
Toluene	ND< 20.0
Freon 113	ND< 20.0
1,2,3-Trichlorobenzene	ND< 50.0
1,2,4-Trichlorobenzene	ND< 50.0
1,1,1-Trichloroethane	ND< 20.0
1,1,2-Trichloroethane	ND< 20.0
Trichloroethene	ND< 20.0
Trichlorofluoromethane	ND< 20.0
Vinyl chloride	ND< 20.0
m,p-Xylene	ND< 20.0
o-Xylene	ND< 20.0

ELAP Number 10958 Method: EPA 8260B Data File: V77709.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\082010\V77709.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 9:01 pm
Sample : WATER #10905
Misc : 500uL
ALS Vial : 25 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:21 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.075	96	268155	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.020	117	209071	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.561	152	117145	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.509	168	119569	44.11	ug/L	0.01
Spiked Amount 50.000	Range 70 - 123		Recovery = 88.22%			
29) 1,2-Dichloroethane-d4	4.776	65	73808	48.95	ug/L	0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 97.90%			
45) Toluene-D8	6.558	98	236777	49.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 98.04%			
64) 4-Bromofluorobenzene	9.280	95	123038	45.78	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 91.56%			
Target Compounds						Qvalue
11) Acetone	2.652	43	3623	Below Cal		82
14) Methylene chloride	3.009	84	1561	Below Cal		88
44) 4-Methyl-2-pentanone	6.558	43	988	0.86	ug/L #	1
46) Toluene	6.622	91	3643	0.63	ug/L	97
50) Tetrachloroethene	7.172	166	159919	93.38	ug/L	94

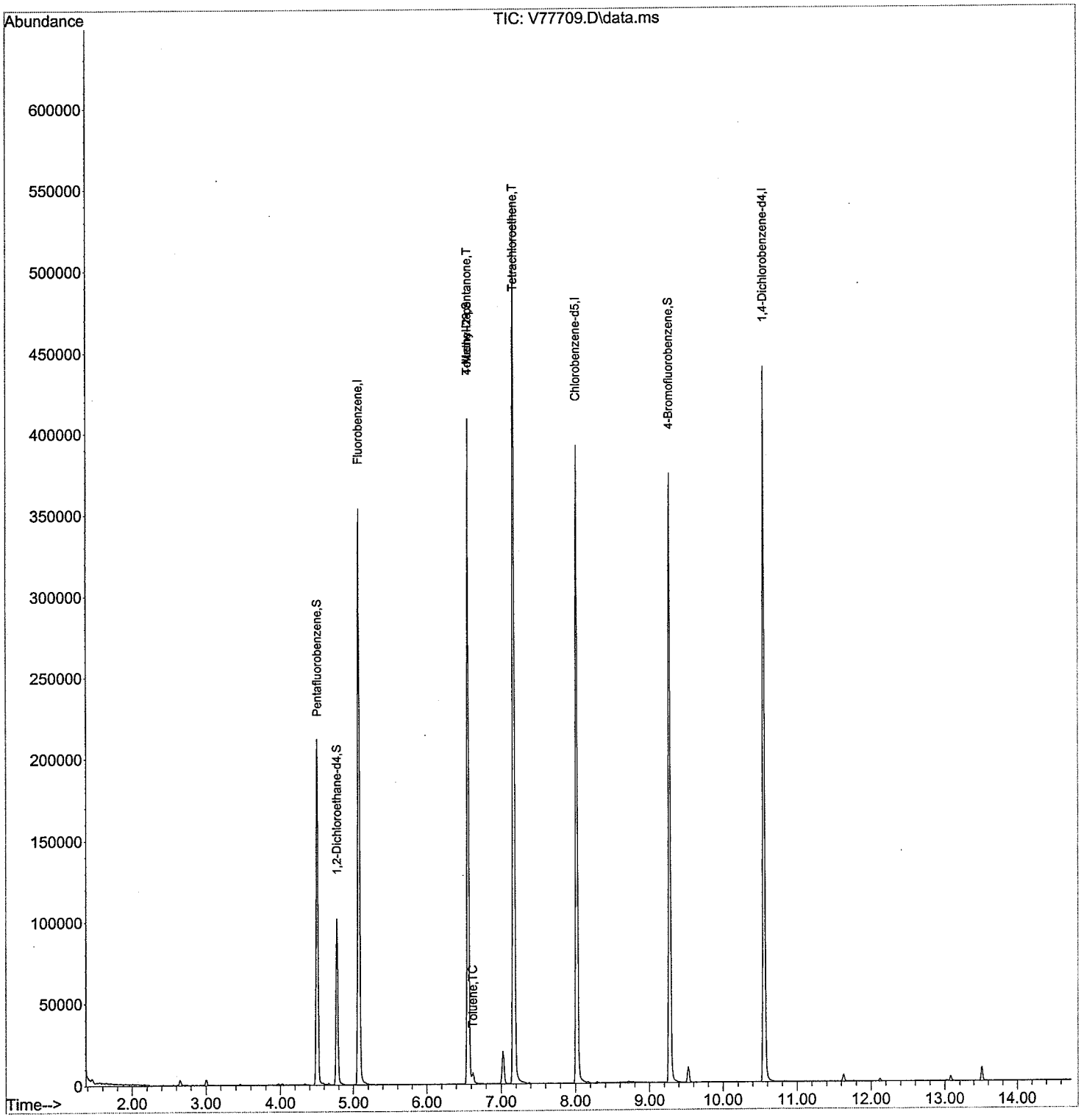
8/23 pm

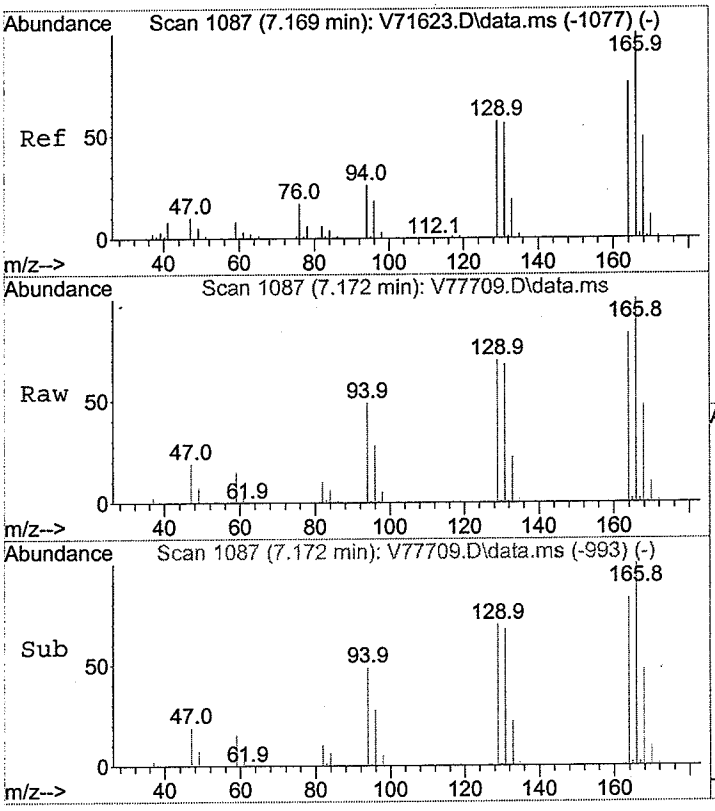
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File: C:\msdchem\1\DATA\082010\V77709.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 9:01 pm
Sample : WATER #10905
Misc : 500uL
ALS Vial : 25 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:21 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

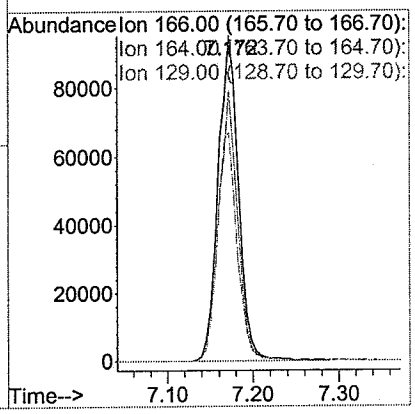




#50
Tetrachloroethene
Concen: 93.38 ug/L
RT: 7.172 min Scan# 1087
Delta R.T. 0.001 min
Lab File: V77709.D
Acq: 20 Aug 2010 9:01 pm

Tgt Ion:166 Resp: 159919

Ion	Ratio	Lower	Upper
166	100		
164	77.2	56.8	96.8
129	68.2	38.0	78.0



8/23 pm

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: Field Duplicate
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10906

Date Sampled: 08/12/2010
Date Received: 08/13/2010
Date Analyzed: 08/20/2010

Compound	Results in ug / L
Acetone	ND< 100
Benzene	ND< 7.00
Bromochloromethane	ND< 50.0
Bromodichloromethane	ND< 20.0
Bromoform	ND< 50.0
Bromomethane	ND< 20.0
2-Butanone	ND< 100
Carbon disulfide	ND< 50.0
Carbon Tetrachloride	ND< 20.0
Chlorobenzene	ND< 20.0
Chloroethane	ND< 20.0
Chloroform	ND< 20.0
Chloromethane	ND< 20.0
Cyclohexane	ND< 100
Dibromochloromethane	ND< 20.0
1,2-Dibromo-3-Chloropropane	ND< 100
1,2-Dibromoethane	ND< 20.0
1,2-Dichlorobenzene	ND< 20.0
1,3-Dichlorobenzene	ND< 20.0
1,4-Dichlorobenzene	ND< 20.0
Dichlorodifluoromethane	ND< 50.0
1,1-Dichloroethane	ND< 20.0
1,2-Dichloroethane	ND< 20.0
1,1-Dichloroethene	ND< 20.0
cis-1,2-Dichloroethene	ND< 20.0
trans-1,2-Dichloroethene	ND< 20.0

Compound	Results in ug / L
1,2-Dichloropropane	ND< 20.0
cis-1,3-Dichloropropene	ND< 20.0
trans-1,3-Dichloropropene	ND< 20.0
Ethylbenzene	ND< 20.0
2-Hexanone	ND< 50.0
Isopropylbenzene	ND< 50.0
Methyl acetate	ND< 20.0
Methyl tert-butyl Ether	ND< 20.0
Methylcyclohexane	ND< 20.0
Methylene chloride	ND< 50.0
4-Methyl-2-pentanone	ND< 50.0
Styrene	ND< 50.0
1,1,2,2-Tetrachloroethane	ND< 20.0
Tetrachloroethene	955
Toluene	ND< 20.0
Freon 113	ND< 20.0
1,2,3-Trichlorobenzene	ND< 50.0
1,2,4-Trichlorobenzene	ND< 50.0
1,1,1-Trichloroethane	ND< 20.0
1,1,2-Trichloroethane	ND< 20.0
Trichloroethene	ND< 20.0
Trichlorofluoromethane	ND< 20.0
Vinyl chloride	ND< 20.0
m,p-Xylene	ND< 20.0
o-Xylene	ND< 20.0

ELAP Number 10958 Method: EPA 8260B Data File: V77710.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\082010\V77710.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 9:25 pm
Sample : WATER #10906
Misc : 500uL
ALS Vial : 26 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:24 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

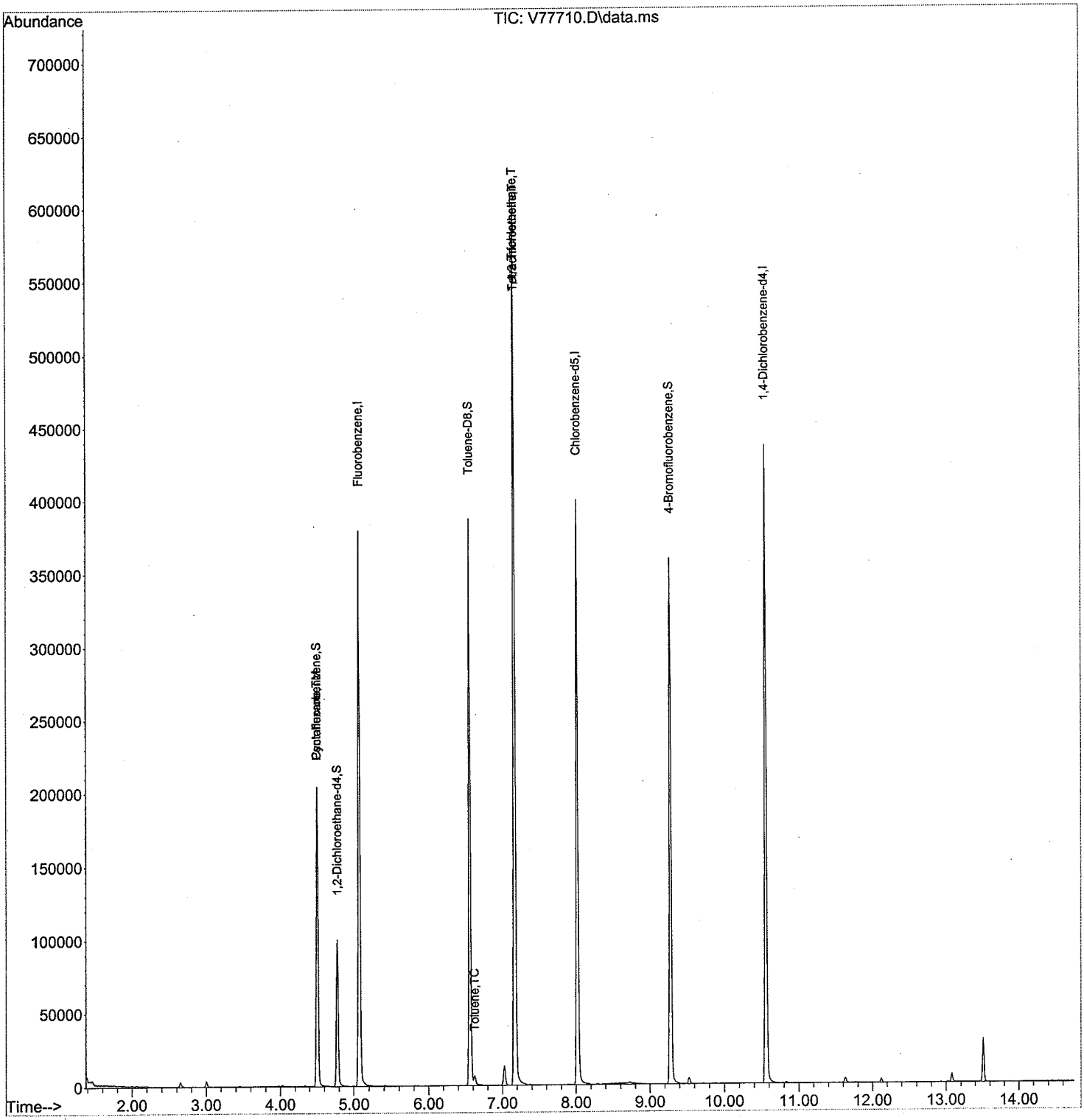
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.075	96	289218	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.021	117	205668	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.556	152	113646	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.499	168	114948	39.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 78.64%			
29) 1,2-Dichloroethane-d4	4.776	65	75365	46.28	ug/L	0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 92.56%			
45) Toluene-D8	6.559	98	228525	43.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 87.30%			
64) 4-Bromofluorobenzene	9.275	95	111786	42.28	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 84.56%			
Target Compounds						Qvalue
11) Acetone	2.652	43	3395	Below Cal		87
14) Methylene chloride	2.999	84	1591	Below Cal		92
46) Toluene	6.623	91	3502	0.56	ug/L	93
48) 1,1,2-Trichloroethane	7.167	97	1373	1.03	ug/L	92
50) Tetrachloroethene	7.172	166	176484	95.55	ug/L	92
86) Cyclohexane	4.499	56	2040	0.94	ug/L	75

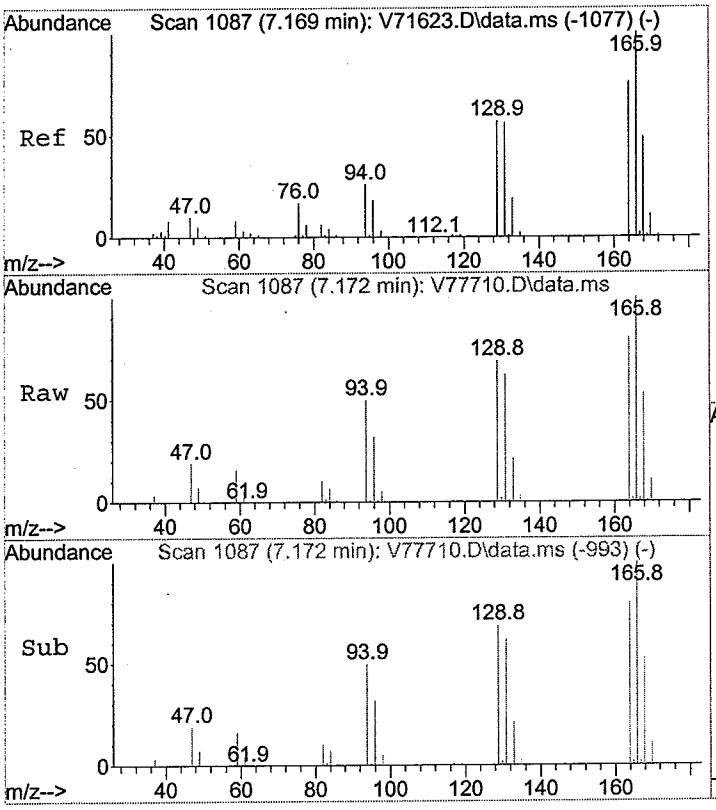
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File: C:\msdchem\1\DATA\082010\V77710.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 9:25 pm
Sample : WATER #10906
Misc : 500uL
ALS Vial : 26 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:24 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

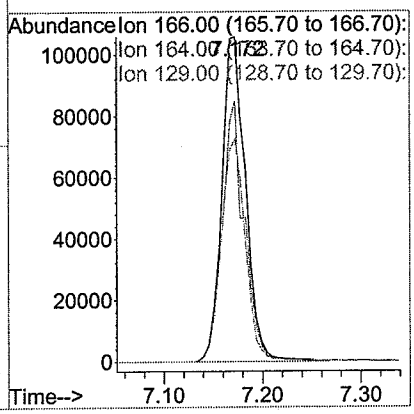




#50
Tetrachloroethene
Concen: 95.55 ug/L
RT: 7.172 min Scan# 1087
Delta R.T. 0.001 min
Lab File: V77710.D
Acq: 20 Aug 2010 9:25 pm

Tgt Ion:166 Resp: 176484

Ion	Ratio	Lower	Upper
166	100		
164	74.9	56.8	96.8
129	70.0	38.0	78.0



8/23 pm

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-10
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10907

Date Sampled: 08/12/2010
Date Received: 08/13/2010
Date Analyzed: 08/20/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77711.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\082010\V77711.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 9:48 pm
Sample : WATER #10907
Misc : 5ml
ALS Vial : 27 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:28 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.080	96	264289	50.00 ug/L	0.01
54) Chlorobenzene-d5	8.016	117	193338	50.00 ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.561	152	113865	50.00 ug/L	0.00
System Monitoring Compounds					
26) Pentafluorobenzene	4.504	168	121064	45.31 ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 90.62%		
29) 1,2-Dichloroethane-d4	4.776	65	74343	50.06 ug/L	0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 100.12%		
45) Toluene-D8	6.559	98	227162	47.66 ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 95.32%		
64) 4-Bromofluorobenzene	9.280	95	115558	46.49 ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 92.98%		
Target Compounds					Qvalue
11) Acetone	2.657	43	3513	Below Cal <10	82
14) Methylene chloride	3.004	84	899	Below Cal <5	88
44) 4-Methyl-2-pentanone	6.553	43	835	0.74 ug/L #	1
50) Tetrachloroethene	7.172	166	1465	0.87 ug/L <2	93

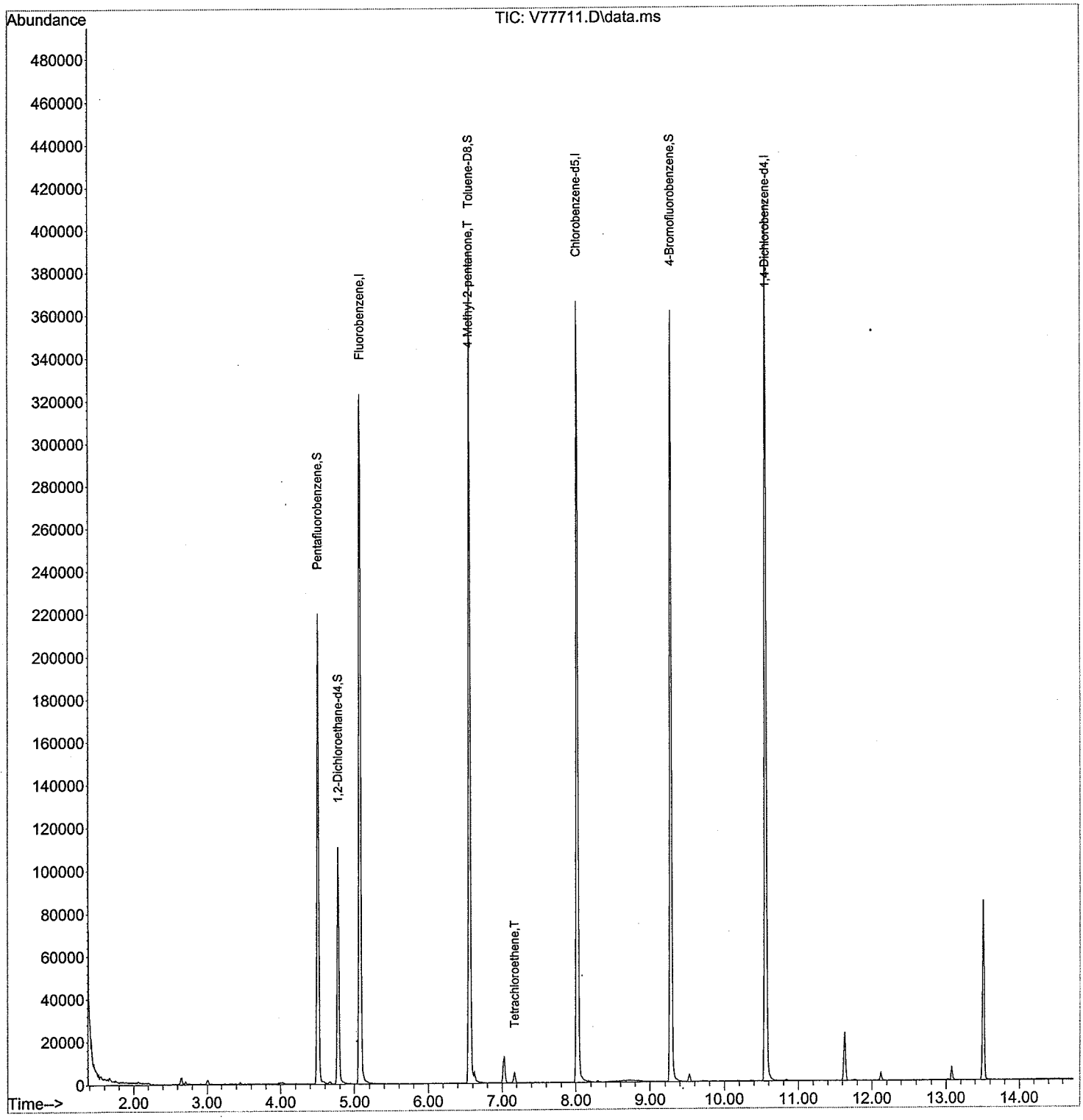
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/23 m

Data File: C:\msdchem\1\DATA\082010\V77711.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 9:48 pm
Sample : WATER #10907
Misc : 5ml
ALS Vial : 27 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 23 07:19:28 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: MW-9
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10908

Date Sampled: 08/12/2010
Date Received: 08/13/2010
Date Analyzed: 08/19/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	26.4
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	2.11
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77683.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77683.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 11:53 pm
Sample : WATER #10908
Misc : 5ml
ALS Vial : 25 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:05:23 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.076	96	314235	50.00 ug/L	0.00
54) Chlorobenzene-d5	8.022	117	220908	50.00 ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.562	152	127928	50.00 ug/L	0.00
System Monitoring Compounds					
26) Pentafluorobenzene	4.505	168	134486	42.34 ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 84.68%		
29) 1,2-Dichloroethane-d4	4.777	65	81813	46.24 ug/L	0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 92.48%		
45) Toluene-D8	6.559	98	260235	45.84 ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 91.68%		
64) 4-Bromofluorobenzene	9.281	95	129782	45.70 ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 91.40%		
Target Compounds					Qvalue
11) Acetone	2.648	43	3147	Below Cal <10	87
14) Methylene chloride	3.005	84	897	Below Cal <5	96
23) cis-1,2-Dichloroethene	4.072	96	1407	0.75 ug/L <2	82
33) Trichloroethene	5.407	130	3449	2.11 ug/L #	79
44) 4-Methyl-2-pentanone	6.559	43	1045	0.78 ug/L #5	1
50) Tetrachloroethene	7.173	166	52934	26.38 ug/L	94

8/20 MS

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

Data File: C:\msdchem\1\DATA\081910\V77683.D
DataAcq Meth:8260RUN.M
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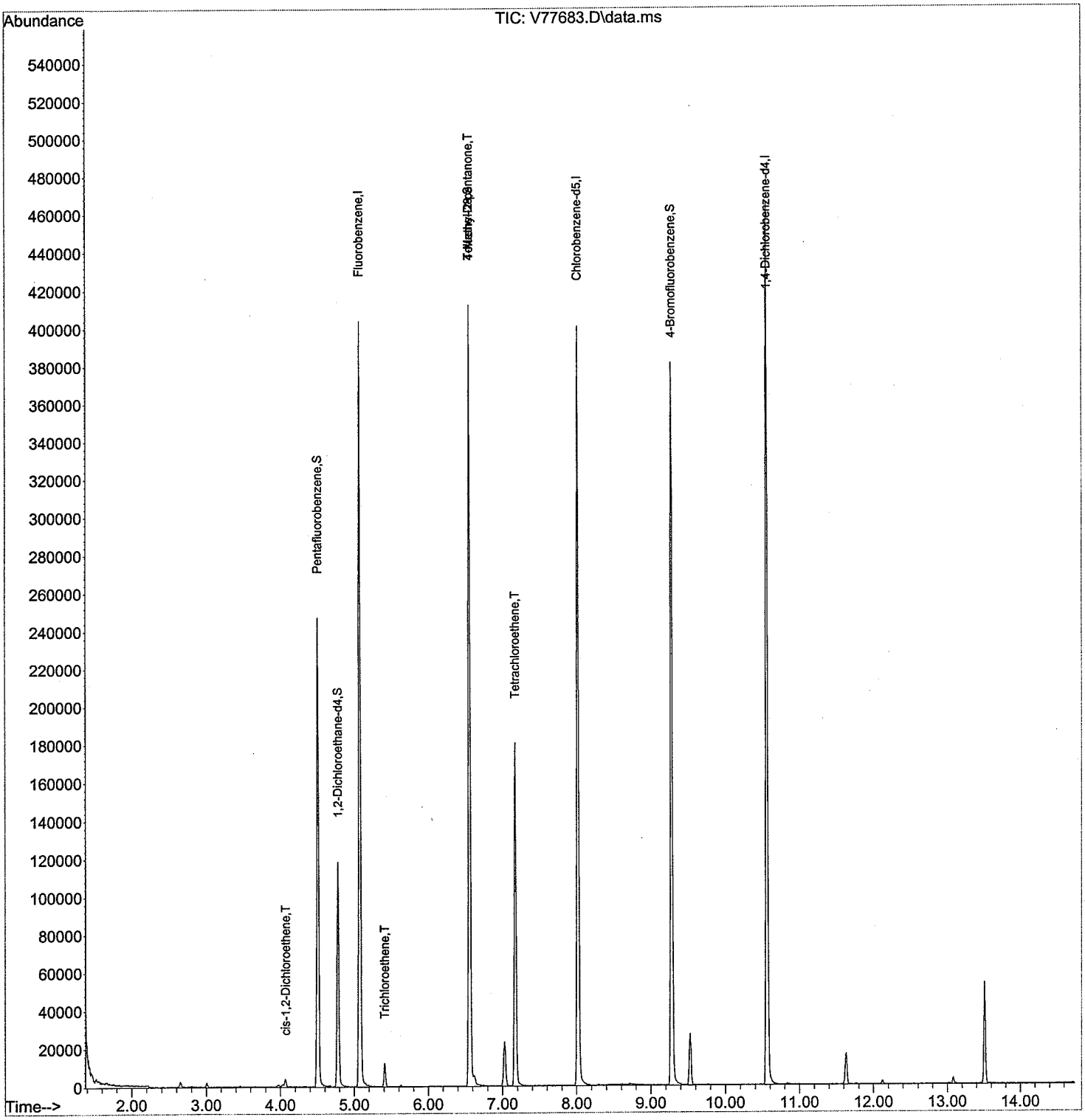
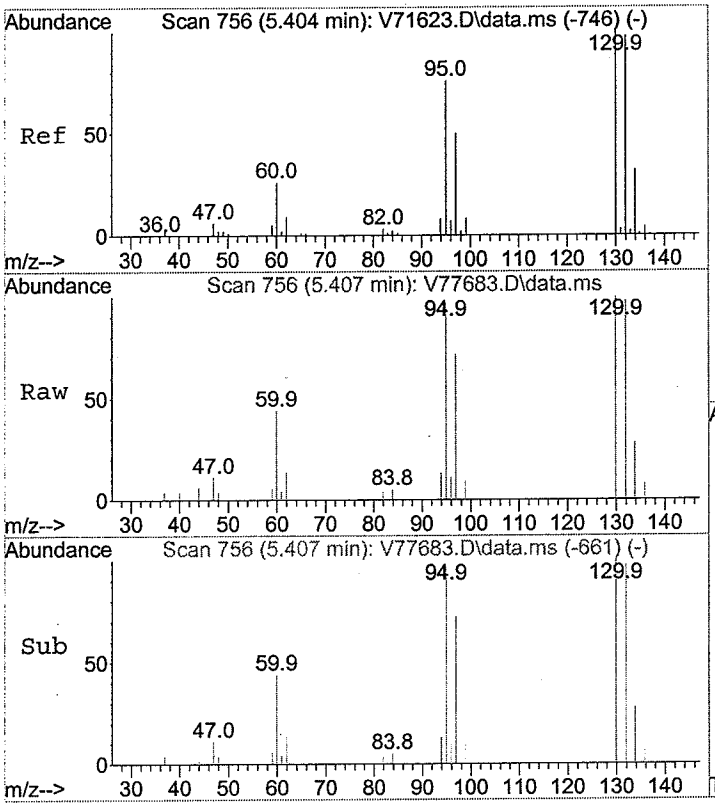
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

