Periodic Review Report (PRR)

Sovereign Specialty Chemicals, Inc.

710 Ohio Street
Buffalo, NY 14203

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LIST OF ABBREVIATIONS

BCP	Brownfield Cleanup Program
bgs	below ground surface
COC	Contaminants of Concern
DUSR	Data Usability Summary Report
Henkel	Henkel Corporation
HRP	HRP Associates, Inc.
HVE	High Vacuum Extraction
mg/kg	milligram per kilogram
NYSDEC	New York State Department of Environmental Conservation
OM&M	Operations, Maintenance and Monitoring Plan
PID	Photoionization Detector
QC	Quality Control
RA	Remedial Action
RACR	Remedial Action Completion Report
RAP	Remedial Action Plan
Site	North Parcel of 710 Ohio Street; Buffalo, New York
Sovereign	Sovereign Specialty Chemicals, Inc.
TOC	Total Organic Compound
TOGS	Technical and Operations Guidance Series
ug/L	Micro grams per liter or parts per billion
URS	URS Corporation
VCP	Voluntary Cleanup Program
VOC	Volatile Organic Compound

PERIODIC REVIEW REPORT (PRR)

Sovereign Specialty Chemicals, Inc.
177 Ohio Street
Buffalo, Erie County, New York 14203
Site # V00215

1.0 INTRODUCTION

HRP Associates, Inc. (HRP) has prepared this Periodic Review Report (PRR) on behalf of Henkel Corporation (Henkel), formerly known as Sovereign Specialty Chemicals, Inc. (Sovereign), and formerly known as Pierce & Stevens Corporation. This report was prepared to document the implementation of and compliance with the site management requirements associated with Henkel's Buffalo Facility located at 710 Ohio Street, Buffalo, Erie County, New York (Site), Site # V00215, in 2010 (Figure 1). The Site is an anvil shaped parcel of land for which Henkel is seeking an Assignable Release (the Release) from the New York State Department of Environmental Conservation (NYSDEC) under the Voluntary Cleanup Program (VCP). This report is intended to meet the requirements of the Site's Operations, Monitoring and Maintenance (OM&M) Plan and Site Management Plan (SMP) (URS, 2006a; URS, 2006b) as defined in regulation 6 NYCRR 375-1.2.

Historically, on-site remedial activities began in May 2003 on three areas (Area A, Area B, and Area C) which were formerly occupied by above-ground storage tanks (ASTs) that were removed in 1999 as part of a tank farm rehabilitation project. In 2003, contaminated soils were excavated from Areas B and C. The remediation of Area B was completed in 2003 with the excavation. In 2004, a high vacuum extraction (HVE) system was installed along the west wall of the excavation in Area C, where contaminated soils remained due to the proximity of an aboveground tank farm. A HVE system was also installed as a stand-alone treatment for the impacts in Area A, which was not excavated due to the proximity to a nitrogen tank and piping system. Groundwater collection systems were installed in excavations in Areas B and C prior to backfilling with clean material as a measure: 1) to minimize recontamination of clean fill by potentially impacted perched groundwater and 2) to maintain groundwater levels below HVE well screen. According to Annual Current Status Reports, the HVE system and groundwater collection systems ran with limited interruption from 2005 to May 2010. Since 2005 several rounds of remediation effectiveness sampling that consisted of the advancement of soil borings and the collection and analysis of soil samples for volatile organic compounds (VOCs), as well as groundwater sampling and analysis (see Appendix A for Historical Groundwater Analytical Results) from five (5) existing groundwater monitoring wells, has occurred.

In March 2010, the NYSDEC approved the request to discontinue the operation of the Area C remedial system, but required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling.

Annual remediation effectiveness sampling was completed on November 18, 2010 in accordance with the Site's OM&M Plan to evaluate current groundwater conditions.

Effectiveness of the Remedial Program – In 2004, a High Vacuum Extraction (HVE) system, located in Area C, and a groundwater collection system, located in Areas B and C, respectively,

that recovered groundwater from the north and south sumps, performed the remediation of VOC impacts in the soil and groundwater underlying the Site. An annual subsurface investigation was performed on November 22, 2009 to collect confirmatory soil samples to demonstrate the remediation systems effectiveness. The confirmatory soil sample results were below the site-specific total organic compounds (TOC)-adjusted Remedial Action Plan (RAP) cleanup objectives. On March 10, 2010 the NYSDEC approved the request to discontinue system operation, and operation of the systems was discontinued on May 17, 2010.

The November 2010 groundwater sampling event occurred approximately six months after the systems were discontinued. No adverse groundwater impacts were noted in the results of the sampling event and detected groundwater analytes were consistent or less than analytical results from groundwater sampling collected in 2008 and 2009.

Compliance – No areas of non compliance regarding major elements of the Site Management Plan (the Site's Operations, Monitoring and Maintenance (OM&M) Plan and Site Management Plan (SMP) (URS, 2006a; URS, 2006b)) were identified.

Recommendations – Based on our review of historic soil and groundwater analytical data, as well as, the November 2010 groundwater analytical data, rebounding of volatile organics in groundwater is not evident. We are recommending that annual sampling of monitoring wells be discontinued and Henkel be released from its VCP obligations.

2.0 SITE OVERVIEW

The Site is located at 710 Ohio Street, Buffalo, Erie County, New York 14203 (Figure 1). The Site consists of approximately 1.3 acres and is bounded on the south by an east-west line paralleling the northern wall of Building 29, on the north by Rigidized Metals Corp., on the east by railroad tracks, and on the west by Ohio Street. On-site manufacturing operations have ceased. The Site is located approximately 1.5 miles southeast of downtown Buffalo and is located in a highly industrialized corridor on Ohio Street.

Between 1996 and 2003, the Site underwent several site investigations. On-site remedial activities began in May 2003 on three areas (Area A, Area B, and Area C) which were formerly occupied by above-ground storage tanks (ASTs) which were removed in 1999 as part of a tank farm rehabilitation project. The remedial action (RA) was divided into underground and aboveground activities. Underground activities began on May 1, 2003 with site mobilization and continued until August 1, 2003.

Underground activities included excavation of contaminated soils from Areas B and C. An HVE system was installed along the west wall of the excavation in Area C, where contaminated soils remained due to the proximity of an aboveground tank farm. A HVE system was also installed as a stand-alone treatment for the impacts in Area A, which was not excavated due to the proximity to a nitrogen tank and piping system. Based on the pilot test of the HVE system conducted in Area A, five (5) extraction points were installed where necessary. Groundwater collection systems were installed in excavations associated with Areas B and C prior to backfilling with clean material as a measure: 1) to minimize recontamination of clean fill by potentially impacted perched groundwater and 2) to maintain groundwater levels below HVE well screen. Shallow subsurface water under the site is impacted in the areas where the overlaying soil was historically impacted.

Aboveground activities began at the completion of the underground activities and continued until November 2004. At that time the HVE treatment system was completed, the equipment was housed in a temporary shelter, and the electrical power was connected to the treatment building and system. The effluent from the groundwater collection and HVE treatment systems was discharged to the local sanitary sewer under Buffalo Sewer Authority Permit No. 08-03-BU108.

Based on our review of historical reports, URS maintained and monitored the HVE treatment systems in accordance with the Site's OM&M Plan (URS, 2006a). According to Annual Current Status Reports (URS 2007a, 2008a, 2009a, and 2010a), the HVE system and groundwater collection systems ran with limited interruption from 2005 through May 2010. Replacement sump pumps were installed as part of the maintenance of the groundwater collection system in the early part of 2009. Maintenance and monitoring records for the system were maintained by URS Corporation (URS) of Chicago, Illinois on behalf of Henkel.

Remediation effectiveness sampling, consisting of the installation of soil borings and the collection and analysis of soil samples for volatile organics, as well as, groundwater sampling and analysis from five (5) existing groundwater monitoring wells, was performed. The November 2009 remediation effectiveness sampling confirms the results of the May 2005, December 2007, and December 2008 remediation effectiveness sampling in Area A. Specifically, URS completed remediation effectiveness sampling in November 2009 in accordance with the Site's OM&M Plan (URS, 2006a) to evaluate the effectiveness of the HVE system on remaining volatile organic compound (VOC) impacts. Annual sampling locations

focused on "hot spot" areas from previous remediation effectiveness sampling and Area A due to requirements by NYSDEC.

A review of historical soil sampling results indicate that toluene is the primary contaminant of concern, which has remained above site-specific TOC adjusted RAP cleanup objectives in the western edge of Area C, but not in Area A. In order to evaluate whether the current system is remediating the impacted soil, URS collected soil samples in locations that had residual toluene and other VOCs remaining after the soil excavation project of 2003. Remediation effectiveness sampling included:

1) The advancement of four soil borings along the western edge of Area C, one soil boring along the eastern edge of Area C and three soil borings along the center of Area A (which has not had detectable VOCs since 2003);
2) The collection of soil samples from these borings;
3) The collection of groundwater samples from monitoring wells MW-1, MW-2, MW-3R, MW-4 and MW-5 and the two existing sumps; and
4) The collection of a vapor sample from the HVE system.

A total of eight (8) soil samples were collected by URS on November 22, 2009. All soil samples were analyzed for VOCs, leachable sulfate, manganese, and TOC.

Soil samples were compared to the site-specific TOC-adjusted RAP cleanup objectives. These cleanup objectives were established during the RA as presented in the Remedial Action Completion Report (RACR) for Areas A, B, and C (URS, 2006b). In addition, soil samples were compared to soil cleanup objectives for industrial sites established under the Brownfield Cleanup Program (BCP). Results of the 2009 remediation effectiveness sampling event indicted that toluene remains above the site-specific TOC-adjusted cleanup objective, but below the BCP soil cleanup objective of 1,000 mg`kg in soil sample SB-4-09 located along the western edge of Area C. Methylcyclohexane concentrations were above site-specific TOC-adjusted cleanup objectives in soil samples SB-5-09 and SB-6-09. Soil sample SB-5-09 also had a level of cyclohexane above site-specific TOC-adjusted cleanup objectives. BCP soil cleanup objectives have not been established for methylcylcohexane and cyclohexane.

URS also collected groundwater samples on November 23 and 24, 2009 from monitoring wells MW-1, MW-2, MW-3R, MW-4, and MW-5 and the two sumps (See Appendix A for a Summary of Historical Groundwater Analytical Results). All groundwater samples were analyzed for VOCs and leachable sulfate. Groundwater samples were compared to NYSDEC's Division of Water Technical and Operations Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Water Class GA. VOCs were found at levels below ambient water quality standards.

In addition, a vapor sample was collected from the HVE system on January 18, 2010. The sample was analyzed for VOCs. Dichlorodifluoromethane, chloromethane, trichlorofluoromethane, acetone, isopropyl alcohol, methylene chloride, 1,1-dichloroethane, methyl ethyl ketone, benzene, and toluene were detected in the vapor sample. Mass removal calculations indicated 1.074 pounds of volatile organics were removed from the Site during 2009.

Based on the 2009 Remediation Effectiveness sampling event, on March 5, 2010, Henkel submitted a written request to the NYSDEC to discontinue the HVE system. In that letter, Henkel contended that:

- The results of the November 2009 sampling confirm the results of the May 2005, December 2007 and December 2008 Environmental Effectiveness Sampling for VOC impacts at Area A. Area A meets the established cleanup objectives, as such, Henkel requested that the HVE system associated with Area A and any future sampling be discontinued.
- Remediation was deemed complete in Area B after the 2003 remediation activities; therefore, no HVE system was installed in Area B.
- The HVE system continues to remediate toluene impacts at Area C; however, the system has not fully remediated the VOC impacts along the western edge of Area C to concentrations below the site-specific TOC-adjusted RAP cleanup objectives. However, the 2009 results show that toluene is below the Brownfield Cleanup Program (BCP) soil cleanup objective for industrial sites. As such, Henkel requested that the HVE system associated with Area C be discontinued.

In a March 10, 2010 letter to Henkel Corporation, Mr. Martin L. Doster, NYSDEC indicated that the Department approved of the following documents:

- Remedial Action Completion Report (2006)
- Operations, Maintenance and Monitoring Plan (2007)
- Annual Current Conditions Reports (2007, 2008, 2009, 2010)

However, the State noted that the Annual Certification of Institutional/Engineering Controls was not signed as part of the annual report.

Additionally, according to the latest monitoring report, URS has indicated that soil has been remediated to levels that have approached the Site Specific Action Levels. Based upon the representations made in the reports, including the latest groundwater data, the NYSDEC approved the request to discontinue the operation of the Area C remedial system. However, in order to monitor the effects of discontinuing the system, the NYSDEC required the continuation of the groundwater monitoring program as defined in the Operations, Maintenance and Monitoring plan. The frequency of sampling was limited to annual sampling.

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

As pursuant to the NYSDEC's March 10, 2010 letter to Henkel Corporation, soil has been remediated to levels that have approached the Site Specific Action Levels. Based upon representations made in past reports, the NYSDEC approved the request to discontinue the operation of HVE and groundwater recovery system in Area C. The groundwater monitoring frequency was reduced to annual sampling at that time, and the November 2010 groundwater sampling event was conducted as per the Operations, Maintenance and Monitoring Plan (URS 2006a). The November 2010 groundwater sampling event occurred approximately six months after the systems were discontinued. No adverse groundwater impacts were noted in the results of the sampling event and detected groundwater analytes were consistent or less than analytical results from groundwater sampling collected in 2008 and 2009. Based on our findings, the remedy has been effective and the conditions at the Site remain fully protective of public health and the environment.

4.0 INSTITUTIONAL AND/OR ENGINERING CONTROLS PLAN

This report was prepared in accordance with the Certification Guidance for the PRR for the site remedial programs undertaken pursuant to subdivisions 1.2(a) of DER-10, where institutional control/engineering control (IC/EC) certification is to be provided.

Pursuant to the requirements of the NYSDEC VCP and the Site's Declaration of Covenants and Restrictions (URS, 2006a), the Site's remedial system and institutional controls remained intact through 2010. It should be noted, however, as approved by NYSDEC, the HVE system, located in Area C, and a groundwater collection system, located in Areas B and C, was discontinued on May 17, 2010. The Annual Certification of Institutional/Engineering Controls at Voluntary Clean-up Program Site can be found in Appendix B. Conditions at the Site remain fully protective of public health and the environment.

5.0 MONITORING PLAN COMPLIANCE REPORT

Groundwater monitoring was conducted in November 2010 to satisfy the sampling frequency requirement as defined in the March 10, 2010 letter (NYSDEC 2010a) from the NYSDEC. Annual groundwater monitoring consists of the sampling of the five (5) existing monitoring wells (MW-1, MW-2, MW-3R, MW-4, and MW-5). Sampling the north and south sumps was ceased with the discontinuation of the operation of the HVE in Area C. The groundwater monitoring parameters and analytical methods are summarized as follows:

Groundwater

Schedule (1)	Matrix	Parameter	Method	Number of Samples
Annually	Groundwater	TCL VOCs	EPA Method 8260B	Five (5) – Plus one (1) field duplicate and one (1) trip blank
Annually	Groundwater	Water Elevation	NA	Five (5)

5.1 Summary of Monitoring

Groundwater monitoring was conducted on November 18, 2010 and included the collection of groundwater samples from monitoring wells MW-1, MW-2, MW-3R, and MW-5. Monitoring well MW-4 was found to be dry during the sampling event; a sample from MW-4 was not available for analysis. Prior to collecting the samples, depth to groundwater was measured from the notched point on the top of casing of each monitoring well. The water level data, well diameter and depth were used to calculate the volume of water in each well. The wells were then purged of at least three (3) well volumes and sampled following USEPA low-flow techniques, after the well was recharged to 90 percent of original depth to groundwater.

A Field duplicate was collected from MW-1. A trip blank was also submitted to the laboratory. All groundwater samples were analyzed for volatile organic compounds (VOCs) by EPA Method 8260B. Groundwater samples were compared to NYSDEC's Division of Water Technical and Operations Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Water Class GA.

Table 1 (following text) provides a summary of the groundwater sample analytical results for the November 2010 event. Depth to groundwater was measured at the time of sample collection. Table 2 (follows text) provides a summary of groundwater elevations. Figure 2 (follows text) is a groundwater flow map based on the groundwater elevations. Laboratory analytical data can be found in Appendix C.

Groundwater flow was determined to be to the west in the unconsolidated saturated zone towards the Buffalo Outer Harbor. It should be noted that with MW-4 dry, the well array is linear in nature. In general, however, groundwater flow direction is consistent with previous flow direction measurements.

5.2 Comparisons to Remedial Objectives

As shown in Table 1, VOCs were found at levels below ambient water quality standards. MW-1 and the field duplicate of groundwater monitoring well MW-1 had levels of chloroethane above TOGS 1.1.1 groundwater effluent limitations. Concentrations of chloroethane were 7.1 ug/L and 6.8 ug/L, respectively.

5.3 Monitoring Deficiencies

No monitoring deficiencies were noted. However, The following should be noted:

- At some point after the 2009 groundwater monitoring event, a snow plow presumably damaged the collar of monitoring well MW-1. HRP inspected the well and determined it's integrity had not been compromised. The well was repaired on October 25, 2010 (see Appendix D for photograph)
- Monitoring well MW-4 was found to be dry during the sampling event and thus, a sample from MW-4 was not collected and submitted for analysis.

5.4 Quality Assurance / Quality Control Samples

A data review was completed in accordance with NYSDEC's guidance for the development of Data Usability Summary Reports (DUSRs). All analytical results are considered usable based on the Quality Control (QC) information provided by the laboratory. The laboratory followed industry-accepted test methods and performed standard QC analyses as required by the referenced methods (USEPA, 1998). Some sample results were reported with elevated reporting limits. These results are judged usable for quantitative purposes; however, the elevated reporting limits may prevent conclusive confirmation that the target contaminants of concern (COCs) are not present at a specific location if the reporting limit is above the associated risk screening level.

Based on the assessment some analytical results were qualified as estimated (flagged with a "J" (estimated) or "UJ" (estimated and below detection limits)) due to laboratory QC results outside of laboratory control limits. Additionally, some results were revised to non-detect results (flagged as "U" (below detection limits) at the reported value) due to the presence of the chemical in the associated method blank.

5.5 Conclusions and Recommendations for Improvements

The 2010 groundwater monitoring event indicated that low levels of VOCs were present in monitoring well MW-1 and the field duplicate taken from MW-1. VOC impacts were not present in the down gradient monitoring well MW-3R, indicating the impacts are not migrating off-site.

Based on our review of analytical data from groundwater monitoring events from 2005 to 2010, an overall decreasing trend in dissolved-phase targets compounds concentrations is observed at the Site due to the previously mentioned remedial efforts of Henkel, as well as presumed, ongoing natural attenuation. In addition, detected groundwater analytes in 2010 were consistent or less than analytical

results from groundwater sampling collected in 2008 and 2009. A historical summary of the groundwater impacts can be found in Appendix A.

No adverse groundwater impacts were noted in the results of the sampling event and Pursuant to the requirements of the NYSDEC VCP and the Site's Declaration of Covenants and Restrictions (URS, 2006a), the Site's remedial system and institutional controls remained intact, but shutdown starting in May 2010. The Annual Certification of Institutional: Engineering Controls at Voluntary Clean-up Program Site can be found in Appendix B. Conditions at the Site remain fully protective of public health and the environment.

Based of the latest round of groundwater monitoring (November 18, 2010) and historical soil and groundwater sample results all cleanup criteria relating to satisfactory VCP site-specific cleanup levels have been met. As such, we are recommending that annual sampling of monitoring wells be discontinued and Henkel be released from further VCP obligations.

6.0 OPERATIONS AND MAINTENANCE PLAN COMPLIANCE REPORT

6.1 Summary of O&M Completed During Reporting Period

As documented in their July 28, 2010 letter (URS 2010b) to Henkel Corporation, URS Corporation (URS) completed decommissioning activities to discontinue operation of the high vacuum extraction (HVE) and groundwater collection systems at the Site. A summary of closure activities as described by URS is provided below. Between May 17 and June 18, 2010, URS completed actions to permanently close the remediation system pending final closure from the NYSDEC. At that time, URS reported taking several steps necessary to ensure restart of the remediation system, if necessary, at a later date according to H2K, Inc., the system designer. The five (5) steps included:

1. Draining water from the remediation system to prevent freezing pipes,
2. Removing the north and south sumps located in Areas "B" and "C", respectively,
3. Cleaning of all equipment to prevent biogrowth
4. Removing and disposing of the liquid and vapor phase carbon, and
5. Turning the main disconnect switch to the off position.

URS completed a cleaning of the systems and a total of nineteen drums were filled and disposed of by ESG at the American Recyclers Corporation in Tonawanda, New York during the cleaning of the systems. While scraping the carbon out of the liquid phase carbon vessels ESG noted the presence of approximately one (1) millimeter thick slit like holes at the bottom of the vessels. URS has not observed leakage from these vessels and the holes appear to be from the wear and tear of the system. If Henkel elects to restart the system these holes may need to be repaired prior to placing carbon in the vessels.

URS removed the pumps from the sumps located in Areas B and C. (north and south sumps, respectively). Both pumps are functional and were placed inside the equipment trailer. On June 18, 2010 URS personnel completed the shutdown of the HVE and groundwater collection systems. The treatment trailer was cleaned and the oil was changed in the blower. The bag filter cages were left out of the housings and the housings were left open to prevent the accumulation of moisture. Pipe between the lead and lag vapor phase carbon vessels was reattached. The side hatches were left off of the liquid phase carbon vessels to prevent the accumulation of moisture. Some bolts remain off the tops of the carbon vessels. These bolts are difficult to attach and are only necessary if sealing the vessel shut. The vessels remain secured to the ground. The knockout pot was emptied. URS personnel confirmed that water is not present in the aboveground components of the systems. All trash and remedial waste has been removed from the site. The treatment trailer was locked.

6.2 Evaluation of Remedial Systems

Based on HRP's September 28, 2010 site inspection and November 18, 2010 groundwater monitoring event, the remedial system appears decommissioned and secure as previously described in the URS closure report (URS 2010b).

6.3 O&M Deficiencies

No O&M deficiencies were reported to Henkel during the reporting period.

6.4 Conclusions and Recommendations

As approved by the NYSDEC, HVE system and groundwater collection systems have been shutdown. The remedial system appears decommissioned and secure as previously described. Based on the November 2010 groundwater sampling event, re-activation on the HVE and groundwater collection systems is not recommended.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The November 18, 2010 remediation effectiveness sampling confirms the results of the May 2005, December 2007, December 2008, and November 2009 remediation effectiveness sampling across the site. Results from the sampling event indicate the majority of priority-target contaminants are non-detect in groundwater, with the exception of Chloroethane [7.1 micrograms per liter (ug/L)]. In addition, target contaminants of previous sampling events indicate residual contamination is below current cleanup objectives associated with industrial sites. An overall decreasing trend in dissolved-phase target compound concentrations is observed at the Site due to the previously mentioned remedial efforts of Henkel as well as presumed, ongoing natural attenuation and other processes. Groundwater was monitored for potential rebound in November 2010 following system shutdown. No evidence of rebound was noted during this sampling event.

Pursuant to the requirements of the NYSDEC VCP and the Site's Declaration of Covenants and Restrictions (URS, 2006a), the Site's remedial system and institutional controls remained intact for 2010. The Annual Certification of Institutional/Engineering Controls at Voluntary Clean-up Program Site can be found in Appendix B. Conditions at the Site remain fully protective of public health and the environment.