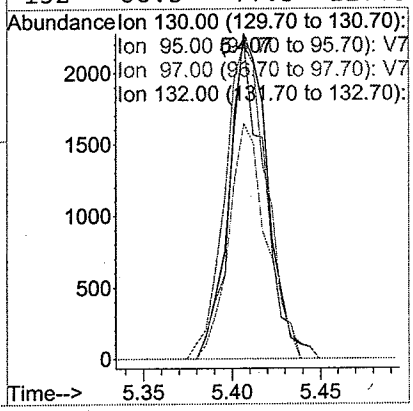




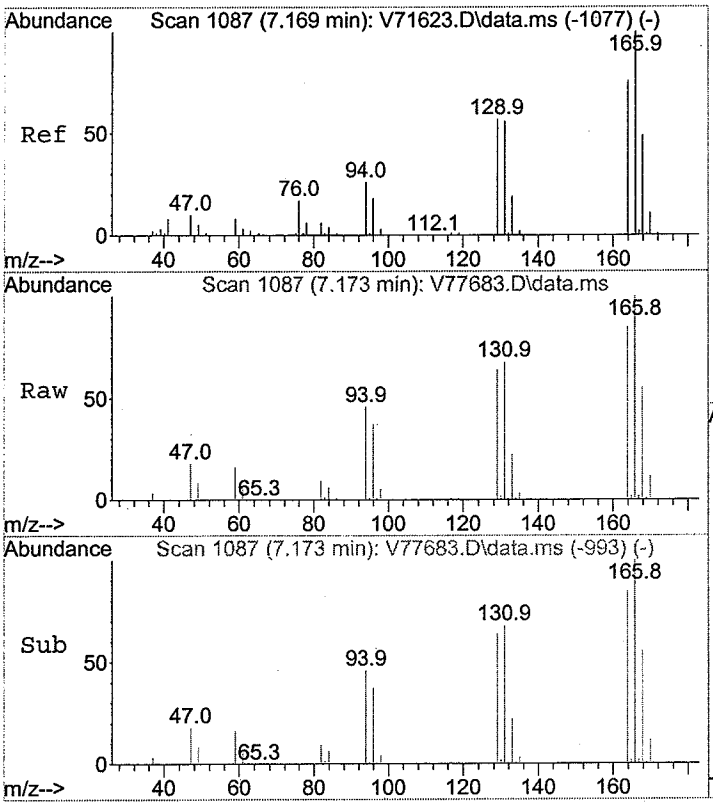
#33
Trichloroethene
Concen: 2.11 ug/L
RT: 5.407 min Scan# 756
Delta R.T. 0.006 min
Lab File: V77683.D
Acq: 19 Aug 2010 11:53 pm

Tgt Ion:130 Resp: 3449

Ion	Ratio	Lower	Upper
130	100		
95	106.5	58.9	98.9#
97	70.5	31.3	71.3
132	88.5	77.3	117.3



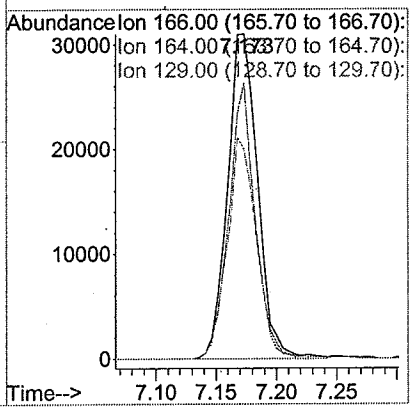
8/20 AM



#50
Tetrachloroethene
Concen: 26.38 ug/L
RT: 7.173 min Scan# 1087
Delta R.T. 0.002 min
Lab File: V77683.D
Acq: 19 Aug 2010 11:53 pm

Tgt Ion:166 Resp: 52934

Ion	Ratio	Lower	Upper
166	100		
164	74.5	56.8	96.8
129	65.9	38.0	78.0



8/20 AM

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: Trip Blank
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: 10909

Date Sampled: 08/11/2010
Date Received: 08/13/2010
Date Analyzed: 08/20/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77684.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (Not Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77684.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 12:17 am
Sample : ~~WATER~~ #10909
Misc : 5ml
ALS Vial : ~~26~~ Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:05:27 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

TBM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.070	96	290137	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.021	117	202464	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.561	152	127966	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.504	168	128383	43.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 87.54%			
29) 1,2-Dichloroethane-d4	4.776	65	81175	49.78	ug/L	0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 99.56%			
45) Toluene-D8	6.559	98	252149	48.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 96.42%			
64) 4-Bromofluorobenzene	9.275	95	120582	46.33	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 92.66%			
Target Compounds						Qvalue
11) Acetone	2.652	43	5889	~~Below~~ Cal	<10	83
14) Methylene chloride	3.005	84	1558	~~Below~~ Cal	<5	89
44) 4-Methyl-2-pentanone	6.553	43	885	0.71	ug/L #	1
63) 1,2,3-Trichloropropane	9.531	110	414	0.82	ug/L #	1

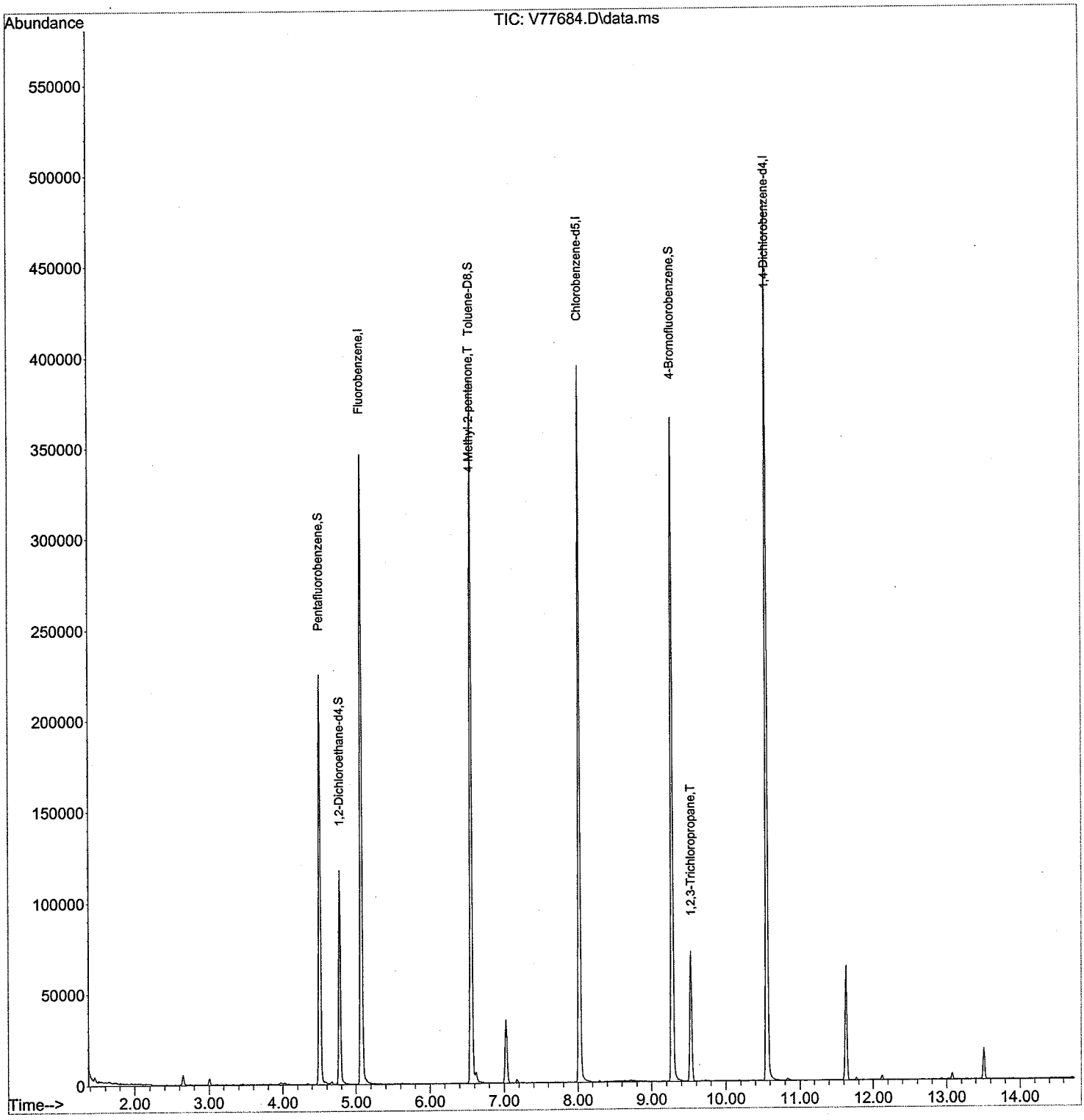
8/20 ms

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

Data File: C:\msdchem\1\DATA\081910\V77684.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 12:17 am
Sample : WATER #10909
Misc : 5ml
ALS Vial : 26 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 07:05:27 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



VOLATILE ORGANICS

STANDARDS DATA

Response Factor Report Instrument #1

Method Path : C:\msdchem\1\METHODS\
Method File : 081110.M
Title : 8260/624 Analysis
Last Update : Thu Aug 12 11:46:12 2010
Response Via : Initial Calibration

Calibration Files
1 =V77407.D 2 =V77408.D 3 =V77409.D 4 =V77410.D 5 =V77411.D 6 =V77412.D 7 =V77413.D

		Compound	1	2	3	4	5	6	7	Avg	%RSD	
1)	I	Fluorobenzene	ISTD									
2)	T	Dichlorodifluo...	0.342	0.295	0.296	0.291	0.291	0.314	0.297	0.304	6.12	
3)	TP	Chloromethane	0.277	0.258	0.258	0.226	0.257	0.268	0.241	0.255	6.53	
4)	TC	Vinyl chloride	0.245	0.247	0.243	0.249	0.253	0.267	0.245	0.250	3.34	
5)	T	Bromomethane	0.159	0.126	0.128	0.128	0.134	0.147	0.118	0.134	10.61	
6)	T	Chloroethane	0.185	0.155	0.136	0.141	0.138	0.141	0.133	0.147	12.44	
7)	T	Trichlorofluor...	0.450	0.409	0.393	0.400	0.423	0.425	0.399	0.414	4.83	
8)	T	Ethyl ether	0.165	0.161	0.151	0.147	0.160	0.169	0.157	0.159	4.87	
9)	T	Freon 113	0.234	0.212	0.209	0.199	0.223	0.209	0.206	0.213	5.43	
10)	TC	1,1-Dichloroet...	0.344	0.320	0.321	0.299	0.324	0.307	0.283	0.314	6.27	
11)	T	Acetone	2.188	0.975	0.465	0.225	0.095	0.078	0.069	0.585	132.94	*
12)	T	Carbon disulfide	0.764	0.655	0.681	0.675	0.718	0.707	0.638	0.691	6.13	
13)	T	Methyl acetate	0.149	0.128	0.112	0.112	0.118	0.113	0.109	0.120	11.87	
14)	T	Methylene chlo...	1.116	0.585	0.354	0.274	0.243	0.213	0.213	0.428	77.08	*
15)	T	Acrylonitrile	0.066	0.065	0.058	0.062	0.059	0.063	0.060	0.062	4.96	
16)	UN	tert-Butyl Alc...								0.000	-1.00	
17)	T	Methyl tert-bu...	0.708	0.628	0.630	0.630	0.634	0.654	0.604	0.641	5.13	
18)	T	trans-1,2-Dich...	0.304	0.253	0.263	0.245	0.259	0.252	0.243	0.260	7.89	
19)	TP	1,1-Dichloroet...	0.438	0.389	0.388	0.368	0.382	0.389	0.348	0.386	7.14	
20)	T	Vinyl acetate	0.350	0.324	0.322	0.293	0.332	0.338	0.301	0.323	6.15	
21)	T	2,2-Dichloropr...	0.393	0.392	0.358	0.385	0.415	0.396	0.373	0.387	4.67	
22)	T	2-Butanone	0.063	0.039	0.031	0.029	0.030	0.027	0.027	0.035	36.52	*
23)	T	cis-1,2-Dichlo...	0.348	0.307	0.277	0.298	0.296	0.275	0.282	0.297	8.54	
24)	T	Bromochloromet...	0.129	0.127	0.122	0.112	0.124	0.116	0.107	0.120	6.64	
25)	TC	Chloroform	0.520	0.476	0.476	0.456	0.479	0.474	0.418	0.471	6.46	
26)	S	Pentafluoroben...	0.661	0.527	0.497	0.473	0.483	0.465	0.432	0.505	14.71	
27)	UN	Tetrahydrofuran								0.000	-1.00	
28)	T	1,1,1-Trichlor...	0.423	0.398	0.397	0.394	0.425	0.432	0.392	0.409	4.16	
29)	S	1,2-Dichloroet...	0.514	0.330	0.298	0.277	0.282	0.274	0.260	0.319	27.83	*
30)	T	Carbon Tetrach...	0.325	0.293	0.306	0.301	0.347	0.359	0.342	0.325	7.88	
31)	T	Benzene	1.116	1.048	0.990	1.013	1.037	1.006	0.919	1.018	5.87	
32)	T	1,2-Dichloroet...	0.364	0.341	0.338	0.323	0.323	0.315	0.295	0.329	6.68	
33)	T	Trichloroethene	0.279	0.251	0.264	0.257	0.264	0.264	0.241	0.260	4.55	
34)	T	Methylcyclohexane	0.446	0.434	0.435	0.443	0.454	0.483	0.432	0.447	4.02	
35)	UN	Ethyl acetate								0.000	-1.00	
36)	TC	1,2-Dichloropr...	0.281	0.250	0.252	0.229	0.232	0.246	0.215	0.244	8.61	
37)	UN	Isobutyl alcohol								0.000	-1.00	
38)	T	Dibromomethane	0.157	0.143	0.141	0.146	0.142	0.146	0.139	0.145	4.10	

Initial Calibration Summary Table

8/12 am

* Curve is not avg. of response factors

Method Path : C:\msdchem\1\METHODS\
Method File : 081110.M

39)	T	Bromodichlorom...	0.355	0.330	0.326	0.322	0.359	0.372	0.354	0.345	5.57
40)	T	2-Chloroethyl ...	0.121	0.128	0.128	0.135	0.149	0.149	0.139	0.136	7.87
41)	UN	Isopropyl acetate								0.000	-1.00
42)	T	1,1-Dichloropr...	0.410	0.358	0.359	0.353	0.353	0.343	0.322	0.357	7.44
43)	T	cis-1,3-Dichlo...	0.380	0.380	0.399	0.404	0.437	0.444	0.423	0.410	6.34
44)	T	4-Methyl-2-pen...	0.263	0.206	0.178	0.189	0.220	0.225	0.220	0.214	12.84
45)	S	Toluene-D8	1.248	0.925	0.845	0.891	0.876	0.868	0.774	0.918	16.62 *
46)	TC	Toluene	1.291	1.184	1.052	1.068	1.056	0.984	0.910	1.078	11.66
47)	T	trans-1,3-Dich...	0.370	0.326	0.350	0.368	0.412	0.416	0.396	0.377	8.78
48)	T	1,1,2-Trichlor...	0.272	0.247	0.228	0.228	0.223	0.221	0.199	0.231	9.91
49)	T	1,3-Dichloropr...	0.443	0.407	0.389	0.389	0.396	0.375	0.355	0.393	6.96
50)	T	Tetrachloroethene	0.336	0.292	0.314	0.318	0.342	0.334	0.298	0.319	6.07
51)	T	2-Hexanone	0.152	0.142	0.134	0.128	0.149	0.161	0.151	0.145	7.86
52)	T	Dibromochlorom...	0.238	0.226	0.220	0.214	0.266	0.275	0.260	0.243	9.97
53)	T	1,2-Dibromoethane	0.244	0.239	0.219	0.227	0.236	0.243	0.236	0.235	3.84
54)	I	Chlorobenzene-d5	----------ISTD----------								
55)	TP	Chlorobenzene	1.052	0.934	0.894	0.932	0.884	0.913	0.867	0.925	6.61
56)	T	1,1,1,2-Tetrac...	0.337	0.295	0.325	0.315	0.327	0.341	0.357	0.328	5.97
57)	TC	Ethylbenzene	1.934	1.740	1.631	1.660	1.598	1.551	1.586	1.671	7.82
58)	T	m,p-Xylene	0.712	0.620	0.641	0.627	0.584	0.603	0.589	0.625	6.95
59)	T	o-Xylene	0.770	0.657	0.629	0.641	0.607	0.627	0.617	0.650	8.55
60)	T	Styrene	1.332	1.167	1.068	1.034	1.012	0.999	0.938	1.079	12.23
61)	TP	Bromoform	0.227	0.195	0.195	0.206	0.242	0.264	0.279	0.230	14.56
62)	T	Isopropylbenzene	1.872	1.750	1.724	1.733	1.710	1.707	1.697	1.742	3.44
63)	T	1,2,3-Trichlor...	0.136	0.129	0.115	0.119	0.117	0.125	0.128	0.124	6.07
64)	S	4-Bromofluorob...	1.194	0.708	0.580	0.529	0.506	0.476	0.506	0.643	39.69 *
65)	T	Bromobenzene	0.484	0.454	0.424	0.427	0.427	0.422	0.422	0.437	5.34
66)	TP	1,1,2,2-Tetrac...	0.460	0.424	0.398	0.382	0.383	0.392	0.397	0.405	6.94
67)	T	n-Propylbenzene	2.278	1.938	1.992	1.954	1.888	1.928	1.902	1.983	6.78
68)	T	2-Chlorotoluene	0.465	0.384	0.391	0.383	0.400	0.374	0.396	0.399	7.56
69)	T	4-Chlorotoluene	0.493	0.406	0.413	0.395	0.384	0.381	0.374	0.407	10.01
70)	T	1,3,5-Trimethy...	1.570	1.456	1.452	1.485	1.456	1.386	1.418	1.460	3.95
71)	T	tert-Butylbenzene	0.386	0.316	0.318	0.310	0.320	0.316	0.315	0.326	8.14
72)	T	1,2,4-Trimethy...	1.593	1.435	1.507	1.502	1.475	1.426	1.394	1.476	4.47
73)	T	sec-Butylbenzene	1.956	1.824	1.911	1.854	1.970	1.930	1.820	1.895	3.28
74)	T	p-Isopropyltol...	1.812	1.572	1.596	1.581	1.628	1.596	1.504	1.613	5.95
75)	I	1,4-Dichlorobenzen...	----------ISTD----------								
76)	T	1,3-Dichlorobe...	1.934	1.675	1.553	1.466	1.566	1.718	1.514	1.632	9.77
77)	T	1,4-Dichlorobe...	2.032	1.701	1.619	1.501	1.515	1.633	1.446	1.635	11.98
78)	T	n-Butylbenzene	3.198	3.027	2.928	2.764	2.957	3.188	2.825	2.984	5.58
79)	T	1,2-Dichlorobe...	1.978	1.671	1.608	1.462	1.434	1.508	1.344	1.572	13.32
80)	UN	Tetraethyllead								0.000	-1.00
81)	T	1,2-Dibromo-3-...	0.142	0.145	0.138	0.142	0.160	0.198	0.191	0.160	15.73 *
82)	T	1,2,4-Trichlor...	1.532	1.372	1.284	1.198	1.252	1.312	1.236	1.312	8.53
83)	T	1,2,3-Trichlor...	1.397	1.243	1.175	1.133	1.168	1.225	1.109	1.207	7.96
84)	T	Hexachlorobuta...	1.074	0.932	0.862	0.843	0.875	0.922	0.850	0.908	8.89

Initial Calibration Summary Table

Response Factor Report Instrument #1

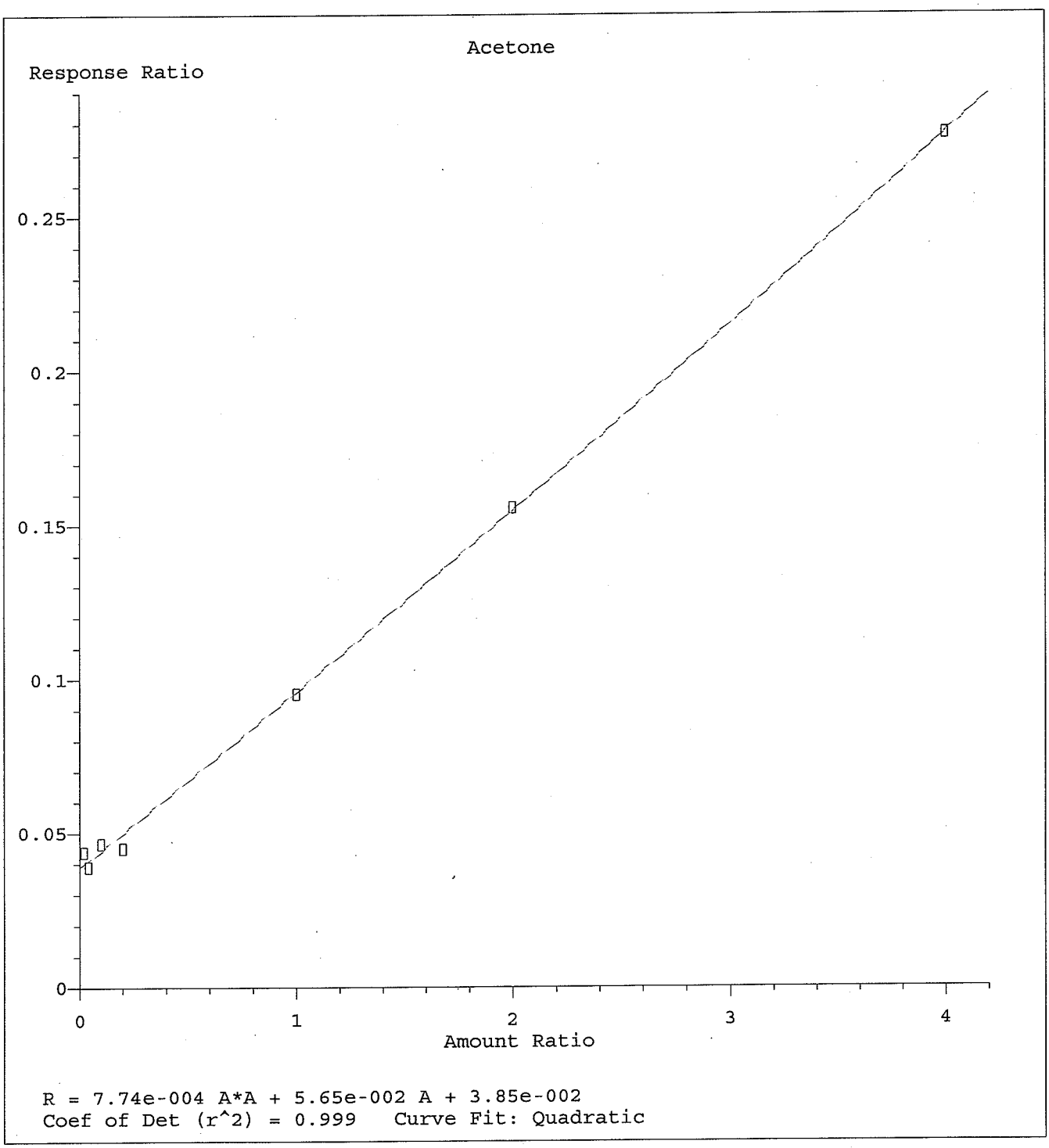
Method Path : C:\msdchem\1\METHODS\
Method File : 081110.M

85)	T	Naphthalene	2.734	2.524	2.257	2.144	2.121	2.470	2.388	2.377	9.29
86)	TM	Cyclohexane	1.007	0.998	0.985	0.848	0.933	1.050	0.866	0.955	7.95

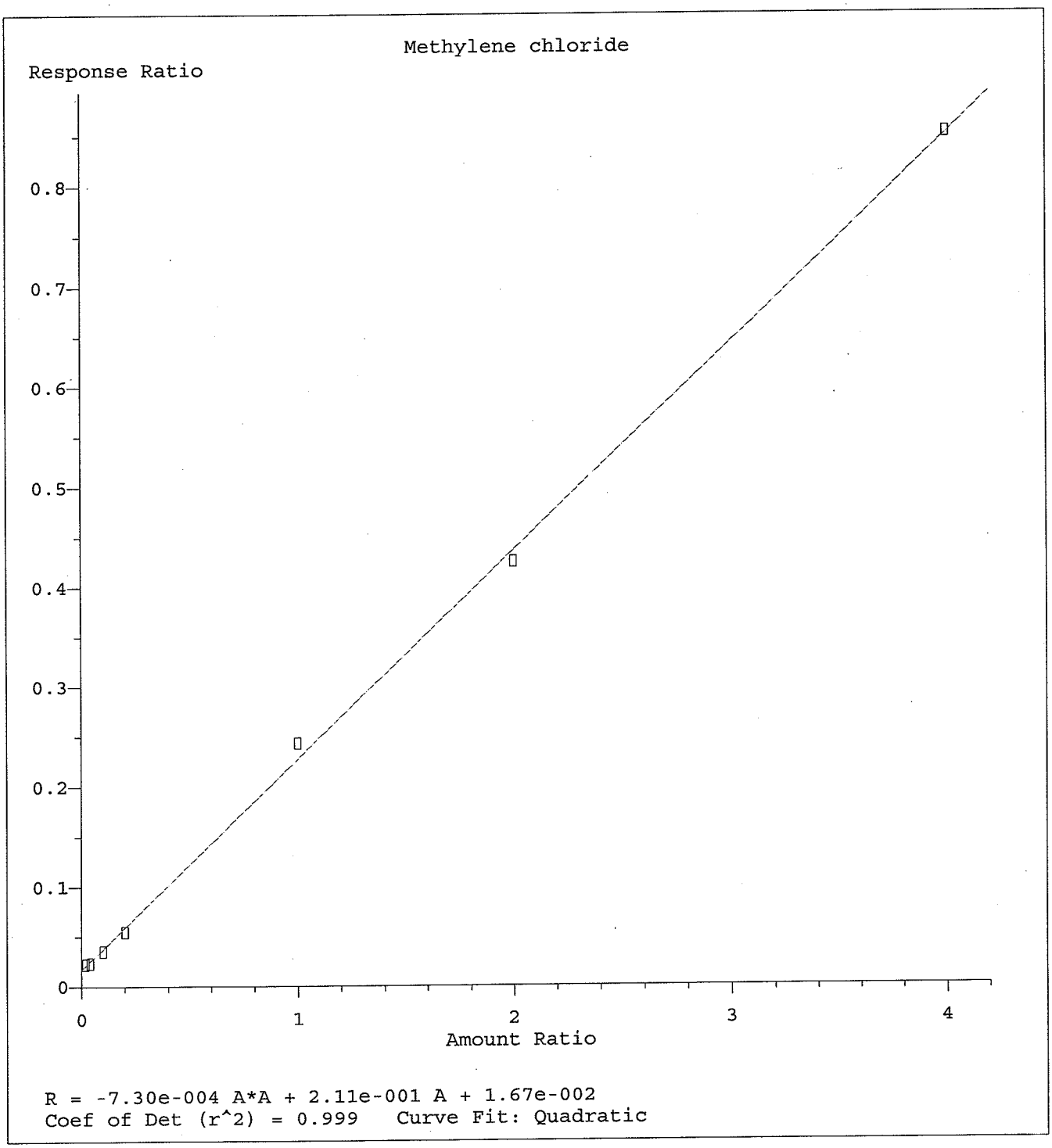
(#) = Out of Range

Initial Calibration Summary Table

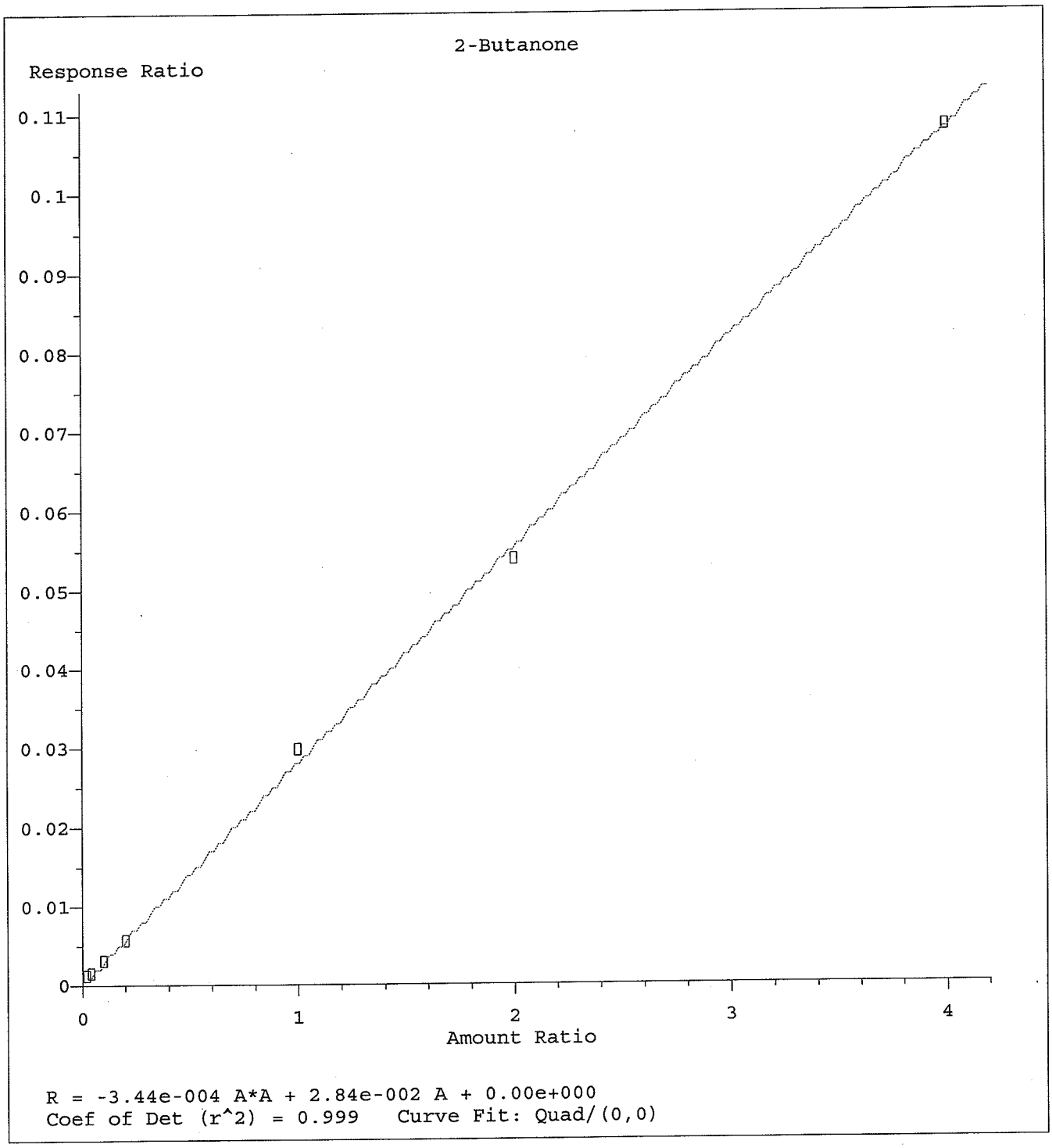
8/12 AM



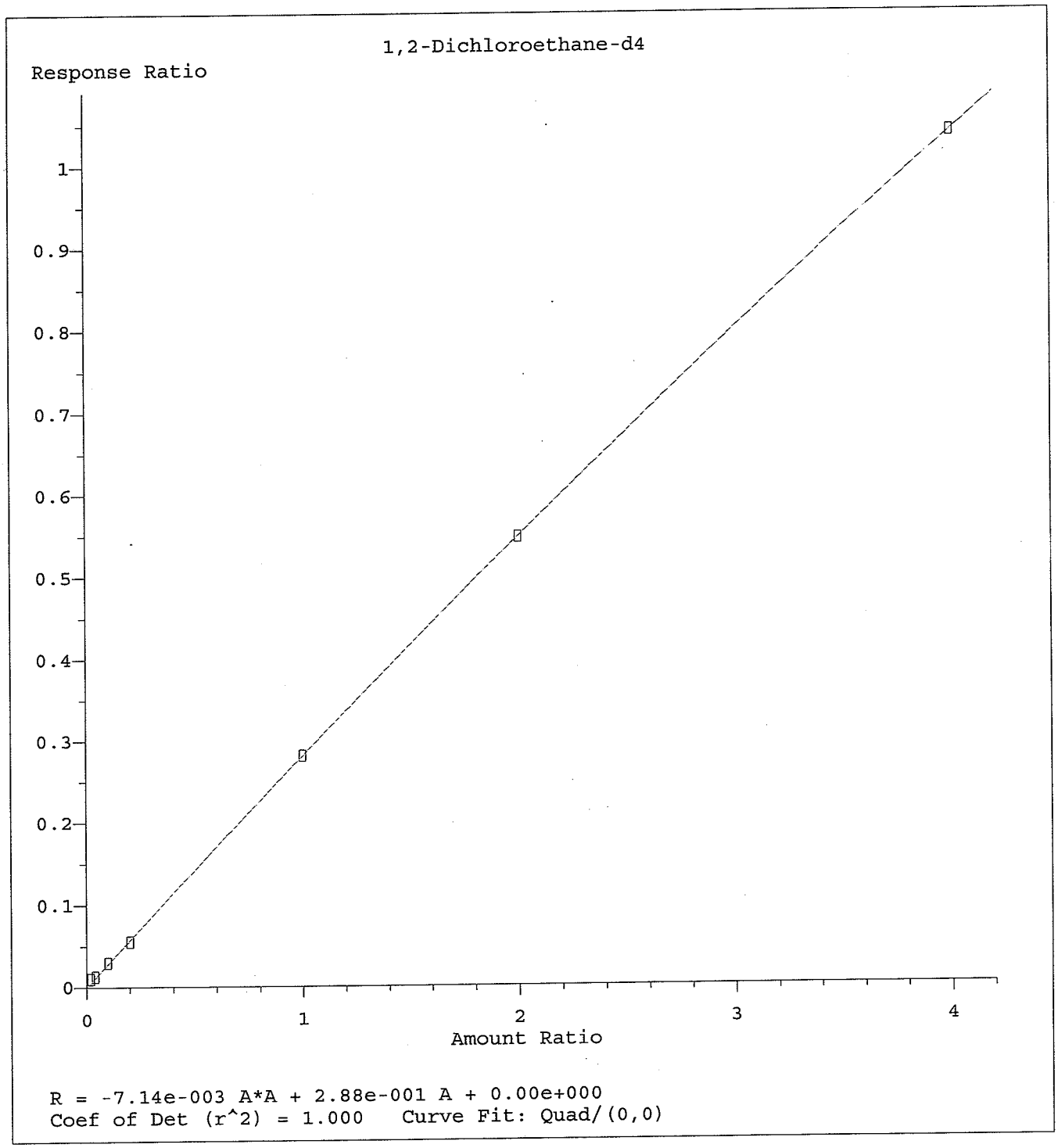
Method Name: C:\msdchem\1\METHODS\081110.M
Calibration Table Last Updated: Thu Aug 12 11:46:12 2010