Based on our review of historic soil and groundwater analytical data, as well as the November 2010 groundwater analytical data, rebounding of volatile organics in groundwater is not evident. No adverse groundwater impacts were noted in the results of the 2010 groundwater sampling event and detected groundwater analytes were consistent or less than analytical results from groundwater sampling collected in 2008 and 2009. As such, we are recommending that annual sampling of monitoring wells be discontinued and Henkel be released for its VCP obligations.

8.0 REFERENCES

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TABLE 1
Summary of Groundwater Sample Analytical Results
TCL VOCs by EPA Method 8260B
Sovereign Specialty Chemicals, Inc.
Buffalo, New York
All values are in ug/L

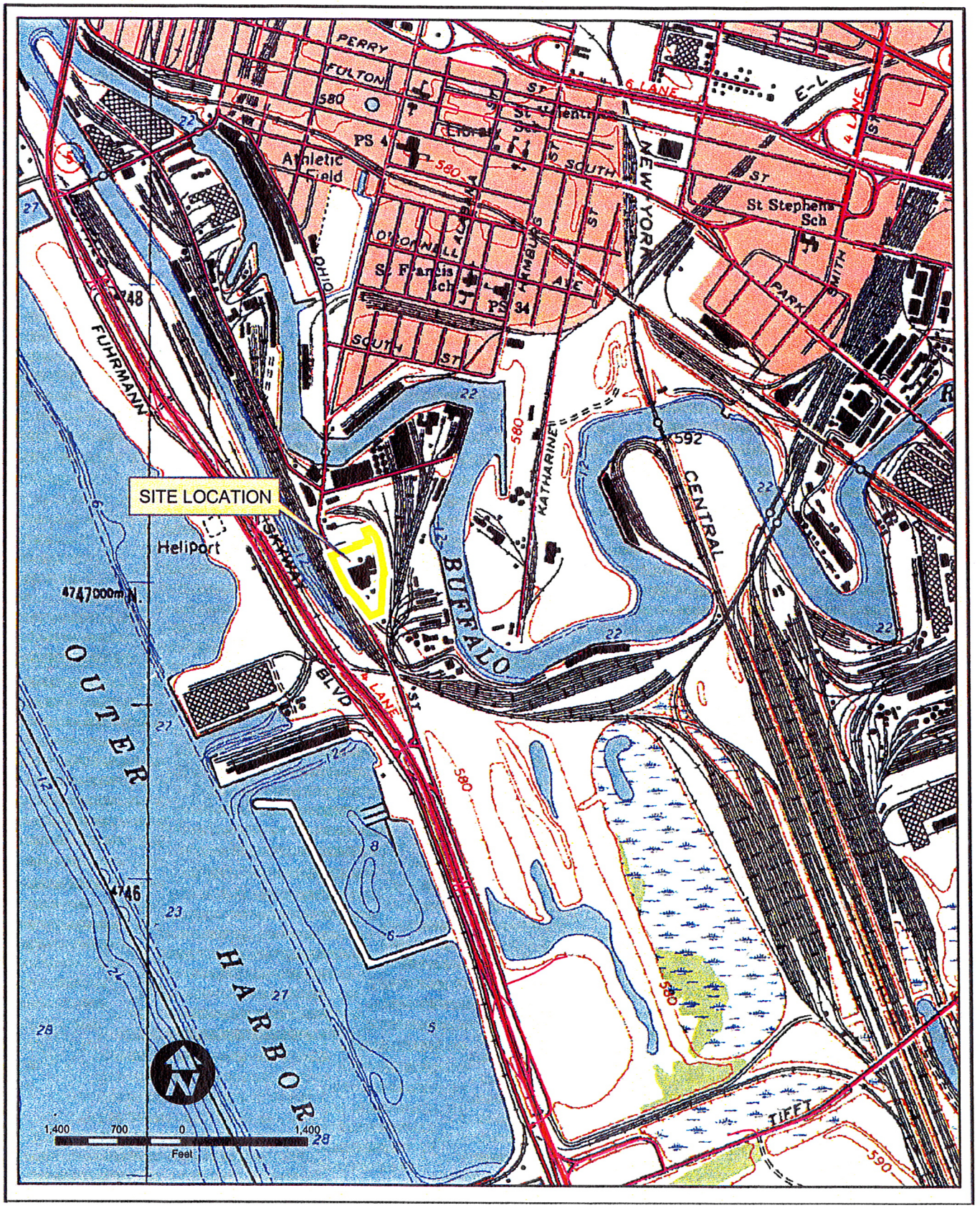
Parameters	NYSDEC Class GA Criteria	MW-1	MW-2	MW-3R	MW-4	MW-5	X-1 (MW-1 Dup)	Trip Blank
		11/18/2010	11/18/2010	11/18/2010	11/18/2010	11/18/2010	11/18/2010	11/18/2010
		1	1	1	1	1	1	1
1,1,1-Trichloroethane	5	ND	ND	ND	NS	ND	ND	ND
1,1,2,2-Tetrachloroethane	5	ND	ND	ND	NS	ND	ND	ND
1,1,2-Trichloroethane	1	ND	ND	ND	NS	ND	ND	ND
1,1,2-Trichlorotrifluoroethane (freon 113)	5	ND	ND	ND	NS	ND	ND	ND
1,1-Dichloroethane	5	ND	**0.91 J**	ND	NS	ND	ND	ND
1,1-Dichloroethene	5	ND	ND	ND	NS	ND	ND	ND
1,2,4-Trichlorobenzene	5	ND	ND	ND	NS	ND	ND	ND
1,2,4 -Trimethylbenzene	5	ND	ND	ND	NS	ND	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND	ND	NS	ND	ND	ND
1,2-Dibromoethane (EDB)	NE	ND	ND	ND	NS	ND	ND	ND
1,2-Dichlorobenzene	4.7	ND	ND	ND	NS	ND	ND	ND
1,2-Dichloroethane	0.6	ND	ND	ND	NS	ND	ND	ND
1,2-Dichloropropane	1	ND	ND	ND	NS	ND	ND	ND
1,3,5 -Trimethylbenzene	5	ND	ND	ND	NS	ND	ND	ND
1,3-Dichlorobenzene	5	ND	ND	ND	NS	ND	ND	ND
1,4-Dichlorobenzene	5	ND	ND	ND	NS	ND	ND	ND
1,4 -Dioxane	NE	ND	ND	ND	NS	**34 J**	ND	ND
2-Butanone (MEK)	50	ND	ND	ND	NS	ND	ND	ND
2-Hexanone (Methyl butyl ketone/MBK)	50	ND	ND	ND	NS	ND	ND	ND
4-Isopropyltoluene	5	ND	ND	ND	NS	ND	ND	ND
4-Methyl-2-Pentanone	NE	ND	ND	ND	NS	ND	ND	ND
Acetone	50	ND	ND	ND	NS	ND	ND	ND
Benzene	1	ND	ND	ND	NS	ND	ND	ND
Bromodichloromethane	50	ND	ND	ND	NS	ND	ND	ND
Bromoform	50	ND	ND	ND	NS	ND	ND	ND
Bromomethane	5	ND	ND	ND	NS	ND	ND	ND
Carbon disulfide	60	ND	ND	ND	NS	ND	ND	ND
Carbon tetrachloride	5	ND	ND	ND	NS	ND	ND	ND
Chlorobenzene	5	ND	ND	ND	NS	ND	ND	ND
Chlorodibromomethane	5	ND	ND	ND	NS	ND	ND	ND
Chloroethane	5	**7.1**	ND	ND	NS	**0.77 J**	**6.8**	ND
Chloroform	7	ND	ND	ND	NS	ND	ND	ND
Chloromethane	NE	ND	ND	ND	NS	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	NS	ND	ND	ND
cis-1,3-Dichloropropene	NE	ND	ND	ND	NS	ND	ND	ND
Cyclohexane	NE	ND	ND	ND	NS	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	NS	ND	ND	ND
Ethylbenzene	5	ND	ND	ND	NS	ND	ND	ND
Isopropylbenzene	5	ND	ND	ND	NS	ND	ND	ND
Methyl Acetate	NE	ND	ND	ND	NS	ND	ND	ND
Methyl tert-Butyl Ether	5	ND	ND	ND	NS	ND	ND	ND
Methylcyclohexane	NE	**7.0**	ND	ND	NS	ND	**7.5**	ND
Methylene chloride	5	ND	ND	ND	NS	ND	ND	ND
Naphthalene	10	ND	ND	ND	NS	ND	ND	ND
n-Butylbenzene	5	ND	ND	ND	NS	ND	ND	ND
n-Propylbenzene	5	ND	ND	ND	NS	ND	ND	ND
sec-Butylbenzene	5	ND	ND	ND	NS	ND	ND	ND
Styrene	5	ND	ND	ND	NS	ND	ND	ND
tert-Butylbenzene	5	ND	ND	ND	NS	ND	ND	ND
Tetrachloroethene	0.7	ND	ND	ND	NS	ND	ND	ND
Toluene	5	ND	ND	ND	NS	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	ND	ND	NS	ND	ND	ND
trans-1,3-Dichloropropene	0.4	ND	ND	ND	NS	ND	ND	ND
Trichloroethene	5	ND	ND	ND	NS	ND	ND	ND
Trichlorofluoromethane	5	ND	ND	ND	NS	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	NS	ND	ND	ND
Xylenes, total	5	ND	ND	ND	NS	ND	ND	ND

A bold cell indicates the compound was detetcted above labortaory reporting limits
A Highlighted cell indicates the compound was reported above guidance values
NE = Not Established
NS = Not Sampled
J = Analyte detected at level less than the Reporting Limit (RL) and
greater than or equal to the Method Detection Limit (MDL).
Concentrations within this range are estimated
µg/L = micrograms/Liter ≈ ppb (parts per billion)

Table 2
Relative Groundwater Elevations
Henkel Corporation
Sovereign Specialty Chemicals, Inc.
Buffalo, New York

			December 2007		December 2008		November 2009		November 2010	
Well ID	**Units**	**Casing Elevation**	**Depth to Water[1]**	**GW Elevation**	**Depth to Water[2]**	**GW Elevation**	**Depth to Water[3]**	**GW Elevation**	**Depth to Water[4]**	**GW Elevation**
MW-1	feet	580.95	3.31	577.64	2.93	578.02	3.24	577.71	5.08	575.87
MW-2	feet	581.27	4.33	576.94	3.86	577.41	4.15	577.12	5.90	575.37
MW-3R	feet	580.37	10.26	570.11	8.22	572.15	9.23	571.14	10.00	570.37
MW-4	feet	584.6	7.11	577.49	7.3	577.3	6.95	577.65	Dry	Dry
MW-5	feet	581.91	4.22	577.69	4.5	577.41	4.07	577.84	6.13	575.78

Notes:
[1] Depth to water collected December 19-21, 2007 (URS)
[2] Depth to water collected December 23-30, 2008 (URS)
[3] Depth to water collected November 23-24, 2009 (URS)
[4] Depth to water collected November 18, 2010 (HRP)
Dry - No groundwater found in the well



HRP Associates, Inc.

Creating the Right Solutions Together

Figure 1 - Site Location
Henkel Corporation
710 Ohio Road
Buffalo, New York

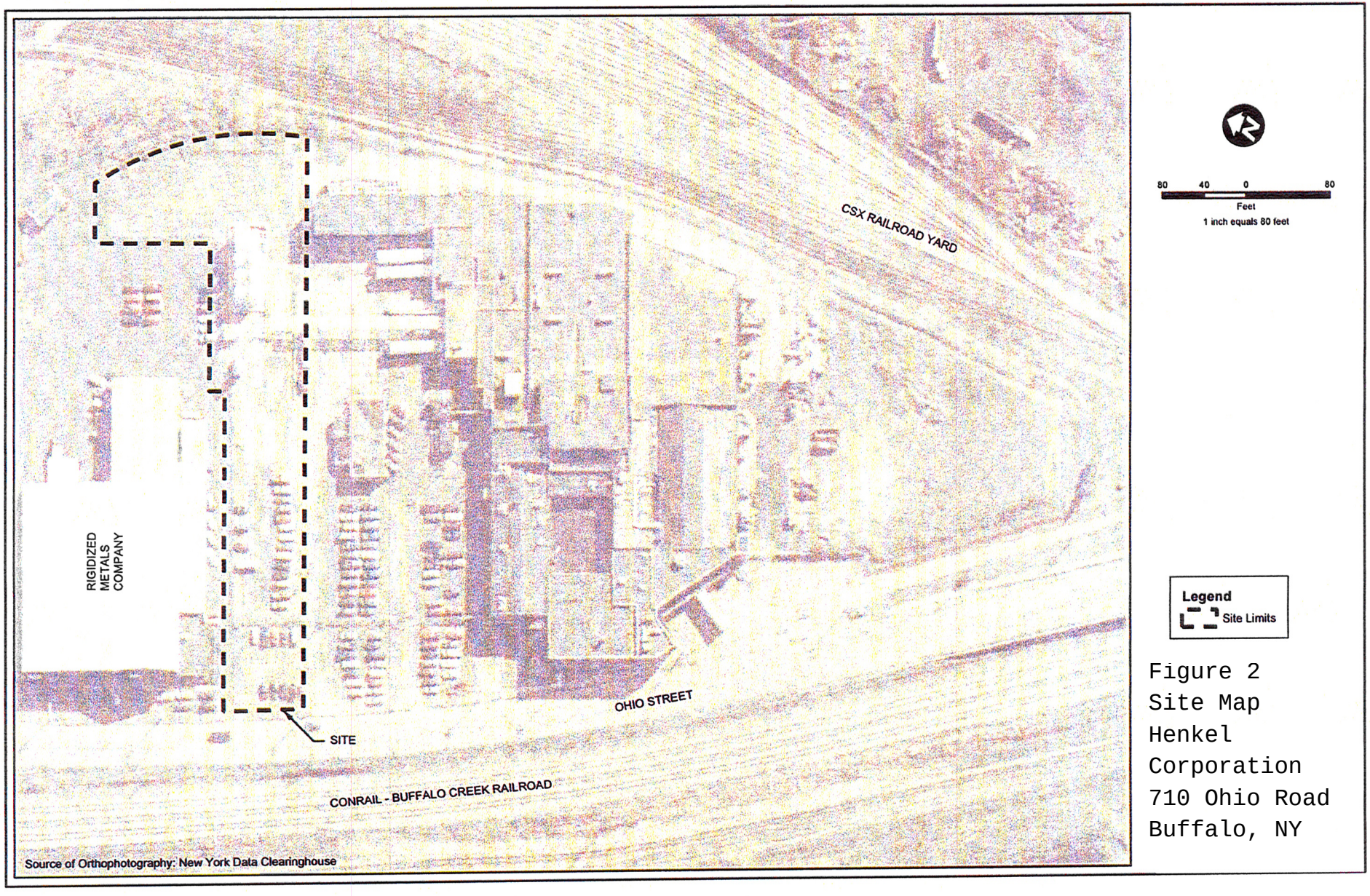
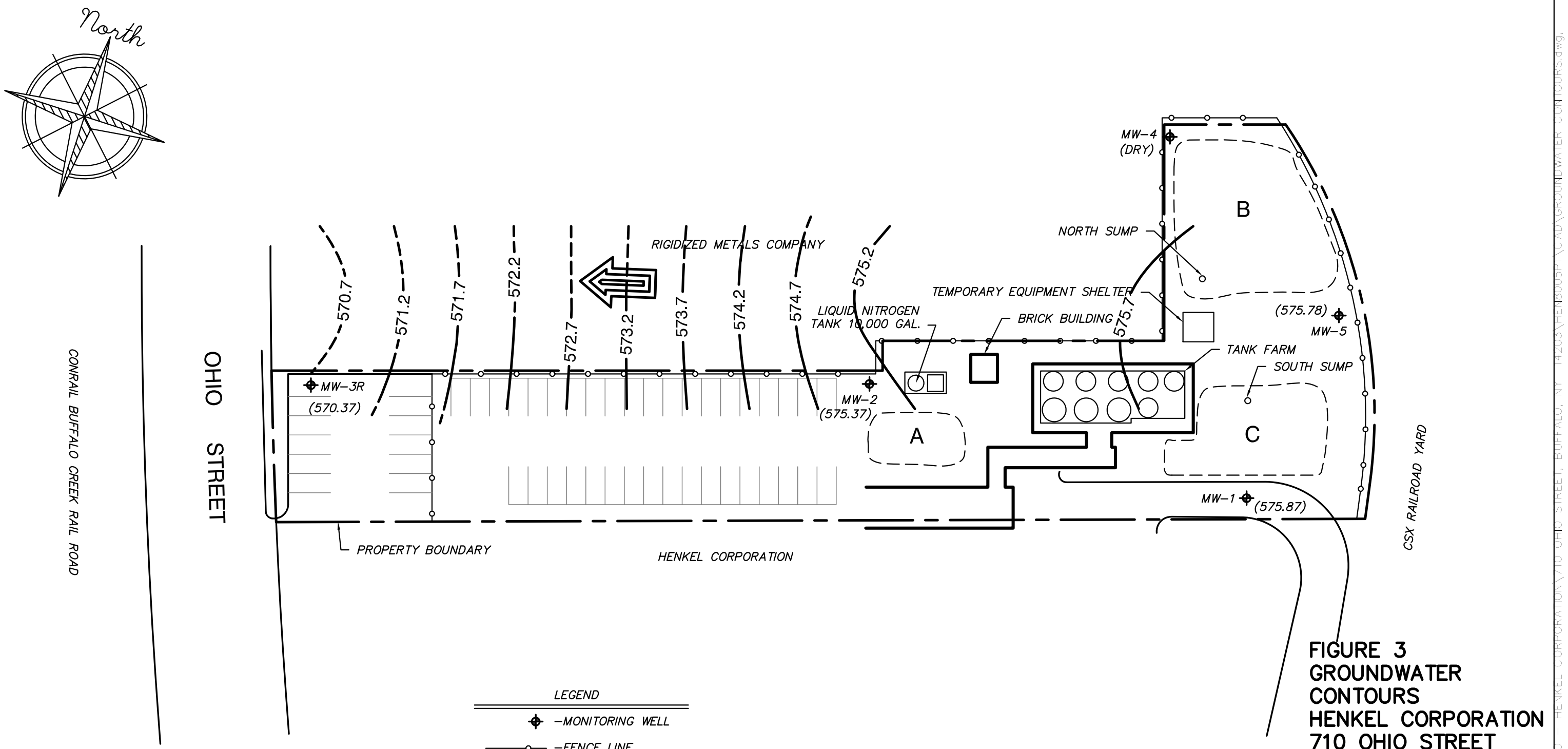


Figure 2
Site Map
Henkel
Corporation
710 Ohio Road
Buffalo, NY



LEGEND

- MONITORING WELL
- FENCE LINE
- 572.2 – GROUNDWATER CONTOUR (DASHED WHERE INFERRED)
- GROUNDWATER FLOW DIRECTION

50 0 25 50

APPROXIMATE SCALE
(1" = 50')

FIGURE 3
GROUNDWATER CONTOURS
HENKEL CORPORATION
710 OHIO STREET
BUFFALO, NY
HRP# HEN8005.P1
SCALE: 1" = 50'

HRP Associates, Inc.
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APPENDIX A
HISTORICAL GROUNDWATER SAMPLING ANALYTICAL RESULTS

Table 1-2
Summary of Groundwater TOGS 1.1.1 Exceedances
For the Period Beginning 2006 and Ending 2009
Annual Current Conditions Report
Henkel Corporation
Buffalo, New York

PARAMETER	Units	T.O.G.S. 1.1.1	MW-1					MW-2	North Sump		South Sump	
			8/29/2006	12/19/2007	12/19/2007 - FD	12/29/2008	12/29/2008 - FD	8/29/2006	8/29/2006	12/29/2008	8/29/2006	12/19/2007
Chloromethane	ug/L	**N.E.**	1 U	1 U	1 U	0.3 U	0.3 U	1 U	5 U	0.3 U	1 U	1 U
Bromomethane	ug/L	**5**	1 UJ	1 U	1 U	0.3 U	0.3 U	1 UJ	5 UJ	0.3 U	1 UJ	1 U
Vinyl Chloride	ug/L	**2**	**0.9 J**	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	**0.6 J**	1 U
Chloroethane	ug/L	**5**	**84 J**	**32**	**35**	**18**	**17**	1 UJ	**8 J**	**7**	**61 J**	**9**
Methylene Chloride	ug/L	**5**	0.7 UJ	1 U	1 U	0.4 UJ	0.4 UJ	1 UJ	4 UJ	0.4 UJ	1 UJ	1 U
Acetone	ug/L	**50**	**4 J**	**6**	**5**	1 U	1 U	**3 J**	25 UJ	1 U	**2 J**	**7**
Carbon Disulfide	ug/L	**N.E.**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
1,1-Dichloroethene	ug/L	**5**	1 U	1 U	1 U	0.3 U	0.3 U	1 U	5 U	0.3 U	1 U	1 U
1,1-Dichloroethane	ug/L	**5**	**5**	**1**	**1**	0.8 U	0.8 U	**6**	5 U	0.8 U	**9**	**0.6 J**
Chloroform	ug/L	**7**	1 U	1 U	1 U	0.3 U	0.3 U	1 U	5 U	0.3 U	1 U	1 U
1,2-Dichloroethane	ug/L	**0.6**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
2-Butanone	ug/L	**N.E.**	5 U	**7**	**5**	1 U	1 U	5 U	25 U	1 U	5 U	5 U
1,1,1-Trichloroethane	ug/L	**5**	1 U	1 U	1 U	0.3 U	0.3 U	**4**	5 U	0.3 U	1 U	1 U
Carbon Tetrachloride	ug/L	**5**	1 U	1 U	1 U	0.3 U	0.3 U	1 U	5 U	0.3 U	1 U	1 U
Bromodichloromethane	ug/L	**50**	1 U	1 U	1 U	0.4 U	0.4 U	1 U	5 U	0.4 U	1 U	1 U
1,2-Dichloropropane	ug/L	**1**	1 U	1 U	1 U	0.1 U	0.1 U	1 U	5 U	0.1 U	1 U	1 U
cis-1,3-Dichloropropene	ug/L	**N.E.**	1 U	1 U	1 U	0.4 U	0.4 U	1 U	5 U	0.4 U	1 U	1 U
Trichloroethene	ug/L	**5**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
Dibromochloromethane	ug/L	**50**	1 U	1 U	1 U	0.3 U	0.3 U	1 U	5 U	0.3 U	1 U	1 U
1,1,2-Trichloroethane	ug/L	**1**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
Benzene	ug/L	**1**	**12**	**3**	**3**	**0.7**	**0.7**	1 U	5 U	0.2 U	**2**	1 U
trans-1,3-Dichloropropene[b]	ug/L	**0.4**	**1 U**	1 U	1 U	0.4 U	0.4 U	**1 U**	**5 U**	0.4 U	**1 U**	1 U
Bromoform	ug/L	**50**	1 UJ	1 U	1 U	0.2 U	0.2 U	1 UJ	5 UJ	0.2 U	1 UJ	1 U
4-Methyl-2-pentanone	ug/L	**N.E.**	5 U	5 U	5 U	0.9 U	0.9 U	5 U	25 U	0.9 U	5 U	5 U
2-Hexanone	ug/L	**50**	5 U	5 U	5 U	1 U	1 U	5 U	25 U	1 U	5 U	5 U
Tetrachloroethene	ug/L	**5**	1 U	1 U	1 U	0.4 U	0.4 U	1 U	5 U	0.4 U	1 U	1 U
Toluene	ug/L	**5**	**2**	1 U	1 U	0.5 U	0.5 U	1 U	5 U	0.5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	ug/L	**5**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
Clorobenzene	ug/L	**5**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
Ethylbenzene	ug/L	**5**	**0.6 J**	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
Styrene	ug/L	**5**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
Total Xylenes[a]	ug/L	**5**	**2 J**	3 U	3 U	0.9 U	0.9 U	3 U	**15 U**	0.9 U	3 U	3 U
Dichlorodifluoromethane	ug/L	**5**	1 U	1 U	1 U	0.3 U	0.3 U	1 U	5 U	0.3 U	1 U	1 U
Trichlorofluoromethane	ug/L	**5**	1 UJ	1 U	1 U	0.2 U	0.2 U	1 UJ	5 UJ	0.2 U	1 UJ	1 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	**5**	1 UJ	1 U	1 U	0.3 U	0.3 U	1 UJ	5 UJ	0.3 U	1 UJ	1 U
trans-1,2-Dichloroethene	ug/L	**5**	**2**	1 U	1 U	0.1 U	0.1 U	1 U	5 U	0.1 U	**0.7 J**	1 U
Methyl-t-Butyl Ether (MTBE)	ug/L	**N.E.**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
cis-1,2-Dichloroethene	ug/L	**5**	**3**	**0.5 J**	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	**1**	1 U
Cyclohexane	ug/L	**N.E.**	**17**	**10**	**9**	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
Methylcyclohexane	ug/L	**N.E.**	**25**	**16**	**15**	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	**3**
1,2-Dibromoethane	ug/L	**N.E.**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
Isopropylbenzene	ug/L	**5**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
1,3-Dichlorobenzene	ug/L	**3**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
1,4-Dichlorobenzene	ug/L	**3**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
1,2-Dichlorobenzene	ug/L	**3**	1 U	1 U	1 U	0.2 U	0.2 U	1 U	5 U	0.2 U	1 U	1 U
1,2-Dibromo-3-chloropropane	ug/L	**0.04**	1 UJ	1 U	1 U	1 U	1 U	1 UJ	5 UJ	1 U	1 UJ	1 U
1,2,4-Trichlorobenzene	ug/L	**5**	1 U	1 U	1 U	0.4 U	0.4 U	1 U	5 U	0.4 U	1 U	1 U
Methyl Acetate	ug/L	**N.E.**	1 UJ	1 U	1 U	0.2 UJ	0.2 UJ	1 UJ	5 UJ	0.2 UJ	1 UJ	1 U

Notes:
[a] Remediation objective for 1,2-Xylene; 1,3-Xylene; and 1,4-Xylene is used.
[b] Remediation objective for 1,3-Dichloropropene is used.
FD = Field Duplicate
N.E. = Not Established
ug/L = microgram per liter
J = Indicates the compound concentration was estimated the result was below the sample reporting limit or quality control criteria were not met.
U = Indicates the compound was not detected above the laboratory detection limit and/or was detected in the blank.
A highlighted cell indicates the compound was reported above T.O.G.S. 1.1.1 Ambient Water Quality Standards and Guidance Values.
A bold cell indicates the compound was detected above the laboratory reporting limit.