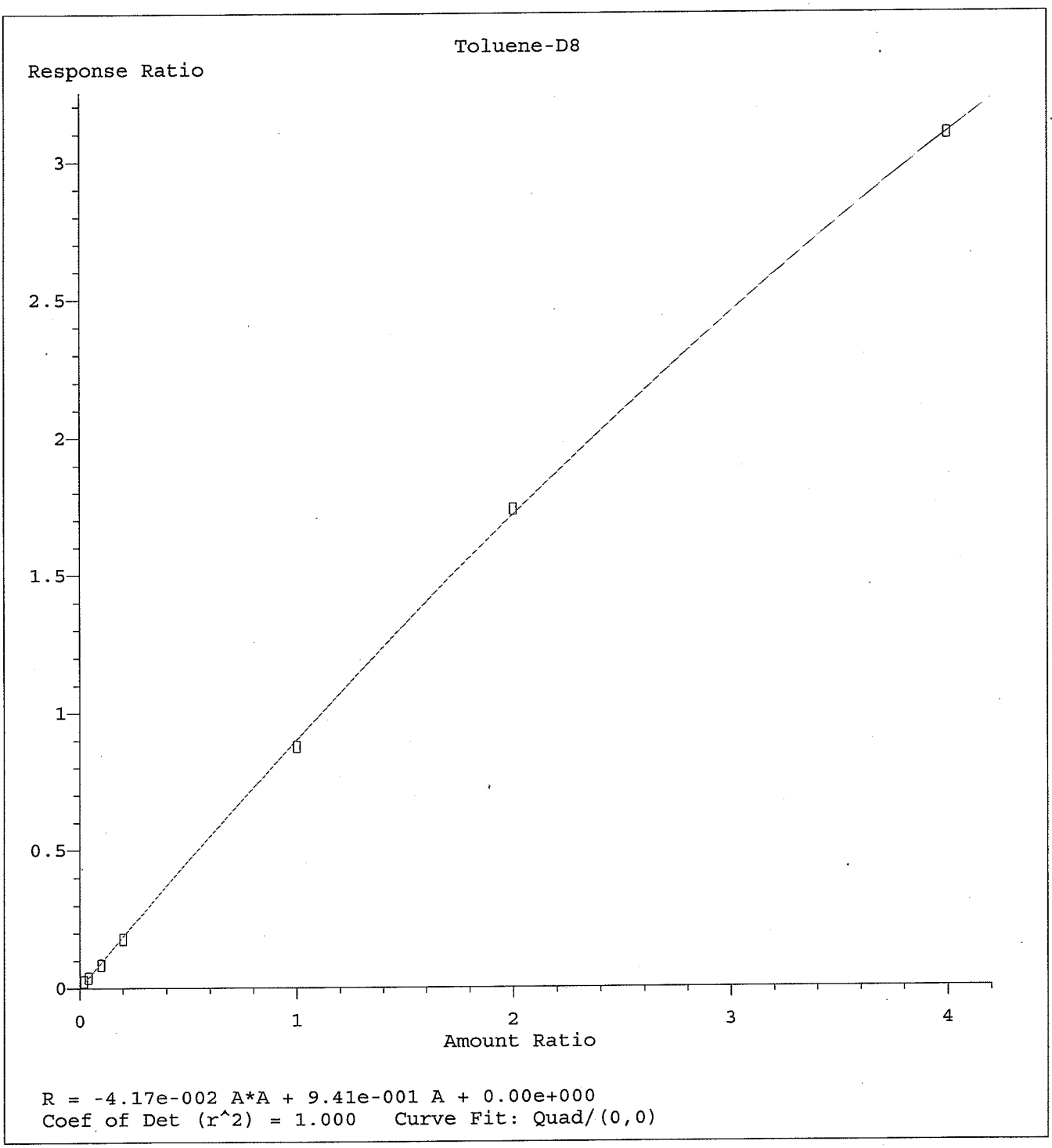
Method Name: C:\msdchem\1\METHODS\081110.M
Calibration Table Last Updated: Thu Aug 12 11:46:12 2010



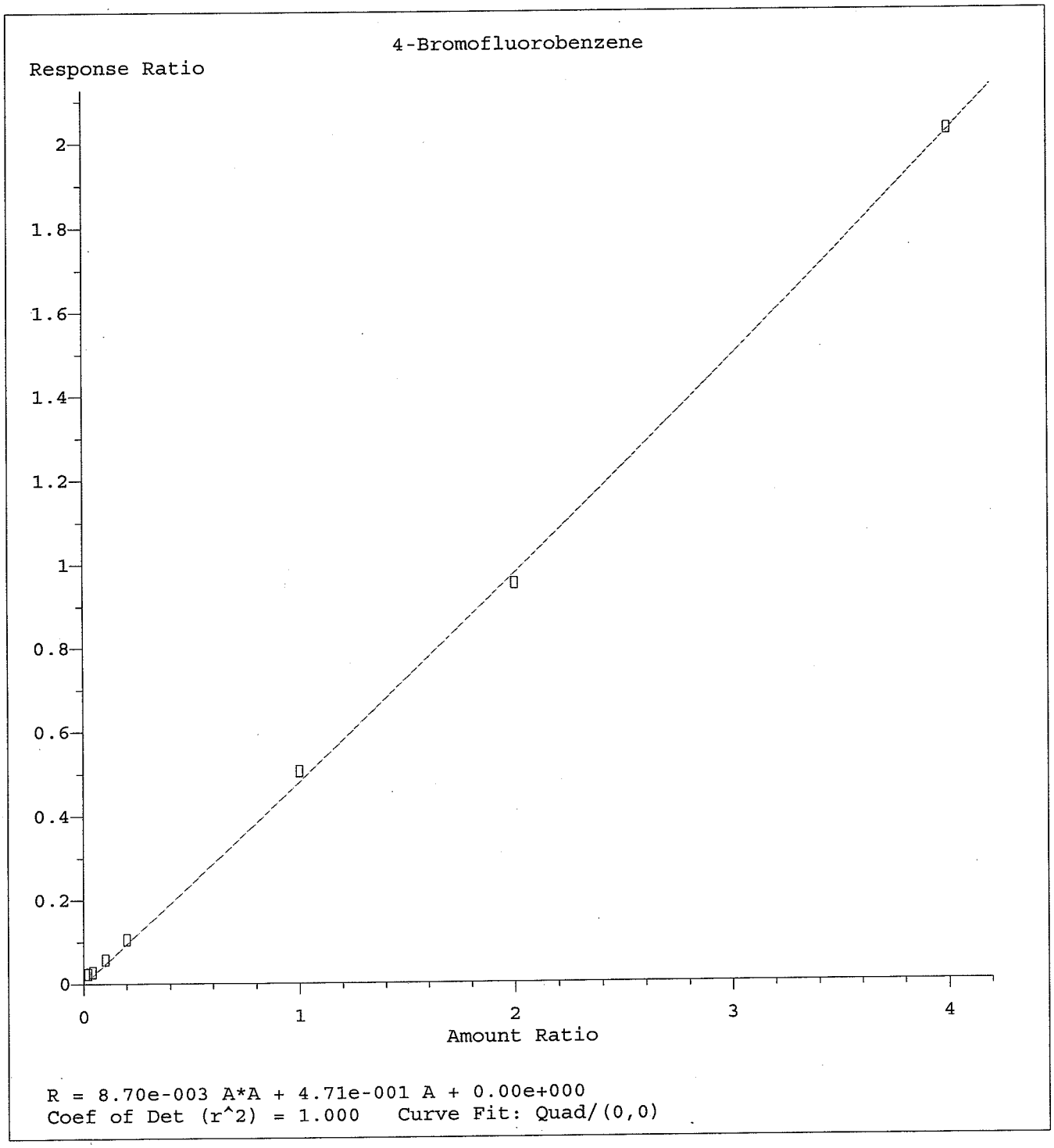
Method Name: C:\msdchem\1\METHODS\081110.M
Calibration Table Last Updated: Thu Aug 12 11:46:12 2010



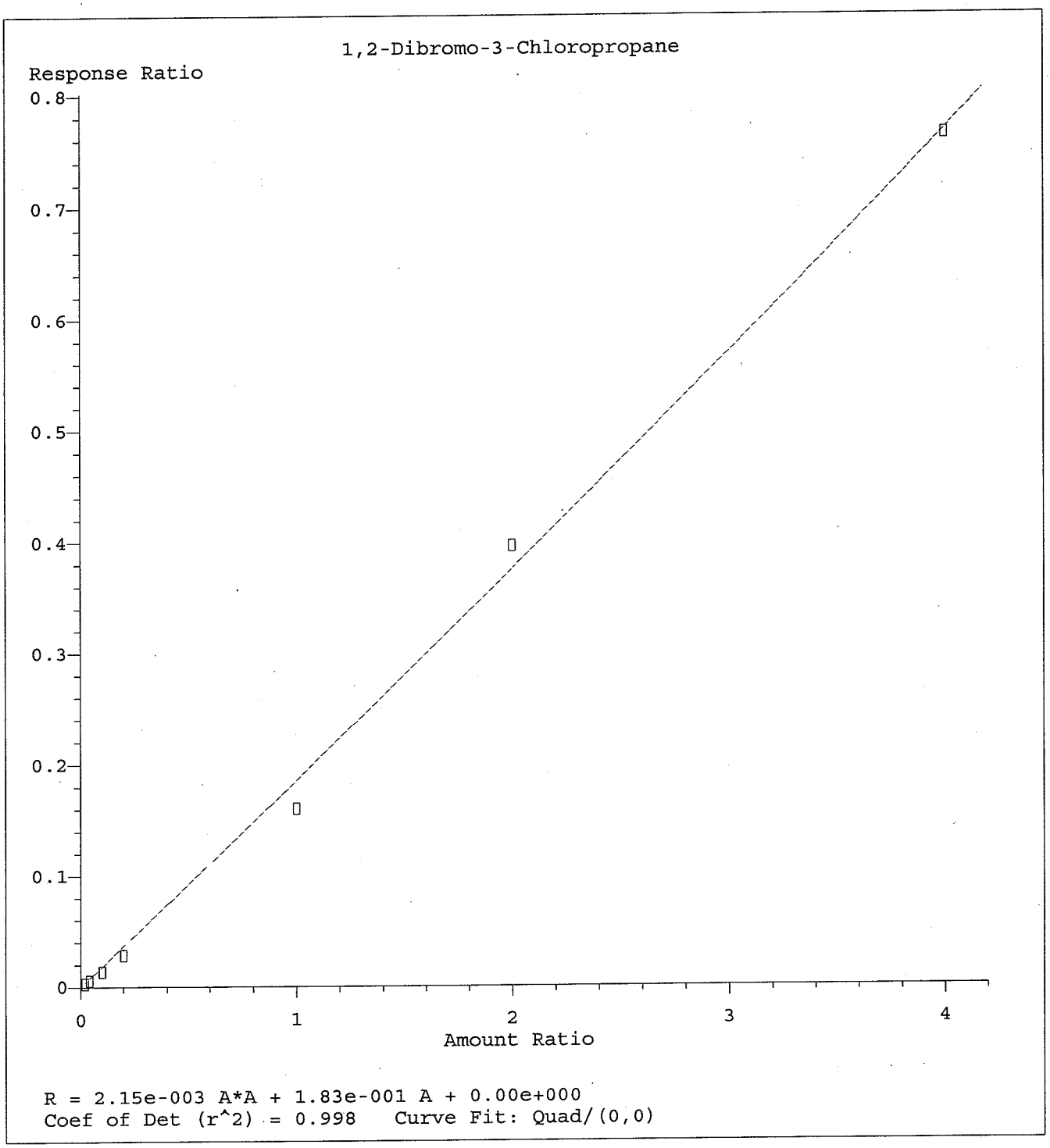
Method Name: C:\msdchem\1\METHODS\081110.M
Calibration Table Last Updated: Thu Aug 12 11:46:12 2010



Method Name: C:\msdchem\1\METHODS\081110.M
Calibration Table Last Updated: Thu Aug 12 11:46:12 2010



Method Name: C:\msdchem\1\METHODS\081110.M
Calibration Table Last Updated: Thu Aug 12 11:46:12 2010



Method Name: C:\msdchem\1\METHODS\081110.M
Calibration Table Last Updated: Thu Aug 12 11:46:12 2010

Quantitation Report (QT Reviewed)

Data File: C:\msdchem\1\DATA\081110\V77407.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 4:46 pm
Sample : 1ppb mega Cal
Misc :
ALS Vial : 3 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 12 11:50:42 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.073	96	460148	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.024	117	339022	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.559	152	176958	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.502	168	6080	1.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 2.62%#			
29) 1,2-Dichloroethane-d4	4.769	65	4729	1.79	ug/L	0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 3.58%#			
45) Toluene-D8	6.556	98	11481	1.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 2.66%#			
64) 4-Bromofluorobenzene	9.278	95	8097	2.54	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 5.08%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.438	85	3147	1.13	ug/L	95
3) Chloromethane	1.588	50	2547	1.08	ug/L	95
4) Vinyl chloride	1.663	62	2259	0.98	ug/L	91
5) Bromomethane	1.924	94	1464	1.19	ug/L	86
6) Chloroethane	1.993	64	1705	1.26	ug/L	94
7) Trichlorofluoromethane	2.202	101	4142	1.09	ug/L	96
8) Ethyl ether	2.420	59	1519	1.04	ug/L	100
9) Freon 113	2.607	101	2149	1.10	ug/L	95
10) 1,1-Dichloroethene	2.612	61	3167	1.10	ug/L	81
11) Acetone	2.645	43	20136	4.61	ug/L	92
12) Carbon disulfide	2.799	76	7033	1.11	ug/L	98
13) Methyl acetate	2.911	43	1375	1.24	ug/L	91
14) Methylene chloride	2.997	84	10266	1.34	ug/L	95
15) Acrylonitrile	3.194	53	607	1.07	ug/L	93
17) Methyl tert-butyl Ether	3.221	73	6516	1.10	ug/L	93
18) trans-1,2-Dichloroethene	3.226	61	2794	1.17	ug/L	83
19) 1,1-Dichloroethane	3.568	63	4034	1.14	ug/L	97
20) Vinyl acetate	3.605	43	3218	1.08	ug/L	91
21) 2,2-Dichloropropane	4.064	77	3613	1.01	ug/L	91
22) 2-Butanone	4.064	72	576	2.21	ug/L #	50
23) cis-1,2-Dichloroethene	4.059	96	3204	1.17	ug/L	92
24) Bromochloromethane	4.267	128	1184	1.08	ug/L #	72
25) Chloroform	4.331	83	4782	1.10	ug/L	99
28) 1,1,1-Trichloroethane	4.502	97	3891	1.03	ug/L	94
30) Carbon Tetrachloride	4.641	117	2990	1.00	ug/L	97
31) Benzene	4.827	78	10268	1.10	ug/L	94
32) 1,2-Dichloroethane	4.838	62	3352	1.11	ug/L	96
33) Trichloroethene	5.404	130	2567	1.07	ug/L #	82
34) Methylcyclohexane	5.585	83	4104	1.00	ug/L	90
36) 1,2-Dichloropropane	5.612	63	2583	1.15	ug/L #	68
38) Dibromomethane	5.724	93	1447	1.08	ug/L #	71
39) Bromodichloromethane	5.863	83	3264	1.03	ug/L	94
40) 2-Chloroethyl vinyl Ether	6.151	63	1115	0.89	ug/L	86
42) 1,1-Dichloropropene	4.646	75	3771	1.15	ug/L	86
43) cis-1,3-Dichloropropene	6.295	75	3495	0.93	ug/L	88

8/12 pm

Data File: C:\msdchem\1\DATA\081110\V77407.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 4:46 pm Operator: Bill Brew
Sample : 1ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 3 Sample Multiplier: 1

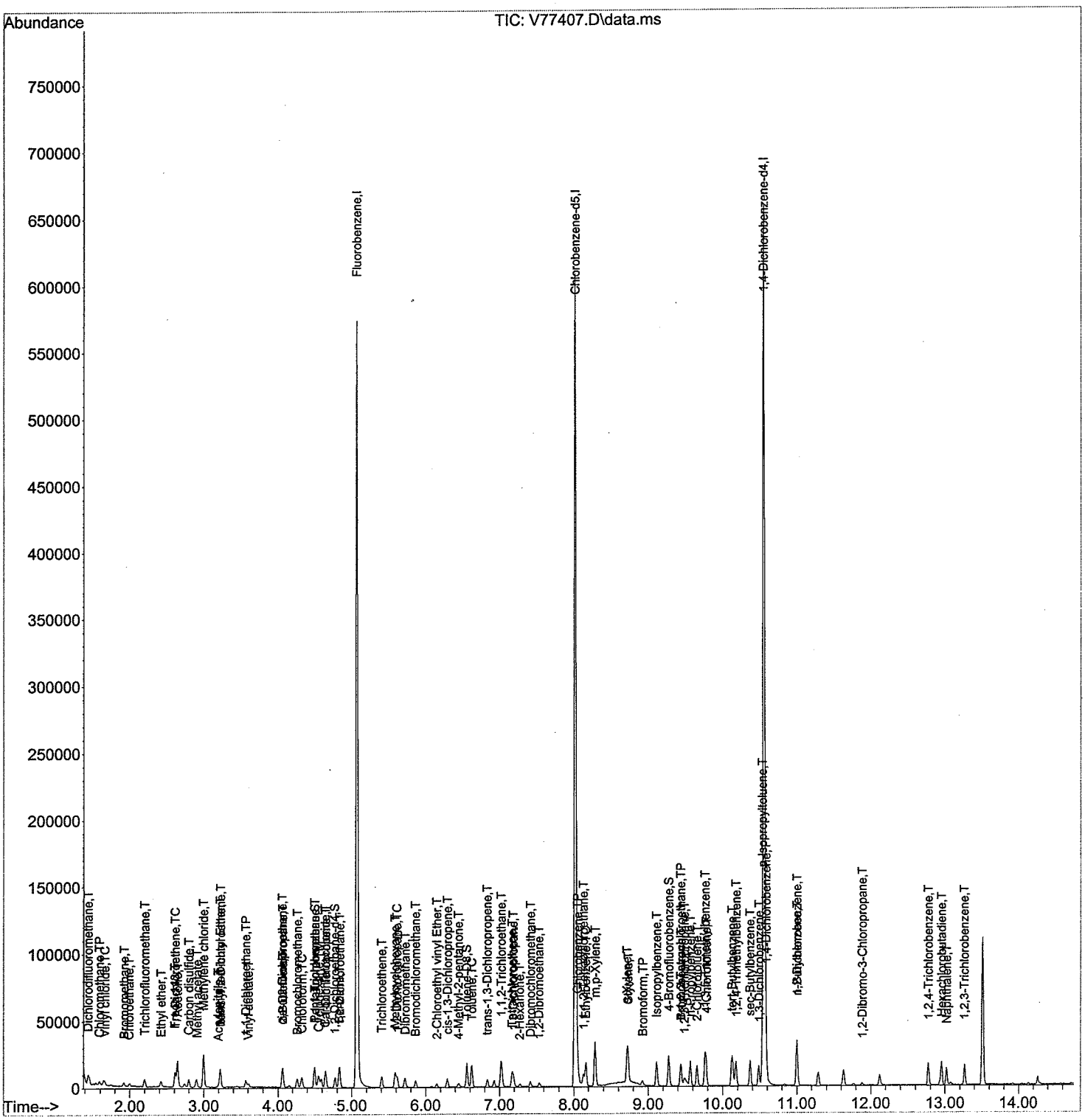
Quant Time: Aug 12 11:50:42 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 4-Methyl-2-pentanone	6.444	43	2092m	1.06	ug/L		
46) Toluene	6.626	91	11877	1.20	ug/L		99
47) trans-1,3-Dichloropropene	6.834	75	3407	0.98	ug/L		92
48) 1,1,2-Trichloroethane	7.021	97	2505	1.18	ug/L		97
49) 1,3-Dichloropropane	7.186	76	4075	1.13	ug/L		96
50) Tetrachloroethene	7.170	166	3095	1.05	ug/L		90
51) 2-Hexanone	7.272	43	1402	1.05	ug/L	#	38
52) Dibromochloromethane	7.421	129	2186	0.98	ug/L	#	93
53) 1,2-Dibromoethane	7.533	107	2249	1.04	ug/L		93
55) Chlorobenzene	8.051	112	7135	1.14	ug/L	#	47
56) 1,1,1,2-Tetrachloroethane	8.131	131	2282	1.03	ug/L	#	70
57) Ethylbenzene	8.163	91	13111	1.16	ug/L		90
58) m,p-Xylene	8.291	106	9660	2.28	ug/L	#	73
59) o-Xylene	8.712	106	5224	1.19	ug/L	#	76
60) Styrene	8.728	104	9029	1.23	ug/L		91
61) Bromoform	8.926	173	1538	0.99	ug/L		92
62) Isopropylbenzene	9.113	105	12690	1.07	ug/L		93
63) 1,2,3-Trichloropropane	9.486	110	921	1.09	ug/L	#	64
65) Bromobenzene	9.444	156	3281	1.11	ug/L	#	60
66) 1,1,2,2-Tetrachloroethane	9.438	83	3121	1.14	ug/L		93
67) n-Propylbenzene	9.566	91	15446	1.15	ug/L		86
68) 2-Chlorotoluene	9.657	126	3150	1.16	ug/L	#	64
69) 4-Chlorotoluene	9.780	126	3346	1.21	ug/L	#	49
70) 1,3,5-Trimethylbenzene	9.764	105	10644	1.07	ug/L		85
71) tert-Butylbenzene	10.127	134	2616	1.18	ug/L	#	75
72) 1,2,4-Trimethylbenzene	10.180	105	10800	1.08	ug/L		84
73) sec-Butylbenzene	10.367	105	13265	1.03	ug/L		91
74) p-Isopropyltoluene	10.538	119	12287	1.12	ug/L		90
76) 1,3-Dichlorobenzene	10.490	146	6846	1.19	ug/L		95
77) 1,4-Dichlorobenzene	10.586	146	7192	1.24	ug/L	#	65
78) n-Butylbenzene	11.002	91	11320	1.07	ug/L		93
79) 1,2-Dichlorobenzene	11.002	146	7002	1.26	ug/L		99
81) 1,2-Dibromo-3-Chloropr...	11.888	157	504	0.78	ug/L	#	64
82) 1,2,4-Trichlorobenzene	12.774	180	5422	1.17	ug/L		98
83) 1,2,3-Trichlorobenzene	13.265	180	4945	1.16	ug/L		95
84) Hexachlorobutadiene	12.955	225	3800	1.18	ug/L		97
85) Naphthalene	13.025	128	9677	1.15	ug/L		98
86) Cyclohexane	4.555	56	3564	1.05	ug/L		87

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

Data File: C:\msdchem\1\DATA\081110\V77407.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 4:46 pm Operator: Bill Brew
Sample : 1ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 12 11:50:42 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE



Data File: C:\msdchem\1\DATA\081110\V77408.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 5:10 pm Operator: Bill Brew
Sample : 2ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 11:51:57 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.075	96	482923	50.00	ug/L		0.00
54) Chlorobenzene-d5	8.021	117	362514	50.00	ug/L		0.00
75) 1,4-Dichlorobenzene-d4	10.561	152	184642	50.00	ug/L		0.00
System Monitoring Compounds							
26) Pentafluorobenzene	4.498	168	10186	2.09	ug/L		0.00
Spiked Amount 50.000	Range 70 - 123		Recovery =	4.18%#			
29) 1,2-Dichloroethane-d4	4.771	65	6383	2.30	ug/L		0.00
Spiked Amount 50.000	Range 71 - 106		Recovery =	4.60%#			
45) Toluene-D8	6.558	98	17863	1.97	ug/L		0.00
Spiked Amount 50.000	Range 70 - 113		Recovery =	3.94%#			
64) 4-Bromofluorobenzene	9.280	95	10273	3.01	ug/L		0.00
Spiked Amount 50.000	Range 67 - 107		Recovery =	6.02%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.446	85	5689	1.94	ug/L		95
3) Chloromethane	1.590	50	4993	2.03	ug/L		98
4) Vinyl chloride	1.665	62	4774	1.98	ug/L		92
5) Bromomethane	1.926	94	2440	1.88	ug/L		91
6) Chloroethane	2.001	64	2996	2.11	ug/L		93
7) Trichlorofluoromethane	2.204	101	7898	1.97	ug/L		98
8) Ethyl ether	2.422	59	3108	2.03	ug/L		100
9) Freon 113	2.620	101	4093	1.99	ug/L		94
10) 1,1-Dichloroethene	2.614	61	6179	2.04	ug/L		84
12) Carbon disulfide	2.807	76	12661	1.90	ug/L		99
13) Methyl acetate	2.908	43	2468	2.12	ug/L		90
14) Methylene chloride	2.999	84	11309	1.60	ug/L		95
15) Acrylonitrile	3.202	53	1247	2.09	ug/L		98
17) Methyl tert-butyl Ether	3.218	73	12125	1.96	ug/L		93
18) trans-1,2-Dichloroethene	3.228	61	4883	1.95	ug/L		88
19) 1,1-Dichloroethane	3.575	63	7523	2.02	ug/L		99
20) Vinyl acetate	3.607	43	6256	2.01	ug/L		92
21) 2,2-Dichloropropane	4.066	77	7580	2.03	ug/L		88
22) 2-Butanone	4.071	72	754	2.75	ug/L	#	31
23) cis-1,2-Dichloroethene	4.061	96	5925	2.06	ug/L	#	84
24) Bromochloromethane	4.269	128	2448	2.12	ug/L	#	81
25) Chloroform	4.333	83	9200	2.02	ug/L		99
28) 1,1,1-Trichloroethane	4.504	97	7694	1.95	ug/L		98
30) Carbon Tetrachloride	4.653	117	5657	1.80	ug/L		98
31) Benzene	4.829	78	20239	2.06	ug/L		98
32) 1,2-Dichloroethane	4.840	62	6589	2.08	ug/L		98
33) Trichloroethene	5.406	130	4853	1.93	ug/L	#	82
34) Methylcyclohexane	5.592	83	8374	1.94	ug/L		92
36) 1,2-Dichloropropane	5.614	63	4822	2.05	ug/L		98
38) Dibromomethane	5.721	93	2765	1.97	ug/L	#	73
39) Bromodichloromethane	5.870	83	6376	1.91	ug/L		92
40) 2-Chloroethyl vinyl Ether	6.147	63	2482	1.90	ug/L		88
42) 1,1-Dichloropropene	4.648	75	6910	2.00	ug/L		92
43) cis-1,3-Dichloropropene	6.292	75	7340	1.86	ug/L		93
44) 4-Methyl-2-pentanone	6.441	43	4271m	2.06	ug/L		

8/12 pm

Data File: C:\msdchem\1\DATA\081110\V77408.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 5:10 pm Operator: Bill Brew
Sample : 2ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 4 Sample Multiplier: 1