Table taken from report URS 2010a.

Table 3-2
Groundwater Analytical Results
November 2009
Annual Current Conditions Report
Henkel Corporation
Buffalo, New York

PARAMETER	Units	T.O.G.S. 1.1.1	MW-1[1]	MW-2[1]	MW-3R[1]	MW-4[2]	MW-5[2]
1,1,1-Trichloroethane	ug/L	**5**	1.00 U	**3.00**	1.00 U	1.00 U	1.00 U
1,1,2,2-Tetrachloroethane	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1,2-Trichloroethane	ug/L	**1**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,1-Dichloroethane	ug/L	**5**	1.00 U	**3.60**	1.00 U	1.00 U	**0.79 J**
1,1-Dichloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2,4-Trichlorobenzene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dibromo-3-chloropropane	ug/L	**0.04**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dibromoethane	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	ug/L	**3**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,2-Dichloroethane	ug/L	**0.6**	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ
1,2-Dichloropropane	ug/L	**1**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene	ug/L	**3**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
1,4-Dichlorobenzene	ug/L	**3**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
2-Butanone	ug/L	**N.E.**	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
2-Hexanone	ug/L	**50**	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
4-Methyl-2-pentanone	ug/L	**N.E.**	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Acetone	ug/L	**50**	5.00 U	5.00 U	5.00 U	5.00 U	5.00 U
Benzene	ug/L	**1**	**0.53 J**	1.00 U	1.00 U	1.00 U	1.00 U
Bromodichloromethane	ug/L	**50**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Bromoform	ug/L	**50**	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ
Bromomethane	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon Disulfide	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Carbon Tetrachloride	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloroethane	ug/L	**5**	**2.60**	1.00 U	1.00 U	1.00 U	**0.50 J**
Chloroform	ug/L	**7**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Chloromethane	ug/L	**N.E.**	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ
cis-1,2-Dichloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
cis-1,3-Dichloropropene	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Clorobenzene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Cyclohexane	ug/L	**N.E.**	**1.80**	1.00 U	1.00 U	1.00 U	1.00 U
Dibromochloromethane	ug/L	**50**	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ
Dichlorodifluoromethane	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Ethylbenzene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Isopropylbenzene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl Acetate	ug/L	**N.E.**	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ
Methylcyclohexane	ug/L	**N.E.**	**0.60 J**	1.00 U	1.00 U	1.00 U	1.00 U
Methylene Chloride	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Methyl-t-Butyl Ether (MTBE)	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Styrene	ug/L	**5**	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ	1.00 UJ
Tetrachloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Toluene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Total Xylenes[a]	ug/L	**5**	2.00 U	2.00 U	2.00 U	2.00 U	2.00 U
trans-1,2-Dichloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene[b]	ug/L	**0.4**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Trichlorofluoromethane	ug/L	**5**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Vinyl Chloride	ug/L	**2**	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U
Leachable Sulfate	mg/L	**N.E.**	5.00 U	**91.20**	5.00 U	5.00 U	5.00 U

Notes:

[1] Groundwater sample collected November 24, 2009.

[2] Groundwater sample collected November 23, 2009.

[3] Duplicate sample collected from MW-4 on December 29, 2008.

[a] Remediation objective for 1,2-Xylene; 1,3-Xylene; and 1,4-Xylene is used.

[b] Remediation objective for 1,3-Dichloropropene is used.

N.E. = Not Established

ug/L = microgram per liter

J = Indicates the compound concentration was estimated the result was below the sample reporting limit or quality control criteria were not met.

U = Indicates the compound was not detected above the laboratory detection limit and/or was detected in the blank.

A highlighted cell indicates the compound was reported above T.O.G.S. 1.1.1 Ambient Water Quality Standards and Guidance Values.

A bold cell indicates the compound was detected above the laboratory method detection limit.

Table taken from
URS 2010a

Table 3-2
Groundwater Analytical Results
November 2009
Annual Current Conditions Report
Henkel Corporation
Buffalo, New York

PARAMETER	Units	T.O.G.S. 1.1.1	North Sump[1]	South Sump[1]	Field Duplicate[3]
1,1,1-Trichloroethane	ug/L	**5**	1.00 U	1.00 U	1.00 U
1,1,2,2-Tetrachloroethane	ug/L	**5**	1.00 U	1.00 U	1.00 U
1,1,2-Trichloro-1,2,2-trifluoroethane	ug/L	**5**	1.00 U	1.00 U	1.00 U
1,1,2-Trichloroethane	ug/L	**1**	1.00 U	1.00 U	1.00 U
1,1-Dichloroethane	ug/L	**5**	**1.40**	**0.61 J**	1.00 U
1,1-Dichloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U
1,2,4-Trichlorobenzene	ug/L	**5**	1.00 U	1.00 U	1.00 U
1,2-Dibromo-3-chloropropane	ug/L	**0.04**	1.00 U	1.00 U	1.00 U
1,2-Dibromoethane	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U
1,2-Dichlorobenzene	ug/L	**3**	1.00 U	1.00 U	1.00 U
1,2-Dichloroethane	ug/L	**0.6**	1.00 UJ	1.00 UJ	1.00 UJ
1,2-Dichloropropane	ug/L	**1**	1.00 U	1.00 U	1.00 U
1,3-Dichlorobenzene	ug/L	**3**	1.00 U	1.00 U	1.00 U
1,4-Dichlorobenzene	ug/L	**3**	1.00 U	1.00 U	1.00 U
2-Butanone	ug/L	**N.E.**	5.00 U	5.00 U	5.00 U
2-Hexanone	ug/L	**50**	5.00 U	5.00 U	5.00 U
4-Methyl-2-pentanone	ug/L	**N.E.**	5.00 U	5.00 U	5.00 U
Acetone	ug/L	**50**	5.00 U	5.00 U	5.00 U
Benzene	ug/L	**1**	1.00 U	1.00 U	1.00 U
Bromodichloromethane	ug/L	**50**	1.00 U	1.00 U	1.00 U
Bromoform	ug/L	**50**	1.00 UJ	1.00 UJ	1.00 UJ
Bromomethane	ug/L	**5**	1.00 U	1.00 U	1.00 U
Carbon Disulfide	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U
Carbon Tetrachloride	ug/L	**5**	1.00 U	1.00 U	1.00 U
Chloroethane	ug/L	**5**	1.00 U	1.00 U	1.00 U
Chloroform	ug/L	**7**	1.00 U	1.00 U	1.00 U
Chloromethane	ug/L	**N.E.**	1.00 UJ	1.00 UJ	1.00 UJ
cis-1,2-Dichloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U
cis-1,3-Dichloropropene	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U
Clorobenzene	ug/L	**5**	1.00 U	1.00 U	1.00 U
Cyclohexane	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U
Dibromochloromethane	ug/L	**50**	1.00 UJ	1.00 UJ	1.00 UJ
Dichlorodifluoromethane	ug/L	**5**	1.00 U	1.00 U	1.00 U
Ethylbenzene	ug/L	**5**	1.00 U	1.00 U	1.00 U
Isopropylbenzene	ug/L	**5**	1.00 U	1.00 U	1.00 U
Methyl Acetate	ug/L	**N.E.**	1.00 UJ	1.00 UJ	1.00 UJ
Methylcyclohexane	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U
Methylene Chloride	ug/L	**5**	1.00 U	1.00 U	1.00 U
Methyl-t-Butyl Ether (MTBE)	ug/L	**N.E.**	1.00 U	1.00 U	1.00 U
Styrene	ug/L	**5**	1.00 UJ	1.00 UJ	1.00 UJ
Tetrachloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U
Toluene	ug/L	**5**	1.00 U	1.00 U	1.00 U
Total Xylenes[a]	ug/L	**5**	2.00 U	2.00 U	2.00 U
trans-1,2-Dichloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U
trans-1,3-Dichloropropene[b]	ug/L	**0.4**	1.00 U	1.00 U	1.00 U
Trichloroethene	ug/L	**5**	1.00 U	1.00 U	1.00 U
Trichlorofluoromethane	ug/L	**5**	1.00 U	1.00 U	1.00 U
Vinyl Chloride	ug/L	**2**	1.00 U	1.00 U	1.00 U
Leachable Sulfate	mg/L	**N.E.**	**131.00**	**59.40**	5.00 U

Notes:

[1] Groundwater sample collected November 24, 2009.

[2] Groundwater sample collected November 23, 2009.

[3] Duplicate sample collected from MW-4 on December 29, 2008.

[a] Remediation objective for 1,2-Xylene; 1,3-Xylene; and 1,4-Xylene is used.

[b] Remediation objective for 1,3-Dichloropropene is used.

N.E. = Not Established

ug/L = microgram per liter

J = Indicates the compound concentration was estimated the result was below the sample reporting limit or quality control criteria were not met.

U = Indicates the compound was not detected above the laboratory detection limit and/or was detected in the blank.

A highlighted cell indicates the compound was reported above T.O.G.S. 1.1.1 Ambient Water Quality Standards and Guidance Values.

A bold cell indicates the compound was detected above the laboratory method detection limit.

Table taken from
URS 2010a

APPENDIX B

ANNUAL CERTIFICATION OF INSTITUTIONAL/ENGINEERING CONTROLS AT VOLUNTARY CLEAN-UP PROGRAM SITE

Enclosure 1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **V00215**

Site Name Sovereign Specialty Chemicals, Inc.

Site Address: 710 OHIO STREET Zip Code: 14203
City/Town: Buffalo
County: Erie
Site Acreage: 1.3

Reporting Period: February 25, 2010 to February 25, 2011

	YES	NO
1. Is the information above correct?	■	□
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	□	■
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	□	■
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	□	■
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	□	■

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below?	■	□
7. Are all ICs/ECs in place and functioning as designed?	■	□

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

SITE NO. V00215 Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
122.18-2-2	Henkel Corporation	Ground Water Use Restriction Landuse Restriction Monitoring Plan O&M Plan Site Management Plan

Box 4

Description of Engineering Controls

None Required

Control Description for Site No. V00215

Parcel: 122.18-2-2

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
■	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
■	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. V00215

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Jack Garavanta (print name) at 32100 Stephenson Hwy., Madison Heights, MI 48071 (print business address)

am certifying as Henkel Corporation's representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Jack Garavanta
Signature of Owner or Remedial Party Rendering Certification

2/18/11
Date

Appendix C

LABORATORY ANALYTICAL RESULTS
2010 GROUNDWATER MONITORING EVENT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Analytical Report

Work Order: RTK1380

Project Description
710 Ohio Street, Buffalo, NY

For:

Cailyn Locci

HRP Engineering, PC
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Melissa Deyo

Melissa Deyo For Paul Morrow
Project Manager
melissa.deyo@testamericainc.com
Thursday, December 2, 2010

HRP Engineering, PC
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

TestAmerica Buffalo
Current Certifications

As of 08/16/2010

STATE	Program	Cert # / Lab ID
Arkansas	CWA, RCRA, SOIL	88-0686
California*	NELAP CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida*	NELAP CWA, RCRA	E87672
Georgia*	SDWA,NELAP CWA, RCRA	956
Illinois*	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas*	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana*	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY0044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA,CWA, RCRA	036-999-337
New Hampshire*	NELAP SDWA, CWA	233701
New Jersey*	NELAP,SDWA, CWA, RCRA,	NY455
New York*	NELAP, AIR, SDWA, CWA, RCRA	10026
North Dakota	CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon*	CWA,RCRA	NY200003
Pennsylvania*	NELAP CWA,RCRA	68-00281
Tennessee	SDWA	02970
Texas*	NELAP CWA, RCRA	T104704412-08-TX
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington*	NELAP CWA,RCRA	C1677
Wisconsin	CWA, RCRA	998310390
West Virginia	CWA,RCRA	252

*As required under the indicated accreditation, the test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report.

HRP Engineering, PC
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
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Received: 11/18/10
Reported: 12/02/10 12:13

CASE NARRATIVE

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

A pertinent document is appended to this report, 1 page, is included and is an integral part of this report.

TestAmerica Laboratories, Inc. certifies that the analytical results contained herein apply only to the samples tested as received by our Laboratory.

HRP Engineering, PC
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

DATA QUALIFIERS AND DEFINITIONS

J Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). Concentrations within this range are estimated.

NR Any inclusion of NR indicates that the project specific requirements do not require reporting estimated values below the laboratory reporting limit.

HRP Engineering, PC
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Executive Summary - Detections

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1380-01 (MW-1 - Water)						**Sampled: 11/18/10 11:20**			**Recvd: 11/18/10 13:45**	
Volatile Organic Compounds by EPA 8260B										
Chloroethane	**7.1**		1.0	0.32	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Methylcyclohexane	**7.0**		1.0	0.16	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Sample ID: RTK1380-02 (MW-2 - Water)						**Sampled: 11/18/10 12:30**			**Recvd: 11/18/10 13:45**	
Volatile Organic Compounds by EPA 8260B										
1,1-Dichloroethane	**0.91**	J	1.0	0.38	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Sample ID: RTK1380-04 (MW-5 - Water)						**Sampled: 11/18/10 11:55**			**Recvd: 11/18/10 13:45**	
Volatile Organic Compounds by EPA 8260B										
1,4-Dioxane	**34**	J	40	9.3	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Chloroethane	**0.77**	J	1.0	0.32	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Sample ID: RTK1380-05 (X-1 - Water)						**Sampled: 11/18/10**			**Recvd: 11/18/10 13:45**	
Volatile Organic Compounds by EPA 8260B										
Chloroethane	**6.8**		1.0	0.32	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Methylcyclohexane	**7.5**		1.0	0.16	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B

HRP Engineering, PC
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Clifton Park, NY 12065

Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Sample Summary

Sample Identification	Lab Number	Client Matrix	Date/Time Sampled	Date/Time Received	Sample Qualifiers
MW-1	RTK1380-01	Water	11/18/10 11:20	11/18/10 13:45	
MW-2	RTK1380-02	Water	11/18/10 12:30	11/18/10 13:45	
MW-3R	RTK1380-03	Water	11/18/10 13:15	11/18/10 13:45	
MW-5	RTK1380-04	Water	11/18/10 11:55	11/18/10 13:45	
X-1	RTK1380-05	Water	11/18/10	11/18/10 13:45	
TRIP BLANK	RTK1380-06	Water	11/18/10	11/18/10 13:45	

HRP Engineering, PC
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Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1380-01 (MW-1 - Water)						**Sampled: 11/18/10 11:20**		**Recvd: 11/18/10 13:45**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,4-Dioxane	ND		40	9.3	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
4-Isopropyltoluene	ND		1.0	0.31	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Chloroethane	**7.1**		1.0	0.32	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Methylcyclohexane	**7.0**		1.0	0.16	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Naphthalene	ND		1.0	0.43	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
n-Butylbenzene	ND		1.0	0.64	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
n-Propylbenzene	ND		1.0	0.69	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B

HRP Engineering, PC
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Sample ID: RTK1380-01 (MW-1 - Water) - cont. **Sampled: 11/18/10 11:20** **Recvd: 11/18/10 13:45**

Volatile Organic Compounds by EPA 8260B - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
sec-Butylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
tert-Butylbenzene	ND		1.0	0.81	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/30/10 15:03	DHC	10K2674	8260B
1,2-Dichloroethane-d4	*109 %*		*Surr Limits: (66-137%)*				*11/30/10 15:03*	*DHC*	*10K2674*	*8260B*
4-Bromofluorobenzene	*103 %*		*Surr Limits: (73-120%)*				*11/30/10 15:03*	*DHC*	*10K2674*	*8260B*
Toluene-d8	*115 %*		*Surr Limits: (71-126%)*				*11/30/10 15:03*	*DHC*	*10K2674*	*8260B*

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Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1380-02 (MW-2 - Water)						**Sampled: 11/18/10 12:30**		**Recvd: 11/18/10 13:45**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,1-Dichloroethane	**0.91**	J	1.0	0.38	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,4-Dioxane	ND		40	9.3	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
4-Isopropyltoluene	ND		1.0	0.31	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Naphthalene	ND		1.0	0.43	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
n-Butylbenzene	ND		1.0	0.64	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
n-Propylbenzene	ND		1.0	0.69	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B

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1 Fairchild Square, Suite 110
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Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Sample ID: RTK1380-02 (MW-2 - Water) - cont. **Sampled: 11/18/10 12:30** **Recvd: 11/18/10 13:45**

Volatile Organic Compounds by EPA 8260B - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
sec-Butylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
tert-Butylbenzene	ND		1.0	0.81	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/30/10 15:25	DHC	10K2674	8260B
1,2-Dichloroethane-d4	*109 %*		*Surr Limits: (66-137%)*				*11/30/10 15:25*	*DHC*	*10K2674*	*8260B*
4-Bromofluorobenzene	*105 %*		*Surr Limits: (73-120%)*				*11/30/10 15:25*	*DHC*	*10K2674*	*8260B*
Toluene-d8	*115 %*		*Surr Limits: (71-126%)*				*11/30/10 15:25*	*DHC*	*10K2674*	*8260B*

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Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Sample ID: RTK1380-03 (MW-3R - Water) — **Sampled: 11/18/10 13:15** — **Recvd: 11/18/10 13:45**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,4-Dioxane	ND		40	9.3	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
4-Isopropyltoluene	ND		1.0	0.31	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Naphthalene	ND		1.0	0.43	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
n-Butylbenzene	ND		1.0	0.64	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
n-Propylbenzene	ND		1.0	0.69	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B

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Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Sample ID: RTK1380-03 (MW-3R - Water) - cont. **Sampled: 11/18/10 13:15** **Recvd: 11/18/10 13:45**

Volatile Organic Compounds by EPA 8260B - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
sec-Butylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
tert-Butylbenzene	ND		1.0	0.81	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/30/10 15:46	DHC	10K2674	8260B
1,2-Dichloroethane-d4	*111 %*		*Surr Limits: (66-137%)*				*11/30/10 15:46*	*DHC*	*10K2674*	*8260B*
4-Bromofluorobenzene	*103 %*		*Surr Limits: (73-120%)*				*11/30/10 15:46*	*DHC*	*10K2674*	*8260B*
Toluene-d8	*116 %*		*Surr Limits: (71-126%)*				*11/30/10 15:46*	*DHC*	*10K2674*	*8260B*

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Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1380-04 (MW-5 - Water)						**Sampled: 11/18/10 11:55**		**Recvd: 11/18/10 13:45**		
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,4-Dioxane	**34**	J	40	9.3	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
4-Isopropyltoluene	ND		1.0	0.31	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Acetone	ND		10	3.0	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Chloroethane	**0.77**	J	1.0	0.32	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Naphthalene	ND		1.0	0.43	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
n-Butylbenzene	ND		1.0	0.64	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
n-Propylbenzene	ND		1.0	0.69	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B

HRP Engineering, PC
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Sample ID: RTK1380-04 (MW-5 - Water) - cont. **Sampled: 11/18/10 11:55** **Recvd: 11/18/10 13:45**

Volatile Organic Compounds by EPA 8260B - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
sec-Butylbenzene	ND		1.0	0.75	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
tert-Butylbenzene	ND		1.0	0.81	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	12/01/10 00:22	NMD	10K2778	8260B
1,2-Dichloroethane-d4	*112 %*		*Surr Limits: (66-137%)*				*12/01/10 00:22*	*NMD*	*10K2778*	*8260B*
4-Bromofluorobenzene	*105 %*		*Surr Limits: (73-120%)*				*12/01/10 00:22*	*NMD*	*10K2778*	*8260B*
Toluene-d8	*115 %*		*Surr Limits: (71-126%)*				*12/01/10 00:22*	*NMD*	*10K2778*	*8260B*

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Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Sample ID: RTK1380-05 (X-1 - Water) — **Sampled: 11/18/10** — **Recvd: 11/18/10 13:45**

Volatile Organic Compounds by EPA 8260B

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,4-Dioxane	ND		40	9.3	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
4-Isopropyltoluene	ND		1.0	0.31	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Chloroethane	**6.8**		1.0	0.32	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Methylcyclohexane	**7.5**		1.0	0.16	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Naphthalene	ND		1.0	0.43	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
n-Butylbenzene	ND		1.0	0.64	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
n-Propylbenzene	ND		1.0	0.69	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B

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Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Sample ID: RTK1380-05 (X-1 - Water) - cont. **Sampled: 11/18/10** **Recvd: 11/18/10 13:45**

Volatile Organic Compounds by EPA 8260B - cont.