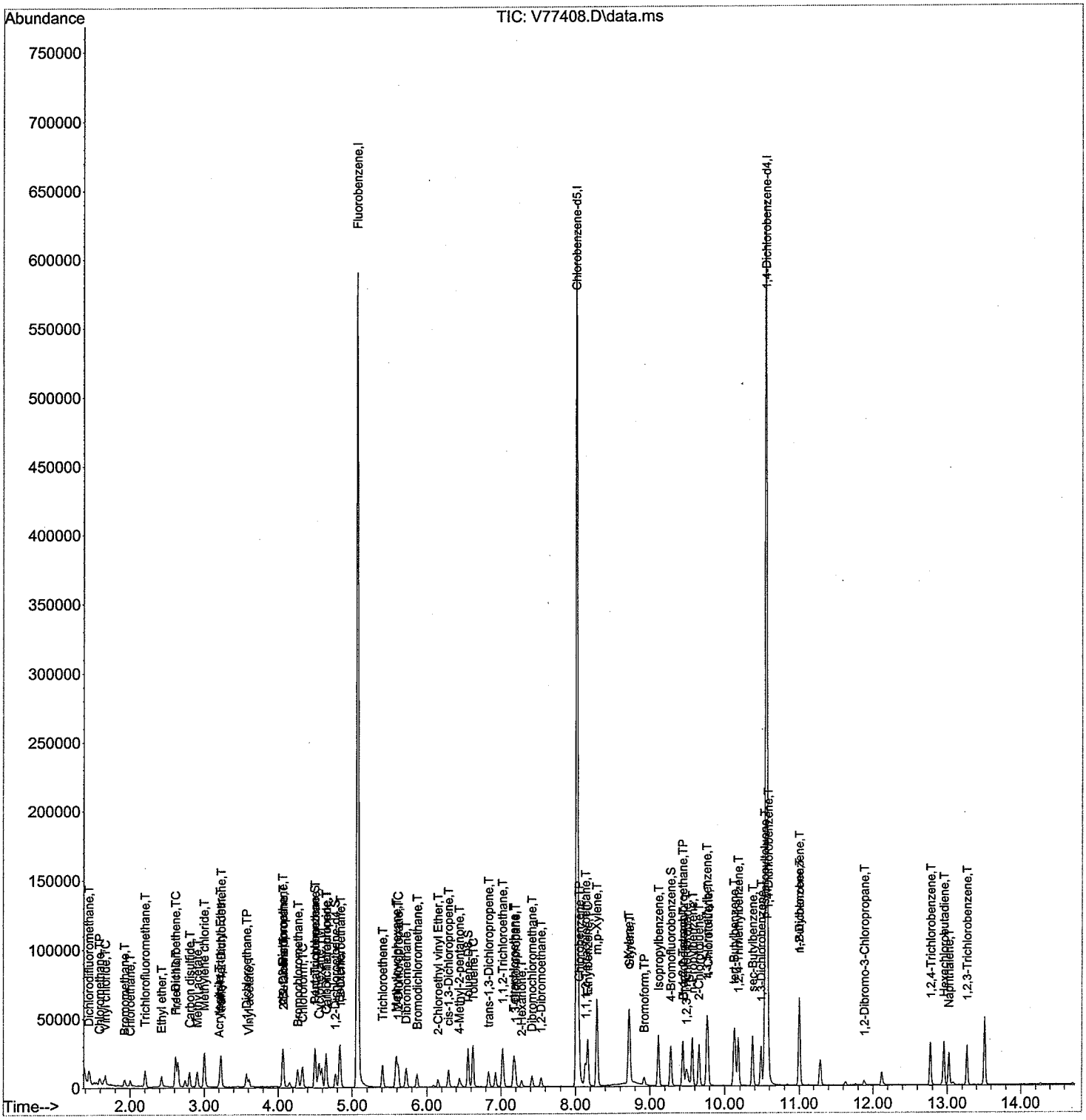
Quant Time: Aug 12 11:51:57 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) Toluene	6.628	91	22875	2.20	ug/L		91
47) trans-1,3-Dichloropropene	6.836	75	6298	1.73	ug/L		91
48) 1,1,2-Trichloroethane	7.023	97	4767	2.14	ug/L		93
49) 1,3-Dichloropropane	7.193	76	7865	2.07	ug/L		95
50) Tetrachloroethene	7.172	166	5650	1.83	ug/L		87
51) 2-Hexanone	7.279	43	2734	1.95	ug/L		96
52) Dibromochloromethane	7.418	129	4357	1.86	ug/L		95
53) 1,2-Dibromoethane	7.540	107	4625	2.04	ug/L		97
55) Chlorobenzene	8.053	112	13548	2.02	ug/L	#	62
56) 1,1,1,2-Tetrachloroethane	8.138	131	4282	1.80	ug/L	#	67
57) Ethylbenzene	8.165	91	25231	2.08	ug/L		90
58) m,p-Xylene	8.287	106	17987	3.97	ug/L	#	66
59) o-Xylene	8.714	106	9527	2.02	ug/L	#	71
60) Styrene	8.725	104	16929	2.16	ug/L		94
61) Bromoform	8.923	173	2822	1.69	ug/L		97
62) Isopropylbenzene	9.115	105	25372	2.01	ug/L		91
63) 1,2,3-Trichloropropane	9.488	110	1874	2.08	ug/L	#	83
65) Bromobenzene	9.446	156	6585	2.08	ug/L	#	66
66) 1,1,2,2-Tetrachloroethane	9.440	83	6155	2.09	ug/L		96
67) n-Propylbenzene	9.568	91	28103	1.95	ug/L		87
68) 2-Chlorotoluene	9.654	126	5566	1.92	ug/L	#	45
69) 4-Chlorotoluene	9.776	126	5894	2.00	ug/L	#	46
70) 1,3,5-Trimethylbenzene	9.760	105	21117	1.99	ug/L		86
71) tert-Butylbenzene	10.123	134	4589	1.94	ug/L	#	67
72) 1,2,4-Trimethylbenzene	10.177	105	20814	1.94	ug/L		88
73) sec-Butylbenzene	10.369	105	26444	1.92	ug/L		88
74) p-Isopropyltoluene	10.534	119	22788	1.95	ug/L		89
76) 1,3-Dichlorobenzene	10.486	146	12374	2.05	ug/L		93
77) 1,4-Dichlorobenzene	10.582	146	12561	2.08	ug/L	#	79
78) n-Butylbenzene	10.999	91	22356	2.03	ug/L		87
79) 1,2-Dichlorobenzene	10.999	146	12345	2.13	ug/L		98
81) 1,2-Dibromo-3-Chloropr...	11.884	157	1071	1.58	ug/L	#	77
82) 1,2,4-Trichlorobenzene	12.776	180	10136	2.09	ug/L		94
83) 1,2,3-Trichlorobenzene	13.267	180	9180	2.06	ug/L		95
84) Hexachlorobutadiene	12.957	225	6886	2.05	ug/L		99
85) Naphthalene	13.021	128	18642	2.12	ug/L		99
86) Cyclohexane	4.557	56	7373	2.09	ug/L		86

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

Data File: C:\msdchem\1\DATA\081110\V77408.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 5:10 pm Operator: Bill Brew
Sample : 2ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 11:51:57 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE



Data File: C:\msdchem\1\DATA\081110\V77409.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 5:33 pm
Sample : 5ppb mega Cal
Misc :
ALS Vial : 5 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 12 11:52:18 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.076	96	467204	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.022	117	343820	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.562	152	182010	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.505	168	23198	4.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 9.82%#			
29) 1,2-Dichloroethane-d4	4.772	65	13937	5.19	ug/L	0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 10.38%#			
45) Toluene-D8	6.565	98	39461	4.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 9.00%#			
64) 4-Bromofluorobenzene	9.276	95	19936	6.15	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 12.30%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.447	85	13813	4.87	ug/L	99
3) Chloromethane	1.596	50	12075	5.06	ug/L	99
4) Vinyl chloride	1.666	62	11338	4.86	ug/L	96
5) Bromomethane	1.927	94	5963	4.76	ug/L	96
6) Chloroethane	2.002	64	6359	4.63	ug/L	98
7) Trichlorofluoromethane	2.205	101	18366	4.75	ug/L	99
8) Ethyl ether	2.429	59	7045	4.75	ug/L	100
9) Freon 113	2.610	101	9770	4.91	ug/L	95
10) 1,1-Dichloroethene	2.616	61	14987	5.11	ug/L	83
11) Acetone	2.648	43	21734	7.05	ug/L	91
12) Carbon disulfide	2.802	76	31816	4.93	ug/L	98
13) Methyl acetate	2.914	43	5248	4.67	ug/L	96
14) Methylene chloride	3.000	84	16522	4.43	ug/L	96
15) Acrylonitrile	3.203	53	2705	4.69	ug/L	96
17) Methyl tert-butyl Ether	3.224	73	29451	4.92	ug/L	98
18) trans-1,2-Dichloroethene	3.224	61	12288	5.06	ug/L	86
19) 1,1-Dichloroethane	3.576	63	18121	5.02	ug/L	99
20) Vinyl acetate	3.614	43	15032	4.98	ug/L	94
21) 2,2-Dichloropropane	4.067	77	16725	4.62	ug/L	91
22) 2-Butanone	4.072	72	1463	5.52	ug/L #	70
23) cis-1,2-Dichloroethene	4.067	96	12920	4.65	ug/L #	83
24) Bromochloromethane	4.270	128	5698	5.10	ug/L #	78
25) Chloroform	4.334	83	22222	5.05	ug/L	100
28) 1,1,1-Trichloroethane	4.505	97	18552	4.86	ug/L	93
30) Carbon Tetrachloride	4.649	117	14277	4.71	ug/L	98
31) Benzene	4.830	78	46269	4.86	ug/L	98
32) 1,2-Dichloroethane	4.841	62	15801	5.15	ug/L	96
33) Trichloroethene	5.407	130	12313	5.07	ug/L #	84
34) Methylcyclohexane	5.593	83	20313	4.87	ug/L	89
36) 1,2-Dichloropropane	5.615	63	11779	5.18	ug/L	98
38) Dibromomethane	5.722	93	6578	4.86	ug/L #	73
39) Bromodichloromethane	5.871	83	15250	4.72	ug/L	97
40) 2-Chloroethyl vinyl Ether	6.149	63	5980	4.72	ug/L	93
42) 1,1-Dichloropropene	4.649	75	16795	5.04	ug/L	89
43) cis-1,3-Dichloropropene	6.293	75	18636	4.87	ug/L	96

8/12 pm

Data File: C:\msdchem\1\DATA\081110\V77409.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 5:33 pm Operator: Bill Brew
Sample : 5ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 5 Sample Multiplier: 1

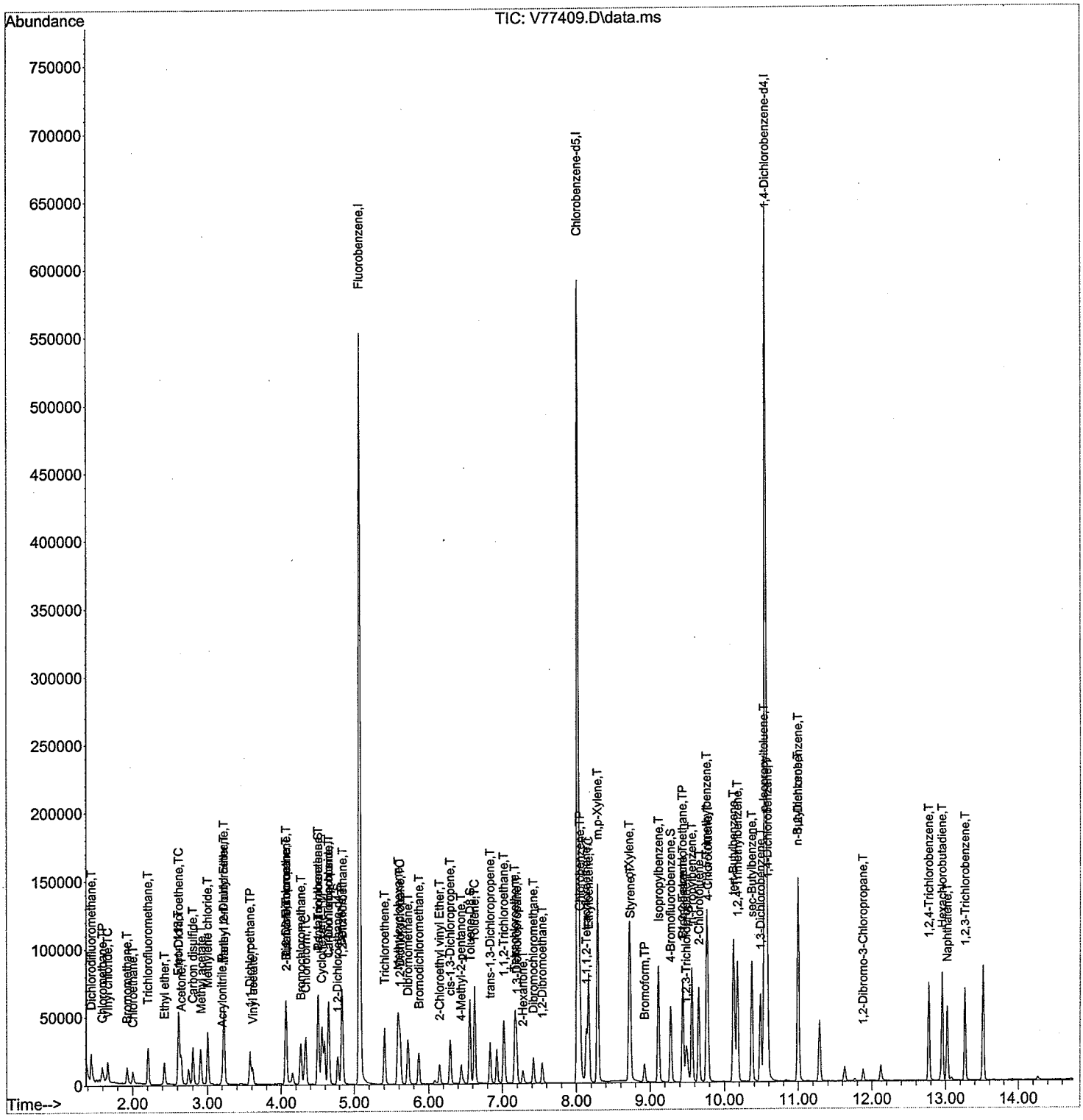
Quant Time: Aug 12 11:52:18 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 4-Methyl-2-pentanone	6.442	43	9458m	4.72	ug/L		
46) Toluene	6.623	91	49148	4.88	ug/L		98
47) trans-1,3-Dichloropropene	6.837	75	16357	4.64	ug/L		96
48) 1,1,2-Trichloroethane	7.018	97	10665	4.94	ug/L		97
49) 1,3-Dichloropropane	7.195	76	18174	4.94	ug/L		98
50) Tetrachloroethene	7.168	166	14676	4.92	ug/L		95
51) 2-Hexanone	7.275	43	6280	4.63	ug/L		92
52) Dibromochloromethane	7.419	129	10279	4.54	ug/L		99
53) 1,2-Dibromoethane	7.541	107	10237	4.66	ug/L		98
55) Chlorobenzene	8.048	112	30751	4.83	ug/L	#	74
56) 1,1,1,2-Tetrachloroethane	8.134	131	11173	4.95	ug/L		96
57) Ethylbenzene	8.166	91	56086	4.88	ug/L		91
58) m,p-Xylene	8.289	106	44080	10.25	ug/L	#	69
59) o-Xylene	8.716	106	21636	4.84	ug/L	#	78
60) Styrene	8.732	104	36711	4.95	ug/L		92
61) Bromoform	8.924	173	6717	4.25	ug/L		96
62) Isopropylbenzene	9.116	105	59273	4.95	ug/L		93
63) 1,2,3-Trichloropropane	9.484	110	3962	4.64	ug/L	#	84
65) Bromobenzene	9.441	156	14594	4.85	ug/L	#	64
66) 1,1,2,2-Tetrachloroethane	9.436	83	13695	4.91	ug/L		95
67) n-Propylbenzene	9.564	91	68481	5.02	ug/L		86
68) 2-Chlorotoluene	9.660	126	13454	4.90	ug/L	#	50
69) 4-Chlorotoluene	9.778	126	14207	5.08	ug/L	#	50
70) 1,3,5-Trimethylbenzene	9.762	105	49923	4.97	ug/L		88
71) tert-Butylbenzene	10.124	134	10928	4.87	ug/L	#	62
72) 1,2,4-Trimethylbenzene	10.178	105	51809	5.10	ug/L		86
73) sec-Butylbenzene	10.370	105	65698	5.04	ug/L		88
74) p-Isopropyltoluene	10.535	119	54875	4.95	ug/L		90
76) 1,3-Dichlorobenzene	10.487	146	28273	4.76	ug/L		93
77) 1,4-Dichlorobenzene	10.583	146	29474	4.95	ug/L	#	90
78) n-Butylbenzene	10.994	91	53292	4.91	ug/L		91
79) 1,2-Dichlorobenzene	11.000	146	29264	5.11	ug/L		96
81) 1,2-Dibromo-3-Chloropr...	11.880	157	2509	3.75	ug/L	#	78
82) 1,2,4-Trichlorobenzene	12.772	180	23363	4.89	ug/L		96
83) 1,2,3-Trichlorobenzene	13.268	180	21379	4.86	ug/L		96
84) Hexachlorobutadiene	12.953	225	15681	4.74	ug/L		97
85) Naphthalene	13.022	128	41077	4.75	ug/L		99
86) Cyclohexane	4.553	56	17925	5.16	ug/L		83

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

Data File: C:\msdchem\1\DATA\081110\V77409.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 5:33 pm Operator: Bill Brew
Sample : 5ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 12 11:52:18 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE



Data File: C:\msdchem\1\DATA\081110\V77410.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 5:56 pm Operator: Bill Brew
Sample : 10ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 12 11:52:40 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.072	96	471156	50.00	ug/L		0.00
54) Chlorobenzene-d5	8.018	117	348114	50.00	ug/L		0.00
75) 1,4-Dichlorobenzene-d4	10.558	152	192170	50.00	ug/L		0.00
System Monitoring Compounds							
26) Pentafluorobenzene	4.506	168	44575	9.36	ug/L		0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 18.72%#				
29) 1,2-Dichloroethane-d4	4.773	65	26065	9.65	ug/L		0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 19.30%#				
45) Toluene-D8	6.561	98	83967	9.55	ug/L		0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 19.10%#				
64) 4-Bromofluorobenzene	9.277	95	36818	11.19	ug/L		0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 22.38%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.443	85	27457	9.59	ug/L		97
3) Chloromethane	1.592	50	21338	8.87	ug/L		99
4) Vinyl chloride	1.667	62	23443	9.96	ug/L		99
5) Bromomethane	1.929	94	12035	9.52	ug/L		92
6) Chloroethane	2.003	64	13256	9.57	ug/L		97
7) Trichlorofluoromethane	2.206	101	37653	9.65	ug/L		98
8) Ethyl ether	2.425	59	13851	9.27	ug/L		100
9) Freon 113	2.612	101	18752	9.34	ug/L		93
10) 1,1-Dichloroethene	2.617	61	28144	9.51	ug/L		89
11) Acetone	2.649	43	21189	5.68	ug/L		95
12) Carbon disulfide	2.799	76	63647	9.77	ug/L		100
13) Methyl acetate	2.916	43	10530	9.29	ug/L		96
14) Methylene chloride	3.001	84	25802	9.02	ug/L		91
15) Acrylonitrile	3.199	53	5886	10.11	ug/L		89
17) Methyl tert-butyl Ether	3.226	73	59319	9.82	ug/L		99
18) trans-1,2-Dichloroethene	3.231	61	23089	9.43	ug/L		87
19) 1,1-Dichloroethane	3.572	63	34667	9.53	ug/L		100
20) Vinyl acetate	3.610	43	27631	9.09	ug/L		96
21) 2,2-Dichloropropane	4.069	77	36307	9.95	ug/L		93
22) 2-Butanone	4.074	72	2701	10.12	ug/L	#	54
23) cis-1,2-Dichloroethene	4.063	96	28097	10.03	ug/L	#	86
24) Bromochloromethane	4.266	128	10558	9.36	ug/L	#	78
25) Chloroform	4.330	83	42940	9.67	ug/L		99
28) 1,1,1-Trichloroethane	4.501	97	37090	9.63	ug/L		96
30) Carbon Tetrachloride	4.650	117	28320	9.26	ug/L		98
31) Benzene	4.827	78	95462	9.95	ug/L		96
32) 1,2-Dichloroethane	4.837	62	30455	9.84	ug/L		97
33) Trichloroethene	5.403	130	24246	9.90	ug/L	#	83
34) Methylcyclohexane	5.590	83	41771	9.93	ug/L		90
36) 1,2-Dichloropropane	5.616	63	21578	9.40	ug/L	#	68
38) Dibromomethane	5.723	93	13732	10.05	ug/L	#	72
39) Bromodichloromethane	5.867	83	30298	9.31	ug/L		99
40) 2-Chloroethyl vinyl Ether	6.150	63	12698	9.94	ug/L		92
42) 1,1-Dichloropropene	4.645	75	33257	9.89	ug/L		88
43) cis-1,3-Dichloropropene	6.294	75	38042	9.86	ug/L		93

8/12 mg

Data File: C:\msdchem\1\DATA\081110\V77410.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 5:56 pm Operator: Bill Brew
Sample : 10ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 6 Sample Multiplier: 1

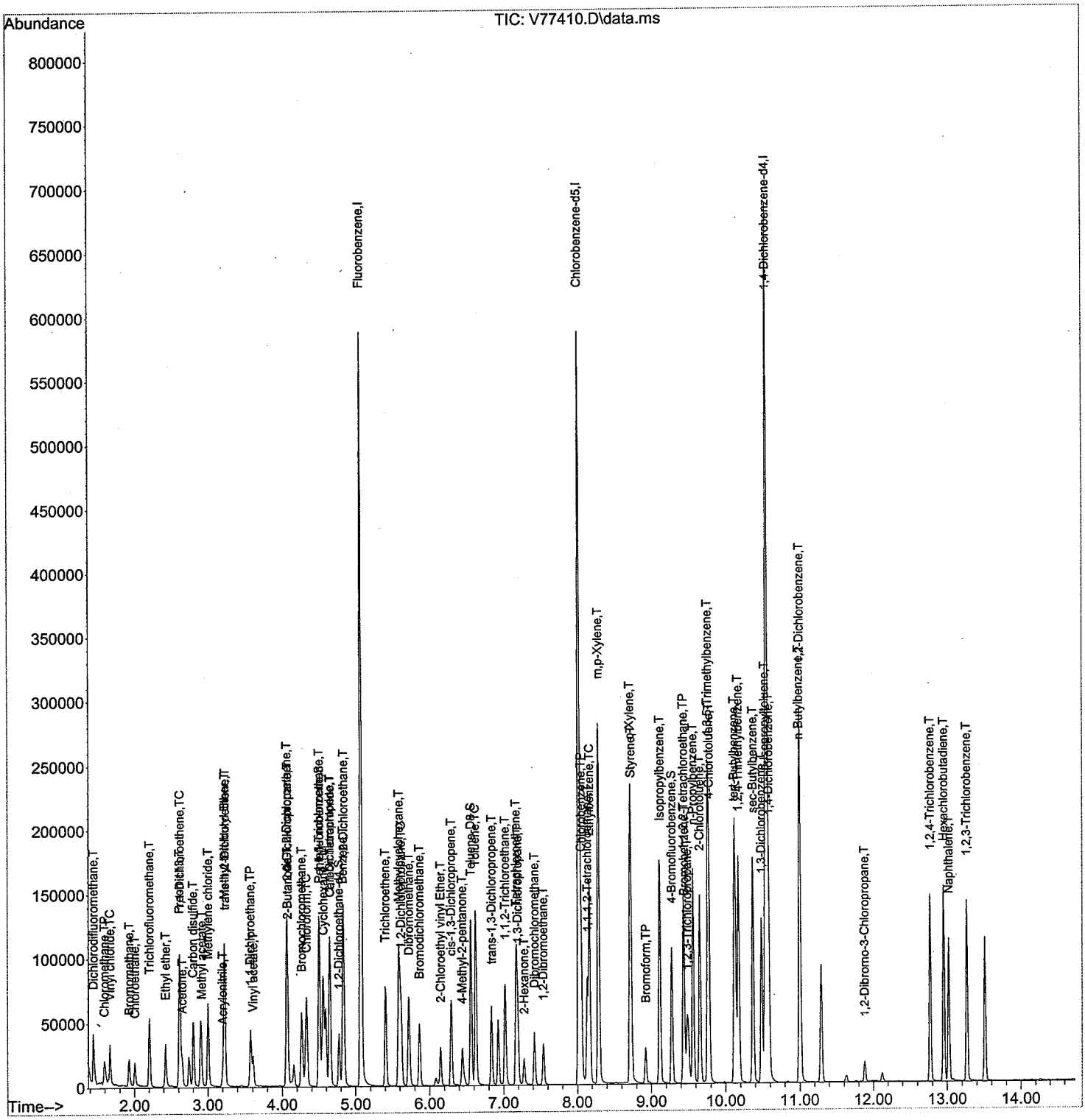
Quant Time: Aug 12 11:52:40 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 4-Methyl-2-pentanone	6.444	43	17831m	8.82	ug/L		
46) Toluene	6.620	91	100613	9.91	ug/L		99
47) trans-1,3-Dichloropropene	6.839	75	34681	9.76	ug/L		97
48) 1,1,2-Trichloroethane	7.020	97	21477	9.86	ug/L		97
49) 1,3-Dichloropropane	7.191	76	36690	9.90	ug/L		95
50) Tetrachloroethene	7.169	166	29931	9.95	ug/L		94
51) 2-Hexanone	7.276	43	12056	8.80	ug/L		98
52) Dibromochloromethane	7.420	129	20170	8.83	ug/L		97
53) 1,2-Dibromoethane	7.538	107	21422	9.67	ug/L		100
55) Chlorobenzene	8.050	112	64902	10.07	ug/L	#	80
56) 1,1,1,2-Tetrachloroethane	8.135	131	21950	9.61	ug/L		98
57) Ethylbenzene	8.167	91	115563	9.93	ug/L		92
58) m,p-Xylene	8.290	106	87320	20.06	ug/L	#	76
59) o-Xylene	8.717	106	44598	9.86	ug/L	#	83
60) Styrene	8.728	104	72002	9.59	ug/L		91
61) Bromoform	8.925	173	14366	8.98	ug/L		95
62) Isopropylbenzene	9.117	105	120634	9.95	ug/L		90
63) 1,2,3-Trichloropropane	9.486	110	8278	9.58	ug/L	#	83
65) Bromobenzene	9.448	156	29734	9.77	ug/L	#	67
66) 1,1,2,2-Tetrachloroethane	9.438	83	26566	9.42	ug/L		96
67) n-Propylbenzene	9.566	91	136009	9.85	ug/L		85
68) 2-Chlorotoluene	9.656	126	26685	9.61	ug/L	#	50
69) 4-Chlorotoluene	9.779	126	27478	9.70	ug/L	#	40
70) 1,3,5-Trimethylbenzene	9.763	105	103361	10.17	ug/L		87
71) tert-Butylbenzene	10.121	134	21585	9.51	ug/L	#	56
72) 1,2,4-Trimethylbenzene	10.174	105	104578	10.18	ug/L		86
73) sec-Butylbenzene	10.371	105	129069	9.78	ug/L		88
74) p-Isopropyltoluene	10.532	119	110042	9.80	ug/L		90
76) 1,3-Dichlorobenzene	10.484	146	56329	8.98	ug/L		94
77) 1,4-Dichlorobenzene	10.585	146	57701	9.18	ug/L		94
78) n-Butylbenzene	10.991	91	106246	9.26	ug/L		93
79) 1,2-Dichlorobenzene	11.001	146	56207	9.30	ug/L		96
81) 1,2-Dibromo-3-Chloropr...	11.882	157	5452	7.72	ug/L	#	82
82) 1,2,4-Trichlorobenzene	12.773	180	46041	9.13	ug/L		98
83) 1,2,3-Trichlorobenzene	13.264	180	43547	9.39	ug/L		94
84) Hexachlorobutadiene	12.955	225	32383	9.28	ug/L		98
85) Naphthalene	13.024	128	82413	9.02	ug/L		99
86) Cyclohexane	4.560	56	32980	8.98	ug/L		92

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

Data File: C:\msdchem\1\DATA\081110\V77410.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 5:56 pm Operator: Bill Brew
Sample : 10ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 12 11:52:40 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE



Data File: C:\msdchem\1\DATA\081110\V77411.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 6:20 pm Operator: Bill Brew
Sample : 50ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 12 11:53:02 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.075	96	437134	50.00	ug/L		0.00
54) Chlorobenzene-d5	8.021	117	341644	50.00	ug/L		0.00
75) 1,4-Dichlorobenzene-d4	10.562	152	183049	50.00	ug/L		0.00
System Monitoring Compounds							
26) Pentafluorobenzene	4.504	168	211206	47.80	ug/L		0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 95.60%				
29) 1,2-Dichloroethane-d4	4.776	65	123079	50.11	ug/L		0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 100.22%				
45) Toluene-D8	6.564	98	382819	48.60	ug/L		0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 97.20%				
64) 4-Bromofluorobenzene	9.275	95	172755	52.70	ug/L		0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 105.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.446	85	127255	47.93	ug/L		97
3) Chloromethane	1.596	50	112476	50.41	ug/L		98
4) Vinyl chloride	1.670	62	110391	50.55	ug/L		99
5) Bromomethane	1.927	94	58367	49.75	ug/L		95
6) Chloroethane	2.001	64	60450	47.04	ug/L		99
7) Trichlorofluoromethane	2.204	101	184917	51.08	ug/L		97
8) Ethyl ether	2.428	59	69823	50.36	ug/L		100
9) Freon 113	2.615	101	97444	52.34	ug/L		97
10) 1,1-Dichloroethene	2.615	61	141537	51.57	ug/L		85
11) Acetone	2.647	43	41615	49.49	ug/L		90
12) Carbon disulfide	2.802	76	313682	51.91	ug/L		99
13) Methyl acetate	2.914	43	51795	49.26	ug/L		95
14) Methylene chloride	2.999	84	106289	53.80	ug/L		97
15) Acrylonitrile	3.197	53	25580	47.37	ug/L		95
17) Methyl tert-butyl Ether	3.229	73	276967	49.42	ug/L		100
18) trans-1,2-Dichloroethene	3.229	61	113142	49.80	ug/L		86
19) 1,1-Dichloroethane	3.576	63	167190	49.53	ug/L		99
20) Vinyl acetate	3.608	43	144937	51.37	ug/L		94
21) 2,2-Dichloropropane	4.067	77	181332	53.55	ug/L		89
22) 2-Butanone	4.072	72	13052	53.26	ug/L	#	87
23) cis-1,2-Dichloroethene	4.061	96	129241	49.71	ug/L	#	84
24) Bromochloromethane	4.269	128	54405	52.00	ug/L	#	79
25) Chloroform	4.333	83	209539	50.86	ug/L		99
28) 1,1,1-Trichloroethane	4.504	97	185895	52.02	ug/L		94
30) Carbon Tetrachloride	4.654	117	151602	53.43	ug/L		99
31) Benzene	4.830	78	453267	50.91	ug/L		98
32) 1,2-Dichloroethane	4.846	62	141368	49.21	ug/L		97
33) Trichloroethene	5.412	130	115189	50.70	ug/L	#	83
34) Methylcyclohexane	5.593	83	198356	50.80	ug/L		90
36) 1,2-Dichloropropane	5.614	63	101370	47.62	ug/L		88
38) Dibromomethane	5.726	93	62197	49.08	ug/L	#	74
39) Bromodichloromethane	5.870	83	156925	51.96	ug/L		98
40) 2-Chloroethyl vinyl Ether	6.148	63	65009	54.85	ug/L		91
42) 1,1-Dichloropropene	4.643	75	154367	49.47	ug/L		92
43) cis-1,3-Dichloropropene	6.292	75	190942	53.33	ug/L		94

8/12 pm

Data File: C:\msdchem\1\DATA\081110\V77411.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 6:20 pm Operator: Bill Brew
Sample : 50ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 7 Sample Multiplier: 1

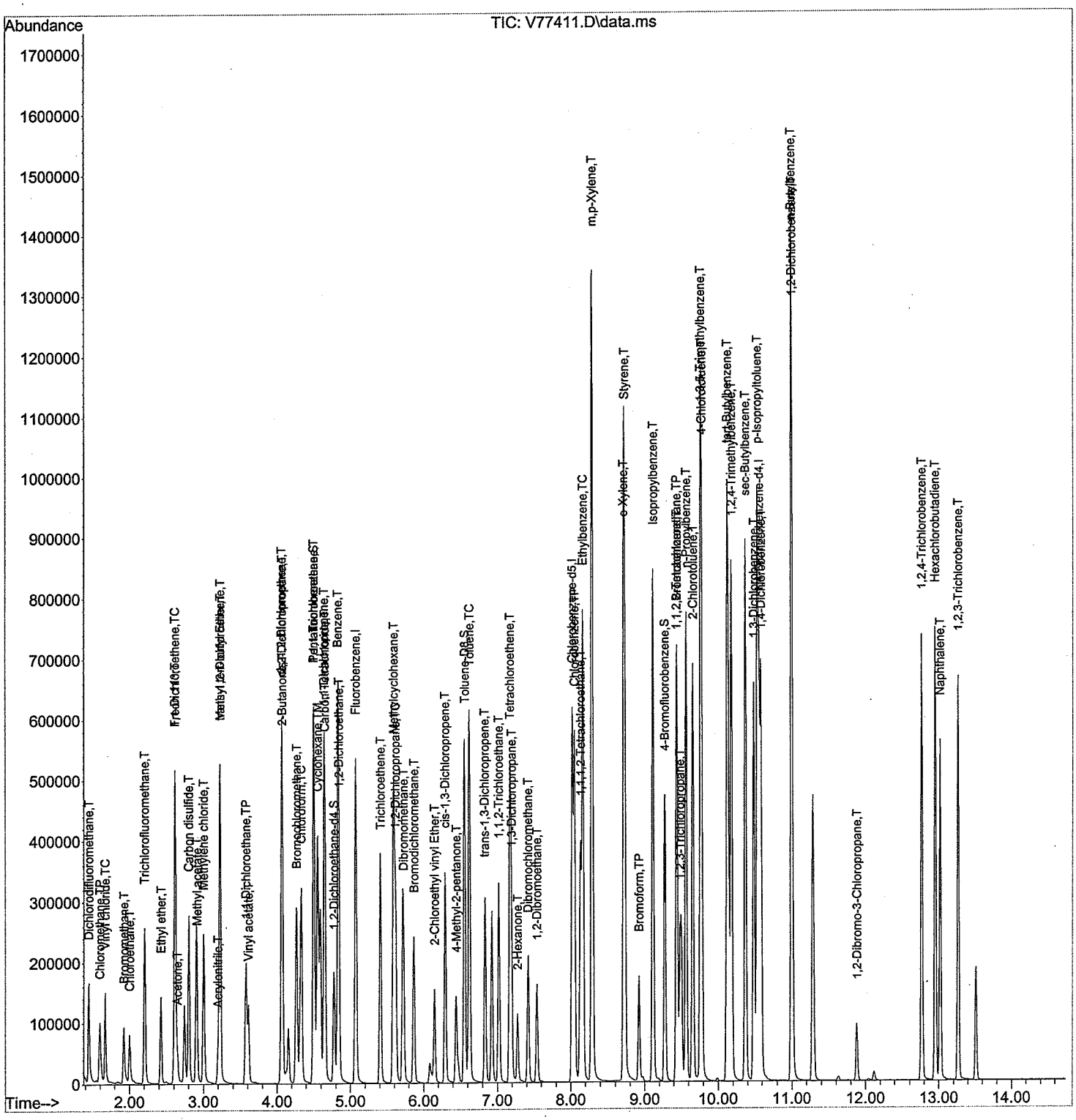
Quant Time: Aug 12 11:53:02 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 4-Methyl-2-pentanone	6.447	43	101912m	54.35	ug/L		
46) Toluene	6.628	91	461760	49.00	ug/L		97
47) trans-1,3-Dichloropropene	6.831	75	180005	54.62	ug/L		96
48) 1,1,2-Trichloroethane	7.018	97	97372	48.19	ug/L		94
49) 1,3-Dichloropropane	7.194	76	172966	50.29	ug/L		99
50) Tetrachloroethene	7.173	166	149688	53.62	ug/L		93
51) 2-Hexanone	7.274	43	65116	51.26	ug/L		96
52) Dibromochloromethane	7.418	129	116269	54.84	ug/L		97
53) 1,2-Dibromoethane	7.541	107	103069	50.16	ug/L		98
55) Chlorobenzene	8.053	112	302074	47.77	ug/L		83
56) 1,1,1,2-Tetrachloroethane	8.139	131	111888	49.89	ug/L		97
57) Ethylbenzene	8.165	91	545894	47.80	ug/L		92
58) m,p-Xylene	8.293	106	399329	93.46	ug/L	#	69
59) o-Xylene	8.710	106	207495	46.74	ug/L	#	72
60) Styrene	8.726	104	345887	46.93	ug/L		92
61) Bromoform	8.923	173	82709	52.70	ug/L		98
62) Isopropylbenzene	9.115	105	584095	49.08	ug/L		91
63) 1,2,3-Trichloropropane	9.483	110	39835	46.97	ug/L	#	67
65) Bromobenzene	9.441	156	145850	48.81	ug/L	#	67
66) 1,1,2,2-Tetrachloroethane	9.435	83	130797	47.23	ug/L		96
67) n-Propylbenzene	9.569	91	645100	47.61	ug/L		90
68) 2-Chlorotoluene	9.660	126	136555	50.09	ug/L	#	59
69) 4-Chlorotoluene	9.777	126	131263	47.23	ug/L	#	44
70) 1,3,5-Trimethylbenzene	9.761	105	497449	49.85	ug/L		89
71) tert-Butylbenzene	10.124	134	109327	49.08	ug/L	#	61
72) 1,2,4-Trimethylbenzene	10.177	105	503956	49.97	ug/L		89
73) sec-Butylbenzene	10.369	105	672990	51.98	ug/L		87
74) p-Isopropyltoluene	10.535	119	556098	50.47	ug/L		91
76) 1,3-Dichlorobenzene	10.487	146	286613	47.96	ug/L		94
77) 1,4-Dichlorobenzene	10.588	146	277359	46.33	ug/L		97
78) n-Butylbenzene	10.994	91	541265	49.55	ug/L		91
79) 1,2-Dichlorobenzene	11.004	146	262465	45.59	ug/L		99
81) 1,2-Dibromo-3-Chloropr...	11.885	157	29360	43.29	ug/L	#	79
82) 1,2,4-Trichlorobenzene	12.771	180	229239	47.71	ug/L		98
83) 1,2,3-Trichlorobenzene	13.267	180	213811	48.38	ug/L		94
84) Hexachlorobutadiene	12.952	225	160106	48.16	ug/L		98
85) Naphthalene	13.022	128	388194	44.61	ug/L		99
86) Cyclohexane	4.558	56	170709	48.82	ug/L		88

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

Data File: C:\msdchem\1\DATA\081110\V77411.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 6:20 pm Operator: Bill Brew
Sample : 50ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 12 11:53:02 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE



Data File: C:\msdchem\1\DATA\081110\V77412.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 6:43 pm
Sample : 100ppb mega Cal
Misc :
ALS Vial : 8 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 12 11:53:25 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.073	96	463975	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.019	117	355368	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.559	152	170476	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.497	168	431551	92.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 184.02%#			
29) 1,2-Dichloroethane-d4	4.774	65	253954	99.94	ug/L	0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 199.88%#			
45) Toluene-D8	6.562	98	805817	101.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 202.64%#			
64) 4-Bromofluorobenzene	9.284	95	338420	97.66	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 195.32%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.444	85	291386	103.39	ug/L	99
3) Chloromethane	1.593	50	248492	104.92	ug/L	99
4) Vinyl chloride	1.668	62	248015	107.00	ug/L	98
5) Bromomethane	1.914	94	136804	109.86	ug/L	98
6) Chloroethane	1.994	64	130718	95.83	ug/L	99
7) Trichlorofluoromethane	2.202	101	394337	102.63	ug/L	99
8) Ethyl ether	2.426	59	157026	106.70	ug/L	100
9) Freon 113	2.607	101	193515	97.92	ug/L	96
10) 1,1-Dichloroethene	2.613	61	284936	97.82	ug/L	89
11) Acetone	2.645	43	72251	100.95	ug/L	97
12) Carbon disulfide	2.800	76	656134	102.30	ug/L	100
13) Methyl acetate	2.912	43	104876	93.98	ug/L	99
14) Methylene chloride	3.002	84	197378	97.39	ug/L	94
15) Acrylonitrile	3.195	53	58474	102.03	ug/L	98
17) Methyl tert-butyl Ether	3.227	73	606598	101.98	ug/L	99
18) trans-1,2-Dichloroethene	3.227	61	234221	97.14	ug/L	88
19) 1,1-Dichloroethane	3.579	63	360886	100.73	ug/L	99
20) Vinyl acetate	3.611	43	313345	104.64	ug/L	95
21) 2,2-Dichloropropane	4.064	77	367182	102.15	ug/L	90
22) 2-Butanone	4.070	72	25049	97.36	ug/L	92
23) cis-1,2-Dichloroethene	4.064	96	254883	92.37	ug/L #	86
24) Bromochloromethane	4.273	128	108055	97.31	ug/L #	75
25) Chloroform	4.331	83	439992	100.62	ug/L	99
28) 1,1,1-Trichloroethane	4.502	97	400523	105.60	ug/L	92
30) Carbon Tetrachloride	4.651	117	332961	110.57	ug/L	100
31) Benzene	4.828	78	933316	98.76	ug/L	96
32) 1,2-Dichloroethane	4.844	62	292167	95.83	ug/L	98
33) Trichloroethene	5.409	130	244557	101.41	ug/L #	83
34) Methylcyclohexane	5.591	83	448451	108.21	ug/L	90
36) 1,2-Dichloropropane	5.617	63	228204	100.99	ug/L	94
38) Dibromomethane	5.724	93	135601	100.81	ug/L #	70
39) Bromodichloromethane	5.868	83	345143	107.68	ug/L	99
40) 2-Chloroethyl vinyl Ether	6.151	63	138439	110.05	ug/L	92
42) 1,1-Dichloropropene	4.646	75	318459	96.16	ug/L	92
43) cis-1,3-Dichloropropene	6.295	75	412134	108.45	ug/L	95

8/12 mm

Data File: C:\msdchem\1\DATA\081110\V77412.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 6:43 pm Operator: Bill Brew
Sample : 100ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 12 11:53:25 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

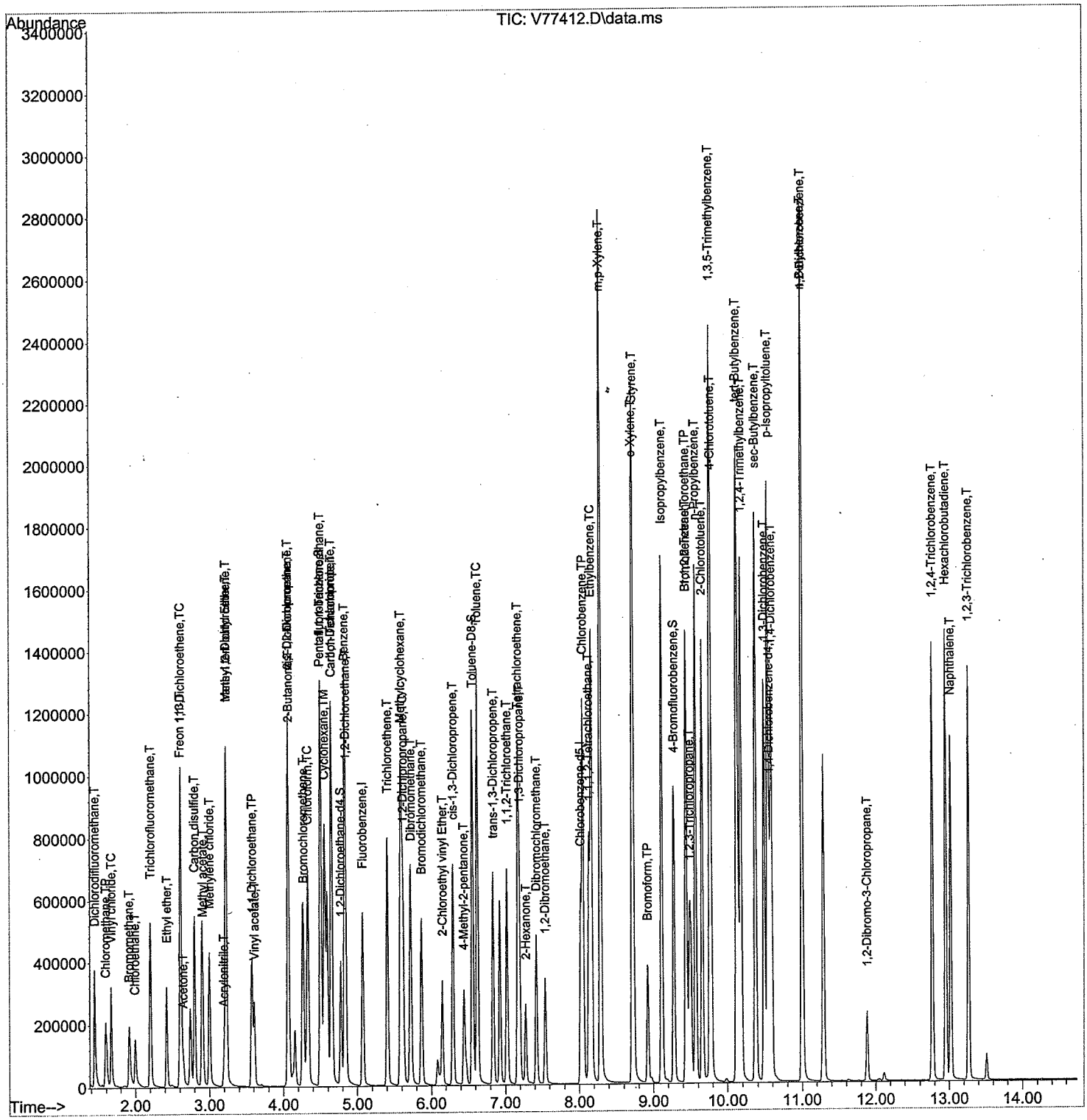
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 4-Methyl-2-pentanone	6.439	43	209128m	105.08	ug/L		
46) Toluene	6.626	91	912724	91.26	ug/L		98
47) trans-1,3-Dichloropropene	6.840	75	386140	110.39	ug/L		96
48) 1,1,2-Trichloroethane	7.021	97	205002	95.58	ug/L		95
49) 1,3-Dichloropropane	7.192	76	347761	95.27	ug/L		99
50) Tetrachloroethene	7.170	166	310231	104.70	ug/L		97
51) 2-Hexanone	7.277	43	149693	111.02	ug/L		96
52) Dibromochloromethane	7.421	129	254779	113.21	ug/L		99
53) 1,2-Dibromoethane	7.539	107	225787	103.52	ug/L		100
55) Chlorobenzene	8.051	112	648908	98.67	ug/L		87
56) 1,1,1,2-Tetrachloroethane	8.131	131	242607	104.00	ug/L		99
57) Ethylbenzene	8.163	91	1102365	92.80	ug/L		91
58) m,p-Xylene	8.291	106	857436	192.92	ug/L	#	78
59) o-Xylene	8.713	106	445306	96.43	ug/L	#	78
60) Styrene	8.729	104	710064	92.62	ug/L		92
61) Bromoform	8.921	173	187312	114.73	ug/L		97
62) Isopropylbenzene	9.118	105	1213464	98.02	ug/L		91
63) 1,2,3-Trichloropropane	9.487	110	89051	100.94	ug/L	#	76
65) Bromobenzene	9.444	156	300261	96.60	ug/L	#	68
66) 1,1,2,2-Tetrachloroethane	9.439	83	278517	96.70	ug/L		97
67) n-Propylbenzene	9.567	91	1370550	97.25	ug/L		87
68) 2-Chlorotoluene	9.657	126	266064	93.83	ug/L	#	53
69) 4-Chlorotoluene	9.780	126	270951	93.73	ug/L	#	48
70) 1,3,5-Trimethylbenzene	9.769	105	985263	94.92	ug/L		90
71) tert-Butylbenzene	10.127	134	224935	97.08	ug/L	#	58
72) 1,2,4-Trimethylbenzene	10.180	105	1013646	96.62	ug/L		87
73) sec-Butylbenzene	10.372	105	1371408	101.83	ug/L		89
74) p-Isopropyltoluene	10.538	119	1134340	98.98	ug/L		91
76) 1,3-Dichlorobenzene	10.490	146	585606	105.22	ug/L		95
77) 1,4-Dichlorobenzene	10.586	146	556896	99.87	ug/L		93
78) n-Butylbenzene	10.997	91	1086825	106.83	ug/L		93
79) 1,2-Dichlorobenzene	11.002	146	514318	95.94	ug/L		98
81) 1,2-Dibromo-3-Chloropr...	11.883	157	67583	105.46	ug/L	#	81
82) 1,2,4-Trichlorobenzene	12.774	180	447474	100.00	ug/L		98
83) 1,2,3-Trichlorobenzene	13.265	180	417808	101.51	ug/L		96
84) Hexachlorobutadiene	12.956	225	314206	101.48	ug/L		97
85) Naphthalene	13.025	128	842203	103.92	ug/L		99
86) Cyclohexane	4.555	56	358097	109.96	ug/L		89

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

Data File: C:\msdchem\1\DATA\081110\V77412.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 6:43 pm
Sample : 100ppb mega Cal
Misc :
ALS Vial : 8 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 12 11:53:25 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE



Data File: C:\msdchem\1\DATA\081110\V77413.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 7:06 pm
Sample : 200ppb mega Cal
Misc :
ALS Vial : 9 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 12 11:53:45 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.076	96	481332	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.017	117	339353	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.563	152	174713	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.505	168	832287	171.05	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery =	342.10%#		
29) 1,2-Dichloroethane-d4	4.772	65	499737	200.01	ug/L	0.00
Spiked Amount 50.000	Range 71 - 106		Recovery =	400.02%#		
45) Toluene-D8	6.560	98	1490080	199.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery =	399.42%#		
64) 4-Bromofluorobenzene	9.282	95	687436	200.39	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery =	400.78%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.442	85	572458	195.80	ug/L	99
3) Chloromethane	1.591	50	464653	189.12	ug/L	99
4) Vinyl chloride	1.666	62	471094	195.91	ug/L	99
5) Bromomethane	1.906	94	226535	175.36	ug/L	97
6) Chloroethane	1.986	64	255535	180.57	ug/L	98
7) Trichlorofluoromethane	2.194	101	768098	192.69	ug/L	99
8) Ethyl ether	2.424	59	303214	198.60	ug/L	100
9) Freon 113	2.605	101	396195	193.25	ug/L	96
10) 1,1-Dichloroethene	2.611	61	544967	180.34	ug/L	84
11) Acetone	2.648	43	133128	199.81	ug/L	93
12) Carbon disulfide	2.797	76	1227814	184.52	ug/L	100
13) Methyl acetate	2.915	43	209971	181.37	ug/L	96
14) Methylene chloride	3.000	84	410026	200.42	ug/L	97
15) Acrylonitrile	3.198	53	115366	194.04	ug/L	99
17) Methyl tert-butyl Ether	3.230	73	1163203	188.50	ug/L	100
18) trans-1,2-Dichloroethene	3.224	61	468395	187.25	ug/L	85
19) 1,1-Dichloroethane	3.571	63	669658	180.17	ug/L	99
20) Vinyl acetate	3.603	43	580056	186.71	ug/L	97
21) 2,2-Dichloropropane	4.062	77	717507	192.42	ug/L	89
22) 2-Butanone	4.073	72	52138	200.47	ug/L #	86
23) cis-1,2-Dichloroethene	4.062	96	542100	189.38	ug/L	90
24) Bromochloromethane	4.270	128	206716	179.45	ug/L #	79
25) Chloroform	4.329	83	804367	177.32	ug/L	98
28) 1,1,1-Trichloroethane	4.500	97	755564	192.03	ug/L	92
30) Carbon Tetrachloride	4.649	117	658705	210.85	ug/L	99
31) Benzene	4.831	78	1770151	180.55	ug/L	97
32) 1,2-Dichloroethane	4.841	62	567974	179.57	ug/L	98
33) Trichloroethene	5.407	130	464040	185.49	ug/L #	83
34) Methylcyclohexane	5.589	83	831386	193.37	ug/L	93
36) 1,2-Dichloropropane	5.621	63	414501	176.83	ug/L	90
38) Dibromomethane	5.722	93	268349	192.31	ug/L #	70
39) Bromodichloromethane	5.866	83	682286	205.18	ug/L	98
40) 2-Chloroethyl vinyl Ether	6.149	63	266966	204.57	ug/L	95
42) 1,1-Dichloropropene	4.649	75	620247	180.52	ug/L	91
43) cis-1,3-Dichloropropene	6.293	75	815162	206.77	ug/L	95

8/12 pm

Data File: C:\msdchem\1\DATA\081110\V77413.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 7:06 pm Operator: Bill Brew
Sample : 200ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 9 Sample Multiplier: 1

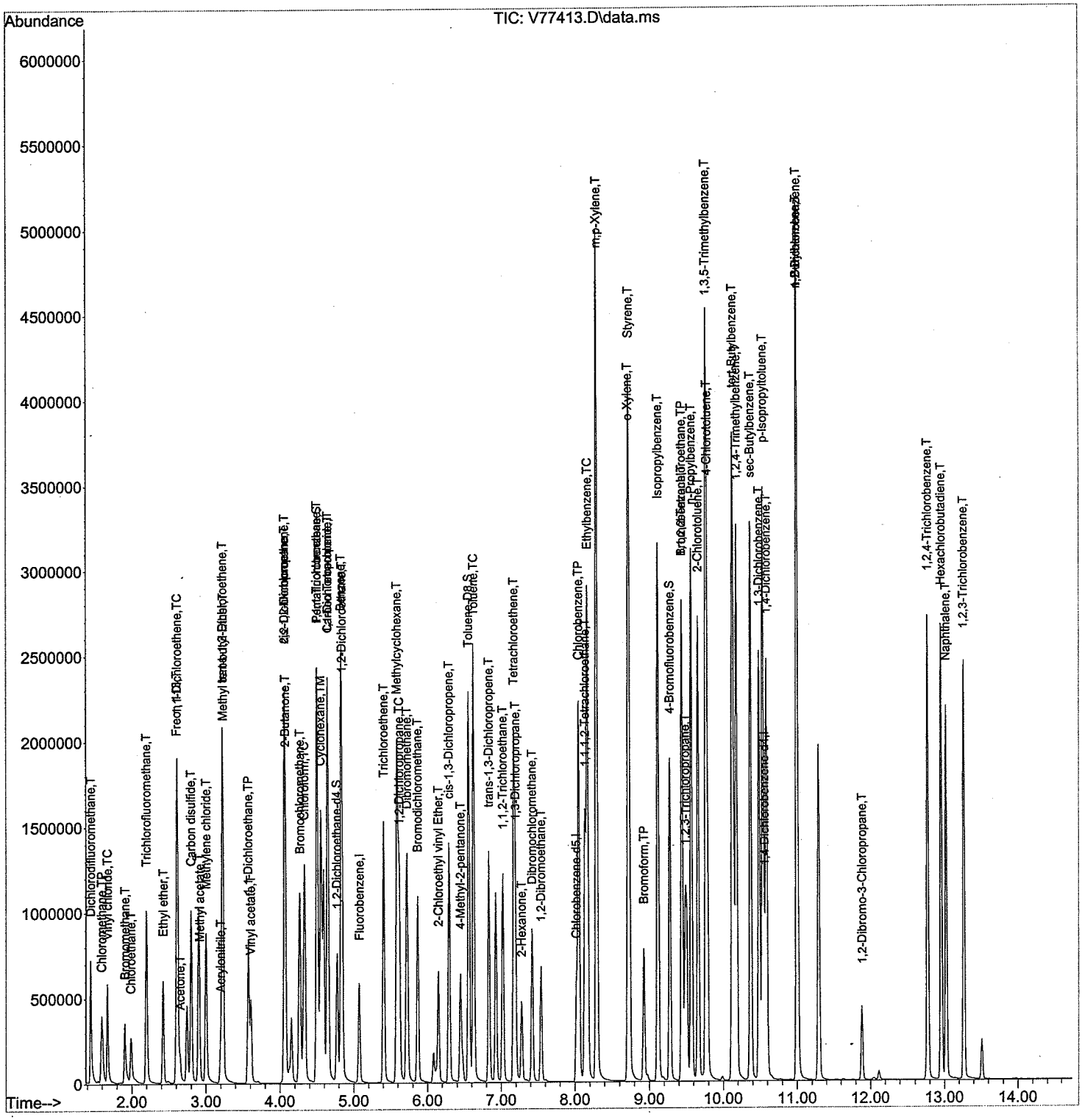
Quant Time: Aug 12 11:53:45 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 4-Methyl-2-pentanone	6.448	43	424312m	205.51	ug/L		
46) Toluene	6.629	91	1752604	168.91	ug/L		95
47) trans-1,3-Dichloropropene	6.837	75	763358	210.35	ug/L		97
48) 1,1,2-Trichloroethane	7.024	97	383310	172.27	ug/L		93
49) 1,3-Dichloropropane	7.195	76	683248	180.43	ug/L		96
50) Tetrachloroethene	7.174	166	573620	186.61	ug/L		94
51) 2-Hexanone	7.275	43	290010	207.33	ug/L		95
52) Dibromochloromethane	7.419	129	500486	214.37	ug/L		98
53) 1,2-Dibromoethane	7.542	107	454230	200.75	ug/L		98
55) Chlorobenzene	8.049	112	1177087	187.42	ug/L		83
56) 1,1,1,2-Tetrachloroethane	8.140	131	483995	217.27	ug/L		100
57) Ethylbenzene	8.172	91	2152208	189.73	ug/L		92
58) m,p-Xylene	8.300	106	1599202	376.80	ug/L	#	82
59) o-Xylene	8.716	106	837482	189.91	ug/L	#	84
60) Styrene	8.727	104	1273637	173.97	ug/L		90
61) Bromoform	8.924	173	378964	243.07	ug/L		97
62) Isopropylbenzene	9.116	105	2304077	194.91	ug/L		93
63) 1,2,3-Trichloropropane	9.490	110	173463	205.90	ug/L	#	68
65) Bromobenzene	9.442	156	573498	193.21	ug/L	#	65
66) 1,1,2,2-Tetrachloroethane	9.442	83	539537	196.16	ug/L		97
67) n-Propylbenzene	9.570	91	2581634	191.83	ug/L		89
68) 2-Chlorotoluene	9.661	126	537120	198.36	ug/L	#	60
69) 4-Chlorotoluene	9.783	126	507631	183.88	ug/L	#	46
70) 1,3,5-Trimethylbenzene	9.767	105	1924669	194.18	ug/L		89
71) tert-Butylbenzene	10.130	134	428189	193.52	ug/L	#	64
72) 1,2,4-Trimethylbenzene	10.184	105	1892095	188.87	ug/L		90
73) sec-Butylbenzene	10.370	105	2470952	192.13	ug/L		90
74) p-Isopropyltoluene	10.541	119	2041200	186.51	ug/L		91
76) 1,3-Dichlorobenzene	10.488	146	1058221	185.53	ug/L		93
77) 1,4-Dichlorobenzene	10.589	146	1010348	176.80	ug/L		96
78) n-Butylbenzene	11.000	91	1974397	189.36	ug/L		93
79) 1,2-Dichlorobenzene	11.005	146	939421	170.98	ug/L		97
81) 1,2-Dibromo-3-Chloropr...	11.886	157	133560	199.09	ug/L	#	81
82) 1,2,4-Trichlorobenzene	12.772	180	863714	188.35	ug/L		100
83) 1,2,3-Trichlorobenzene	13.263	180	775253	183.78	ug/L		96
84) Hexachlorobutadiene	12.959	225	594356	187.30	ug/L		100
85) Naphthalene	13.023	128	1668815	200.93	ug/L		99
86) Cyclohexane	4.553	56	604878	181.23	ug/L		95

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

Data File: C:\msdchem\1\DATA\081110\V77413.D
DataAcq Meth:8260RUN.M
Acq On : 11 Aug 2010 7:06 pm Operator: Bill Brew
Sample : 200ppb mega Cal Inst : Instrument #1
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 12 11:53:45 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 11:46:12 2010
Response via : Initial Calibration
Integrator: RTE



Evaluate Continuing Calibration Report

Data File: C:\msdchem\1\DATA\081910\V77661.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 3:15 pm
Sample : 50ppb mega CC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 19 15:32:43 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	86	0.00
2	T	Dichlorodifluoromethane	0.304	0.328	-7.9	96	0.00
3	TP	Chloromethane	0.255	0.237	7.1	79	0.03
4	TC	Vinyl chloride	0.250	0.251	-0.4	85	0.00
5	T	Bromomethane	0.134	0.173	-29.1#	111	0.02
6	T	Chloroethane	0.147	0.157	-6.8	97	0.02
7	T	Trichlorofluoromethane	0.414	0.483	-16.7	98	0.02
8	T	Ethyl ether	0.159	0.162	-1.9	87	0.01
9	T	Freon 113	0.213	0.237	-11.3	91	0.02
10	TC	1,1-Dichloroethene	0.314	0.332	-5.7	88	0.01
11	T	Acetone	0.585	0.072	87.7#	65	0.00
12	T	Carbon disulfide	0.691	0.702	-1.6	84	0.01
13	T	Methyl acetate	0.120	0.103	14.2	75	0.00
14	T	Methylene chloride	0.428	0.228	46.7#	80	0.01
15	T	Acrylonitrile	0.062	0.055	11.3	81	0.00
16	UN	tert-Butyl Alcohol	0.000	0.010	0.0	0#	0.01
17	T	Methyl tert-butyl Ether	0.641	0.617	3.7	83	0.00
18	T	trans-1,2-Dichloroethene	0.260	0.263	-1.2	87	0.01
19	TP	1,1-Dichloroethane	0.386	0.410	-6.2	92	0.00
20	T	Vinyl acetate	0.323	0.325	-0.6	84	0.01
21	T	2,2-Dichloropropane	0.387	0.459	-18.6	95	0.00
22	T	2-Butanone	0.035	0.029	17.1	83	0.00
23	T	cis-1,2-Dichloroethene	0.297	0.324	-9.1	94	0.00
24	T	Bromochloromethane	0.120	0.132	-10.0	91	0.00
25	TC	Chloroform	0.471	0.533	-13.2	95	0.00
26	S	Pentafluorobenzene	0.505	0.524	-3.8	93	0.00
27	UN	Tetrahydrofuran	0.000	0.000	0.0	0#	-5.07#
28	T	1,1,1-Trichloroethane	0.409	0.500	-22.2#	101	0.00
29	S	1,2-Dichloroethane-d4	0.319	0.285	10.7	87	0.00
30	T	Carbon Tetrachloride	0.325	0.425	-30.8#	105	0.00
31	T	Benzene	1.018	1.069	-5.0	88	0.00
32	T	1,2-Dichloroethane	0.329	0.360	-9.4	95	0.00
33	T	Trichloroethene	0.260	0.287	-10.4	93	0.00
34	T	Methylcyclohexane	0.447	0.489	-9.4	92	0.00
35	UN	Ethyl acetate	0.000	1.327	0.0	0#	0.00
36	TC	1,2-Dichloropropane	0.244	0.247	-1.2	91	0.00
37	UN	Isobutyl alcohol	0.000	0.253	0.0	0#	0.00
38	T	Dibromomethane	0.145	0.158	-9.0	95	0.00
39	T	Bromodichloromethane	0.345	0.398	-15.4	95	0.00
40	T	2-Chloroethyl vinyl Ether	0.136	0.140	-2.9	81	0.00
41	UN	Isopropyl acetate	0.000	2.677	0.0	0#	0.00
42	T	1,1-Dichloropropene	0.357	0.397	-11.2	96	0.00
43	T	cis-1,3-Dichloropropene	0.410	0.475	-15.9	93	0.00
44	T	4-Methyl-2-pentanone	0.214	0.206	3.7	80	0.00
45	S	Toluene-D8	0.918	0.868	5.4	85	0.00
46	TC	Toluene	1.078	1.167	-8.3	95	0.00
47	T	trans-1,3-Dichloropropene	0.377	0.417	-10.6	87	0.00