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
sec-Butylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
tert-Butylbenzene	ND		1.0	0.81	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/30/10 16:29	DHC	10K2674	8260B
1,2-Dichloroethane-d4	*111 %*		*Surr Limits: (66-137%)*				*11/30/10 16:29*	*DHC*	*10K2674*	*8260B*
4-Bromofluorobenzene	*104 %*		*Surr Limits: (73-120%)*				*11/30/10 16:29*	*DHC*	*10K2674*	*8260B*
Toluene-d8	*115 %*		*Surr Limits: (71-126%)*				*11/30/10 16:29*	*DHC*	*10K2674*	*8260B*

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Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1380-06 (TRIP BLANK - Water)						**Sampled: 11/18/10**			**Recvd: 11/18/10 13:45**	
Volatile Organic Compounds by EPA 8260B										
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,1,2-Trichlorotrifluoroethane	ND		1.0	0.31	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,1-Dichloroethane	ND		1.0	0.38	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,1-Dichloroethene	ND		1.0	0.29	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,2,4-Trimethylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,2-Dibromo-3-chloropropane	ND		1.0	0.39	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,2-Dibromoethane (EDB)	ND		1.0	0.73	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,2-Dichloroethane	ND		1.0	0.21	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,2-Dichloropropane	ND		1.0	0.72	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,3,5-Trimethylbenzene	ND		1.0	0.77	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,4-Dioxane	ND		40	9.3	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
2-Butanone (MEK)	ND		10	1.3	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
2-Hexanone	ND		5.0	1.2	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
4-Isopropyltoluene	ND		1.0	0.31	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Acetone	ND		10	3.0	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Benzene	ND		1.0	0.41	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Bromodichloromethane	ND		1.0	0.39	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Bromoform	ND		1.0	0.26	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Bromomethane	ND		1.0	0.69	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Carbon disulfide	ND		1.0	0.19	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Carbon Tetrachloride	ND		1.0	0.27	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Chlorobenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Chlorodibromomethane	ND		1.0	0.32	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Chloroethane	ND		1.0	0.32	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Chloroform	ND		1.0	0.34	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Chloromethane	ND		1.0	0.35	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Cyclohexane	ND		1.0	0.18	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Dichlorodifluoromethane	ND		1.0	0.68	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Ethylbenzene	ND		1.0	0.74	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Isopropylbenzene	ND		1.0	0.79	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Methyl Acetate	ND		1.0	0.50	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Methyl tert-Butyl Ether	ND		1.0	0.16	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Methylcyclohexane	ND		1.0	0.16	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Methylene Chloride	ND		1.0	0.44	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Naphthalene	ND		1.0	0.43	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
n-Butylbenzene	ND		1.0	0.64	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
n-Propylbenzene	ND		1.0	0.69	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B

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1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Work Order: RTK1380

Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

Analytical Report

Analyte	Sample Result	Data Qualifiers	RL	MDL	Units	Dil Fac	Date Analyzed	Lab Tech	Batch	Method
Sample ID: RTK1380-06 (TRIP BLANK - Water) - cont.						**Sampled: 11/18/10**			**Recvd: 11/18/10 13:45**	
Volatile Organic Compounds by EPA 8260B - cont.										
sec-Butylbenzene	ND		1.0	0.75	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Styrene	ND		1.0	0.73	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
tert-Butylbenzene	ND		1.0	0.81	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Tetrachloroethene	ND		1.0	0.36	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Toluene	ND		1.0	0.51	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Trichloroethene	ND		1.0	0.46	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Trichlorofluoromethane	ND		1.0	0.88	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Vinyl chloride	ND		1.0	0.90	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
Xylenes, total	ND		2.0	0.66	ug/L	1.00	11/30/10 16:50	DHC	10K2674	8260B
1,2-Dichloroethane-d4	*111 %*		*Surr Limits: (66-137%)*				*11/30/10 16:50*	*DHC*	*10K2674*	*8260B*
4-Bromofluorobenzene	*103 %*		*Surr Limits: (73-120%)*				*11/30/10 16:50*	*DHC*	*10K2674*	*8260B*
Toluene-d8	*117 %*		*Surr Limits: (71-126%)*				*11/30/10 16:50*	*DHC*	*10K2674*	*8260B*

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Work Order: RTK1380

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Reported: 12/02/10 12:13

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracte	Units	Extract Volume	Units	Date Prepared	Lab Tech	Extraction Method
Volatile Organic Compounds by EPA 8260B									
8260B	10K2674	RTK1380-01	5.00	mL	5.00	mL	11/30/10 11:28	DHC	5030B MS
8260B	10K2674	RTK1380-02	5.00	mL	5.00	mL	11/30/10 11:28	DHC	5030B MS
8260B	10K2674	RTK1380-03	5.00	mL	5.00	mL	11/30/10 11:28	DHC	5030B MS
8260B	10K2674	RTK1380-05	5.00	mL	5.00	mL	11/30/10 11:28	DHC	5030B MS
8260B	10K2674	RTK1380-06	5.00	mL	5.00	mL	11/30/10 11:28	DHC	5030B MS
8260B	10K2778	RTK1380-04	5.00	mL	5.00	mL	11/30/10 21:21	NMD	5030B MS

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 11/30/10 (Lab Number:10K2674-BLK1, Batch: 10K2674)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2,4-Trimethylbenzene			1.0	0.75	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.79	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					
1,2-Dichloropropane			1.0	0.72	ug/L	ND					
1,3,5-Trimethylbenzene			1.0	0.77	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND					
1,4-Dioxane			40	9.3	ug/L	ND					
2-Butanone (MEK)			10	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Isopropyltoluene			1.0	0.31	ug/L	ND					
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND					
Acetone			10	3.0	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.69	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.75	ug/L	ND					
Chlorodibromomethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.81	ug/L	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 11/30/10 (Lab Number:10K2674-BLK1, Batch: 10K2674)											
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.18	ug/L	ND					
Dichlorodifluoromethane			1.0	0.68	ug/L	ND					
Ethylbenzene			1.0	0.74	ug/L	ND					
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Naphthalene			1.0	0.43	ug/L	ND					
n-Butylbenzene			1.0	0.64	ug/L	ND					
n-Propylbenzene			1.0	0.69	ug/L	ND					
sec-Butylbenzene			1.0	0.75	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					
tert-Butylbenzene			1.0	0.81	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*114*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*102*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*117*	*71-126*			
LCS Analyzed: 11/30/10 (Lab Number:10K2674-BS1, Batch: 10K2674)											
1,1,1-Trichloroethane		25.0	1.0	0.82	ug/L	27.9	111	73-126			
1,1,2,2-Tetrachloroethane		25.0	1.0	0.21	ug/L	24.9	99	70-126			
1,1,2-Trichloroethane		25.0	1.0	0.23	ug/L	23.8	95	76-122			
1,1,2-Trichlorotrifluoroethane		25.0	1.0	0.31	ug/L	24.1	96	60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	23.8	95	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	23.5	94	65-138			
1,2,4-Trichlorobenzene		25.0	1.0	0.41	ug/L	24.9	100	70-122			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 11/30/10 (Lab Number:10K2674-BS1, Batch: 10K2674)											
1,2,4-Trimethylbenzene		25.0	1.0	0.75	ug/L	25.8	103	76-121			
1,2-Dibromo-3-chloropropane		25.0	1.0	0.39	ug/L	20.3	81	56-134			
1,2-Dibromoethane (EDB)		25.0	1.0	0.73	ug/L	25.0	100	77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	24.2	97	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	24.5	98	75-127			
1,2-Dichloropropane		25.0	1.0	0.72	ug/L	23.2	93	76-120			
1,3,5-Trimethylbenzene		25.0	1.0	0.77	ug/L	25.4	102	77-121			
1,3-Dichlorobenzene		25.0	1.0	0.78	ug/L	24.5	98	77-120			
1,4-Dichlorobenzene		25.0	1.0	0.84	ug/L	23.6	95	75-120			
1,4-Dioxane			40	9.3	ug/L	ND		49-146			
2-Butanone (MEK)		125	10	1.3	ug/L	112	90	57-140			
2-Hexanone		125	5.0	1.2	ug/L	128	102	65-127			
4-Isopropyltoluene		25.0	1.0	0.31	ug/L	26.0	104	73-120			
4-Methyl-2-pentanone (MIBK)		125	5.0	2.1	ug/L	124	99	71-125			
Acetone		125	10	3.0	ug/L	111	89	56-142			
Benzene		25.0	1.0	0.41	ug/L	23.4	94	71-124			
Bromodichloromethane		25.0	1.0	0.39	ug/L	22.8	91	80-122			
Bromoform		25.0	1.0	0.26	ug/L	19.7	79	66-128			
Bromomethane		25.0	1.0	0.69	ug/L	25.7	103	36-150			
Carbon disulfide		25.0	1.0	0.19	ug/L	20.4	81	59-134			
Carbon Tetrachloride		25.0	1.0	0.27	ug/L	26.6	107	72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	24.0	96	72-120			
Chlorodibromomethane		25.0	1.0	0.32	ug/L	22.1	89	75-125			
Chloroethane		25.0	1.0	0.32	ug/L	31.5	126	69-136			
Chloroform		25.0	1.0	0.34	ug/L	24.0	96	73-127			
Chloromethane		25.0	1.0	0.35	ug/L	21.9	88	49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	24.1	97	74-124			
cis-1,3-Dichloropropene		25.0	1.0	0.36	ug/L	21.9	87	74-124			
Cyclohexane		25.0	1.0	0.18	ug/L	22.3	89	70-130			
Dichlorodifluoromethane		25.0	1.0	0.68	ug/L	22.5	90	33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	24.8	99	77-123			
Isopropylbenzene		25.0	1.0	0.79	ug/L	25.7	103	77-122			
Methyl Acetate		25.0	1.0	0.50	ug/L	21.9	88	60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	25.0	100	64-127			
Methylcyclohexane		25.0	1.0	0.16	ug/L	23.4	93	60-140			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 11/30/10 (Lab Number:10K2674-BS1, Batch: 10K2674)											
Methylene Chloride		25.0	1.0	0.44	ug/L	24.6	98	57-132			
Naphthalene		25.0	1.0	0.43	ug/L	21.5	86	54-140			
n-Butylbenzene		25.0	1.0	0.64	ug/L	25.9	104	71-128			
n-Propylbenzene		25.0	1.0	0.69	ug/L	25.1	100	77-120			
sec-Butylbenzene		25.0	1.0	0.75	ug/L	25.7	103	74-127			
Styrene		25.0	1.0	0.73	ug/L	25.6	102	70-130			
tert-Butylbenzene		25.0	1.0	0.81	ug/L	25.9	103	75-123			
Tetrachloroethene		25.0	1.0	0.36	ug/L	23.7	95	74-122			
Toluene		25.0	1.0	0.51	ug/L	23.7	95	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	23.6	95	73-127			
trans-1,3-Dichloropropene		25.0	1.0	0.37	ug/L	22.0	88	72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	23.5	94	74-123			
Trichlorofluoromethane		25.0	1.0	0.88	ug/L	23.6	95	62-152			
Vinyl chloride		25.0	1.0	0.90	ug/L	26.5	106	65-133			
Xylenes, total		75.0	2.0	0.66	ug/L	75.0	100	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*112*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*104*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*116*	*71-126*			
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 11/30/10 (Lab Number:10K2778-BLK1, Batch: 10K2778)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND					
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND					
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND					
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND					
1,1-Dichloroethane			1.0	0.38	ug/L	ND					
1,1-Dichloroethene			1.0	0.29	ug/L	ND					
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND					
1,2,4-Trimethylbenzene			1.0	0.75	ug/L	ND					
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND					
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND					
1,2-Dichlorobenzene			1.0	0.79	ug/L	ND					
1,2-Dichloroethane			1.0	0.21	ug/L	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 11/30/10 (Lab Number:10K2778-BLK1, Batch: 10K2778)											
1,2-Dichloropropane			1.0	0.72	ug/L	ND					
1,3,5-Trimethylbenzene			1.0	0.77	ug/L	ND					
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND					
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND					
1,4-Dioxane			40	9.3	ug/L	ND					
2-Butanone (MEK)			10	1.3	ug/L	ND					
2-Hexanone			5.0	1.2	ug/L	ND					
4-Isopropyltoluene			1.0	0.31	ug/L	ND					
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND					
Acetone			10	3.0	ug/L	ND					
Benzene			1.0	0.41	ug/L	ND					
Bromodichloromethane			1.0	0.39	ug/L	ND					
Bromoform			1.0	0.26	ug/L	ND					
Bromomethane			1.0	0.69	ug/L	ND					
Carbon disulfide			1.0	0.19	ug/L	ND					
Carbon Tetrachloride			1.0	0.27	ug/L	ND					
Chlorobenzene			1.0	0.75	ug/L	ND					
Chlorodibromomethane			1.0	0.32	ug/L	ND					
Chloroethane			1.0	0.32	ug/L	ND					
Chloroform			1.0	0.34	ug/L	ND					
Chloromethane			1.0	0.35	ug/L	ND					
cis-1,2-Dichloroethene			1.0	0.81	ug/L	ND					
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND					
Cyclohexane			1.0	0.18	ug/L	ND					
Dichlorodifluoromethane			1.0	0.68	ug/L	ND					
Ethylbenzene			1.0	0.74	ug/L	ND					
Isopropylbenzene			1.0	0.79	ug/L	ND					
Methyl Acetate			1.0	0.50	ug/L	ND					
Methyl tert-Butyl Ether			1.0	0.16	ug/L	ND					
Methylcyclohexane			1.0	0.16	ug/L	ND					
Methylene Chloride			1.0	0.44	ug/L	ND					
Naphthalene			1.0	0.43	ug/L	ND					
n-Butylbenzene			1.0	0.64	ug/L	ND					
n-Propylbenzene			1.0	0.69	ug/L	ND					
sec-Butylbenzene			1.0	0.75	ug/L	ND					
Styrene			1.0	0.73	ug/L	ND					

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
Blank Analyzed: 11/30/10 (Lab Number:10K2778-BLK1, Batch: 10K2778)											
tert-Butylbenzene			1.0	0.81	ug/L	ND					
Tetrachloroethene			1.0	0.36	ug/L	ND					
Toluene			1.0	0.51	ug/L	ND					
trans-1,2-Dichloroethene			1.0	0.90	ug/L	ND					
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND					
Trichloroethene			1.0	0.46	ug/L	ND					
Trichlorofluoromethane			1.0	0.88	ug/L	ND					
Vinyl chloride			1.0	0.90	ug/L	ND					
Xylenes, total			2.0	0.66	ug/L	ND					
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*113*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*106*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*118*	*71-126*			
LCS Analyzed: 11/30/10 (Lab Number:10K2778-BS1, Batch: 10K2778)											
1,1,1-Trichloroethane			1.0	0.82	ug/L	ND		73-126			
1,1,2,2-Tetrachloroethane			1.0	0.21	ug/L	ND		70-126			
1,1,2-Trichloroethane			1.0	0.23	ug/L	ND		76-122			
1,1,2-Trichlorotrifluoroethane			1.0	0.31	ug/L	ND		60-140			
1,1-Dichloroethane		25.0	1.0	0.38	ug/L	24.0	96	71-129			
1,1-Dichloroethene		25.0	1.0	0.29	ug/L	21.0	84	65-138			
1,2,4-Trichlorobenzene			1.0	0.41	ug/L	ND		70-122			
1,2,4-Trimethylbenzene		25.0	1.0	0.75	ug/L	26.0	104	76-121			
1,2-Dibromo-3-chloropropane			1.0	0.39	ug/L	ND		56-134			
1,2-Dibromoethane (EDB)			1.0	0.73	ug/L	ND		77-120			
1,2-Dichlorobenzene		25.0	1.0	0.79	ug/L	24.8	99	77-120			
1,2-Dichloroethane		25.0	1.0	0.21	ug/L	24.7	99	75-127			
1,2-Dichloropropane			1.0	0.72	ug/L	ND		76-120			
1,3,5-Trimethylbenzene			1.0	0.77	ug/L	ND		77-121			
1,3-Dichlorobenzene			1.0	0.78	ug/L	ND		77-120			
1,4-Dichlorobenzene			1.0	0.84	ug/L	ND		75-120			
1,4-Dioxane			40	9.3	ug/L	ND		49-146			
2-Butanone (MEK)			10	1.3	ug/L	ND		57-140			
2-Hexanone			5.0	1.2	ug/L	ND		65-127			
4-Isopropyltoluene			1.0	0.31	ug/L	ND		73-120			

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LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 11/30/10 (Lab Number:10K2778-BS1, Batch: 10K2778)											
4-Methyl-2-pentanone (MIBK)			5.0	2.1	ug/L	ND		71-125			
Acetone			10	3.0	ug/L	ND		56-142			
Benzene		25.0	1.0	0.41	ug/L	23.6	94	71-124			
Bromodichloromethane			1.0	0.39	ug/L	ND		80-122			
Bromoform			1.0	0.26	ug/L	ND		66-128			
Bromomethane			1.0	0.69	ug/L	ND		36-150			
Carbon disulfide			1.0	0.19	ug/L	ND		59-134			
Carbon Tetrachloride			1.0	0.27	ug/L	ND		72-134			
Chlorobenzene		25.0	1.0	0.75	ug/L	25.9	104	72-120			
Chlorodibromomethane			1.0	0.32	ug/L	ND		75-125			
Chloroethane			1.0	0.32	ug/L	ND		69-136			
Chloroform			1.0	0.34	ug/L	ND		73-127			
Chloromethane			1.0	0.35	ug/L	ND		49-142			
cis-1,2-Dichloroethene		25.0	1.0	0.81	ug/L	24.0	96	74-124			
cis-1,3-Dichloropropene			1.0	0.36	ug/L	ND		74-124			
Cyclohexane			1.0	0.18	ug/L	ND		70-130			
Dichlorodifluoromethane			1.0	0.68	ug/L	ND		33-157			
Ethylbenzene		25.0	1.0	0.74	ug/L	26.5	106	77-123			
Isopropylbenzene			1.0	0.79	ug/L	ND		77-122			
Methyl Acetate			1.0	0.50	ug/L	ND		60-140			
Methyl tert-Butyl Ether		25.0	1.0	0.16	ug/L	25.1	100	64-127			
Methylcyclohexane			1.0	0.16	ug/L	ND		60-140			
Methylene Chloride			1.0	0.44	ug/L	ND		57-132			
Naphthalene			1.0	0.43	ug/L	ND		54-140			
n-Butylbenzene			1.0	0.64	ug/L	ND		71-128			
n-Propylbenzene			1.0	0.69	ug/L	ND		77-120			
sec-Butylbenzene			1.0	0.75	ug/L	ND		74-127			
Styrene			1.0	0.73	ug/L	ND		70-130			
tert-Butylbenzene			1.0	0.81	ug/L	ND		75-123			
Tetrachloroethene		25.0	1.0	0.36	ug/L	25.6	102	74-122			
Toluene		25.0	1.0	0.51	ug/L	25.6	102	70-122			
trans-1,2-Dichloroethene		25.0	1.0	0.90	ug/L	24.3	97	73-127			
trans-1,3-Dichloropropene			1.0	0.37	ug/L	ND		72-123			
Trichloroethene		25.0	1.0	0.46	ug/L	23.9	96	74-123			
Trichlorofluoromethane			1.0	0.88	ug/L	ND		62-152			
Vinyl chloride			1.0	0.90	ug/L	ND		65-133			

HRP Engineering, PC
1 Fairchild Square, Suite 110
Clifton Park, NY 12065

Work Order: RTK1380
Project: 710 Ohio Street, Buffalo, NY
Project Number: 710 Ohio Street, Buffalo, NY

Received: 11/18/10
Reported: 12/02/10 12:13

LABORATORY QC DATA

Analyte	Source Result	Spike Level	RL	MDL	Units	Result	% REC	% REC Limits	% RPD	RPD Limit	Data Qualifiers
Volatile Organic Compounds by EPA 8260B											
LCS Analyzed: 11/30/10 (Lab Number:10K2778-BS1, Batch: 10K2778)											
Xylenes, total		75.0	2.0	0.66	ug/L	81.2	108	76-122			
Surrogate: 1,2-Dichloroethane-d4					*ug/L*		*113*	*66-137*			
Surrogate: 4-Bromofluorobenzene					*ug/L*		*108*	*73-120*			
Surrogate: Toluene-d8					*ug/L*		*119*	*71-126*			

Chain of Custody Record

TAL-4124 (1007)

Temperature on Receipt ____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client: HRP Associates	Project Manager: Jeff Sotek	Date: 10/18/2010	Chain of Custody Number: 174043
Address: 1 Fairchild Square Suite 110	Telephone Number (Area Code)/Fax Number: 518-877-7101	Lab Number:	Page 1 of 1
City: Clifton Park / State: NY / Zip Code:	Site Contact: Steve Grady / Lab Contact:	Analysis (Attach list if more space is needed)	
Project Name and Location (State): Henkel Corp (NY)	Carrier/Waybill Number: Grady		Special Instructions/ Conditions of Receipt
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Analysis	Special Instructions/ Conditions of Receipt
MW-1	11/18/10	1120		✓						✓			3	VOC's 8260B
MW-2	↓	1230		✓						✓			3	↓
MW-3R	↓	1315		✓						✓			3	↓
MW-8	↓	1155		✓						✓			3	↓
X-1	↓	—		✓						✓				↓
Trip Blank		—								✓			2	

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

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

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

QC Requirements (Specify):

1. Relinquished By: Jim Scura	Date: 11/18/10	Time: 1345	1. Received By: [illegible]	Date: 11.18.10	Time: 1345
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments: MW-4 was dry

3.6°

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

TestAmerica Buffalo

SDG: RTK1380

CLASS: VOA

METHOD: 8260B

ANALYSES DATA PACKAGE COVER PAGE

8260B

Laboratory: TestAmerica Buffalo

SDG: RTK1380

Client: HRP Engineering, PC

Project: 710 Ohio Street, Buffalo, NY

Client Sample Id:	Lab Sample Id:
MW-1	RTK1380-01
MW-2	RTK1380-02
MW-3R	RTK1380-03
MW-5	RTK1380-04
X-1	RTK1380-05
TRIP BLANK	RTK1380-06

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Sequence:	T005434	Instrument:	HP5973S
Matrix:	Water	Calibration:	R10K091

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (10K2674-BLK1)			Lab File ID: S1796.D		Analyzed: 11/30/10 11:11			
1,2-Dichloroethane-d4	25.0	114	66 - 137	4.64	4.63	0.0100	+/-1.0	
4-Bromofluorobenzene	25.0	102	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	117	71 - 126	6.02	6.018333	0.0017	+/-1.0	
LCS (10K2674-BS1)			Lab File ID: S1795.D		Analyzed: 11/30/10 10:50			
1,2-Dichloroethane-d4	25.0	112	66 - 137	4.63	4.63	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	104	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	116	71 - 126	6.02	6.018333	0.0017	+/-1.0	
MW-1 (RTK1380-01)			Lab File ID: S1805.D		Analyzed: 11/30/10 15:03			
1,2-Dichloroethane-d4	25.0	109	66 - 137	4.64	4.63	0.0100	+/-1.0	
4-Bromofluorobenzene	25.0	103	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	115	71 - 126	6.02	6.018333	0.0017	+/-1.0	
MW-2 (RTK1380-02)			Lab File ID: S1806.D		Analyzed: 11/30/10 15:25			
1,2-Dichloroethane-d4	25.0	109	66 - 137	4.63	4.63	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	105	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	115	71 - 126	6.02	6.018333	0.0017	+/-1.0	
MW-3R (RTK1380-03)			Lab File ID: S1807.D		Analyzed: 11/30/10 15:46			
1,2-Dichloroethane-d4	25.0	111	66 - 137	4.64	4.63	0.0100	+/-1.0	
4-Bromofluorobenzene	25.0	103	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	116	71 - 126	6.02	6.018333	0.0017	+/-1.0	
X-1 (RTK1380-05)			Lab File ID: S1809.D		Analyzed: 11/30/10 16:29			
1,2-Dichloroethane-d4	25.0	111	66 - 137	4.63	4.63	0.0000	+/-1.0	
4-Bromofluorobenzene	25.0	104	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	115	71 - 126	6.02	6.018333	0.0017	+/-1.0	
TRIP BLANK (RTK1380-06)			Lab File ID: S1810.D		Analyzed: 11/30/10 16:50			
1,2-Dichloroethane-d4	25.0	111	66 - 137	4.64	4.63	0.0100	+/-1.0	
4-Bromofluorobenzene	25.0	103	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	117	71 - 126	6.02	6.018333	0.0017	+/-1.0	