8/19 BB

Evaluate Continuing Calibration Report

Data File: C:\msdchem\1\DATA\081910\V77661.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 3:15 pm Operator: Bill Brew
Sample : 50ppb mega CC Inst : Instrument #1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 19 15:32:43 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	T	1,1,2-Trichloroethane	0.231	0.227	1.7	87	0.00
49	T	1,3-Dichloropropane	0.393	0.392	0.3	85	0.00
50	T	Tetrachloroethene	0.319	0.358	-12.2	89	0.00
51	T	2-Hexanone	0.145	0.141	2.8	81	0.00
52	T	Dibromochloromethane	0.243	0.286	-17.7	92	0.00
53	T	1,2-Dibromoethane	0.235	0.256	-8.9	93	0.00
54	I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
55	TP	Chlorobenzene	0.925	0.942	-1.8	92	0.00
56	T	1,1,1,2-Tetrachloroethane	0.328	0.364	-11.0	96	0.00
57	TC	Ethylbenzene	1.671	1.704	-2.0#	92	0.00
58	T	m,p-Xylene	0.625	0.637	-1.9	95	0.00
59	T	o-Xylene	0.650	0.656	-0.9	94	0.00
60	T	Styrene	1.079	1.066	1.2	91	0.00
61	TP	Bromoform	0.230	0.256	-11.3	92	0.00
62	T	Isopropylbenzene	1.742	1.853	-6.4	94	0.00
63	T	1,2,3-Trichloropropane	0.124	0.116	6.5	86	0.00
64	S	4-Bromofluorobenzene	0.643	0.514	20.1#	88	0.00
65	T	Bromobenzene	0.437	0.438	-0.2	89	0.00
66	TP	1,1,2,2-Tetrachloroethane	0.405	0.375	7.4	85	0.00
67	T	n-Propylbenzene	1.983	2.037	-2.7	94	0.00
68	T	2-Chlorotoluene	0.399	0.404	-1.3	88	0.00
69	T	4-Chlorotoluene	0.407	0.394	3.2	89	0.00
70	T	1,3,5-Trimethylbenzene	1.460	1.557	-6.6	93	0.00
71	T	tert-Butylbenzene	0.326	0.348	-6.7	94	0.00
72	T	1,2,4-Trimethylbenzene	1.476	1.575	-6.7	93	0.00
73	T	sec-Butylbenzene	1.895	2.026	-6.9	89	0.00
74	T	p-Isopropyltoluene	1.613	1.704	-5.6	91	0.00
75	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
76	T	1,3-Dichlorobenzene	1.632	1.535	5.9	86	0.00
77	T	1,4-Dichlorobenzene	1.635	1.572	3.9	91	0.00
78	T	n-Butylbenzene	2.984	3.046	-2.1	90	0.00
79	T	1,2-Dichlorobenzene	1.572	1.499	4.6	92	0.00
80	UN	Tetraethyllead	0.000	0.000	0.0	0#	-12.52#
81	T	1,2-Dibromo-3-Chloropropane	0.160	0.160	0.0	87	0.00
82	T	1,2,4-Trichlorobenzene	1.312	1.258	4.1	88	0.00
83	T	1,2,3-Trichlorobenzene	1.207	1.077	10.8	81	0.00
84	T	Hexachlorobutadiene	0.908	0.862	5.1	86	0.00
85	T	Naphthalene	2.377	2.091	12.0	86	0.00
86	TM	Cyclohexane	0.955	0.909	4.8	85	0.00

8/19 BB

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Quantitation Report (QT Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77661.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 3:15 pm Operator: Bill Brew
Sample : 50ppb mega CC Inst : Instrument #1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 19 15:32:43 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.078	96	374492	50.00	ug/L		0.00
54) Chlorobenzene-d5	8.018	117	296318	50.00	ug/L		0.00
75) 1,4-Dichlorobenzene-d4	10.559	152	160220	50.00	ug/L		0.00
System Monitoring Compounds							
26) Pentafluorobenzene	4.496	168	196298	51.85	ug/L		0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 103.70%				
29) 1,2-Dichloroethane-d4	4.773	65	106606	50.67	ug/L		0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 101.34%				
45) Toluene-D8	6.561	98	325062	48.15	ug/L		0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 96.30%				
64) 4-Bromofluorobenzene	9.278	95	152273	39.97	ug/L		0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 79.94%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.438	85	122784	53.98	ug/L		99
3) Chloromethane	1.598	50	88868	46.49	ug/L		97
4) Vinyl chloride	1.662	62	93849	50.16	ug/L		98
5) Bromomethane	1.918	94	64919	64.59	ug/L		96
6) Chloroethane	1.993	64	58890	53.49	ug/L		97
7) Trichlorofluoromethane	2.201	101	180729	58.27	ug/L		98
8) Ethyl ether	2.425	59	60671	51.08	ug/L		100
9) Freon 113	2.612	101	88846	55.70	ug/L		94
10) 1,1-Dichloroethene	2.612	61	124264	52.85	ug/L		86
11) Acetone	2.644	43	27132	29.78	ug/L		91
12) Carbon disulfide	2.799	76	262988	50.80	ug/L		100
13) Methyl acetate	2.906	43	38736	43.01	ug/L		99
14) Methylene chloride	3.002	84	85415	50.21	ug/L		98
15) Acrylonitrile	3.194	53	20728	44.81	ug/L		95
17) Methyl tert-butyl Ether	3.220	73	231064	48.13	ug/L		100
18) trans-1,2-Dichloroethene	3.226	61	98450	50.59	ug/L		87
19) 1,1-Dichloroethane	3.573	63	153481	53.07	ug/L		98
20) Vinyl acetate	3.610	43	121686	50.34	ug/L		96
21) 2,2-Dichloropropane	4.064	77	172000	59.29	ug/L		90
22) 2-Butanone	4.064	72	10864	51.73	ug/L	#	82
23) cis-1,2-Dichloroethene	4.058	96	121177	54.41	ug/L	#	85
24) Bromochloromethane	4.272	128	49249	54.95	ug/L	#	78
25) Chloroform	4.330	83	199713	56.59	ug/L		100
28) 1,1,1-Trichloroethane	4.501	97	187279	61.18	ug/L		93
30) Carbon Tetrachloride	4.645	117	159036	65.43	ug/L		99
31) Benzene	4.827	78	400238	52.47	ug/L		97
32) 1,2-Dichloroethane	4.843	62	134667	54.72	ug/L		97
33) Trichloroethene	5.403	130	107653	55.31	ug/L	#	79
34) Methylcyclohexane	5.590	83	183229	54.77	ug/L		91
36) 1,2-Dichloropropane	5.617	63	92483	50.71	ug/L		93
38) Dibromomethane	5.718	93	59132	54.46	ug/L	#	72
39) Bromodichloromethane	5.862	83	149205	57.67	ug/L		99
40) 2-Chloroethyl vinyl Ether	6.145	63	52561	51.77	ug/L		95
42) 1,1-Dichloropropene	4.645	75	148603	55.59	ug/L		89
43) cis-1,3-Dichloropropene	6.289	75	177726	57.94	ug/L		96

8/19 BB

Quantitation Report (QT Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77661.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 3:15 pm
Sample : 50ppb mega CC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 19 15:32:43 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

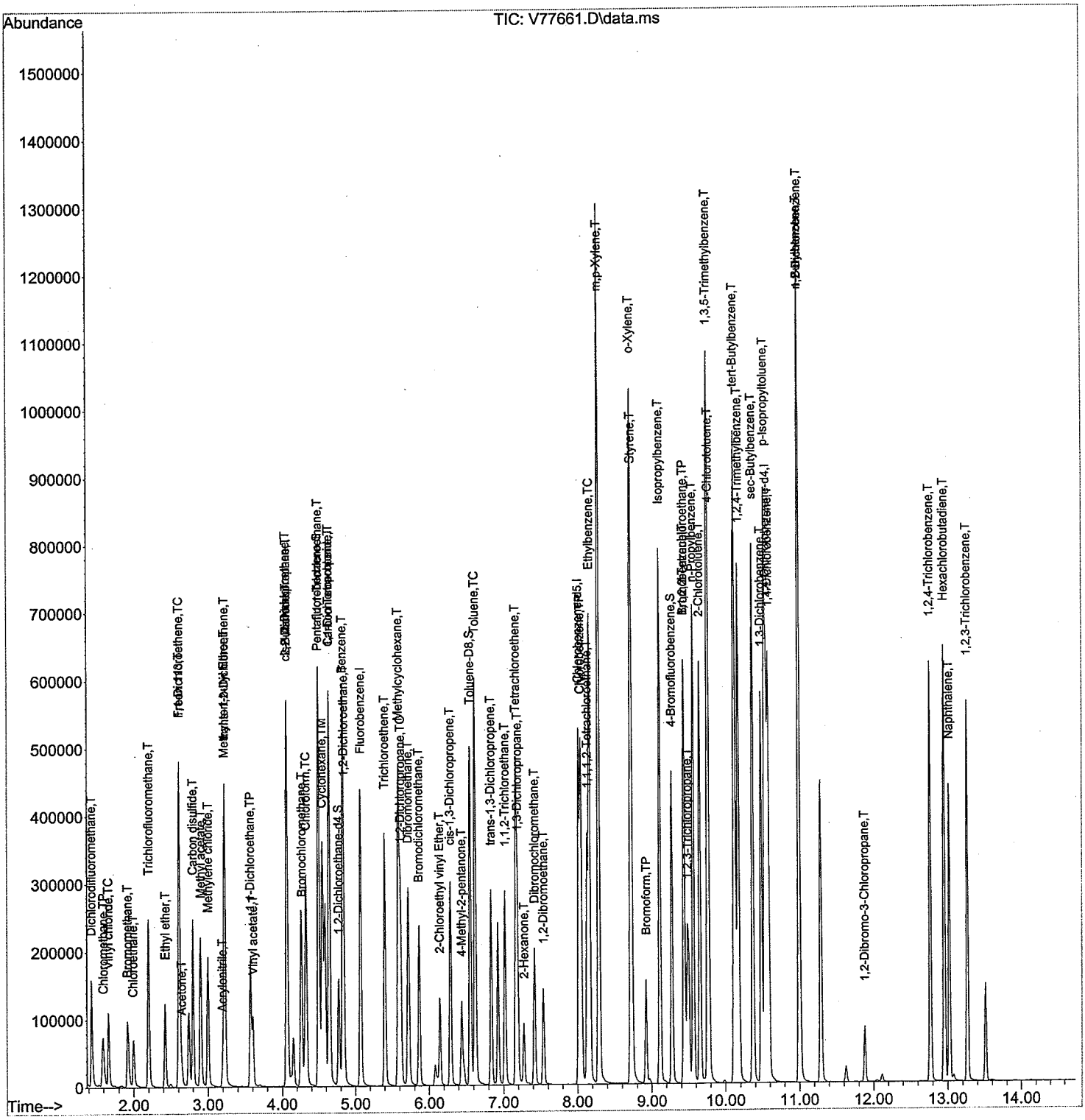
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 4-Methyl-2-pentanone	6.444	43	77218m	48.07	ug/L		
46) Toluene	6.625	91	436999	54.13	ug/L		94
47) trans-1,3-Dichloropropene	6.833	75	156190	55.32	ug/L		96
48) 1,1,2-Trichloroethane	7.020	97	85006	49.10	ug/L		97
49) 1,3-Dichloropropane	7.191	76	146933	49.87	ug/L		100
50) Tetrachloroethene	7.170	166	133967	56.01	ug/L		94
51) 2-Hexanone	7.276	43	52824	48.54	ug/L		96
52) Dibromochloromethane	7.420	129	107132	58.98	ug/L		97
53) 1,2-Dibromoethane	7.538	107	95845	54.44	ug/L		99
55) Chlorobenzene	8.045	112	279228	50.92	ug/L		84
56) 1,1,1,2-Tetrachloroethane	8.136	131	107836	55.44	ug/L		96
57) Ethylbenzene	8.168	91	504788	50.96	ug/L		92
58) m,p-Xylene	8.290	106	377654	101.90	ug/L	#	70
59) o-Xylene	8.717	106	194471	50.50	ug/L	#	75
60) Styrene	8.728	104	315885	49.41	ug/L		91
61) Bromoform	8.925	173	75943	55.79	ug/L		96
62) Isopropylbenzene	9.112	105	549116	53.20	ug/L		90
63) 1,2,3-Trichloropropane	9.486	110	34283	46.60	ug/L	#	73
65) Bromobenzene	9.438	156	129691	50.04	ug/L	#	67
66) 1,1,2,2-Tetrachloroethane	9.438	83	111020	46.22	ug/L		95
67) n-Propylbenzene	9.561	91	603502	51.36	ug/L		87
68) 2-Chlorotoluene	9.657	126	119649	50.60	ug/L	#	52
69) 4-Chlorotoluene	9.779	126	116617	48.38	ug/L	#	41
70) 1,3,5-Trimethylbenzene	9.763	105	461418	53.31	ug/L		86
71) tert-Butylbenzene	10.126	134	103100	53.36	ug/L	#	64
72) 1,2,4-Trimethylbenzene	10.180	105	466801	53.36	ug/L		86
73) sec-Butylbenzene	10.366	105	600463	53.47	ug/L		88
74) p-Isopropyltoluene	10.532	119	504826	52.83	ug/L		89
76) 1,3-Dichlorobenzene	10.484	146	245894	47.01	ug/L		91
77) 1,4-Dichlorobenzene	10.585	146	251815	48.05	ug/L		97
78) n-Butylbenzene	10.996	91	488034	51.04	ug/L		91
79) 1,2-Dichlorobenzene	11.001	146	240179	47.67	ug/L		98
81) 1,2-Dibromo-3-Chloropr...	11.882	157	25574	43.08	ug/L	#	80
82) 1,2,4-Trichlorobenzene	12.768	180	201610	47.94	ug/L		96
83) 1,2,3-Trichlorobenzene	13.264	180	172480	44.59	ug/L		97
84) Hexachlorobutadiene	12.955	225	138147	47.47	ug/L		98
85) Naphthalene	13.019	128	334964	43.98	ug/L		99
86) Cyclohexane	4.549	56	145585	47.56	ug/L		93

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

Data File: C:\msdchem\1\DATA\081910\V77661.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 3:15 pm
Sample : 50ppb mega CC
Misc :
ALS Vial : 3 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 19 15:32:43 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



Evaluate Continuing Calibration Report

Data File: C:\msdchem\1\DATA\082010\V77686.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 11:58 am
Sample : 50ppb mega CC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 12:37:33 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	78	0.00
2	T	Dichlorodifluoromethane	0.304	0.317	-4.3	85	0.00
3	TP	Chloromethane	0.255	0.225	11.8	68	0.02
4	TC	Vinyl chloride	0.250	0.221	11.6	68	0.00
5	T	Bromomethane	0.134	0.167	-24.6#	97	0.03
6	T	Chloroethane	0.147	0.139	5.4	78	0.02
7	T	Trichlorofluoromethane	0.414	0.502	-21.3#	92	0.01
8	T	Ethyl ether	0.159	0.135	15.1	65	0.00
9	T	Freon 113	0.213	0.231	-8.5	80	0.01
10	TC	1,1-Dichloroethene	0.314	0.336	-7.0	81	0.00
11	T	Acetone	0.585	0.074	87.4#	60	0.00
12	T	Carbon disulfide	0.691	0.695	-0.6	75	0.00
13	T	Methyl acetate	0.120	0.106	11.7	69	0.00
14	T	Methylene chloride	0.428	0.223	47.9#	71	0.01
15	T	Acrylonitrile	0.062	0.054	12.9	71	0.00
16	UN	tert-Butyl Alcohol	0.000	0.012	0.0	0#	0.00
17	T	Methyl tert-butyl Ether	0.641	0.651	-1.6	80	0.00
18	T	trans-1,2-Dichloroethene	0.260	0.273	-5.0	82	0.00
19	TP	1,1-Dichloroethane	0.386	0.403	-4.4	82	0.00
20	T	Vinyl acetate	0.323	0.297	8.0	69	0.00
21	T	2,2-Dichloropropane	0.387	0.487	-25.8#	91	0.00
22	T	2-Butanone	0.035	0.026	25.7#	68	0.00
23	T	cis-1,2-Dichloroethene	0.297	0.291	2.0	76	0.00
24	T	Bromochloromethane	0.120	0.116	3.3	72	0.00
25	TC	Chloroform	0.471	0.524	-11.3	85	0.00
26	S	Pentafluorobenzene	0.505	0.524	-3.8	84	0.00
27	UN	Tetrahydrofuran	0.000	0.000	0.0	0#	-5.07#
28	T	1,1,1-Trichloroethane	0.409	0.515	-25.9#	94	0.00
29	S	1,2-Dichloroethane-d4	0.319	0.307	3.8	85	0.00
30	T	Carbon Tetrachloride	0.325	0.445	-36.9#	100	0.00
31	T	Benzene	1.018	0.917	9.9	69	0.00
32	T	1,2-Dichloroethane	0.329	0.362	-10.0	87	0.00
33	T	Trichloroethene	0.260	0.253	2.7	75	0.00
34	T	Methylcyclohexane	0.447	0.450	-0.7	77	0.00
35	UN	Ethyl acetate	0.000	1.128	0.0	0#	0.00
36	TC	1,2-Dichloropropane	0.244	0.222	9.0	74	0.00
37	UN	Isobutyl alcohol	0.000	0.216	0.0	0#	0.00
38	T	Dibromomethane	0.145	0.143	1.4	78	0.00
39	T	Bromodichloromethane	0.345	0.401	-16.2	87	0.00
40	T	2-Chloroethyl vinyl Ether	0.136	0.117	14.0	61	0.00
41	UN	Isopropyl acetate	0.000	2.434	0.0	0#	0.00
42	T	1,1-Dichloropropene	0.357	0.396	-10.9	87	0.00
43	T	cis-1,3-Dichloropropene	0.410	0.370	9.8	66	0.00
44	T	4-Methyl-2-pentanone	0.214	0.216	-0.9	76	0.00
45	S	Toluene-D8	0.918	0.777	15.4	69	0.00
46	TC	Toluene	1.078	1.007	6.6	74	0.00
47	T	trans-1,3-Dichloropropene	0.377	0.380	-0.8	72	0.00

8/20 pm

Evaluate Continuing Calibration Report

Data File: C:\msdchem\1\DATA\082010\V77686.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 11:58 am
Sample : 50ppb mega CC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 12:37:33 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48	T	1,1,2-Trichloroethane	0.231	0.200	13.4	70	0.00
49	T	1,3-Dichloropropane	0.393	0.351	10.7	69	0.00
50	T	Tetrachloroethene	0.319	0.314	1.6	71	0.00
51	T	2-Hexanone	0.145	0.132	9.0	69	0.00
52	T	Dibromochloromethane	0.243	0.265	-9.1	77	0.00
53	T	1,2-Dibromoethane	0.235	0.229	2.6	75	0.00
54	I	Chlorobenzene-d5	1.000	1.000	0.0	72	0.00
55	TP	Chlorobenzene	0.925	0.968	-4.6	79	0.00
56	T	1,1,1,2-Tetrachloroethane	0.328	0.401	-22.3#	88	0.00
57	TC	Ethylbenzene	1.671	1.765	-5.6#	79	0.00
58	T	m,p-Xylene	0.625	0.654	-4.6	80	0.00
59	T	o-Xylene	0.650	0.649	0.2	77	0.00
60	T	Styrene	1.079	1.057	2.0	75	0.00
61	TP	Bromoform	0.230	0.270	-17.4	80	0.00
62	T	Isopropylbenzene	1.742	1.983	-13.8	83	0.00
63	T	1,2,3-Trichloropropane	0.124	0.131	-5.6	80	0.00
64	S	4-Bromofluorobenzene	0.643	0.534	17.0	76	0.00
65	T	Bromobenzene	0.437	0.478	-9.4	80	0.00
66	TP	1,1,2,2-Tetrachloroethane	0.405	0.364	10.1	68	0.00
67	T	n-Propylbenzene	1.983	2.028	-2.3	77	0.00
68	T	2-Chlorotoluene	0.399	0.391	2.0	70	0.00
69	T	4-Chlorotoluene	0.407	0.402	1.2	75	0.00
70	T	1,3,5-Trimethylbenzene	1.460	1.685	-15.4	83	0.00
71	T	tert-Butylbenzene	0.326	0.358	-9.8	80	0.00
72	T	1,2,4-Trimethylbenzene	1.476	1.671	-13.2	81	0.00
73	T	sec-Butylbenzene	1.895	2.224	-17.4	81	0.00
74	T	p-Isopropyltoluene	1.613	1.895	-17.5	84	0.00
75	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
76	T	1,3-Dichlorobenzene	1.632	1.573	3.6	76	0.00
77	T	1,4-Dichlorobenzene	1.635	1.512	7.5	75	0.00
78	T	n-Butylbenzene	2.984	3.310	-10.9	85	0.00
79	T	1,2-Dichlorobenzene	1.572	1.524	3.1	80	0.00
80	UN	Tetraethyllead	0.000	0.000	0.0	0#	-12.52#
81	T	1,2-Dibromo-3-Chloropropane	0.160	0.160	0.0	75	0.00
82	T	1,2,4-Trichlorobenzene	1.312	1.266	3.5	76	0.00
83	T	1,2,3-Trichlorobenzene	1.207	1.141	5.5	74	0.00
84	T	Hexachlorobutadiene	0.908	0.938	-3.3	81	0.00
85	T	Naphthalene	2.377	2.087	12.2	74	0.00
86	TM	Cyclohexane	0.955	0.887	7.1	72	0.00

8/20 m

(#) = Out of Range SPCC's out = 0 CCC's out = 1

Data File: C:\msdchem\1\DATA\082010\V77686.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 11:58 am Operator: Bill Brew
Sample : 50ppb mega CC Inst : Instrument #1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 12:37:33 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.069	96	339542	50.00	ug/L		0.00
54) Chlorobenzene-d5	8.015	117	245243	50.00	ug/L		0.00
75) 1,4-Dichlorobenzene-d4	10.560	152	138321	50.00	ug/L		0.00
System Monitoring Compounds							
26) Pentafluorobenzene	4.498	168	178029	51.87	ug/L		0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 103.74%				
29) 1,2-Dichloroethane-d4	4.770	65	104176	54.73	ug/L		0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 109.46%#				
45) Toluene-D8	6.552	98	263991	42.92	ug/L		0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 85.84%				
64) 4-Bromofluorobenzene	9.274	95	130883	41.51	ug/L		0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 83.02%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.440	85	107626	52.18	ug/L		99
3) Chloromethane	1.589	50	76446	44.11	ug/L		98
4) Vinyl chloride	1.664	62	75172	44.32	ug/L		98
5) Bromomethane	1.920	94	56566	62.07	ug/L		94
6) Chloroethane	1.995	64	47030	47.11	ug/L		97
7) Trichlorofluoromethane	2.198	101	170316	60.57	ug/L		98
8) Ethyl ether	2.416	59	45687	42.42	ug/L		100
9) Freon 113	2.609	101	78290	54.13	ug/L		95
10) 1,1-Dichloroethene	2.609	61	113996	53.48	ug/L		82
11) Acetone	2.641	43	25121	31.11	ug/L		88
12) Carbon disulfide	2.795	76	236126	50.31	ug/L		100
13) Methyl acetate	2.907	43	35951	44.02	ug/L		97
14) Methylene chloride	2.998	84	75830	49.08	ug/L		95
15) Acrylonitrile	3.190	53	18177	43.34	ug/L		91
17) Methyl tert-butyl Ether	3.217	73	221072	50.79	ug/L		99
18) trans-1,2-Dichloroethene	3.217	61	92629	52.49	ug/L		86
19) 1,1-Dichloroethane	3.575	63	136856	52.20	ug/L		99
20) Vinyl acetate	3.607	43	100711	45.95	ug/L		98
21) 2,2-Dichloropropane	4.060	77	165384	62.87	ug/L		88
22) 2-Butanone	4.065	72	8882	46.59	ug/L	#	67
23) cis-1,2-Dichloroethene	4.055	96	98785	48.92	ug/L	#	81
24) Bromochloromethane	4.263	128	39374	48.45	ug/L	#	78
25) Chloroform	4.327	83	177922	55.60	ug/L		99
28) 1,1,1-Trichloroethane	4.498	97	174930	63.02	ug/L		90
30) Carbon Tetrachloride	4.647	117	151141	68.58	ug/L		99
31) Benzene	4.829	78	311202	45.00	ug/L		95
32) 1,2-Dichloroethane	4.839	62	122855	55.06	ug/L		97
33) Trichloroethene	5.400	130	85927	48.69	ug/L	#	76
34) Methylcyclohexane	5.586	83	152781	50.37	ug/L		93
36) 1,2-Dichloropropane	5.608	63	75335	45.56	ug/L	#	83
38) Dibromomethane	5.720	93	48633	49.41	ug/L	#	71
39) Bromodichloromethane	5.864	83	136285	58.10	ug/L		98
40) 2-Chloroethyl vinyl Ether	6.147	63	39871	43.31	ug/L		93
42) 1,1-Dichloropropene	4.642	75	134367	55.44	ug/L		89
43) cis-1,3-Dichloropropene	6.296	75	125791	45.23	ug/L		86

8/20 mb

Data File: C:\msdchem\1\DATA\082010\V77686.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 11:58 am Operator: Bill Brew
Sample : 50ppb mega CC Inst : Instrument #1
Misc :
ALS Vial : 2 Sample Multiplier: 1

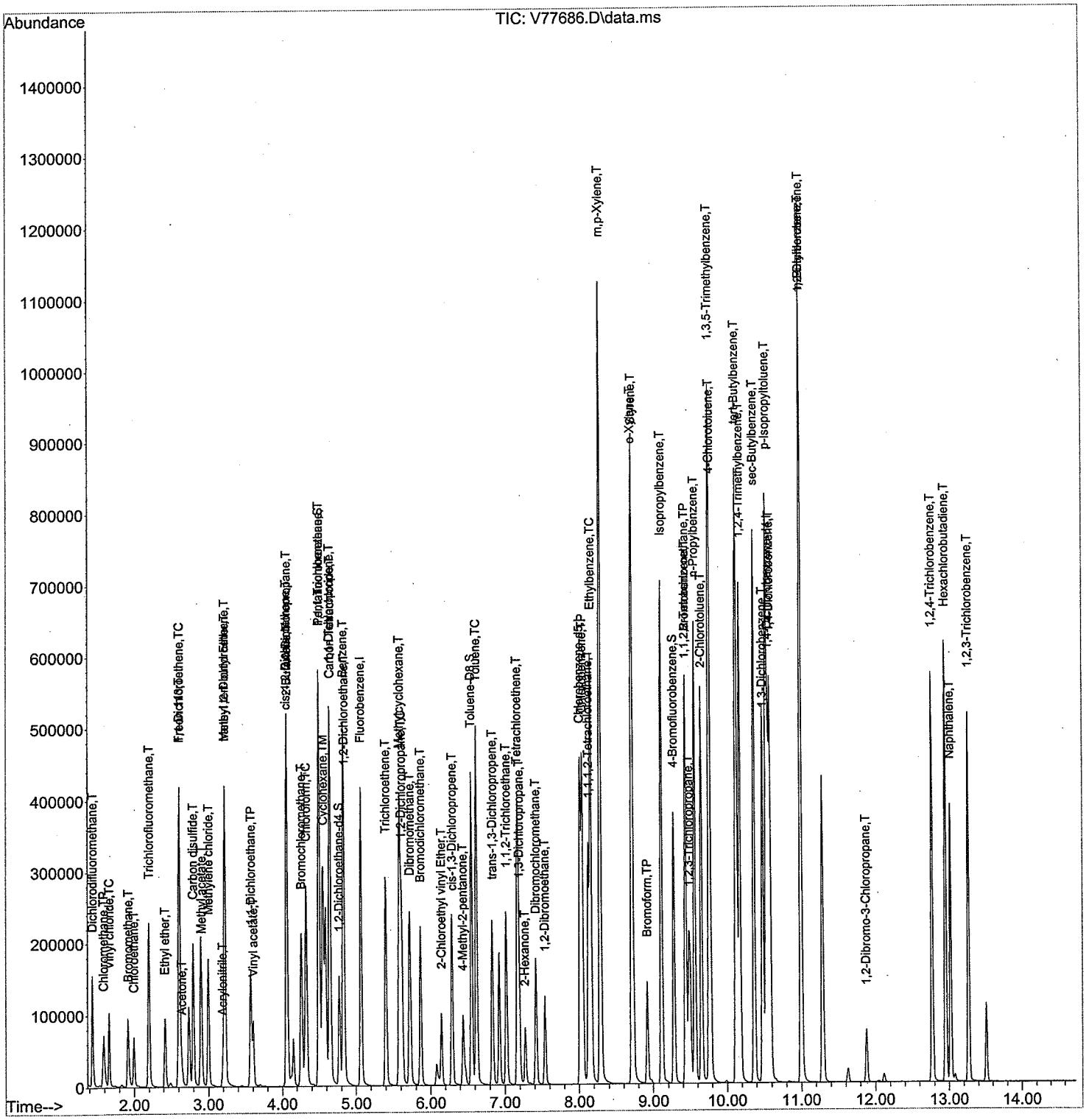
Quant Time: Aug 20 12:37:33 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 4-Methyl-2-pentanone	6.440	43	73292	50.32	ug/L		94
46) Toluene	6.622	91	341820	46.70	ug/L		96
47) trans-1,3-Dichloropropene	6.835	75	128865	50.34	ug/L		93
48) 1,1,2-Trichloroethane	7.017	97	67800	43.20	ug/L		92
49) 1,3-Dichloropropane	7.193	76	119184	44.62	ug/L		99
50) Tetrachloroethene	7.166	166	106718	49.21	ug/L		92
51) 2-Hexanone	7.268	43	44908	45.51	ug/L		97
52) Dibromochloromethane	7.417	129	89891	54.58	ug/L		95
53) 1,2-Dibromoethane	7.540	107	77677	48.67	ug/L		98
55) Chlorobenzene	8.052	112	237445	52.31	ug/L		83
56) 1,1,1,2-Tetrachloroethane	8.132	131	98385	61.11	ug/L		95
57) Ethylbenzene	8.164	91	432808	52.80	ug/L		90
58) m,p-Xylene	8.292	106	320868	104.61	ug/L	#	62
59) o-Xylene	8.714	106	159221	49.96	ug/L	#	66
60) Styrene	8.725	104	259226	49.00	ug/L		86
61) Bromoform	8.922	173	66244	58.80	ug/L		98
62) Isopropylbenzene	9.114	105	486405	56.94	ug/L		90
63) 1,2,3-Trichloropropane	9.488	110	32021	52.60	ug/L	#	84
65) Bromobenzene	9.440	156	117210	54.64	ug/L	#	69
66) 1,1,2,2-Tetrachloroethane	9.434	83	89161	44.86	ug/L		97
67) n-Propylbenzene	9.568	91	497318	51.14	ug/L		89
68) 2-Chlorotoluene	9.658	126	95869	48.99	ug/L	#	45
69) 4-Chlorotoluene	9.776	126	98660	49.45	ug/L	#	26
70) 1,3,5-Trimethylbenzene	9.765	105	413130	57.67	ug/L		84
71) tert-Butylbenzene	10.123	134	87760	54.88	ug/L	#	49
72) 1,2,4-Trimethylbenzene	10.176	105	409859	56.61	ug/L		84
73) sec-Butylbenzene	10.368	105	545319	58.67	ug/L		87
74) p-Isopropyltoluene	10.534	119	464697	58.75	ug/L		89
76) 1,3-Dichlorobenzene	10.491	146	217609	48.19	ug/L		92
77) 1,4-Dichlorobenzene	10.582	146	209176	46.23	ug/L		97
78) n-Butylbenzene	10.998	91	457887	55.47	ug/L		90
79) 1,2-Dichlorobenzene	11.003	146	210819	48.47	ug/L		95
81) 1,2-Dibromo-3-Chloropr...	11.879	157	22104	43.13	ug/L	#	78
82) 1,2,4-Trichlorobenzene	12.770	180	175087	48.23	ug/L		98
83) 1,2,3-Trichlorobenzene	13.266	180	157820	47.26	ug/L		94
84) Hexachlorobutadiene	12.957	225	129761	51.65	ug/L		98
85) Naphthalene	13.021	128	288676	43.90	ug/L		99
86) Cyclohexane	4.556	56	122721	46.44	ug/L		91