* Values outside of QC limits

Form 2
SURROGATE STANDARD RECOVERY AND RT SUMMARY
8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Sequence:	T005455	Instrument:	HP5973S
Matrix:	Water	Calibration:	R10K091

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
Blank (10K2778-BLK1)			Lab File ID: S1825.D		Analyzed: 11/30/10 23:06			
1,2-Dichloroethane-d4	25.0	113	66 - 137	4.64	4.63	0.0100	+/-1.0	
4-Bromofluorobenzene	25.0	106	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	118	71 - 126	6.02	6.018333	0.0017	+/-1.0	
LCS (10K2778-BS1)			Lab File ID: S1824.D		Analyzed: 11/30/10 22:44			
1,2-Dichloroethane-d4	25.0	113	66 - 137	4.64	4.63	0.0100	+/-1.0	
4-Bromofluorobenzene	25.0	108	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	119	71 - 126	6.02	6.018333	0.0017	+/-1.0	
MW-5 (RTK1380-04)			Lab File ID: S1828.D		Analyzed: 12/01/10 00:22			
1,2-Dichloroethane-d4	25.0	112	66 - 137	4.64	4.63	0.0100	+/-1.0	
4-Bromofluorobenzene	25.0	105	73 - 120	8.07	8.07	0.0000	+/-1.0	
Toluene-d8	25.0	115	71 - 126	6.02	6.018333	0.0017	+/-1.0	

* Values outside of QC limits

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Spike standard:	RT14555
Batch:	10K2674	Laboratory ID:	10K2674-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
1,1,1-Trichloroethane	25.0	ug/L	27.9	111	73 - 126
1,1,2,2-Tetrachloroethane	25.0	ug/L	24.9	99	70 - 126
1,1,2-Trichloroethane	25.0	ug/L	23.8	95	76 - 122
1,1,2-Trichlorotrifluoroethane	25.0	ug/L	24.1	96	60 - 140
1,1-Dichloroethane	25.0	ug/L	23.8	95	71 - 129
1,1-Dichloroethene	25.0	ug/L	23.5	94	65 - 138
1,2,4-Trichlorobenzene	25.0	ug/L	24.9	100	70 - 122
1,2,4-Trimethylbenzene	25.0	ug/L	25.8	103	76 - 121
1,2-Dibromo-3-chloropropane	25.0	ug/L	20.3	81	56 - 134
1,2-Dibromoethane (EDB)	25.0	ug/L	25.0	100	77 - 120
1,2-Dichlorobenzene	25.0	ug/L	24.2	97	77 - 120
1,2-Dichloroethane	25.0	ug/L	24.5	98	75 - 127
1,2-Dichloropropane	25.0	ug/L	23.2	93	76 - 120
1,3,5-Trimethylbenzene	25.0	ug/L	25.4	102	77 - 121
1,3-Dichlorobenzene	25.0	ug/L	24.5	98	77 - 120
1,4-Dichlorobenzene	25.0	ug/L	23.6	95	75 - 120
1,4-Dioxane		ug/L	ND		49 - 146
2-Butanone (MEK)	125	ug/L	112	90	57 - 140
2-Hexanone	125	ug/L	128	102	65 - 127
4-Isopropyltoluene	25.0	ug/L	26.0	104	73 - 120
4-Methyl-2-pentanone (MIBK)	125	ug/L	124	99	71 - 125
Acetone	125	ug/L	111	89	56 - 142
Benzene	25.0	ug/L	23.4	94	71 - 124
Bromodichloromethane	25.0	ug/L	22.8	91	80 - 122
Bromoform	25.0	ug/L	19.7	79	66 - 128
Bromomethane	25.0	ug/L	25.7	103	36 - 150
Carbon disulfide	25.0	ug/L	20.4	81	59 - 134
Carbon Tetrachloride	25.0	ug/L	26.6	107	72 - 134
Chlorobenzene	25.0	ug/L	24.0	96	72 - 120
Chlorodibromomethane	25.0	ug/L	22.1	89	75 - 125

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Spike standard:	RT14555
Batch:	10K2674	Laboratory ID:	10K2674-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
Chloroethane	25.0	ug/L	31.5	126	69 - 136
Chloroform	25.0	ug/L	24.0	96	73 - 127
Chloromethane	25.0	ug/L	21.9	88	49 - 142
cis-1,2-Dichloroethene	25.0	ug/L	24.1	97	74 - 124
cis-1,3-Dichloropropene	25.0	ug/L	21.9	87	74 - 124
Cyclohexane	25.0	ug/L	22.3	89	70 - 130
Dichlorodifluoromethane	25.0	ug/L	22.5	90	33 - 157
Ethylbenzene	25.0	ug/L	24.8	99	77 - 123
Isopropylbenzene	25.0	ug/L	25.7	103	77 - 122
Methyl Acetate	25.0	ug/L	21.9	88	60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	25.0	100	64 - 127
Methylcyclohexane	25.0	ug/L	23.4	93	60 - 140
Methylene Chloride	25.0	ug/L	24.6	98	57 - 132
Naphthalene	25.0	ug/L	21.5	86	54 - 140
n-Butylbenzene	25.0	ug/L	25.9	104	71 - 128
n-Propylbenzene	25.0	ug/L	25.1	100	77 - 120
sec-Butylbenzene	25.0	ug/L	25.7	103	74 - 127
Styrene	25.0	ug/L	25.6	102	70 - 130
tert-Butylbenzene	25.0	ug/L	25.9	103	75 - 123
Tetrachloroethene	25.0	ug/L	23.7	95	74 - 122
Toluene	25.0	ug/L	23.7	95	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	23.6	95	73 - 127
trans-1,3-Dichloropropene	25.0	ug/L	22.0	88	72 - 123
Trichloroethene	25.0	ug/L	23.5	94	74 - 123
Trichlorofluoromethane	25.0	ug/L	23.6	95	62 - 152
Vinyl chloride	25.0	ug/L	26.5	106	65 - 133
Xylenes, total	75.0	ug/L	75.0	100	76 - 122

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

* Values outside of QC limits

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Spike standard:	RT14328
Batch:	10K2778	Laboratory ID:	10K2778-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
1,1,1-Trichloroethane		ug/L	ND		73 - 126
1,1,2,2-Tetrachloroethane		ug/L	ND		70 - 126
1,1,2-Trichloroethane		ug/L	ND		76 - 122
1,1,2-Trichlorotrifluoroethane		ug/L	ND		60 - 140
1,1-Dichloroethane	25.0	ug/L	24.0	96	71 - 129
1,1-Dichloroethene	25.0	ug/L	21.0	84	65 - 138
1,2,4-Trichlorobenzene		ug/L	ND		70 - 122
1,2,4-Trimethylbenzene	25.0	ug/L	26.0	104	76 - 121
1,2-Dibromo-3-chloropropane		ug/L	ND		56 - 134
1,2-Dibromoethane (EDB)		ug/L	ND		77 - 120
1,2-Dichlorobenzene	25.0	ug/L	24.8	99	77 - 120
1,2-Dichloroethane	25.0	ug/L	24.7	99	75 - 127
1,2-Dichloropropane		ug/L	ND		76 - 120
1,3,5-Trimethylbenzene		ug/L	ND		77 - 121
1,3-Dichlorobenzene		ug/L	ND		77 - 120
1,4-Dichlorobenzene		ug/L	ND		75 - 120
1,4-Dioxane		ug/L	ND		49 - 146
2-Butanone (MEK)		ug/L	ND		57 - 140
2-Hexanone		ug/L	ND		65 - 127
4-Isopropyltoluene		ug/L	ND		73 - 120
4-Methyl-2-pentanone (MIBK)		ug/L	ND		71 - 125
Acetone		ug/L	ND		56 - 142
Benzene	25.0	ug/L	23.6	94	71 - 124
Bromodichloromethane		ug/L	ND		80 - 122
Bromoform		ug/L	ND		66 - 128
Bromomethane		ug/L	ND		36 - 150
Carbon disulfide		ug/L	ND		59 - 134
Carbon Tetrachloride		ug/L	ND		72 - 134
Chlorobenzene	25.0	ug/L	25.9	104	72 - 120
Chlorodibromomethane		ug/L	ND		75 - 125

Form 3

LCS / LCS DUPLICATE RECOVERY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Spike standard:	RT14328
Batch:	10K2778	Laboratory ID:	10K2778-BS1
Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

COMPOUND	SPIKE ADDED	UNITS	LCS CONCENTRATION	LCS % REC. #	QCLIMITS REC.
Chloroethane		ug/L	ND		69 - 136
Chloroform		ug/L	ND		73 - 127
Chloromethane		ug/L	ND		49 - 142
cis-1,2-Dichloroethene	25.0	ug/L	24.0	96	74 - 124
cis-1,3-Dichloropropene		ug/L	ND		74 - 124
Cyclohexane		ug/L	ND		70 - 130
Dichlorodifluoromethane		ug/L	ND		33 - 157
Ethylbenzene	25.0	ug/L	26.5	106	77 - 123
Isopropylbenzene		ug/L	ND		77 - 122
Methyl Acetate		ug/L	ND		60 - 140
Methyl tert-Butyl Ether	25.0	ug/L	25.1	100	64 - 127
Methylcyclohexane		ug/L	ND		60 - 140
Methylene Chloride		ug/L	ND		57 - 132
Naphthalene		ug/L	ND		54 - 140
n-Butylbenzene		ug/L	ND		71 - 128
n-Propylbenzene		ug/L	ND		77 - 120
sec-Butylbenzene		ug/L	ND		74 - 127
Styrene		ug/L	ND		70 - 130
tert-Butylbenzene		ug/L	ND		75 - 123
Tetrachloroethene	25.0	ug/L	25.6	102	74 - 122
Toluene	25.0	ug/L	25.6	102	70 - 122
trans-1,2-Dichloroethene	25.0	ug/L	24.3	97	73 - 127
trans-1,3-Dichloropropene		ug/L	ND		72 - 123
Trichloroethene	25.0	ug/L	23.9	96	74 - 123
Trichlorofluoromethane		ug/L	ND		62 - 152
Vinyl chloride		ug/L	ND		65 - 133
Xylenes, total	75.0	ug/L	81.2	108	76 - 122

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

* Values outside of QC limits

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo
SDG: RTK1380
Client: HRP Engineering, PC
Project: 710 Ohio Street, Buffalo, NY
Batch: 10K2674 Batch Matrix: Water
Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10K2674-BLK1	5.00 mL	5.00 mL	11/29/10 20:50	N/A
LCS	10K2674-BS1	5.00 mL	5.00 mL	11/29/10 20:50	N/A
MW-1	RTK1380-01	5.00 mL	5.00 mL	11/30/10 11:28	N/A
MW-2	RTK1380-02	5.00 mL	5.00 mL	11/30/10 11:28	N/A
MW-3R	RTK1380-03	5.00 mL	5.00 mL	11/30/10 11:28	N/A
X-1	RTK1380-05	5.00 mL	5.00 mL	11/30/10 11:28	N/A
TRIP BLANK	RTK1380-06	5.00 mL	5.00 mL	11/30/10 11:28	N/A

PREPARATION BATCH SUMMARY

8260B

Laboratory: TestAmerica Buffalo
SDG: RTK1380
Client: HRP Engineering, PC
Project: 710 Ohio Street, Buffalo, NY
Batch: 10K2778 Batch Matrix: Water
Preparation: 5030B MS

SAMPLE NAME	LAB SAMPLE ID	INITIAL	FINAL	DATE PREPARED	TOT/DIS
Blank	10K2778-BLK1	5.00 mL	5.00 mL	11/30/10 21:21	N/A
LCS	10K2778-BS1	5.00 mL	5.00 mL	11/30/10 21:21	N/A
MW-5	RTK1380-04	5.00 mL	5.00 mL	11/30/10 21:21	N/A

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Lab File ID:	S1462.D	Injection Date:	11/19/10
Instrument ID:	HP5973S	Injection Time:	23:07
Sequence:	T005292	Lab Sample ID:	T005292-TUN1
Calibration:	R10K091		

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	18.54	PASS
75	30 - 60% of 95	49.209	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.0286	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	83.137	PASS
175	5 - 9% of 174	7.3685	PASS
176	95 - 101% of 174	95.06	PASS
177	5 - 9% of 176	6.1438	PASS

INITIAL CALIBRATION STANDARDS

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Sequence:	T005292	Instrument:	HP5973S
Calibration:	R10K091		

Standard ID	Description	Lab Sample ID	Lab File ID	Analysis Date/Time
RT12565	BFB Working Standard	T005292-TUN1	S1462.D	11/19/10 23:07
RT14220	S CAL1 MIX 1PPB	T005292-CAL1	S1464.D	11/19/10 23:58
RT14221	S CAL2 MIX 5PPB	T005292-CAL2	S1465.D	11/20/10 00:19
RT14223	S CAL3 MIX 10PPB	T005292-CAL3	S1466.D	11/20/10 00:41
RT14224	S CAL4 MIX 25PPB	T005292-CAL4	S1467.D	11/20/10 01:02
RT14225	S CAL5 MIX 50PPB	T005292-CAL5	S1468.D	11/20/10 01:24
RT14226	S CAL6 MIX 100PPB	T005292-CAL6	S1469.D	11/20/10 01:45
RT13802	S Cal Mix 7 ADD 1ppb	T005292-CAL7	S1471.D	11/20/10 02:28
RT13803	S Cal Mix 8 ADD 5ppb	T005292-CAL8	S1472.D	11/20/10 02:50
RT13804	S Cal Mix 9 ADD 10ppb	T005292-CAL9	S1473.D	11/20/10 03:11
RT13805	S Cal Mix A ADD 25ppb	T005292-CALA	S1474.D	11/20/10 03:33
RT13806	S Cal Mix B ADD 50ppb	T005292-CALB	S1475.D	11/20/10 03:54
RT13807	S Cal Mix C ADD 50ppb	T005292-CALC	S1476.D	11/20/10 04:16

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Lab File ID:	S1792.D	Injection Date:	11/30/10
Instrument ID:	HP5973S	Injection Time:	09:45
Sequence:	T005434	Lab Sample ID:	T005434-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	16.494	PASS
75	30 - 60% of 95	50.102	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.298	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	80.664	PASS
175	5 - 9% of 174	7.3235	PASS
176	95 - 101% of 174	96.602	PASS
177	5 - 9% of 176	7.047	PASS

Form 5A

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Sequence:	T005434	Instrument:	HP5973S
		Calibration:	R10K091

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	T005434-TUN1	S1792.D	11/30/10 09:45
Calibration Check	T005434-CCV1	S1793.D	11/30/10 10:08
Calibration Check	T005434-CCV2	S1794.D	11/30/10 10:29
LCS	10K2674-BS1	S1795.D	11/30/10 10:50
Blank	10K2674-BLK1	S1796.D	11/30/10 11:11
MW-1	RTK1380-01	S1805.D	11/30/10 15:03
MW-2	RTK1380-02	S1806.D	11/30/10 15:25
MW-3R	RTK1380-03	S1807.D	11/30/10 15:46
X-1	RTK1380-05	S1809.D	11/30/10 16:29
TRIP BLANK	RTK1380-06	S1810.D	11/30/10 16:50

Form 5

MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Lab File ID:	S1821.D	Injection Date:	11/30/10
Instrument ID:	HP5973S	Injection Time:	21:40
Sequence:	T005455	Lab Sample ID:	T005455-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	16.516	PASS
75	30 - 60% of 95	45.27	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.5808	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	79.806	PASS
175	5 - 9% of 174	7.1774	PASS
176	95 - 101% of 174	95.073	PASS
177	5 - 9% of 176	6.6967	PASS

Form 5A

ANALYSIS BATCH (SEQUENCE) SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Sequence:	T005455	Instrument:	HP5973S
		Calibration:	R10K091

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
MS Tune	T005455-TUN1	S1821.D	11/30/10 21:40
Calibration Check	T005455-CCV1	S1822.D	11/30/10 22:02
Calibration Check	T005455-CCV2	S1823.D	11/30/10 22:23
LCS	10K2778-BS1	S1824.D	11/30/10 22:44
Blank	10K2778-BLK1	S1825.D	11/30/10 23:06
MW-5	RTK1380-04	S1828.D	12/01/10 00:22

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Sequence:	T005434	Instrument:	HP5973S
Matrix:	Water	Calibration:	R10K091

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (T005434-CCV1)			Lab File ID: S1793.D			Analyzed: 11/30/10 10:08			
1,4-Dichlorobenzene-d4	271855	9				50 - 200		+/-0.50	
1,4-Difluorobenzene	567241	4.93				50 - 200		+/-0.50	
Chlorobenzene-d5	272887	7.13				50 - 200		+/-0.50	
LCS (10K2674-BS1)			Lab File ID: S1795.D			Analyzed: 11/30/10 10:50			
1,4-Dichlorobenzene-d4	276508	9	271855	9	102	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	568725	4.93	567241	4.93	100	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	275305	7.13	272887	7.13	101	50 - 200	0.0000	+/-0.50	
Blank (10K2674-BLK1)			Lab File ID: S1796.D			Analyzed: 11/30/10 11:11			
1,4-Dichlorobenzene-d4	252495	9	271855	9	93	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	547766	4.93	567241	4.93	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	252618	7.13	272887	7.13	93	50 - 200	0.0000	+/-0.50	
MW-1 (RTK1380-01)			Lab File ID: S1805.D			Analyzed: 11/30/10 15:03			
1,4-Dichlorobenzene-d4	303602	9	271855	9	112	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	655520	4.93	567241	4.93	116	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	305268	7.13	272887	7.13	112	50 - 200	0.0000	+/-0.50	
MW-2 (RTK1380-02)			Lab File ID: S1806.D			Analyzed: 11/30/10 15:25			
1,4-Dichlorobenzene-d4	296515	9	271855	9	109	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	638619	4.93	567241	4.93	113	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	290707	7.13	272887	7.13	107	50 - 200	0.0000	+/-0.50	
MW-3R (RTK1380-03)			Lab File ID: S1807.D			Analyzed: 11/30/10 15:46			
1,4-Dichlorobenzene-d4	288714	9	271855	9	106	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	629699	4.93	567241	4.93	111	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	291035	7.13	272887	7.13	107	50 - 200	0.0000	+/-0.50	
X-1 (RTK1380-05)			Lab File ID: S1809.D			Analyzed: 11/30/10 16:29			
1,4-Dichlorobenzene-d4	292994	9	271855	9	108	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	643431	4.93	567241	4.93	113	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	299598	7.13	272887	7.13	110	50 - 200	0.0000	+/-0.50	
TRIP BLANK (RTK1380-06)			Lab File ID: S1810.D			Analyzed: 11/30/10 16:50			
1,4-Dichlorobenzene-d4	284423	9	271855	9	105	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	631132	4.93	567241	4.93	111	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	287006	7.13	272887	7.13	105	50 - 200	0.0000	+/-0.50	

* Values outside of QC limits

Form 8

INTERNAL STANDARD AREA AND RT SUMMARY

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Sequence:	T005455	Instrument:	HP5973S
Matrix:	Water	Calibration:	R10K091

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Calibration Check (T005455-CCV1)			Lab File ID: S1822.D			Analyzed: 11/30/10 22:02			
1,4-Dichlorobenzene-d4	293655	9				50 - 200		+/-0.50	
1,4-Difluorobenzene	625254	4.93				50 - 200		+/-0.50	
Chlorobenzene-d5	298495	7.13				50 - 200		+/-0.50	
LCS (10K2778-BS1)			Lab File ID: S1824.D			Analyzed: 11/30/10 22:44			
1,4-Dichlorobenzene-d4	288001	9	293655	9	98	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	616867	4.93	625254	4.93	99	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	282682	7.13	298495	7.13	95	50 - 200	0.0000	+/-0.50	
Blank (10K2778-BLK1)			Lab File ID: S1825.D			Analyzed: 11/30/10 23:06			
1,4-Dichlorobenzene-d4	274068	9	293655	9	93	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	590980	4.93	625254	4.93	95	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	270799	7.13	298495	7.13	91	50 - 200	0.0000	+/-0.50	
MW-5 (RTK1380-04)			Lab File ID: S1828.D			Analyzed: 12/01/10 00:22			
1,4-Dichlorobenzene-d4	278521	9	293655	9	95	50 - 200	0.0000	+/-0.50	
1,4-Difluorobenzene	605806	4.93	625254	4.93	97	50 - 200	0.0000	+/-0.50	
Chlorobenzene-d5	278979	7.13	298495	7.13	93	50 - 200	0.0000	+/-0.50	

* Values outside of QC limits

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: TestAmerica Buffalo **SDG:** RTK1380

Client: HRP Engineering, PC **Project:** 710 Ohio Street, Buffalo, NY

Matrix: Water **Instrument:** HP5973S

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.82	1.0	ug/L
1,1,2,2-Tetrachloroethane	0.21	1.0	ug/L
1,1,2-Trichloroethane	0.23	1.0	ug/L
1,1,2-Trichlorotrifluoroethane	0.31	1.0	ug/L
1,1-Dichloroethane	0.38	1.0	ug/L
1,1-Dichloroethene	0.29	1.0	ug/L
1,2,4-Trichlorobenzene	0.41	1.0	ug/L
1,2,4-Trimethylbenzene	0.75	1.0	ug/L
1,2-Dibromo-3-chloropropane	0.39	1.0	ug/L
1,2-Dibromoethane (EDB)	0.73	1.0	ug/L
1,2-Dichlorobenzene	0.79	1.0	ug/L
1,2-Dichloroethane	0.21	1.0	ug/L
1,2-Dichloropropane	0.72	1.0	ug/L
1,3,5-Trimethylbenzene	0.77	1.0	ug/L
1,3-Dichlorobenzene	0.78	1.0	ug/L
1,4-Dichlorobenzene	0.84	1.0	ug/L
1,4-Dioxane	9.3	40	ug/L
2-Butanone (MEK)	1.3	10	ug/L
2-Hexanone	1.2	5.0	ug/L
4-Isopropyltoluene	0.31	1.0	ug/L
4-Methyl-2-pentanone (MIBK)	2.1	5.0	ug/L
Acetone	3.0	10	ug/L
Benzene	0.41	1.0	ug/L
Bromodichloromethane	0.39	1.0	ug/L
Bromoform	0.26	1.0	ug/L
Bromomethane	0.69	1.0	ug/L
Carbon disulfide	0.19	1.0	ug/L
Carbon Tetrachloride	0.27	1.0	ug/L
Chlorobenzene	0.75	1.0	ug/L
Chlorodibromomethane	0.32	1.0	ug/L
Chloroethane	0.32	1.0	ug/L
Chloroform	0.34	1.0	ug/L
Chloromethane	0.35	1.0	ug/L
cis-1,2-Dichloroethene	0.81	1.0	ug/L
cis-1,3-Dichloropropene	0.36	1.0	ug/L
Cyclohexane	0.18	1.0	ug/L
Dichlorodifluoromethane	0.68	1.0	ug/L
Ethylbenzene	0.74	1.0	ug/L

METHOD DETECTION AND REPORTING LIMITS

8260B

Laboratory: TestAmerica Buffalo **SDG:** RTK1380

Client: HRP Engineering, PC **Project:** 710 Ohio Street, Buffalo, NY

Matrix: Water **Instrument:** HP5973S

Analyte	MDL	MRL	Units
Isopropylbenzene	0.79	1.0	ug/L
Methyl Acetate	0.50	1.0	ug/L
Methyl tert-Butyl Ether	0.16	1.0	ug/L
Methylcyclohexane	0.16	1.0	ug/L
Methylene Chloride	0.44	1.0	ug/L
Naphthalene	0.43	1.0	ug/L
n-Butylbenzene	0.64	1.0	ug/L
n-Propylbenzene	0.69	1.0	ug/L
sec-Butylbenzene	0.75	1.0	ug/L
Styrene	0.73	1.0	ug/L
tert-Butylbenzene	0.81	1.0	ug/L
Tetrachloroethene	0.36	1.0	ug/L
Toluene	0.51	1.0	ug/L
trans-1,2-Dichloroethene	0.90	1.0	ug/L
trans-1,3-Dichloropropene	0.37	1.0	ug/L
Trichloroethene	0.46	1.0	ug/L
Trichlorofluoromethane	0.88	1.0	ug/L
Vinyl chloride	0.90	1.0	ug/L
Xylenes, total	0.66	2.0	ug/L

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

MW-1

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-01	File ID:	S1805.D
Sampled:	11/18/10 11:20	Prepared:	11/30/10 11:28	Analyzed:	11/30/10 15:03
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
99-87-6	4-Isopropyltoluene	1	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	7.1	
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

MW-1

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-01	File ID:	S1805.D
Sampled:	11/18/10 11:20	Prepared:	11/30/10 11:28	Analyzed:	11/30/10 15:03
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	7.0	
75-09-2	Methylene Chloride	1	1.0	U
91-20-3	Naphthalene	1	1.0	U
104-51-8	n-Butylbenzene	1	1.0	U
103-65-1	n-Propylbenzene	1	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	U
100-42-5	Styrene	1	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	27.3	109	66 - 137	
4-Bromofluorobenzene	25.0	25.7	103	73 - 120	
Toluene-d8	25.0	28.7	115	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	303602	9	271855	9	
1,4-Difluorobenzene	655520	4.93	567241	4.93	
Chlorobenzene-d5	305268	7.13	272887	7.13	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1805.D Vial: 14
Acq On : 30 Nov 2010 15:03 Operator: DHC
Sample : RTK1380-01 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 16:46:01 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

	Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.93	114	655520	25.00	ug/L	0.00 115.56%
42)	CI20 Chlorobenzene-D5	7.13	82	305268	25.00	ug/L	0.00 111.87%
62)	CI30 1,4-Dichlorobenzene-	9.00	152	303602	25.00	ug/L	0.00 111.68%
	System Monitoring Compounds						
30)	CS15 1,2-Dichloroethane-D	4.64	65	251267	27.29	ug/L	0.00
	Spiked Amount 25.000	Range 66 - 137		Recovery = 109.16%			
43)	CS05 Toluene-D8	6.02	98	781352	28.71	ug/L	0.00
	Spiked Amount 25.000	Range 71 - 126		Recovery = 114.84%			
61)	CS10 p-Bromofluorobenzene	8.07	174	237083	25.74	ug/L	0.00
	Spiked Amount 25.000	Range 73 - 120		Recovery = 102.96%			
	Target Compounds						Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010 Chloromethane	0.00	50	0	N.D.		
4)	C020 Vinyl chloride	1.50	62	1824	N.D.		
5)	C015 Bromomethane	0.00	94	0	N.D.		
6)	C025 Chloroethane	1.89	64	32951	7.10	ug/L	87
7)	C275 Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9)	C030 Methylene chloride	3.02	84	136	N.D.		
10)	C040 Carbon disulfide	2.71	76	128	N.D.		
11)	C036 Acrolein	0.00	56	0	N.D.		
12)	C038 Acrylonitrile	0.00	53	0	N.D.		
13)	C035 Acetone	2.65	43	2441	0.73	ug/L #	43
14)	C300 Acetonitrile	2.93	41	49482	35.62	ug/L #	48
15)	C276 Iodomethane	0.00	142	0	N.D.		
16)	C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057 trans-1,2-Dichloro	3.17	96	529	N.D.		
19)	C255 Methyl Acetate	2.92	43	124370	11.16	ug/L #	56
20)	C050 1,1-Dichloroethane	3.54	63	2114	N.D.		
21)	C125 Vinyl Acetate	3.55	43	506	N.D.		
22)	C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23)	C056 cis-1,2-Dichloroet	4.00	96	1972	N.D.		
24)	C272 Tetrahydrofuran	4.23	42	3551	1.08	ug/L #	1
25)	C222 Bromochloromethane	0.00	128	0	N.D.		
26)	C060 Chloroform	0.00	83	0	N.D.		
27)	C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28)	C120 Carbon tetrachlori	0.00	117	0	N.D.		
29)	C116 1,1-Dichloropropen	0.00	75	0	N.D.		
31)	C165 Benzene	4.63	78	3015	N.D.		
32)	C065 1,2-Dichloroethane	4.69	62	323	N.D.		
33)	C110 2-Butanone	4.08	43	831	N.D.		
34)	C256 Cyclohexane	4.37	56	93601	5.95	ug/L #	25
35)	C150 Trichloroethene	5.17	95	8184	0.86	ug/L #	1
36)	C140 1,2-Dichloropropan	5.39	63	882	N.D.		
37)	C278 Dibromomethane	5.39	93	506	N.D.		
38)	C130 Bromodichloromethane	5.49	83	12017	1.05	ug/L #	46
39)	C161 2-Chloroethylvinyl	5.76	63	2391	N.D.		

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1805.D Vial: 14
Acq On : 30 Nov 2010 15:03 Operator: DHC
Sample : RTK1380-01 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 16:46:01 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	5.17	83	113417	7.05 ug/L #	35
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	6.07	92	1370	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	6.29	69	9587	0.75 ug/L #	40
47) C160	1,1,2-Trichloroethan	6.30	83	4637	0.69 ug/L #	1
48) C210	4-Methyl-2-pentano	5.93	43	1360	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.62	43	1993	N.D.	
54) C235	Chlorobenzene	7.16	112	3073	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.31	91	1679	N.D.	
57) C246	m,p-Xylene	7.31	106	722	N.D.	
58) C247	o-Xylene	0.00	106	0	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
60) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.91	105	508	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
68) C302	n-Propylbenzene	8.24	91	826	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.31	105	2640	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylben	8.69	105	3732	N.D.	
74) C308	sec-Butylbenzene	8.69	105	3732	N.D.	
75) C260	1,3-Dichlorobenzen	8.94	146	352	N.D.	
76) C309	4-Isopropyltoluene	8.94	119	145	N.D.	
77) C267	1,4-Dichlorobenzen	8.94	146	352	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	9.21	91	411	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.87	128	4514	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1805.D Vial: 14
Acq On : 30 Nov 2010 15:03 Operator: DHC
Sample : RTK1380-01 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 30 22:05:51 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

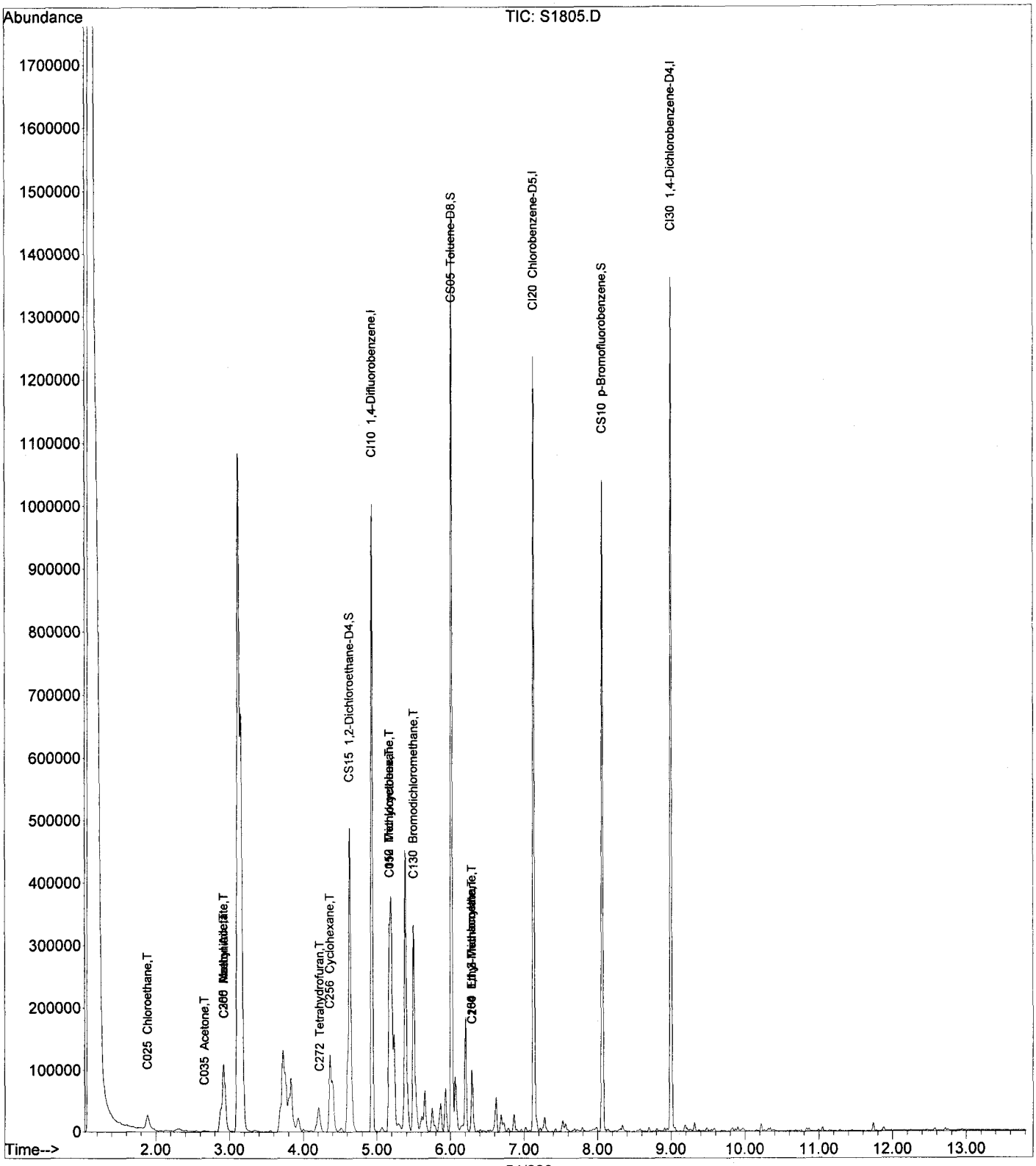
Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	655520	25.00 ug/L		0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	566386	25.00 ug/L		0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	303602	25.00 ug/L		0.00 NA%
Target Compounds							Qvalue
2) C297	Chlorodifluorometh	0.00	51	0	N.D.		
3) C294	Dichlorofluorometh	0.00	67	0	N.D.		
4) C271	Ethyl Ether	2.32	59	523	N.D.		
5) C 2-Propanol		0.00	45	0	N.D.		
6) C959	t-Butyl Alcohol	3.15	59	6421	5.89 ug/L		100
7) C277	Allyl Chloride	0.00	41	0	N.D.		
8) C279	Chloroprene	0.00	53	0	N.D.		
9) E678	Ethyl tert-butyl e	0.00	59	0	N.D.		
10) C305	Propionitrile	0.00	54	0	N.D.		
11) C258	Ethyl Acetate	0.00	43	0	N.D.		
12) C266	Methacrylonitrile	4.20	41	9545	1.56 ug/L	#	47
13) C264	Isopropyl ether	3.56	45	1160	N.D.		
14) C200	Isobutanol	4.60	43	72540	136.74 ug/L	#	58
15) E677	2-Methoxy-2-methyl	0.00	73	0	N.D.		
16) C252	Heptane	0.00	43	0	N.D.		
17) C911	n-Butanol	5.17	56	139175	369.66 ug/L	#	72
18) C293	Methyl Methacrylate	5.38	41	60028	7.88 ug/L	#	70
19) C273	Propylene Oxide	0.00	58	0	N.D.		
20) C270	Epichlorohydrin	5.88	57	1960	1.71 ug/L	#	55
21) C251	1,1-Dimethoxyethan	0.00	75	0	N.D.		
22) C261	Hexane	0.00	57	0	N.D.		
24) C268	1,4 Dioxane	0.00	88	0	N.D.		
26) C292	2-Nitropropane	5.75	43	6395	2.30 ug/L	#	32
27) C511	2-Methylthiopene	6.02	97	28570	1.12 ug/L	#	1
28) C512	3-Methylthiopene	6.29	97	34060	1.29 ug/L	#	43
29) C969	3-Chlorobenzotrifl	0.00	180	0	N.D.		
30) C970	4-Chlorobenzotrifl	0.00	180	0	N.D.		
31) C968	2-Chlorobenzotrifl	0.00	180	0	N.D.		
32) C287	3-Chlorotoluene	0.00	126	0	N.D.		
33) C285	Cyclohexanone	8.06	55	1917	1.00 ug/L	#	23
34) C799	Dicyclopentadiene	9.00	66	5439	N.D.		
35) C801	1,2,3-Trimethylben	9.05	105	907	N.D.		
36) C285	Pentachloroethane	0.00	167	0	N.D.		
37) C 1,3,5-Trichlorobenzen		0.00	180	0	N.D.		

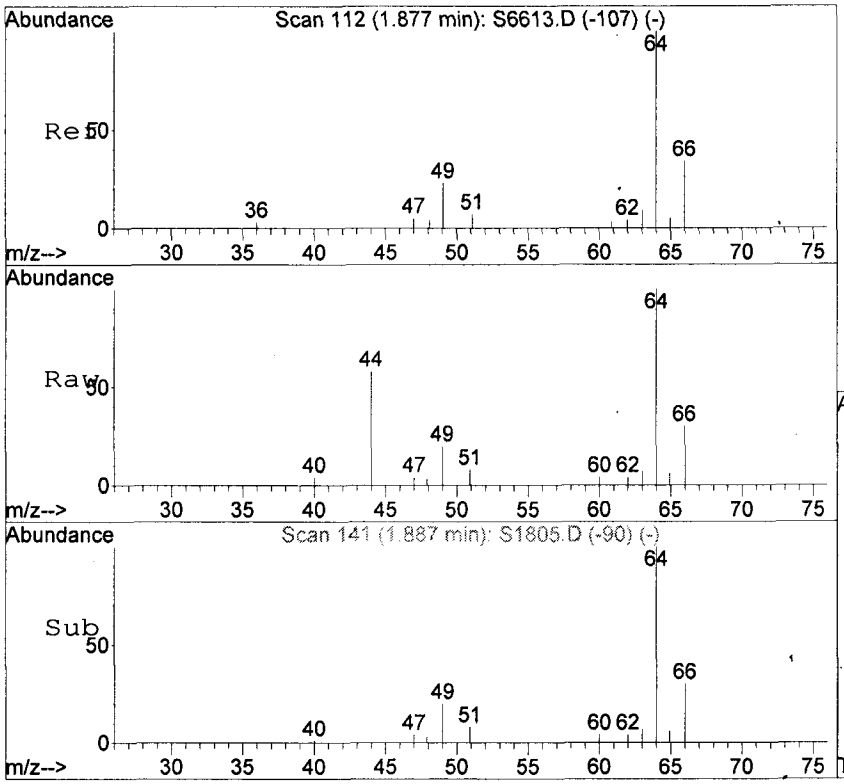
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1805.D Vial: 14
Acq On : 30 Nov 2010 15:03 Operator: DHC
Sample : RTK1380-01 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 16:46:01 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA

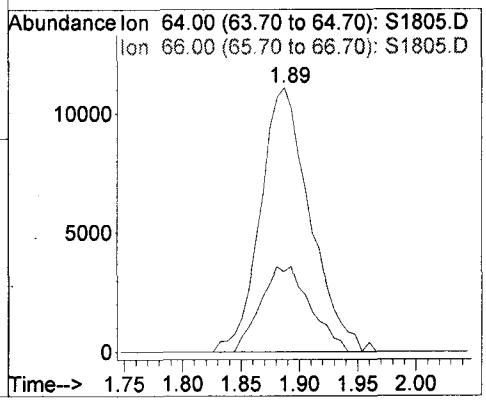


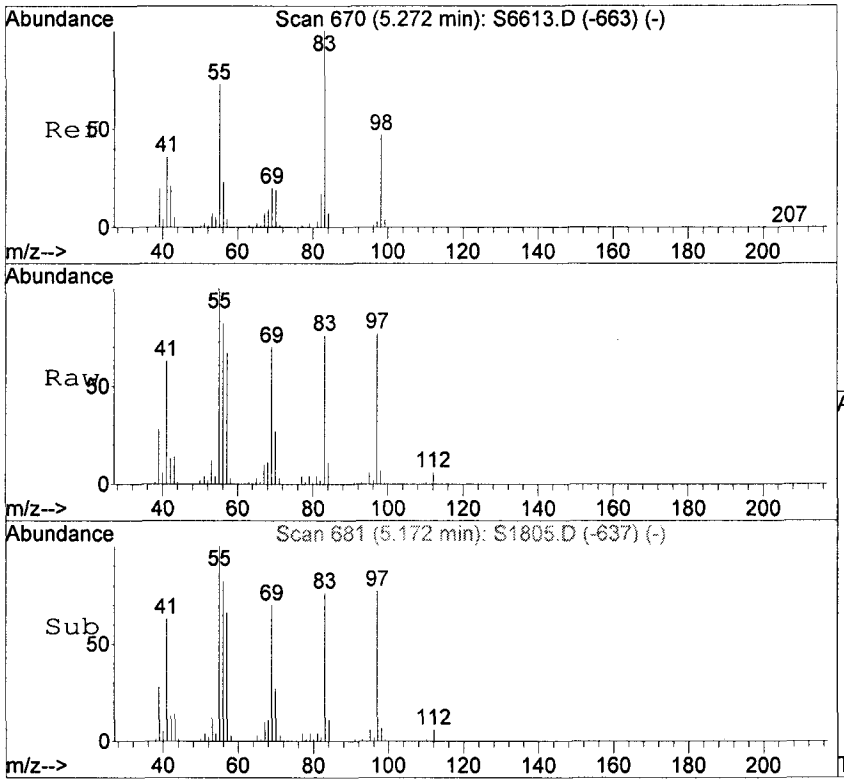


#6
C025 Chloroethane
Concen: 7.10 ug/L
RT: 1.89 min Scan# 141
Delta R.T. 0.01 min
Lab File: S1805.D
Acq: 30 Nov 2010 15:03

Tgt Ion: 64 Resp: 32951

Ion	Ratio	Lower	Upper
64	100		
66	30.3	8.3	68.3

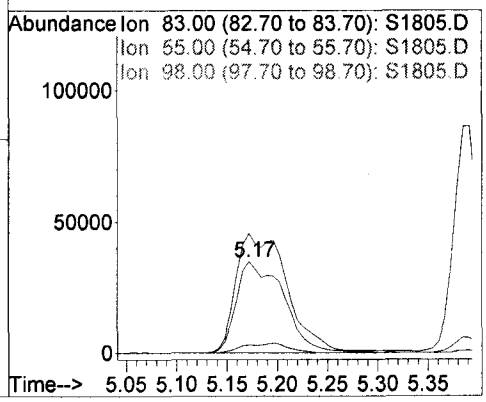




#40
C012 Methylcyclohexane
Concen: 7.05 ug/L
RT: 5.17 min Scan# 681
Delta R.T. -0.03 min
Lab File: S1805.D
Acq: 30 Nov 2010 15:03

Tgt Ion: 83 Resp: 113417

Ion	Ratio	Lower	Upper
83	100		
55	143.8	65.8	98.6#
98	10.0	40.2	60.4#



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

MW-2

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-02	File ID:	S1806.D
Sampled:	11/18/10 12:30	Prepared:	11/30/10 11:28	Analyzed:	11/30/10 15:25
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	0.91	J
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
99-87-6	4-Isopropyltoluene	1	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U

Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

MW-2

Laboratory: TestAmerica Buffalo | SDG: RTK1380

Client: HRP Engineering, PC | Project: 710 Ohio Street, Buffalo, NY

Matrix: Water | Laboratory ID: RTK1380-02 | File ID: S1806.D

Sampled: 11/18/10 12:30 | Prepared: 11/30/10 11:28 | Analyzed: 11/30/10 15:25

Solids: | Preparation: 5030B MS | Initial/Final: 5 mL / 5 mL

Batch: 10K2674 | Sequence: T005434 | Calibration: R10K091 | Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
91-20-3	Naphthalene	1	1.0	U
104-51-8	n-Butylbenzene	1	1.0	U
103-65-1	n-Propylbenzene	1	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	U
100-42-5	Styrene	1	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	27.3	109	66 - 137	
4-Bromofluorobenzene	25.0	26.4	105	73 - 120	
Toluene-d8	25.0	28.7	115	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	296515	9	271855	9	
1,4-Difluorobenzene	638619	4.93	567241	4.93	
Chlorobenzene-d5	290707	7.13	272887	7.13	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1806.D Vial: 15
Acq On : 30 Nov 2010 15:25 Operator: DHC
Sample : RTK1380-02 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 16:46:07 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

S+S MLS 11/30/10 NO KDD

	Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.93	114	638619	25.00 ug/L	0.00 112.58%
42)	CI20 Chlorobenzene-D5	7.13	82	290707	25.00 ug/L	0.00 106.53%
62)	CI30 1,4-Dichlorobenzene-	9.00	152	296515	25.00 ug/L	0.00 109.07%
	System Monitoring Compounds					
30)	CS15 1,2-Dichloroethane-D	4.63	65	244820	27.29 ug/L	0.00
	Spiked Amount 25.000	Range 66 - 137		Recovery = 109.16%		
43)	CS05 Toluene-D8	6.02	98	742782	28.66 ug/L	0.00
	Spiked Amount 25.000	Range 71 - 126		Recovery = 114.64%		
61)	CS10 p-Bromofluorobenzene	8.07	174	231244	26.36 ug/L	0.00
	Spiked Amount 25.000	Range 73 - 120		Recovery = 105.44%		
	Target Compounds					Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0	N.D.	
3)	C010 Chloromethane	0.00	50	0	N.D.	
4)	C020 Vinyl chloride	0.00	62	0	N.D.	
5)	C015 Bromomethane	0.00	94	0	N.D.	
6)	C025 Chloroethane	0.00	64	0	N.D.	
7)	C275 Trichlorofluoromet	0.00	101	0	N.D.	
8)	C045 1,1-Dichloroethene	0.00	96	0	N.D.	
9)	C030 Methylene chloride	0.00	84	0	N.D.	
10)	C040 Carbon disulfide	2.71	76	137	N.D.	
11)	C036 Acrolein	0.00	56	0	N.D.	
12)	C038 Acrylonitrile	0.00	53	0	N.D.	
13)	C035 Acetone	~~2.65~~	~~43~~	~~2013~~	~~0.61 ug/L #~~	43
14)	C300 Acetonitrile	0.00	41	0	N.D.	
15)	C276 Iodomethane	0.00	142	0	N.D.	
16)	C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.	
18)	C057 trans-1,2-Dichloro	0.00	96	0	N.D.	
19)	C255 Methyl Acetate	0.00	43	0	N.D.	
20)	C050 1,1-Dichloroethane	3.54	63	13912	0.91 ug/L	/ 98
21)	C125 Vinyl Acetate	3.55	43	1333	N.D.	
22)	C051 2,2-Dichloropropan	0.00	77	0	N.D.	
23)	C056 cis-1,2-Dichloroet	0.00	96	0	N.D.	
24)	C272 Tetrahydrofuran	4.23	42	299	N.D.	
25)	C222 Bromochloromethane	0.00	128	0	N.D.	
26)	C060 Chloroform	0.00	83	0	N.D.	
27)	C115 1,1,1-Trichloroeth	0.00	97	0	N.D.	
28)	C120 Carbon tetrachlori	0.00	117	0	N.D.	
29)	C116 1,1-Dichloropropen	0.00	75	0	N.D.	
31)	C165 Benzene	0.00	78	0	N.D.	
32)	C065 1,2-Dichloroethane	0.00	62	0	N.D.	
33)	C110 2-Butanone	0.00	43	0	N.D.	
34)	C256 Cyclohexane	0.00	56	0	N.D.	
35)	C150 Trichloroethene	0.00	95	0	N.D.	
36)	C140 1,2-Dichloropropan	0.00	63	0	N.D.	
37)	C278 Dibromomethane	0.00	93	0	N.D.	
38)	C130 Bromodichlorometha	0.00	83	0	N.D.	
39)	C161 2-Chloroethylvinyl	5.76	63	2064	N.D.	