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

Data File: C:\msdchem\1\DATA\082010\V77686.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 11:58 am Operator: Bill Brew
Sample : 50ppb mega CC Inst : Instrument #1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 12:37:33 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



VOLATILE ORGANICS

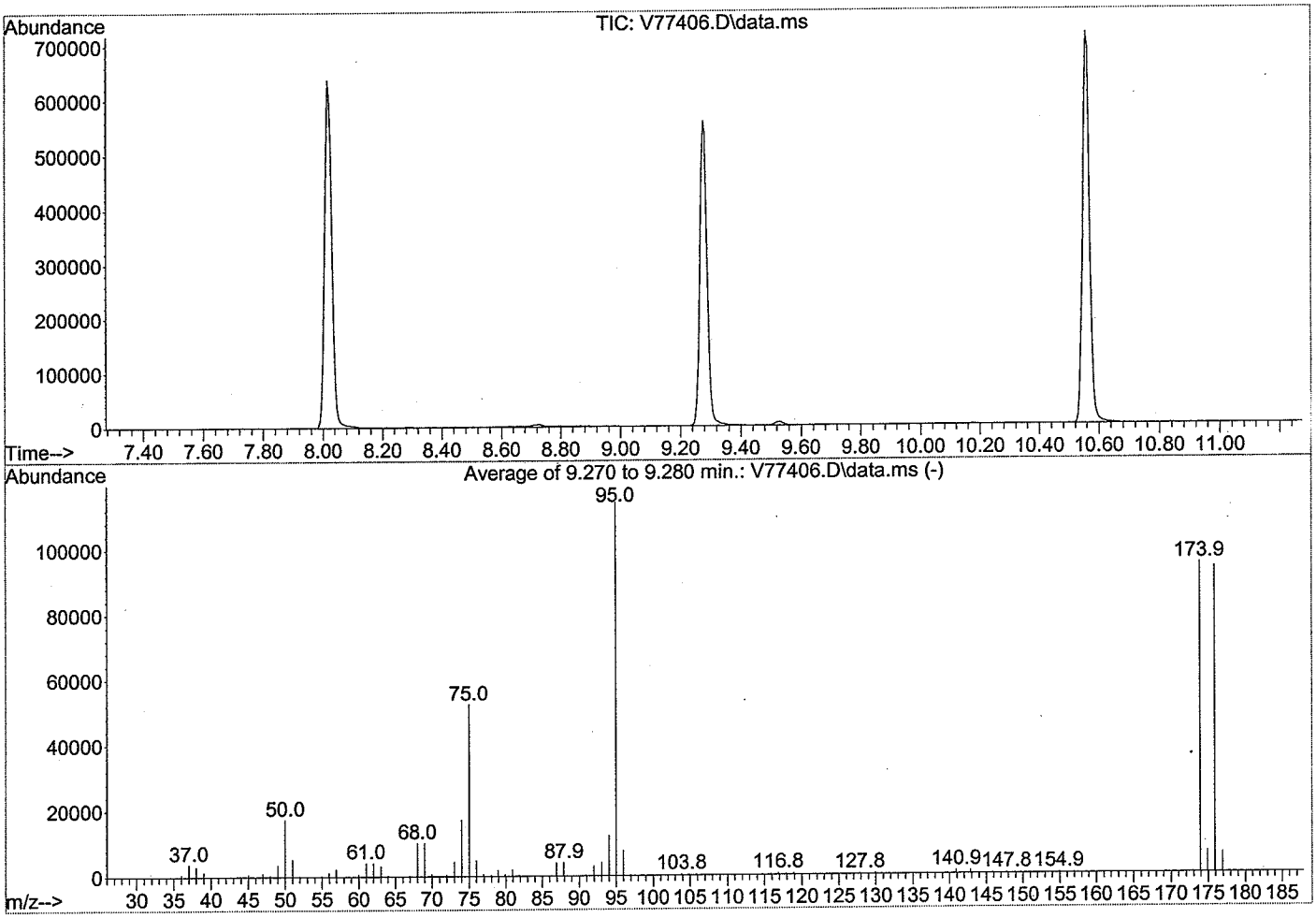
RAW QC DATA

Data Path : C:\msdchem\1\DATA\081110\
Data File : V77406.D
Acq On : 11 Aug 2010 4:23 pm
Operator : Bill Brew
Sample : 50ng BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\METHODS\080410a.M
Title : 8260/624 Analysis
Last Update : Thu Aug 05 12:44:28 2010

8/11 BB



AutoFind: Scans 1480, 1481, 1482; Background Corrected with Scan 1471

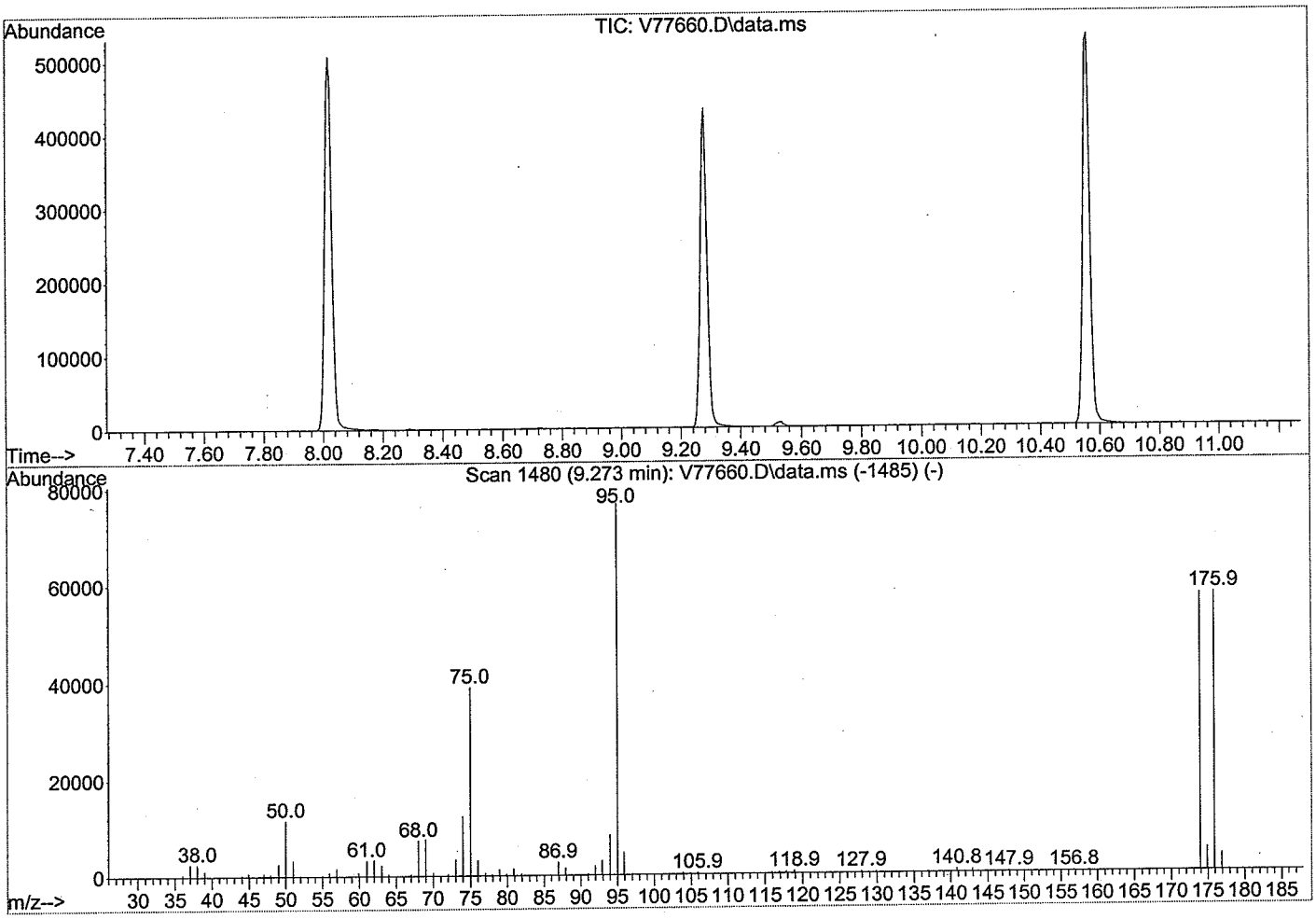
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.2	17330	PASS
75	95	30	60	45.9	52392	PASS
95	95	100	100	100.0	114146	PASS
96	95	5	9	6.6	7583	PASS
173	174	0.00	2	0.2	162	PASS
174	95	50	100	83.1	94853	PASS
175	174	5	9	7.0	6617	PASS
176	174	95	101	98.8	93704	PASS
177	176	5	9	6.6	6166	PASS

Data Path : C:\msdchem\1\DATA\081910\
Data File : V77660.D
Acq On : 19 Aug 2010 2:52 pm
Operator : Bill Brew
Sample : 50ng BFB
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\METHODS\081110.M
Title : 8260/624 Analysis
Last Update : Thu Aug 12 15:27:25 2010

8/19 BB



Spectrum Information: Scan 1480

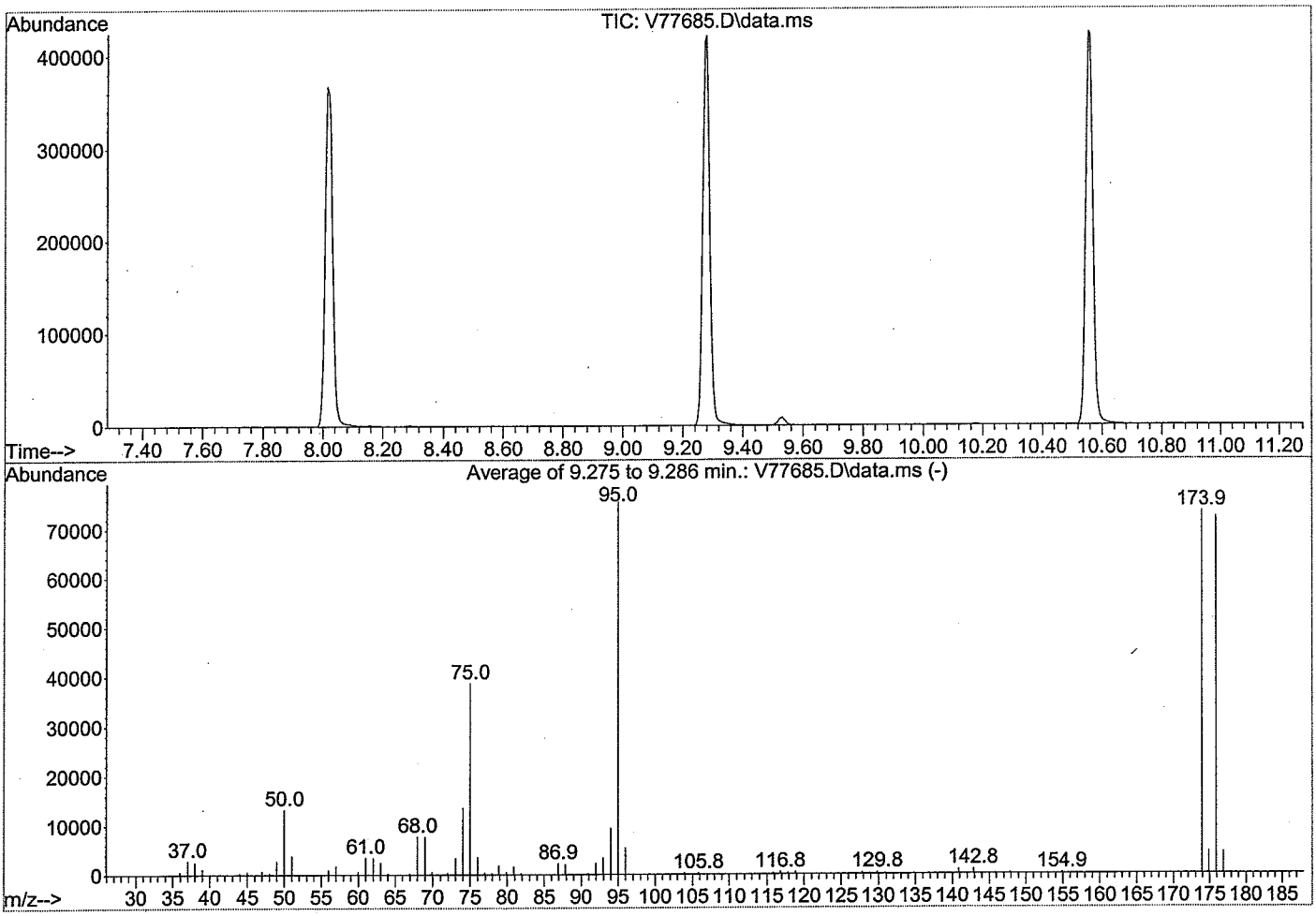
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.0	11537	PASS
75	95	30	60	50.8	38984	PASS
95	95	100	100	100.0	76733	PASS
96	95	5	9	6.1	4692	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	74.7	57324	PASS
175	174	5	9	8.2	4727	PASS
176	174	95	101	100.3	57471	PASS
177	176	5	9	6.1	3527	PASS

Data Path : C:\msdchem\1\DATA\082010\
Data File : V77685.D
Acq On : 20 Aug 2010 11:35 am
Operator : Bill Brew
Sample : 50ng BFB
Misc :
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : C:\msdchem\1\METHODS\081110.M
Title : 8260/624 Analysis
Last Update : Thu Aug 12 15:27:25 2010

8/20 BB



AutoFind: Scans 1481, 1482, 1483; Background Corrected with Scan 1472

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.5	13215	PASS
75	95	30	60	51.2	38714	PASS
95	95	100	100	100.0	75618	PASS
96	95	5	9	7.2	5408	PASS
173	174	0.00	2	0.2	151	PASS
174	95	50	100	97.3	73544	PASS
175	174	5	9	6.1	4493	PASS
176	174	95	101	98.5	72405	PASS
177	176	5	9	6.0	4368	PASS

Data File: C:\msdchem\1\DATA\081910\V77662.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 3:38 pm Operator: Bill Brew
Sample : WATER LCS Inst : Instrument #1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 15:56:47 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.071	96	388947	50.00	ug/L		0.00
54) Chlorobenzene-d5	8.022	117	278210	50.00	ug/L		0.00
75) 1,4-Dichlorobenzene-d4	10.557	152	164501	50.00	ug/L		0.00
System Monitoring Compounds							
26) Pentafluorobenzene	4.500	168	170158	43.28	ug/L		0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 86.56%				
29) 1,2-Dichloroethane-d4	4.777	65	89053	40.55	ug/L		0.01
Spiked Amount 50.000	Range 71 - 106		Recovery = 81.10%				
45) Toluene-D8	6.559	98	342630	48.90	ug/L		0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 97.80%				
64) 4-Bromofluorobenzene	9.276	95	173391	48.48	ug/L		0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 96.96%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.447	85	125250	53.02	ug/L		99
3) Chloromethane	1.596	50	99007	49.87	ug/L		98
4) Vinyl chloride	1.671	62	100101	51.52	ug/L		98
5) Bromomethane	1.916	94	62746	60.11	ug/L		98
6) Chloroethane	2.002	64	56216	49.16	ug/L		97
7) Trichlorofluoromethane	2.205	101	171254	53.17	ug/L		99
8) Ethyl ether	2.423	59	56753	46.00	ug/L		100
9) Freon 113	2.610	101	85223	51.44	ug/L		98
10) 1,1-Dichloroethene	2.616	61	112240	45.96	ug/L		88
11) Acetone	2.648	43	24823	22.24	ug/L		95
12) Carbon disulfide	2.802	76	222034	41.29	ug/L		100
14) Methylene chloride	3.005	84	86123	48.62	ug/L		96
15) Acrylonitrile	3.197	53	20332	42.32	ug/L		94
17) Methyl tert-butyl Ether	3.219	73	235338	47.20	ug/L		99
18) trans-1,2-Dichloroethene	3.224	61	102473	50.70	ug/L		85
19) 1,1-Dichloroethane	3.571	63	139937	46.59	ug/L		99
20) Vinyl acetate	3.603	43	114834	45.74	ug/L		99
21) 2,2-Dichloropropane	4.067	77	152656	50.66	ug/L		88
22) 2-Butanone	4.073	72	9332	42.69	ug/L	#	83
23) cis-1,2-Dichloroethene	4.067	96	96018	41.51	ug/L		89
24) Bromochloromethane	4.270	128	44260	47.55	ug/L	#	85
25) Chloroform	4.334	83	178048	48.57	ug/L		97
28) 1,1,1-Trichloroethane	4.505	97	170790	53.72	ug/L		89
30) Carbon Tetrachloride	4.649	117	146216	57.92	ug/L		99
31) Benzene	4.825	78	364144	45.96	ug/L		96
32) 1,2-Dichloroethane	4.841	62	129538	50.68	ug/L		96
33) Trichloroethene	5.407	130	102558	50.73	ug/L	#	85
36) 1,2-Dichloropropane	5.615	63	84000	44.35	ug/L	#	69
38) Dibromomethane	5.722	93	60197	53.39	ug/L	#	74
39) Bromodichloromethane	5.866	83	139809	52.03	ug/L		97
40) 2-Chloroethyl vinyl Ether	6.149	63	55583	52.71	ug/L		93
42) 1,1-Dichloropropene	4.644	75	136072	49.01	ug/L		91
43) cis-1,3-Dichloropropene	6.293	75	162570	51.03	ug/L		94
44) 4-Methyl-2-pentanone	6.447	43	71152	42.65	ug/L		85
46) Toluene	6.624	91	415789	49.59	ug/L		95

8/20 MS

Data File: C:\msdchem\1\DATA\081910\V77662.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 3:38 pm Operator: Bill Brew
Sample : WATER LCS Inst : Instrument #1
Misc :
ALS Vial : 4 Sample Multiplier: 1

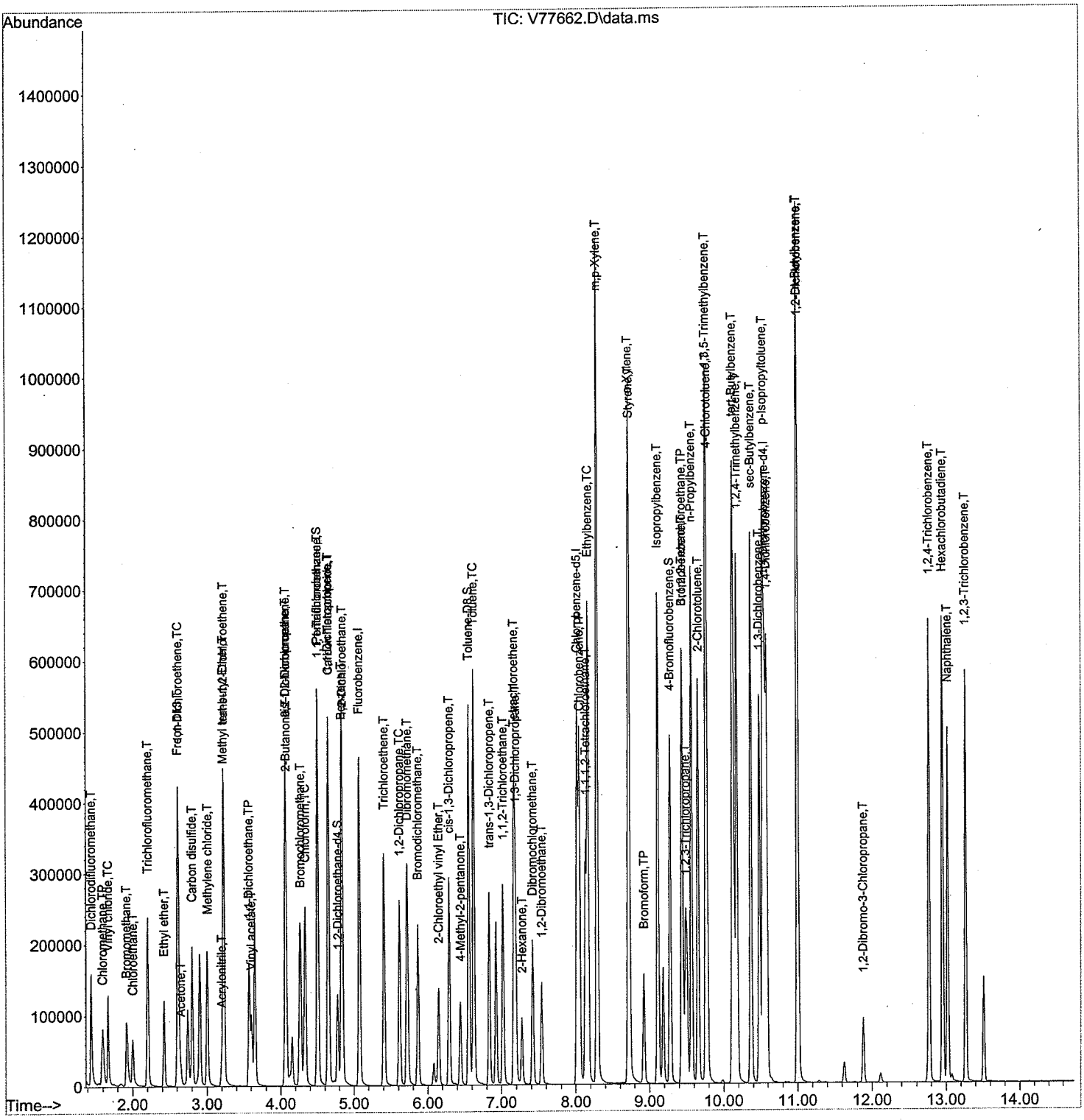
Quant Time: Aug 19 15:56:47 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) trans-1,3-Dichloropropene	6.837	75	152870	52.13	ug/L		97
48) 1,1,2-Trichloroethane	7.018	97	84405	46.94	ug/L		94
49) 1,3-Dichloropropane	7.189	76	149855	48.97	ug/L		99
50) Tetrachloroethene	7.168	166	129290	52.05	ug/L		95
51) 2-Hexanone	7.275	43	54424	48.15	ug/L		93
52) Dibromochloromethane	7.419	129	106792	56.61	ug/L		99
53) 1,2-Dibromoethane	7.541	107	91637	50.12	ug/L		99
55) Chlorobenzene	8.054	112	262316	50.95	ug/L		85
56) 1,1,1,2-Tetrachloroethane	8.134	131	104261	57.09	ug/L		96
57) Ethylbenzene	8.166	91	486256	52.29	ug/L		90
58) m,p-Xylene	8.289	106	362931	104.31	ug/L	#	81
59) o-Xylene	8.716	106	180052	49.80	ug/L	#	77
60) Styrene	8.726	104	300078	50.00	ug/L		91
61) Bromoform	8.924	173	73867	57.79	ug/L		98
62) Isopropylbenzene	9.111	105	492298	50.80	ug/L		93
63) 1,2,3-Trichloropropane	9.484	110	37610	54.45	ug/L	#	84
65) Bromobenzene	9.441	156	131220	53.92	ug/L	#	71
66) 1,1,2,2-Tetrachloroethane	9.436	83	113211	50.21	ug/L		97
67) n-Propylbenzene	9.564	91	595474	53.97	ug/L		87
68) 2-Chlorotoluene	9.660	126	110620	49.83	ug/L	#	55
69) 4-Chlorotoluene	9.778	126	115381	50.98	ug/L	#	46
70) 1,3,5-Trimethylbenzene	9.762	105	437627	53.85	ug/L		84
71) tert-Butylbenzene	10.124	134	89598	49.39	ug/L	#	43
72) 1,2,4-Trimethylbenzene	10.178	105	432380	52.65	ug/L		85
73) sec-Butylbenzene	10.370	105	546987	51.88	ug/L		89
74) p-Isopropyltoluene	10.535	119	502677	56.02	ug/L		91
76) 1,3-Dichlorobenzene	10.482	146	240898	44.86	ug/L		95
77) 1,4-Dichlorobenzene	10.583	146	253100	47.04	ug/L		97
78) n-Butylbenzene	10.994	91	476096	48.50	ug/L		92
79) 1,2-Dichlorobenzene	11.005	146	234480	45.33	ug/L		98
81) 1,2-Dibromo-3-Chloropr...	11.880	157	28861	47.30	ug/L	#	84
82) 1,2,4-Trichlorobenzene	12.772	180	204908	47.46	ug/L		100
83) 1,2,3-Trichlorobenzene	13.263	180	180511	45.45	ug/L		98
84) Hexachlorobutadiene	12.953	225	139770	46.78	ug/L		98
85) Naphthalene	13.022	128	373930	47.82	ug/L		99

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

Data File: C:\msdchem\1\DATA\081910\V77662.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 3:38 pm Operator: Bill Brew
Sample : WATER LCS Inst : Instrument #1
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 15:56:47 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



Quantitation Report (QT Reviewed)

Data File: C:\msdchem\1\DATA\082010\V77687.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 12:22 pm
Sample : WATER LCS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 12:39:33 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.076	96	337277	50.00	ug/L		0.00
54) Chlorobenzene-d5	8.021	117	261545	50.00	ug/L		0.00
75) 1,4-Dichlorobenzene-d4	10.562	152	141237	50.00	ug/L		0.00
System Monitoring Compounds							
26) Pentafluorobenzene	4.499	168	154408	45.29	ug/L		0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 90.58%				
29) 1,2-Dichloroethane-d4	4.771	65	85135	44.80	ug/L		0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 89.60%				
45) Toluene-D8	6.559	98	302308	49.80	ug/L		0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 99.60%				
64) 4-Bromofluorobenzene	9.276	95	152866	45.46	ug/L		0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 90.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.436	85	125444	61.23	ug/L		98
3) Chloromethane	1.585	50	84400	49.02	ug/L		98
4) Vinyl chloride	1.660	62	82472	48.95	ug/L		96
5) Bromomethane	1.916	94	57677	63.72	ug/L		96
6) Chloroethane	1.996	64	49605	50.02	ug/L		98
7) Trichlorofluoromethane	2.199	101	170690	61.11	ug/L		100
8) Ethyl ether	2.418	59	55238	51.63	ug/L		100
9) Freon 113	2.605	101	77697	54.09	ug/L		95
10) 1,1-Dichloroethene	2.610	61	108472	51.23	ug/L		89
11) Acetone	2.642	43	21232	21.48	ug/L		90
12) Carbon disulfide	2.797	76	200255	42.95	ug/L		100
14) Methylene chloride	2.994	84	73825	48.02	ug/L		96
15) Acrylonitrile	3.186	53	18288	43.90	ug/L		96
17) Methyl tert-butyl Ether	3.218	73	212915	49.24	ug/L		98
18) trans-1,2-Dichloroethene	3.224	61	101748	58.05	ug/L		82
19) 1,1-Dichloroethane	3.571	63	123757	47.52	ug/L		98
20) Vinyl acetate	3.608	43	99096	45.52	ug/L		97
21) 2,2-Dichloropropane	4.062	77	148910	56.99	ug/L		90
22) 2-Butanone	4.067	72	8366	44.15	ug/L	#	69
23) cis-1,2-Dichloroethene	4.056	96	82342	41.05	ug/L	#	74
24) Bromochloromethane	4.270	128	40652	50.36	ug/L	#	80
25) Chloroform	4.328	83	172086	54.14	ug/L		98
28) 1,1,1-Trichloroethane	4.499	97	159539	57.86	ug/L		88
30) Carbon Tetrachloride	4.649	117	143459	65.54	ug/L		100
31) Benzene	4.825	78	310388	45.18	ug/L		95
32) 1,2-Dichloroethane	4.841	62	123414	55.68	ug/L		97
33) Trichloroethene	5.406	130	79154	45.15	ug/L	#	77
36) 1,2-Dichloropropane	5.609	63	72227	43.97	ug/L	#	75
38) Dibromomethane	5.721	93	52064	53.25	ug/L	#	68
39) Bromodichloromethane	5.860	83	127223	54.60	ug/L		99
40) 2-Chloroethyl vinyl Ether	6.148	63	46544	50.90	ug/L		91
42) 1,1-Dichloropropene	4.643	75	125314	52.05	ug/L		89
43) cis-1,3-Dichloropropene	6.292	75	142601	51.62	ug/L		91
44) 4-Methyl-2-pentanone	6.436	43	58718	40.59	ug/L		88
46) Toluene	6.623	91	349397	48.06	ug/L		96

8/23 ms

Data File: C:\msdchem\1\DATA\082010\V77687.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 12:22 pm Operator: Bill Brew
Sample : WATER LCS Inst : Instrument #1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 20 12:39:33 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