Amm 12/3/10

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1806.D Vial: 15
Acq On : 30 Nov 2010 15:25 Operator: DHC
Sample : RTK1380-02 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 16:46:07 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.06	92	2318	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.01	43	2796	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.31	91	1011	N.D.		
57) C246	m,p-Xylene	7.31	106	394	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
60) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
68) C302	n-Propylbenzene	8.06	91	746	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.39	105	137	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.69	105	1930	N.D.		
74) C308	sec-Butylbenzene	8.69	105	1930	N.D.		
75) C260	1,3-Dichlorobenzen	8.94	146	885	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	8.94	146	885	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	10.86	128	1741	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1806.D Vial: 15
Acq On : 30 Nov 2010 15:25 Operator: DHC
Sample : RTK1380-02 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 30 22:05:56 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

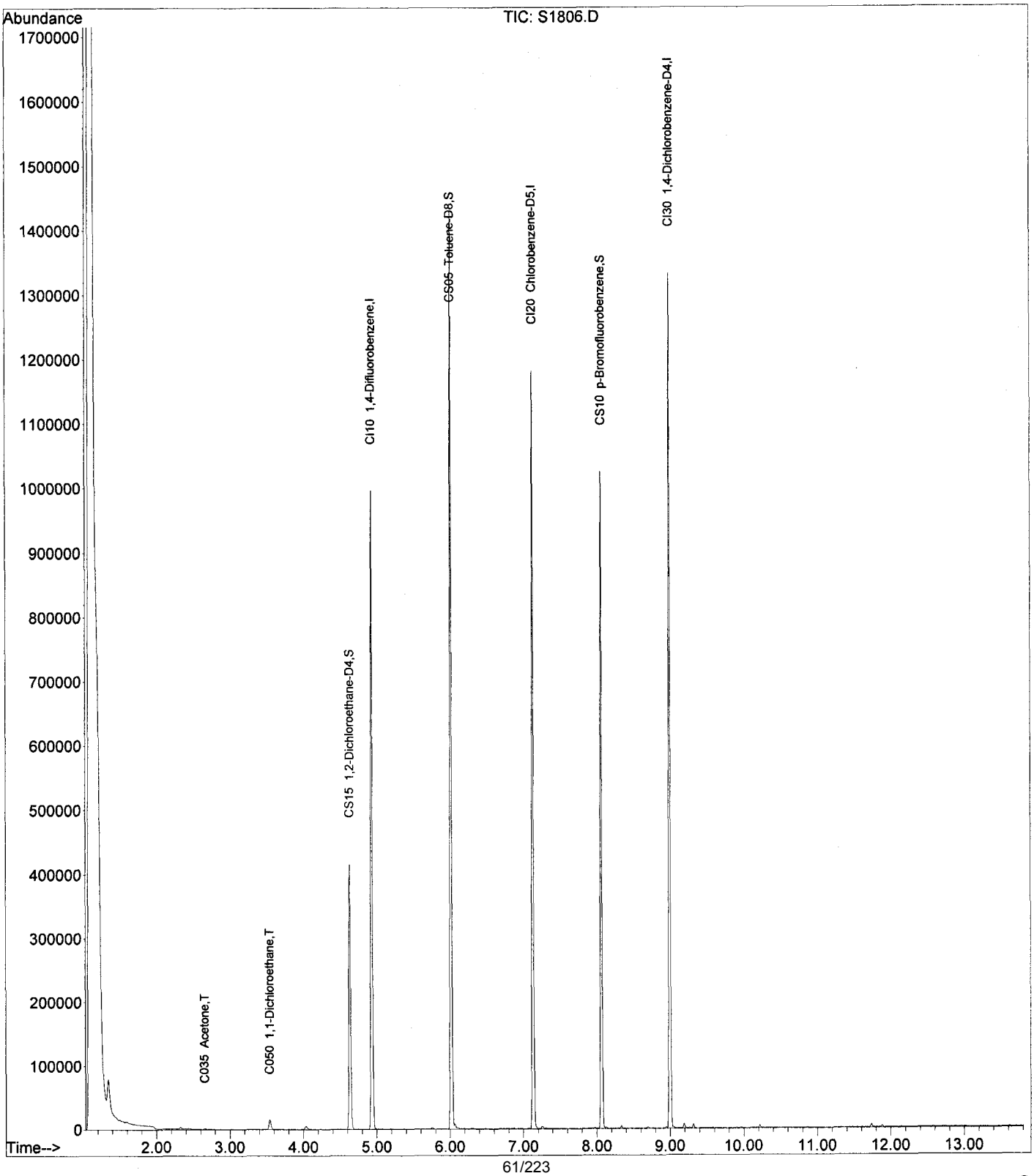
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	638619	25.00 ug/L	0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	544929	25.00 ug/L	0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	296515	25.00 ug/L	0.00 NA%
Target Compounds						Qvalue
2) C297	Chlorodifluorometh	0.00	51	0	N.D.	
3) C294	Dichlorofluorometh	0.00	67	0	N.D.	
4) C271	Ethyl Ether	2.32	59	1045	N.D.	
5) C 2-Propanol		0.00	45	0	N.D.	
6) C959	t-Butyl Alcohol	0.00	59	0	N.D.	
7) C277	Allyl Chloride	0.00	41	0	N.D.	
8) C279	Chloroprene	0.00	53	0	N.D.	
9) E678	Ethyl tert-butyl e	0.00	59	0	N.D.	
10) C305	Propionitrile	0.00	54	0	N.D.	
11) C258	Ethyl Acetate	0.00	43	0	N.D.	
12) C266	Methacrylonitrile	0.00	41	0	N.D.	
13) C264	Isopropyl ether	3.56	45	2678	N.D.	
14) C200	Isobutanol	0.00	43	0	N.D.	
15) E677	2-Methoxy-2-methyl	0.00	73	0	N.D.	
16) C252	Heptane	0.00	43	0	N.D.	
17) C911	n-Butanol	0.00	56	0	N.D.	
18) C293	Methyl Methacrylat	0.00	41	0	N.D.	
19) C273	Propylene Oxide	0.00	58	0	N.D.	
20) C270	Epichlorohydrin	0.00	57	0	N.D.	
21) C251	1,1-Dimethoxyethan	0.00	75	0	N.D.	
22) C261	Hexane	0.00	57	0	N.D.	
24) C268	1,4 Dioxane	0.00	88	0	N.D.	
26) C292	2-Nitropropane	0.00	43	0	N.D.	
27) C511	2-Methylthiopene	6.02	97	26565	1.07 ug/L #	1
28) C512	3-Methylthiopene	0.00	97	0	N.D.	
29) C969	3-Chlorobenzotrifl	0.00	180	0	N.D.	
30) C970	4-Chlorobenzotrifl	0.00	180	0	N.D.	
31) C968	2-Chlorobenzotrifl	0.00	180	0	N.D.	
32) C287	3-Chlorotoluene	0.00	126	0	N.D.	
33) C285	Cyclohexanone	8.06	55	525	N.D.	
34) C799	Dicyclopentadiene	8.99	66	5409	N.D.	
35) C801	1,2,3-Trimethylben	9.05	105	511	N.D.	
36) C285	Pentachloroethane	0.00	167	0	N.D.	
37) C 1,3,5-Trichlorobenzen		0.00	180	0	N.D.	

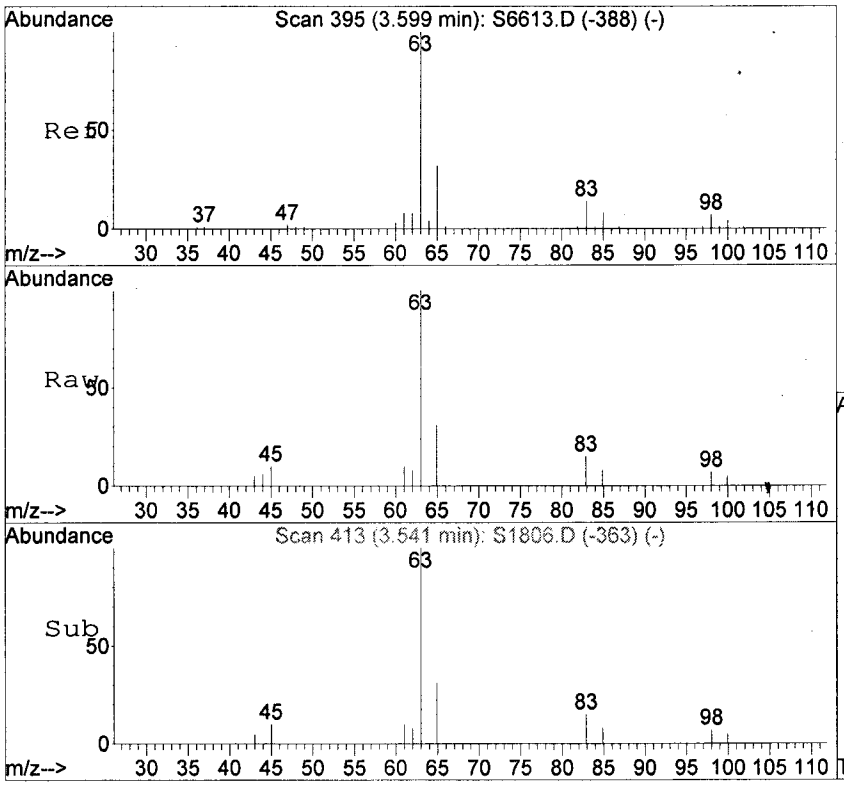
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1806.D Vial: 15
Acq On : 30 Nov 2010 15:25 Operator: DHC
Sample : RTK1380-02 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 16:46:07 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA

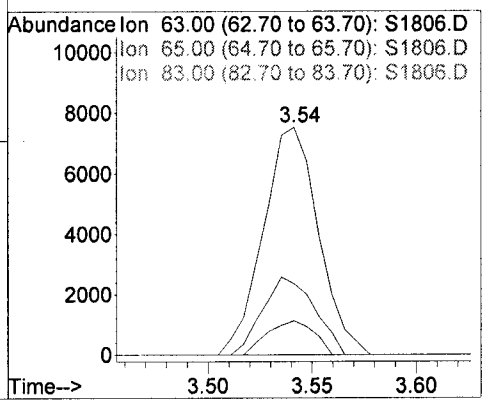




#20
C050 1,1-Dichloroethane
Concen: 0.91 ug/L
RT: 3.54 min Scan# 413
Delta R.T. 0.01 min
Lab File: S1806.D
Acq: 30 Nov 2010 15:25

Tgt Ion: 63 Resp: 13912

Ion	Ratio	Lower	Upper
63	100		
65	31.4	1.5	61.5
83	14.9	0.0	43.0



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

MW-3R

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-03	File ID:	S1807.D
Sampled:	11/18/10 13:15	Prepared:	11/30/10 11:28	Analyzed:	11/30/10 15:46
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
99-87-6	4-Isopropyltoluene	1	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

MW-3R

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-03	File ID:	S1807.D
Sampled:	11/18/10 13:15	Prepared:	11/30/10 11:28	Analyzed:	11/30/10 15:46
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
91-20-3	Naphthalene	1	1.0	U
104-51-8	n-Butylbenzene	1	1.0	U
103-65-1	n-Propylbenzene	1	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	U
100-42-5	Styrene	1	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	27.9	111	66 - 137	
4-Bromofluorobenzene	25.0	25.8	103	73 - 120	
Toluene-d8	25.0	29.0	116	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	288714	9	271855	9	
1,4-Difluorobenzene	629699	4.93	567241	4.93	
Chlorobenzene-d5	291035	7.13	272887	7.13	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1807.D Vial: 16
Acq On : 30 Nov 2010 15:46 Operator: DHC
Sample : RTK1380-03 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 16:46:13 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

S&E NDL 11/30/10 NOADD

	Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.93	114	629699	25.00	ug/L	0.00 111.01%
42)	CI20 Chlorobenzene-D5	7.13	82	291035	25.00	ug/L	0.00 106.65%
62)	CI30 1,4-Dichlorobenzene-	9.00	152	288714	25.00	ug/L	0.00 106.20%
	System Monitoring Compounds						
30)	CS15 1,2-Dichloroethane-D	4.64	65	246406	27.86	ug/L	0.00
	Spiked Amount 25.000	Range 66 - 137		Recovery = 111.44%			
43)	CS05 Toluene-D8	6.02	98	752665	29.01	ug/L	0.00
	Spiked Amount 25.000	Range 71 - 126		Recovery = 116.04%			
61)	CS10 p-Bromofluorobenzene	8.07	174	226804	25.83	ug/L	0.00
	Spiked Amount 25.000	Range 73 - 120		Recovery = 103.32%			
	Target Compounds						Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0	N.D.		
3)	C010 Chloromethane	0.00	50	0	N.D.		
4)	C020 Vinyl chloride	0.00	62	0	N.D.		
5)	C015 Bromomethane	0.00	94	0	N.D.		
6)	C025 Chloroethane	0.00	64	0	N.D.		
7)	C275 Trichlorofluoromet	0.00	101	0	N.D.		
8)	C045 1,1-Dichloroethene	0.00	96	0	N.D.		
9)	C030 Methylene chloride	3.02	84	274	N.D.		
10)	C040 Carbon disulfide	0.00	76	0	N.D.		
11)	C036 Acrolein	0.00	56	0	N.D.		
12)	C038 Acrylonitrile	0.00	53	0	N.D.		
13)	C035 Acetone	2.65	43	3079	0.95	ug/L	92
14)	C300 Acetonitrile	0.00	41	0	N.D.		
15)	C276 Iodomethane	0.00	142	0	N.D.		
16)	C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.		
18)	C057 trans-1,2-Dichloro	0.00	96	0	N.D.		
19)	C255 Methyl Acetate	0.00	43	0	N.D.		
20)	C050 1,1-Dichloroethane	0.00	63	0	N.D.		
21)	C125 Vinyl Acetate	0.00	43	0	N.D.		
22)	C051 2,2-Dichloropropan	0.00	77	0	N.D.		
23)	C056 cis-1,2-Dichloroet	0.00	96	0	N.D.		
24)	C272 Tetrahydrofuran	0.00	42	0	N.D.		
25)	C222 Bromochloromethane	0.00	128	0	N.D.		
26)	C060 Chloroform	0.00	83	0	N.D.		
27)	C115 1,1,1-Trichloroeth	0.00	97	0	N.D.		
28)	C120 Carbon tetrachlori	0.00	117	0	N.D.		
29)	C116 1,1-Dichloropropen	0.00	75	0	N.D.		
31)	C165 Benzene	0.00	78	0	N.D.		
32)	C065 1,2-Dichloroethane	0.00	62	0	N.D.		
33)	C110 2-Butanone	0.00	43	0	N.D.		
34)	C256 Cyclohexane	0.00	56	0	N.D.		
35)	C150 Trichloroethene	0.00	95	0	N.D.		
36)	C140 1,2-Dichloropropan	0.00	63	0	N.D.		
37)	C278 Dibromomethane	0.00	93	0	N.D.		
38)	C130 Bromodichlorometha	0.00	83	0	N.D.		
39)	C161 2-Chloroethylvinyl	0.00	63	0	N.D.		

12/3/10

Data File : D:\MSDCHEM\S\DATA\113010\S1807.D Vial: 16
Acq On : 30 Nov 2010 15:46 Operator: DHC
Sample : RTK1380-03 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 16:46:13 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	6.07	92	1180	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.01	43	2785	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.31	91	612	N.D.		
57) C246	m,p-Xylene	7.31	106	149	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
60) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
68) C302	n-Propylbenzene	8.07	91	765	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	8.38	105	161	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.69	105	1158	N.D.		
74) C308	sec-Butylbenzene	8.69	105	1158	N.D.		
75) C260	1,3-Dichlorobenzen	8.94	146	202	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	8.94	146	202	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	10.86	128	1011	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1807.D Vial: 16
Acq On : 30 Nov 2010 15:46 Operator: DHC
Sample : RTK1380-03 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 30 22:06:01 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

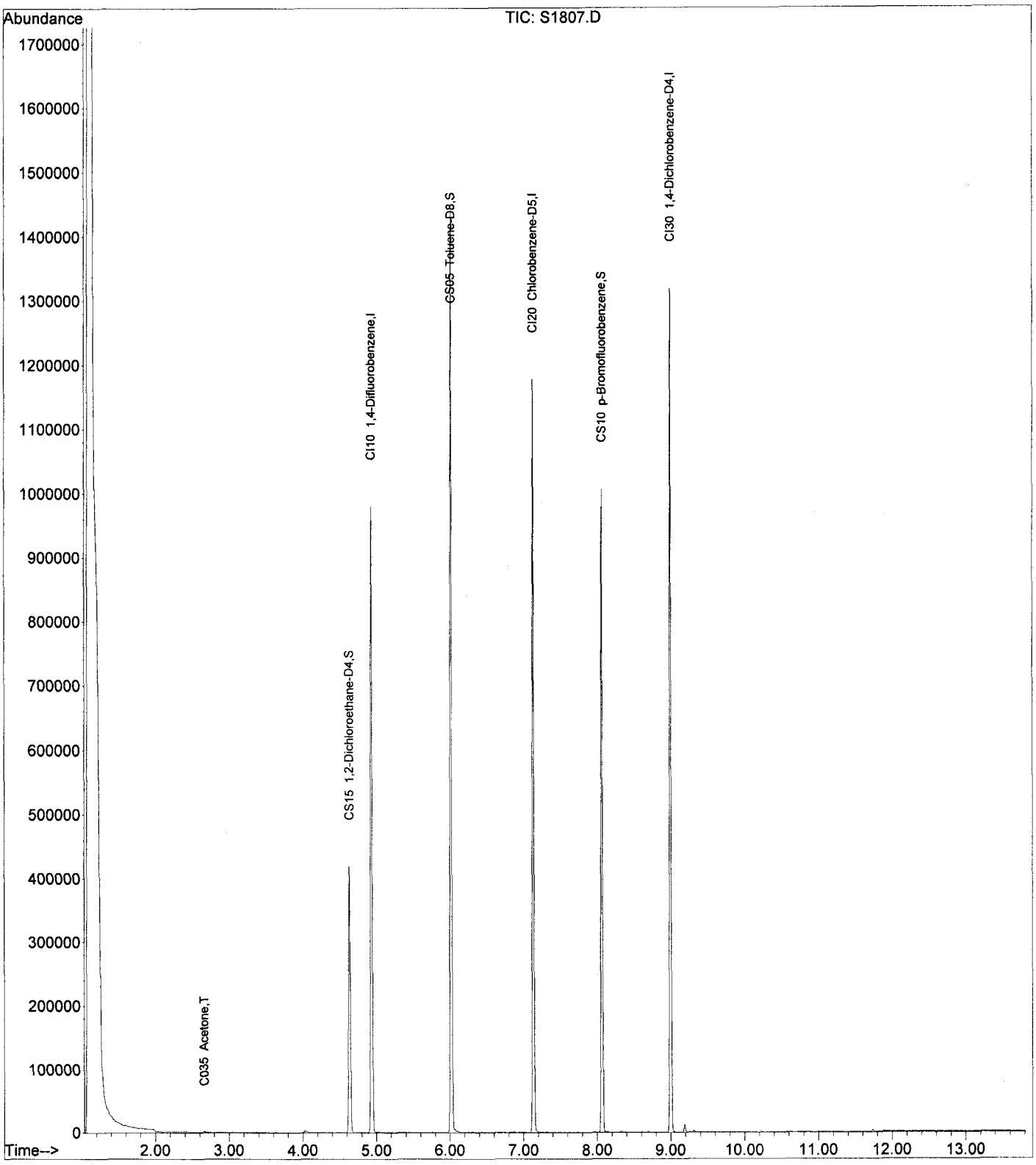
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	629699	25.00 ug/L	0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	541728	25.00 ug/L	0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	288714	25.00 ug/L	0.00 NA%
Target Compounds						Qvalue
2) C297	Chlorodifluorometh	0.00	51	0	N.D.	
3) C294	Dichlorofluorometh	0.00	67	0	N.D.	
4) C271	Ethyl Ether	0.00	59	0	N.D.	
5) C	2-Propanol	0.00	45	0	N.D.	
6) C959	t-Butyl Alcohol	0.00	59	0	N.D.	
7) C277	Allyl Chloride	0.00	41	0	N.D.	
8) C279	Chloroprene	0.00	53	0	N.D.	
9) E678	Ethyl tert-butyl e	0.00	59	0	N.D.	
10) C305	Propionitrile	0.00	54	0	N.D.	
11) C258	Ethyl Acetate	0.00	43	0	N.D.	
12) C266	Methacrylonitrile	0.00	41	0	N.D.	
13) C264	Isopropyl ether	0.00	45	0	N.D.	
14) C200	Isobutanol	0.00	43	0	N.D.	
15) E677	2-Methoxy-2-methyl	0.00	73	0	N.D.	
16) C252	Heptane	0.00	43	0	N.D.	
17) C911	n-Butanol	0.00	56	0	N.D.	
18) C293	Methyl Methacrylat	0.00	41	0	N.D.	
19) C273	Propylene Oxide	0.00	58	0	N.D.	
20) C270	Epichlorohydrin	0.00	57	0	N.D.	
21) C251	1,1-Dimethoxyethan	0.00	75	0	N.D.	
22) C261	Hexane	0.00	57	0	N.D.	
24) C268	1,4 Dioxane	0.00	88	0	N.D.	
26) C292	2-Nitropropane	0.00	43	0	N.D.	
27) C511	2-Methylthiopene	~~6.02~~	~~97~~	~~26794~~	~~1.11 ug/L #~~	1
28) C512	3-Methylthiopene	0.00	97	0	N.D.	
29) C969	3-Chlorobenzotrifl	0.00	180	0	N.D.	
30) C970	4-Chlorobenzotrifl	0.00	180	0	N.D.	
31) C968	2-Chlorobenzotrifl	0.00	180	0	N.D.	
32) C287	3-Chlorotoluene	0.00	126	0	N.D.	
33) C285	Cyclohexanone	8.07	55	609	N.D.	
34) C799	Dicyclopentadiene	9.00	66	5506	N.D.	
35) C801	1,2,3-Trimethylben	9.04	105	272	N.D.	
36) C285	Pentachloroethane	0.00	167	0	N.D.	
37) C	1,3,5-Trichlorobenzen	0.00	180	0	N.D.	