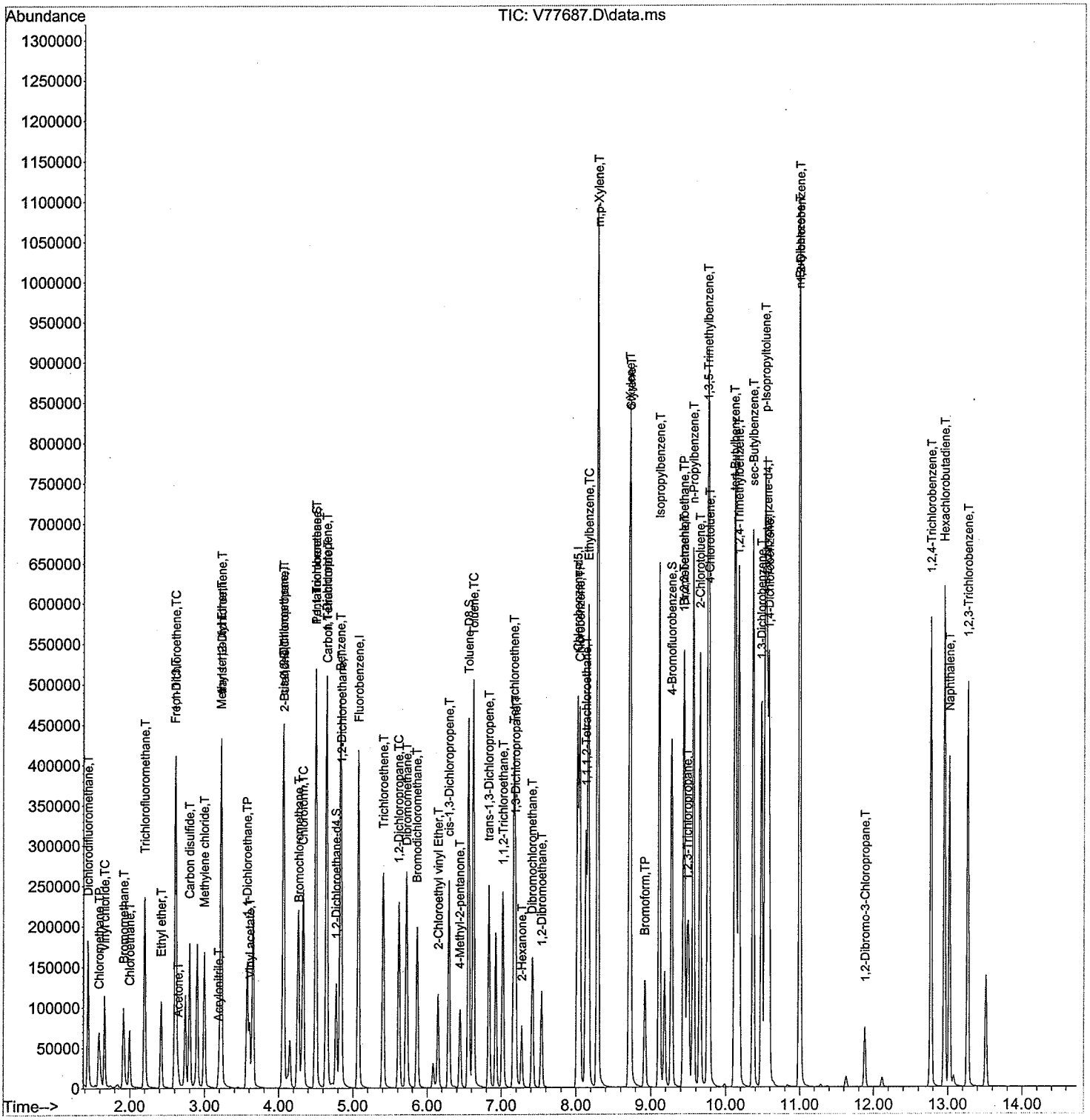
	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	trans-1,3-Dichloropropene	6.831	75	135494	53.28	ug/L		95
48)	1,1,2-Trichloroethane	7.023	97	69892	44.83	ug/L		95
49)	1,3-Dichloropropane	7.189	76	126048	47.50	ug/L		98
50)	Tetrachloroethene	7.168	166	111773	51.89	ug/L		93
51)	2-Hexanone	7.274	43	41991	42.84	ug/L		95
52)	Dibromochloromethane	7.413	129	88603	54.16	ug/L		98
53)	1,2-Dibromoethane	7.541	107	75802	47.81	ug/L		99
55)	Chlorobenzene	8.048	112	232879	48.11	ug/L		82
56)	1,1,1,2-Tetrachloroethane	8.134	131	91282	53.17	ug/L		96
57)	Ethylbenzene	8.166	91	427047	48.85	ug/L		89
58)	m,p-Xylene	8.294	106	309884	94.73	ug/L	#	69
59)	o-Xylene	8.715	106	150569	44.30	ug/L	#	68
60)	Styrene	8.726	104	248211	43.99	ug/L		86
61)	Bromoform	8.918	173	65051	54.14	ug/L		95
62)	Isopropylbenzene	9.116	105	438333	48.11	ug/L		91
63)	1,2,3-Trichloropropane	9.484	110	30267	46.62	ug/L	#	80
65)	Bromobenzene	9.441	156	105903	46.29	ug/L	#	63
66)	1,1,2,2-Tetrachloroethane	9.436	83	91903	43.35	ug/L		98
67)	n-Propylbenzene	9.564	91	522436	50.37	ug/L		88
68)	2-Chlorotoluene	9.655	126	99075	47.47	ug/L	#	58
69)	4-Chlorotoluene	9.783	126	93450	43.92	ug/L	#	18
70)	1,3,5-Trimethylbenzene	9.761	105	372976	48.82	ug/L		87
71)	tert-Butylbenzene	10.119	134	81420	47.74	ug/L	#	49
72)	1,2,4-Trimethylbenzene	10.172	105	381673	49.43	ug/L		87
73)	sec-Butylbenzene	10.370	105	527936	53.26	ug/L		85
74)	p-Isopropyltoluene	10.535	119	439495	52.10	ug/L		88
76)	1,3-Dichlorobenzene	10.482	146	205975	44.67	ug/L		91
77)	1,4-Dichlorobenzene	10.588	146	215601	46.67	ug/L		95
78)	n-Butylbenzene	10.994	91	434190	51.51	ug/L		89
79)	1,2-Dichlorobenzene	11.005	146	197334	44.43	ug/L		97
81)	1,2-Dibromo-3-Chloropr...	11.885	157	22646	43.27	ug/L	#	79
82)	1,2,4-Trichlorobenzene	12.771	180	178627	48.19	ug/L		98
83)	1,2,3-Trichlorobenzene	13.268	180	153842	45.11	ug/L		95
84)	Hexachlorobutadiene	12.953	225	131576	51.29	ug/L		99
85)	Naphthalene	13.022	128	299176	44.56	ug/L		99

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

8/23 pm

Data File: C:\msdchem\1\DATA\082010\V77687.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 12:22 pm Operator: Bill Brew
Sample : WATER LCS Inst : Instrument #1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 20 12:39:33 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: Water LRB 08/19/10
Date Sampled: N/A
Date Received: N/A
Date Analyzed: 08/19/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77663.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogesteger: Technical Director

Quantitation Report (QT Reviewed)

Data File: C:\msdchem\1\DATA\081910\V77663.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 4:02 pm
Sample : WATER LRB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 19 16:41:53 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.076	96	381611	50.00 ug/L	0.00
54) Chlorobenzene-d5	8.022	117	291382	50.00 ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.557	152	167883	50.00 ug/L	0.00
System Monitoring Compounds					
26) Pentafluorobenzene	4.505	168	165032	42.78 ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery =	85.56%	
29) 1,2-Dichloroethane-d4	4.772	65	87140	40.44 ug/L	0.00
Spiked Amount 50.000	Range 71 - 106		Recovery =	80.88%	
45) Toluene-D8	6.554	98	302313	43.77 ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery =	87.54%	
64) 4-Bromofluorobenzene	9.276	95	160738	42.91 ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery =	85.82%	
Target Compounds					Qvalue
11) Acetone	2.653	43	6989	~~Below Cal~~ <10	95
14) Methylene chloride	3.005	84	1965	~~Below Cal~~ <5	96
82) 1,2,4-Trichlorobenzene	12.777	180	2516	~~0.57~~ ug/L ↓	95
83) 1,2,3-Trichlorobenzene	13.268	180	3834	~~0.95~~ ug/L ↓	97
85) Naphthalene	13.022	128	10097	~~1.27~~ ug/L <5	98
86) Cyclohexane	4.499	56	2539	~~0.79~~ ug/L # ↓	62

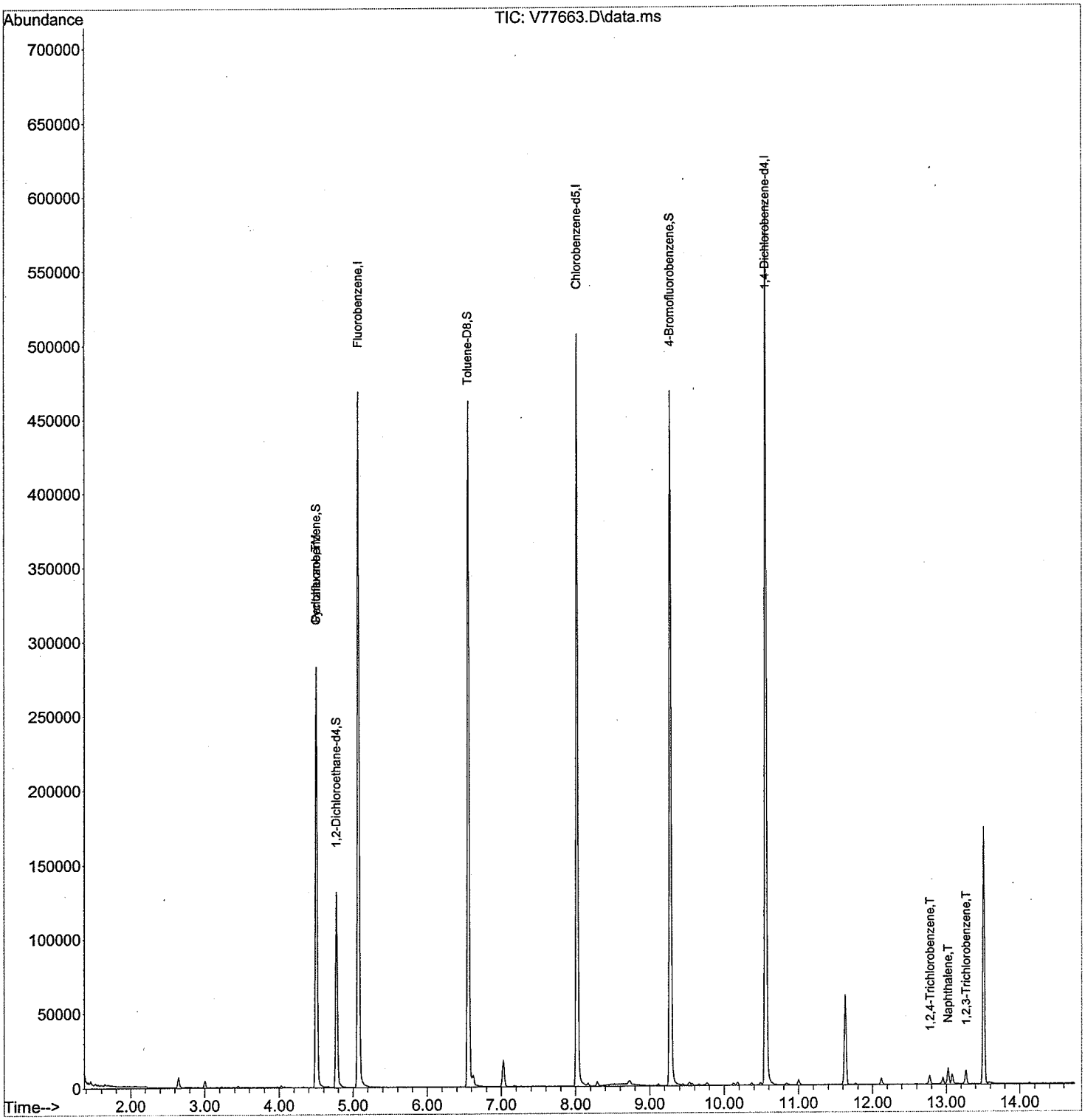
8/20 BM

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

Data File: C:\msdchem\1\DATA\081910\V77663.D
DataAcq Meth:8260RUN.M
Acq On : 19 Aug 2010 4:02 pm
Sample : WATER LRB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 19 16:41:53 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 14608 (585) 647 - 2530 FAX (585) 647 - 3311

Volatile Analysis Report for Non-potable Water

Client: The Palmerton Group

Client Job Site: Office Depot Plaza
Client Job Number: N/A
Field Location: N/A
Field ID Number: N/A
Sample Type: Water

Lab Project Number: 10-3320A
Lab Sample Number: Water LRB 08/20/10

Date Sampled: N/A
Date Received: N/A
Date Analyzed: 08/20/2010

Compound	Results in ug / L
Acetone	ND< 10.0
Benzene	ND< 0.700
Bromochloromethane	ND< 5.00
Bromodichloromethane	ND< 2.00
Bromoform	ND< 5.00
Bromomethane	ND< 2.00
2-Butanone	ND< 10.0
Carbon disulfide	ND< 5.00
Carbon Tetrachloride	ND< 2.00
Chlorobenzene	ND< 2.00
Chloroethane	ND< 2.00
Chloroform	ND< 2.00
Chloromethane	ND< 2.00
Cyclohexane	ND< 10.0
Dibromochloromethane	ND< 2.00
1,2-Dibromo-3-Chloropropane	ND< 10.0
1,2-Dibromoethane	ND< 2.00
1,2-Dichlorobenzene	ND< 2.00
1,3-Dichlorobenzene	ND< 2.00
1,4-Dichlorobenzene	ND< 2.00
Dichlorodifluoromethane	ND< 5.00
1,1-Dichloroethane	ND< 2.00
1,2-Dichloroethane	ND< 2.00
1,1-Dichloroethene	ND< 2.00
cis-1,2-Dichloroethene	ND< 2.00
trans-1,2-Dichloroethene	ND< 2.00

Compound	Results in ug / L
1,2-Dichloropropane	ND< 2.00
cis-1,3-Dichloropropene	ND< 2.00
trans-1,3-Dichloropropene	ND< 2.00
Ethylbenzene	ND< 2.00
2-Hexanone	ND< 5.00
Isopropylbenzene	ND< 5.00
Methyl acetate	ND< 2.00
Methyl tert-butyl Ether	ND< 2.00
Methylcyclohexane	ND< 2.00
Methylene chloride	ND< 5.00
4-Methyl-2-pentanone	ND< 5.00
Styrene	ND< 5.00
1,1,2,2-Tetrachloroethane	ND< 2.00
Tetrachloroethene	ND< 2.00
Toluene	ND< 2.00
Freon 113	ND< 2.00
1,2,3-Trichlorobenzene	ND< 5.00
1,2,4-Trichlorobenzene	ND< 5.00
1,1,1-Trichloroethane	ND< 2.00
1,1,2-Trichloroethane	ND< 2.00
Trichloroethene	ND< 2.00
Trichlorofluoromethane	ND< 2.00
Vinyl chloride	ND< 2.00
m,p-Xylene	ND< 2.00
o-Xylene	ND< 2.00

ELAP Number 10958 Method: EPA 8260B Data File: V77688.D

Comments: ND denotes Non Detect
ug / L = microgram per Liter

Signature: _____
Bruce Hoogestegen, Technical Director

Quantitation Report (QT Reviewed)

Data File: C:\msdchem\1\DATA\082010\V77688.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 12:45 pm
Sample : WATER LRB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 13:00:44 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.075	96	299065	50.00	ug/L	0.00
54) Chlorobenzene-d5	8.021	117	225072	50.00	ug/L	0.00
75) 1,4-Dichlorobenzene-d4	10.556	152	132254	50.00	ug/L	0.00
System Monitoring Compounds						
26) Pentafluorobenzene	4.499	168	143197	47.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 123		Recovery = 94.74%			
29) 1,2-Dichloroethane-d4	4.771	65	81626	48.53	ug/L	0.00
Spiked Amount 50.000	Range 71 - 106		Recovery = 97.06%			
45) Toluene-D8	6.559	98	271466	50.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 113		Recovery = 100.92%			
64) 4-Bromofluorobenzene	9.281	95	132418	45.76	ug/L	0.00
Spiked Amount 50.000	Range 67 - 107		Recovery = 91.52%			
Target Compounds						Qvalue
11) Acetone	2.642	43	5820	Below Cal	< 10	92
14) Methylene chloride	2.994	84	2196	Below Cal	< 5	96
82) 1,2,4-Trichlorobenzene	12.771	180	2503	0.72	ug/L	96
83) 1,2,3-Trichlorobenzene	13.267	180	3855	1.21	ug/L	97
84) Hexachlorobutadiene	12.953	225	1309	0.54	ug/L	85
85) Naphthalene	13.022	128	7815	1.24	ug/L	96
86) Cyclohexane	4.494	56	2480	0.98	ug/L #	71

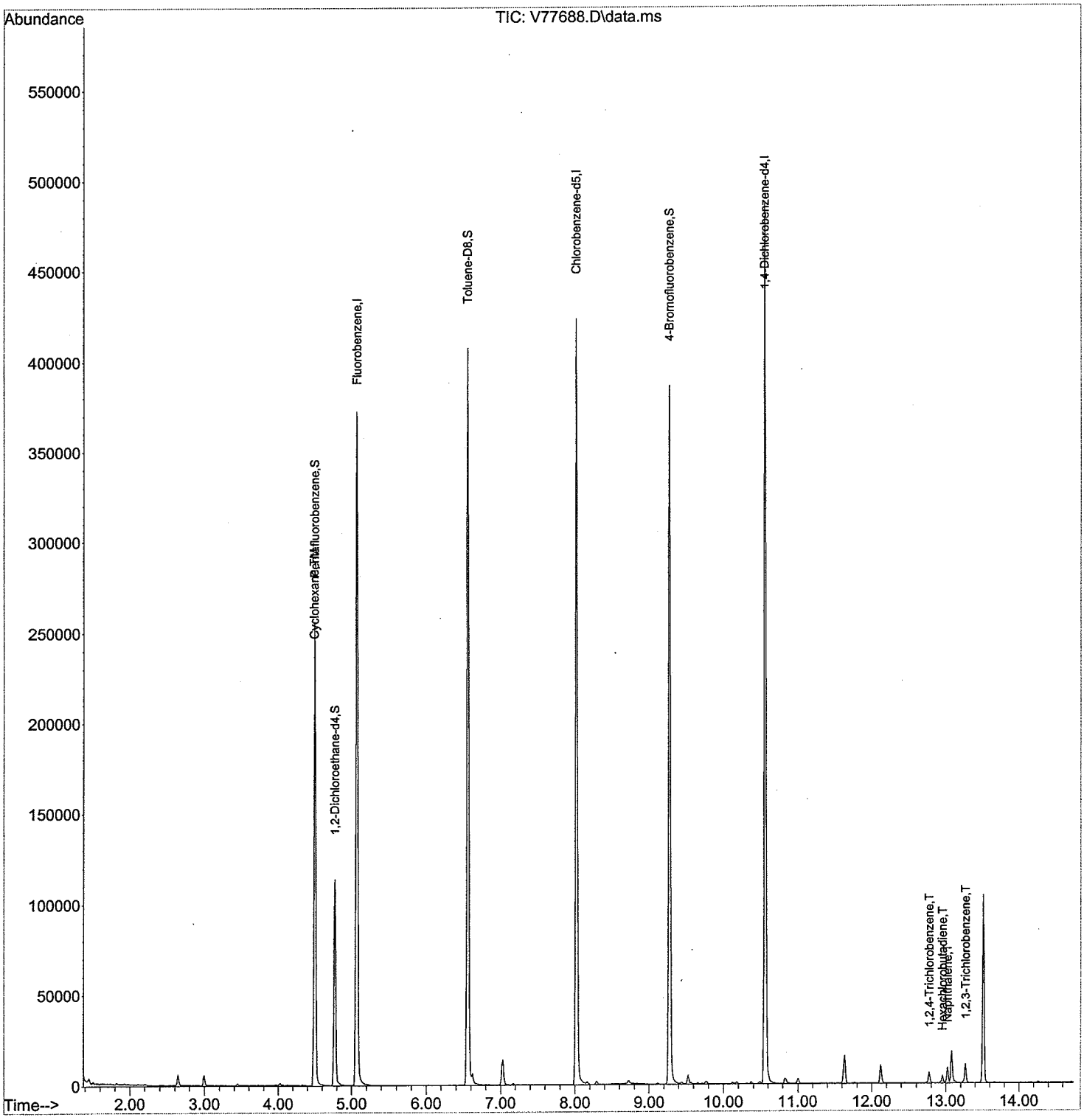
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8/23 pm

Data File: C:\msdchem\1\DATA\082010\V77688.D
DataAcq Meth:8260RUN.M
Acq On : 20 Aug 2010 12:45 pm
Sample : WATER LRB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Operator: Bill Brew
Inst : Instrument #1

Quant Time: Aug 20 13:00:44 2010
Quant Method : C:\msdchem\1\METHODS\081110.M
Quant Title : 8260/624 Analysis
QLast Update : Thu Aug 12 15:27:25 2010
Response via : Initial Calibration
Integrator: RTE



GC / MS VOA System 6890 / 5973

Internal Standard: 10228

Date of Intial Calibration: 8/11/10

Date	GC Method	Vial #	Data File	Matrix	Sample ID	Volume	Std#	Test	Seq	Intials
8/11/10	8260RUN	1	V77405		50 ng BFB	5µl	10091		1	BFB
		2	V77406		"	"	"			
		3	V77407		1 ppb mega Cal	0.1µl	10216	updated 8/12/10 MS		
		4	V77408		2	0.2				
		5	V77409		5	0.5				
		6	V77410		10	1		081110, M		
		7	V77411		50	5				
		8	V77412		100	10				
		9	V77413		200	20				
		10	V77414	water	LCS	5µl	10223		2	
		11	V77415		LRB					
		12	V77416		WP-186					
		13	V77417		" dup					
		14	V77418		QC 9171-710					
		15	V77419		9677					
		16	V77420	soil	9667	5g				
		17	V77421		" dup					
		18	V77422	water	10722	5ml	V1	*		
		19	V77423		10723					
		20	V77424		10724					
		21	V77425		250 ppb GRO	0.5µl	10224	updated 8/12/10 MS	3	
		22	V77426		500	1				
		23	V77427		1000	2		GRO 20106.M		
		24	V77428		2500	5				

A	R	pH	Res Cl	Comments	Intials
					BFB

*A = Accept R = Reject

^ pH and Res Cl recorded for 624 Only

GC / MS VOA System 6890 / 5973

Internal Standard: 10228

Date of Intial Calibration: 8/11/10

Date	GC Method	Vial #	Data File	Matrix	Sample ID	Volume	Std#	Test	Seq	Intials
8/19/10	8260 RUN	1	V77659		50 ng BFB	5 µl	10091		1	BB
		2	V77660		"	"	"			
		3	V77661		50 ppb mega cc	5 µl	10216			
		4	V77662	water	LCS	5 µl	10223		2	
		5	V77663		LRB					
		6	V77664		10891	500 µl	V2	GES-site		
		7	V77665		11113	5 ml	V1	601/602		
		8	V77666	TCLP	11009	500 µl				
		9	V77667	water	11113 MS	5 ml				
		10	V77668		" MSD					
		11	V77669		11031		V	TCL		
		12	V77670		11032		V1	TCL + *		
		13	V77671		10896	5 ml	V1	ASP		
		14	V77672		10897					
		15	V77673		10898					
		16	V77674		10899					
		17	V77675		10900					
		18	V77676		10901					
		19	V77677		10902					
		20	V77678		10903					
		21	V77679		10904					
		22	V77680		10905					
		23	V77681		10906					
		24	V77682		10907					

A	R	pH	Res Cl	Comments	Intials
					BB
					"
		12	neg		
	X			Re 2.5 ml	
	X			Re 2 ml	
	X			Re 500 µl	
	X			Re carryover	
	X			Re 5ml	
	X			Re	
	X			Re carryover	

*A = Accept R = Reject

^ pH and Res Cl recorded for 624 Only

GC / MS VOA System 6890 / 5973

Internal Standard: 10228

Date of Intial Calibration: 8/11/10

Date	GC Method	Vial #	Data File	Matrix	Sample ID	Volume	Std#	Test	Seq	Intials	A	R	pH	Res Cl	Comments	Intials
8/19/10	8260RVN	25	V77683	water	10908	5 ml	V1	ASP	2	BB						BB
	↓	26	V77684		10909	↓	V	↓	↓	↓						↓
8/20/10	8260RVN	1	V77685		50 ng BFB	5 ml	10091		1	BB						BB
		2	V77686		50 ppb mega cc	5 ml	10216		↓							
		3	V77687	water	LCS	5 ml	10223		2							
		4	V77688	↓	LRB											
		5	V77689	TCLP	10590	500 ml	V1								Rush	
		6	V77690		10591										↓	
		7	V77691		10592											
		8	V77692		10650											
		9	V77693		11072											
		10	V77694		11134											
		11	V77695		11135											
		12	V77696		10983											
		13	V77697	↓	10984	↓	↓									
		14	V77698	water	10822	25 ml	V1	601/602					<2	mg		
		15	V77699		10821 MS	5 ml										
		16	V77700		+ MSD	↓	↓									
		17	V77701		10821	↓	↓	601/602/8015					X<2	mg	Re run	
		18	V77702		11031	2.5 ml	V	TCL								
		19	V77703		11036	5 ml	V1	TCL+☆								
		20	V77704		11038	↓	↓	↓								
	↓	21	V77705	↓	11040	↓	↓	↓	↓	↓						

*A = Accept R = Reject

^ pH and Res Cl recorded for 624 Only

GC / MS VOA System 6890 / 5973

Internal Standard: 10228

Date of Intial Calibration: 8/11/10

Date	GC Method	Vial #	Data File	Matrix	Sample ID	Volume	Std#	Test	Seq	Intials
8/20/10	8260LVN	22	V77706	water	10898	2 ml	V2	ASP	2	BB
		23	V77707		10903	500 µl				
		24	V77708		10904	5 ml				
		25	V77709		10905	500 µl				
		26	V77710		10906	500 µl				
		27	V77711		10907	5 ml	↓	↓		
		28	V77712		11187		V1	TCL+*		
		29	V77713		11188					
		30	V77714		11189					
		31	V77715	↓	11190	↓	↓	↓	↓	
		32	V77716		50 ng BFB	5 µl	10091		3	
		33	V77717		↓	↓	↓			
		34	V77718		50 ppb mega cc	5 µl	10216		↓	
		35	V77719	water	LCS	5 µl	10223		4	
		36	V77720		LRB					
		37	V77721		11191	5 ml	V1	TCL+*		
		38	V77722		11192					
		39	V77723		11193					
		40	V77724		11194					
		41	V77725		11195					
	↓	42	V77726	↓	11196	↓	↓	↓		
		43	V77727	TCLP	10592	250 µl	V2		↓	↓

A	R	pH	Res Cl	Comments	Intials
					BB
				Rush	
				2nd window	BB
				Rush	

*A = Accept R = Reject

^ pH and Res Cl recorded for 624 Only

Appendix C

Microbial Bacteria Report – August 11 & 12, 2010

www.siremlab.com
130 Research Lane, Suite 2
Guelph, Ontario N1G 5G3
Phone (519) 822-2265
Fax (519) 822-3151

Certificate of Analysis: Quantitative Gene-Trac *Dehalococcoides* Assay

Customer: Todd Bown/ Ben Haith, Palmerton Group

Project: Office Depot Plaza

Customer Reference: Office Depot Plaza

SiREM Reference: S-1971

Report Issued: 25-Aug-10

Data Files: MyiQ-DHC-QPCR-0654
DHC-QPCR-Check-gel-0464
MyiQ-DB-DHC-QPCR-0125
DHC-UP-0634

Table 1: Test Results

Customer Sample ID	SiREM Sample ID	Sample Collection Date	Sample Matrix	Percent Dhc [A]	*Dehalococcoides* Enumeration [B]
MW-1	DHC-6371	11-Aug-10	Field Filter	NA(1)	ND(2,3)
MW-11	DHC-6372	11-Aug-10	Field Filter	NA(1)	ND(2,3)
MW-3	DHC-6373	11-Aug-10	Field Filter	NA(1)	ND(2)
MW-14	DHC-6374	12-Aug-10	Field Filter	NA(1)	ND(2,3)

Notes:

[A] Percent *Dehalococcoides* (Dhc) in microbial population. This value is calculated by dividing the number of Dhc 16S ribosomal ribonucleic acid (rRNA) gene copies by the total number of bacteria as estimated by the mass of DNA extracted from the sample. Range represents normal variation in Dhc enumeration.

[B] Based on quantification of Dhc 16S rRNA gene copies. Dhc are generally reported to contain one 16S rRNA gene copy per cell; therefore, this number is often interpreted to represent the number of Dhc cells present in the sample.

NA = not applicable
ND = not detected

[1] Not applicable as *Dehalococcoides* not detected.
[2] Not detected. The sample specific quantitation limit was 2 x 10^3/liter.
[3] Sample contained low concentrations of biomass based on low extracted DNA yield, or sample inhibited the test reaction based on inability to PCR amplify extracted DNA with universal primers.

Analyst: Julie Pring
Julie Pring
Biotechnology Technologist

Approved: Ximena Druar
Ximena Druar, B.Sc.
Molecular Biology Coordinator

Table 2: Detailed Test Parameters, Gene-Trac Test Reference S-1971

Customer Sample ID	MW-1	MW-11	MW-3	MW-14
SiREM Sample ID	DHC-6371	DHC-6372	DHC-6373	DHC-6374
Date Received	13-Aug-10	13-Aug-10	13-Aug-10	13-Aug-10
Sample Temperature	24 ˚C	24 ˚C	24 ˚C	24 ˚C
Filtration Date	11-Aug-10	11-Aug-10	11-Aug-10	12-Aug-10
Volume Used for DNA Extraction	1000 mL	1000 mL	1000 mL	1000 mL
DNA Extraction Date	17-Aug-10	17-Aug-10	17-Aug-10	17-Aug-10
DNA Concentration in Sample (extractable)	866 ng/L	704 ng/L	825 ng/L	825 ng/L
PCR Amplifiable DNA	ND	ND	Detected	ND
qPCR Date Analyzed	18-Aug-10	18-Aug-10	18-Aug-10	18-Aug-10
Laboratory Controls (see Table 3)	Passed	Passed	Passed	Passed
Comments	Sample not tested for vcrA as sample was ND for Dhc.	Sample not tested for vcrA as sample was ND for Dhc.	Sample not tested for vcrA as sample was ND for Dhc.	Sample not tested for vcrA as sample was ND for Dhc.

Notes:

Refer to Table 3 for detailed results of controls.
ND = not detected
°C = degrees Celsius
PCR = polymerase chain reaction
qPCR = quantitative PCR
Dhc = *Dehalococcoides*
ng/L = nanograms per liter
mL = milliliters
DNA = Deoxyribonucleic acid

Table 3: Laboratory Controls, Gene-Trac Test Reference S-1971

Laboratory Control	Analysis Date	Control Description	Spiked Dhc 16S rRNA Gene Copies per Liter	Recovered Dhc 16S rRNA Gene Copies per Liter	Comments
Positive Control Low Concentration	18-Aug-10	qPCR with KB-1 genomic DNA (CSLD-0292)	4.3×10^5	2.4×10^5	- -
Positive Control High Concentration	18-Aug-10	qPCR with KB-1 genomic DNA (CSHD-0292)	3.3×10^7	2.8×10^7	- -
Negative Control	18-Aug-10	Tris Reagent Blank (TBD-0252)	0	ND	- -
DNA Extraction Blank	18-Aug-10	DNA extraction sterile water (FB-1248)	0	Inconclusive	See Note 1

Notes:

Dhc = *Dehalococcoides*

DNA = Deoxyribonucleic acid

ND = not detected

qPCR = quantitative PCR

16S rRNA = 16S ribosomal ribonucleic acid

[1]Inconclusive results may indicate extremely low concentrations of *Dehalococcoides* DNA.

№ 2853

Chain-of-Custody Form

SIREM Site Recovery & Management

130 Research Lane, Suite 2 ◦ Guelph, Ontario, Canada N1G 5G3 ◦ Phone (519) 822-2265 or toll free 1-866-251-1747 Fax (519) 822-3151
www.siremlab.com

Page 1 of 1

Lab # S-1971

Project Name: Office Depot Plaza	Project #: Office Depot Plaza
Project Manager: Todd Bown / Bob Haitko	
Email Address: t.bown@palmertongroup.com	
Company: Palmerton Group	
Address: 6296 FLY RD. East Syracuse, NY 13057	
Phone #: (315) 463-5300	Fax #:
Sampler's Signature:	Sampler's Printed Name: TODD G. BOWN

Analysis

Preservative: 0 | 0

Gene-Trac Dhc | Gene-Trac VC | Gene-Trac Dhb

Preservative Key
0. None
1. HCl
2. Other _____
3. Other _____

Customer Sample ID	Sampling Date	Sampling Time	Matrix	# of Containers	Gene-Trac Dhc	Gene-Trac VC	Other Information
MW-1 (1L)	8/11/10	1420	GW	2	X	X	
MW-11 (1L)	↓	1730	↓	↓	X	X	
MW-3 (1L)	↓	1905	↓	↓	X	X	
MW-14 (1L)	8/12/10	1130	↓	2	X	X	

Sample Receipt
Cooler Condition: GOOD
Cooler Temperature: 24 °C
Custody Seals: Yes ☐ No ☒

Billing Information
P.O. #:
Bill To:

Turnaround Time Requested
Normal ☒
Rush ☐

For Lab Use Only
Field Filter
Proposal #: _____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature:	Signature:	Signature:	Signature:	Signature:	Signature:
Printed Name: TODD BOWN	Printed Name: Julie Prins	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: Palmerton Group	Firm: SIREM	Firm:	Firm:	Firm:	Firm:
Date/Time: 8/12/10 1500	Date/Time: 13 Aug 10	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Distribution: White - Return to Originator: Yellow - Lab Copy: Pink - Retained by Client