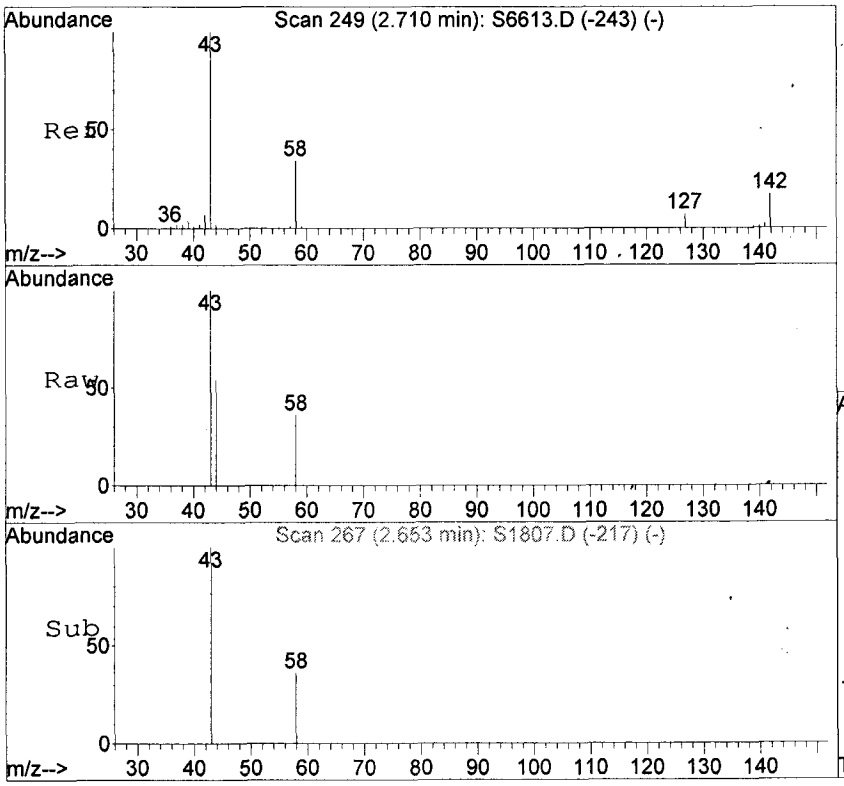
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1807.D Vial: 16
Acq On : 30 Nov 2010 15:46 Operator: DHC
Sample : RTK1380-03 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 16:46:13 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA

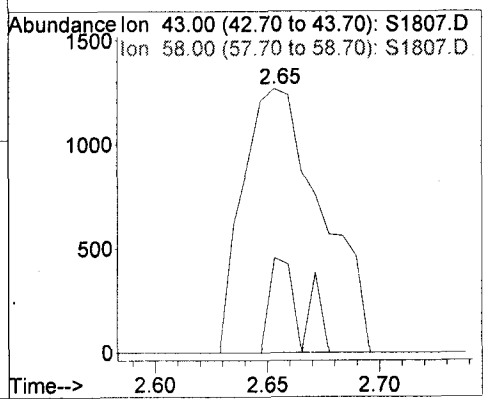




#13
C035 Acetone
Concen: 0.95 ug/L
RT: 2.65 min Scan# 267
Delta R.T. 0.01 min
Lab File: S1807.D
Acq: 30 Nov 2010 15:46

Tgt Ion: 43 Resp: 3079

Ion	Ratio	Lower	Upper
43	100		
58	35.9	1.4	61.4



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

MW-5

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-04	File ID:	S1828.D
Sampled:	11/18/10 11:55	Prepared:	11/30/10 21:21	Analyzed:	12/01/10 00:22
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2778	Sequence:	T005455	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
123-91-1	1,4-Dioxane	1	34	J
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
99-87-6	4-Isopropyltoluene	1	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	0.77	J
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

MW-5

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-04	File ID:	S1828.D
Sampled:	11/18/10 11:55	Prepared:	11/30/10 21:21	Analyzed:	12/01/10 00:22
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2778	Sequence:	T005455	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
91-20-3	Naphthalene	1	1.0	U
104-51-8	n-Butylbenzene	1	1.0	U
103-65-1	n-Propylbenzene	1	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	U
100-42-5	Styrene	1	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	28.0	112	66 - 137	
4-Bromofluorobenzene	25.0	26.2	105	73 - 120	
Toluene-d8	25.0	28.8	115	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	278521	9	293655	9	
1,4-Difluorobenzene	605806	4.93	625254	4.93	
Chlorobenzene-d5	278979	7.13	298495	7.13	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1828.D Vial: 8
Acq On : 1 Dec 2010 00:22 Operator: NMD
Sample : RTK1380-04 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 01 09:33:10 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 01 09:32:47 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1822.D (30 Nov 2010 22:02)

+Add

12/1/10

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	605806	25.00 ug/L	0.00 96.89%
42) CI20	Chlorobenzene-D5	7.13	82	278979	25.00 ug/L	0.00 93.46%
62) CI30	1,4-Dichlorobenzene-	9.00	152	278521	25.00 ug/L	0.00 94.85%
System Monitoring Compounds						
30) CS15	1,2-Dichloroethane-D	4.64	65	237926	27.96 ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	111.84%	
43) CS05	Toluene-D8	6.02	98	715543	28.77 ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	115.08%	
61) CS10	p-Bromofluorobenzene	8.07	174	220616	26.21 ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	104.84%	

Target Compounds						Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.	
3) C010	Chloromethane	0.00	50	0	N.D.	
4) C020	Vinyl chloride	1.50	62	618	N.D.	
5) C015	Bromomethane	0.00	94	0	N.D.	
6) C025	Chloroethane	1.89	64	3284	0.77 ug/L	84
7) C275	Trichlorofluoromet	0.00	101	0	N.D.	
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9) C030	Methylene chloride	3.03	84	480	N.D.	
10) C040	Carbon disulfide	0.00	76	0	N.D.	
11) C036	Acrolein	0.00	56	0	N.D.	
12) C038	Acrylonitrile	0.00	53	0	N.D.	
13) C035	Acetone	2.65	43	2547	0.82 ug/L	81
14) C300	Acetonitrile	2.91	41	420	N.D.	
15) C276	Iodomethane	0.00	142	0	N.D.	
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19) C255	Methyl Acetate	2.92	43	1864	N.D.	
20) C050	1,1-Dichloroethane	3.54	63	4353	N.D.	
21) C125	Vinyl Acetate	0.00	43	0	N.D.	
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23) C056	cis-1,2-Dichloroet	4.00	96	2070	N.D.	
24) C272	Tetrahydrofuran	4.23	42	3213	1.05 ug/L	89
25) C222	Bromochloromethane	0.00	128	0	N.D.	
26) C060	Chloroform	0.00	83	0	N.D.	
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28) C120	Carbon tetrachlori	0.00	117	0	N.D.	
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.	
31) C165	Benzene	4.64	78	413	N.D.	
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.	
33) C110	2-Butanone	4.08	43	142	N.D.	
34) C256	Cyclohexane	0.00	56	0	N.D.	
35) C150	Trichloroethene	0.00	95	0	N.D.	
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.	
37) C278	Dibromomethane	0.00	93	0	N.D.	
38) C130	Bromodichlorometha	0.00	83	0	N.D.	
39) C161	2-Chloroethylvinyl	5.76	63	1533	N.D.	

12/3/10

Data File : D:\MSDCHEM\S\DATA\113010\S1828.D Vial: 8
Acq On : 1 Dec 2010 00:22 Operator: NMD
Sample : RTK1380-04 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 01 09:33:10 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 01 09:32:47 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1822.D (30 Nov 2010 22:02)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	5.17	83	2590	N.D.	
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	6.07	92	1454	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	6.01	43	2742	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	0.00	43	0	N.D.	
54) C235	Chlorobenzene	7.16	112	296	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.31	91	737	N.D.	
57) C246	m,p-Xylene	7.31	106	168	N.D.	
58) C247	o-Xylene	0.00	106	0	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
60) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	0.00	105	0	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
68) C302	n-Propylbenzene	8.06	91	654	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.34	105	131	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylben	8.69	105	570	N.D.	
74) C308	sec-Butylbenzene	8.83	105	268	N.D.	
75) C260	1,3-Dichlorobenzen	8.94	146	460	N.D.	
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
77) C267	1,4-Dichlorobenzen	8.94	146	460	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.87	128	1283	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1828.D Vial: 8
Acq On : 1 Dec 2010 00:22 Operator: NMD
Sample : RTK1380-04 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Dec 01 13:19:42 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

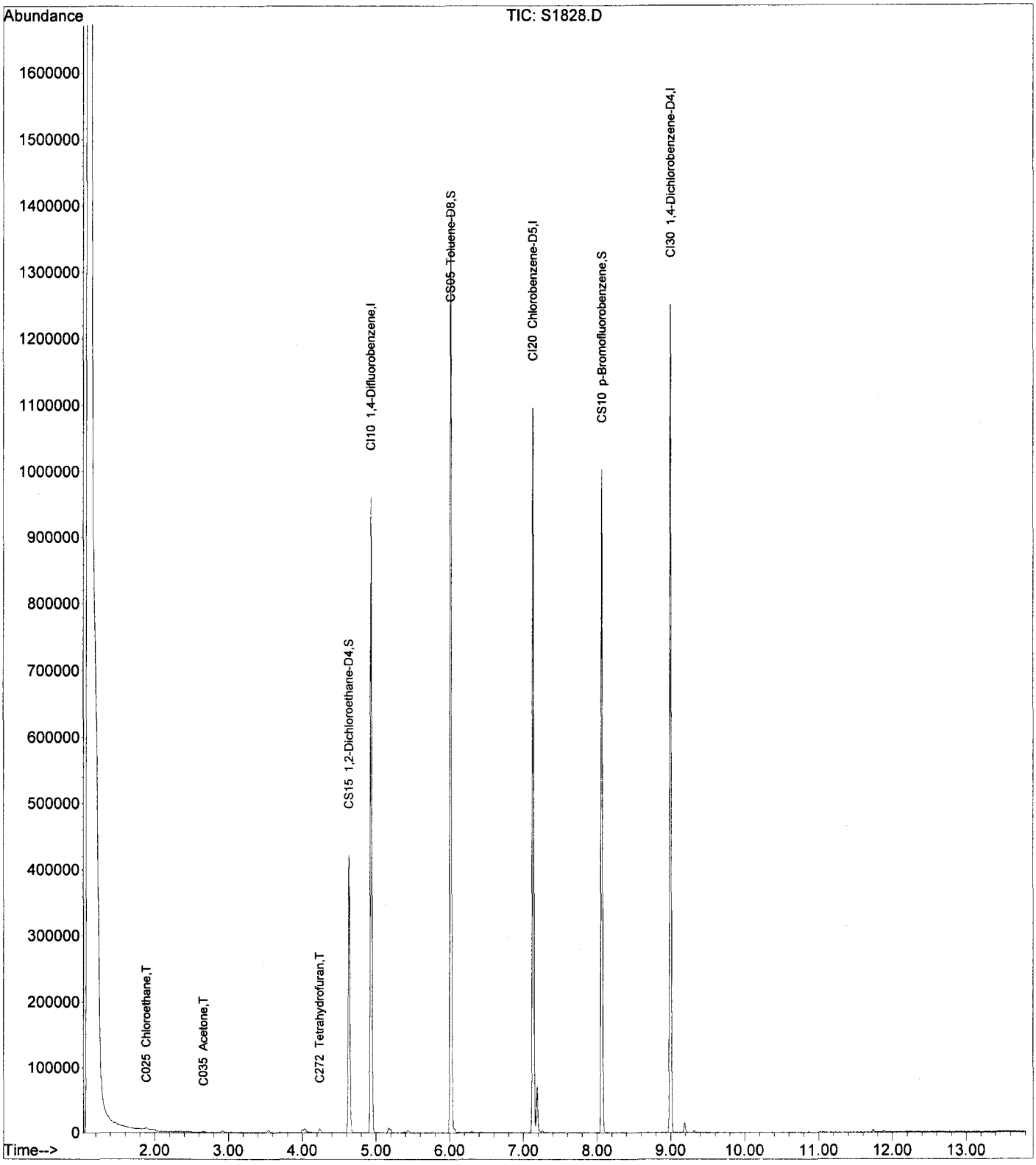
Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	605806	25.00	ug/L	0.00 NA%
23) CI20	D5-Chlorobenzene	7.14	117	516578	25.00	ug/L	0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	278521	25.00	ug/L	0.00 NA%
Target Compounds							Qvalue
2) C297	Chlorodifluorometh	0.00	51	0	N.D.		
3) C294	Dichlorofluorometh	0.00	67	0	N.D.		
4) C271	Ethyl Ether	2.32	59	206	N.D.		
5) C 2-Propanol		0.00	45	0	N.D.		
6) C959	t-Butyl Alcohol	0.00	59	0	N.D.		
7) C277	Allyl Chloride	2.91	41	420	N.D.		
8) C279	Chloroprene	0.00	53	0	N.D.		
9) E678	Ethyl tert-butyl e	0.00	59	0	N.D.		
10) C305	Propionitrile	0.00	54	0	N.D.		
11) C258	Ethyl Acetate	4.08	43	142	N.D.		
12) C266	Methacrylonitrile	4.23	41	1752	N.D.		
13) C264	Isopropyl ether	3.56	45	324	N.D.		
14) C200	Isobutanol	0.00	43	0	N.D.		
15) E677	2-Methoxy-2-methyl	0.00	73	0	N.D.		
16) C252	Heptane	0.00	43	0	N.D.		
17) C911	n-Butanol	5.17	56	2741	7.88	ug/L #	53
18) C293	Methyl Methacrylat	0.00	41	0	N.D.		
19) C273	Propylene Oxide	0.00	58	0	N.D.		
20) C270	Epichlorohydrin	0.00	57	0	N.D.		
21) C251	1,1-Dimethoxyethan	0.00	75	0	N.D.		
22) C261	Hexane	0.00	57	0	N.D.		
24) C268	1,4 Dioxane	5.43	88	3294	34.15	ug/L	90
26) C292	2-Nitropropane	5.60	43	264	N.D.		
27) C511	2-Methylthiopene	6.02	97	27855	1.19	ug/L #	1
28) C512	3-Methylthiopene	0.00	97	0	N.D.		
29) C969	3-Chlorobenzotrifl	0.00	180	0	N.D.		
30) C970	4-Chlorobenzotrifl	0.00	180	0	N.D.		
31) C968	2-Chlorobenzotrifl	0.00	180	0	N.D.		
32) C287	3-Chlorotoluene	0.00	126	0	N.D.		
33) C285	Cyclohexanone	8.06	55	680	N.D.		
34) C799	Dicyclopentadiene	9.00	66	5156	N.D.		
35) C801	1,2,3-Trimethylben	0.00	105	0	N.D.		
36) C285	Pentachloroethane	0.00	167	0	N.D.		
37) C 1,3,5-Trichlorobenzen		0.00	180	0	N.D.		

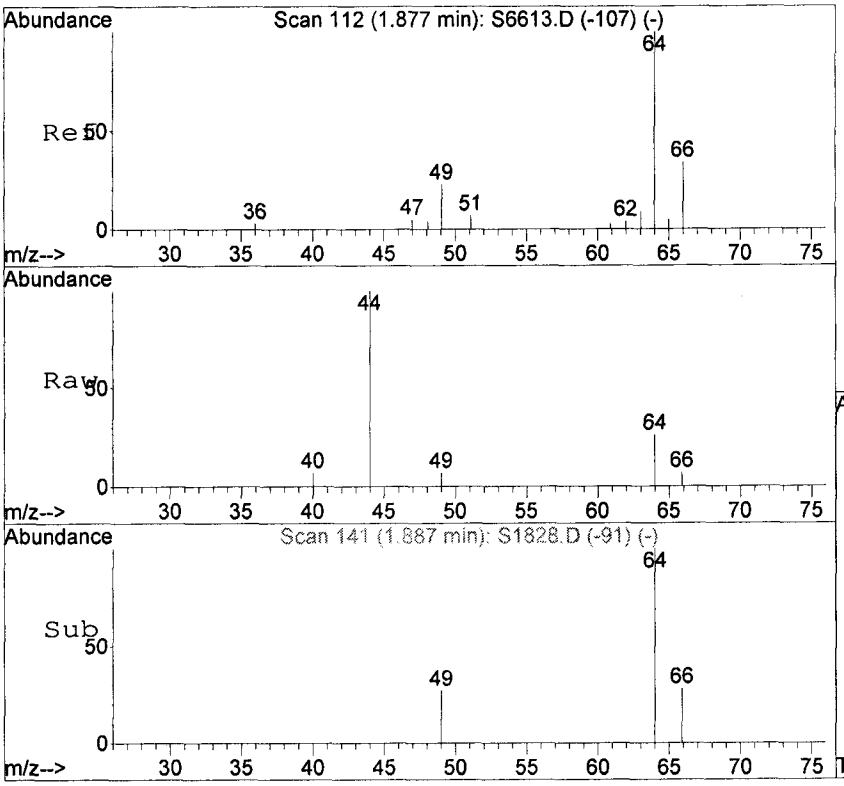
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1828.D Vial: 8
Acq On : 1 Dec 2010 00:22 Operator: NMD
Sample : RTK1380-04 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Dec 01 09:33:10 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Wed Dec 01 09:32:47 2010
Response via : Initial Calibration
DataAcq Meth : VOA

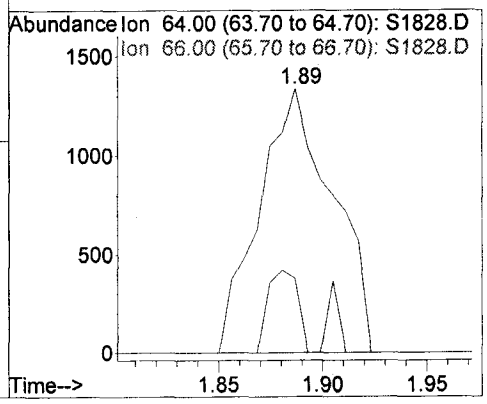


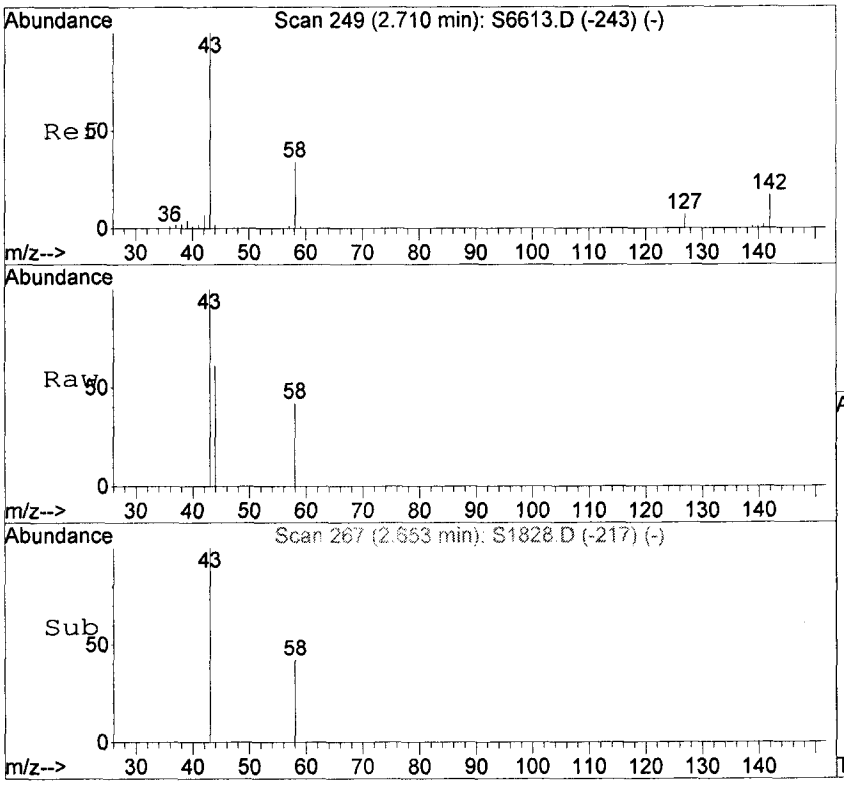


#6
C025 Chloroethane
Concen: 0.77 ug/L
RT: 1.89 min Scan# 141
Delta R.T. 0.01 min
Lab File: S1828.D
Acq: 1 Dec 2010 00:22

Tgt Ion: 64 Resp: 3284

Ion	Ratio	Lower	Upper
64	100		
66	28.3	8.3	68.3

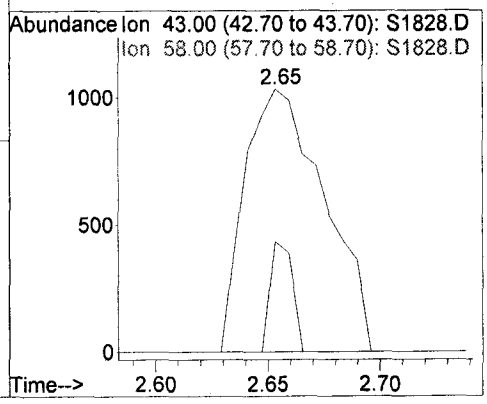


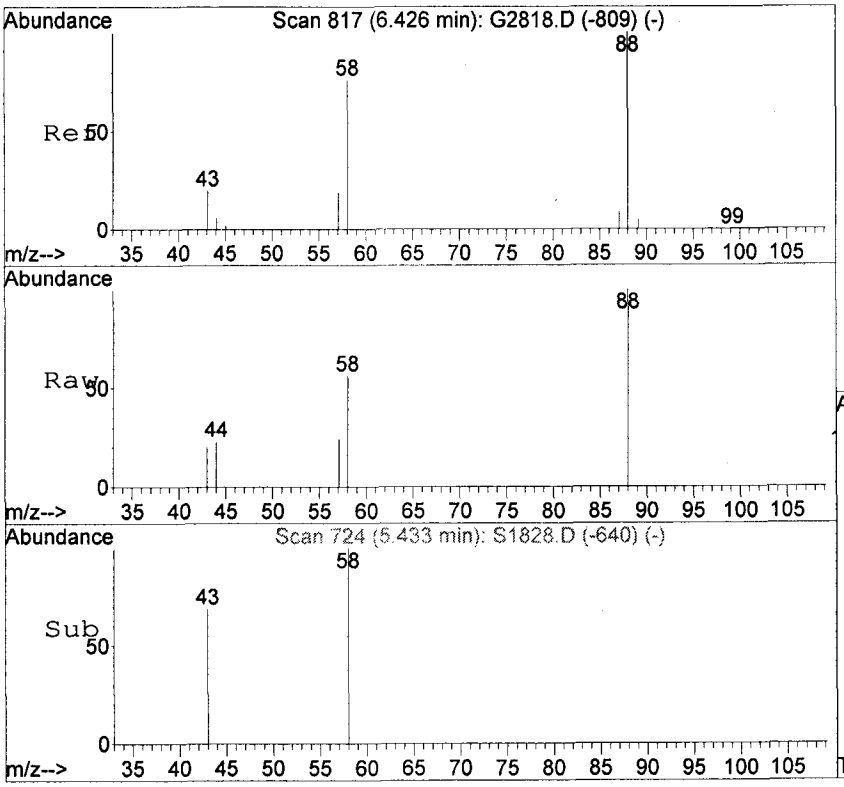


#13
C035 Acetone
Concen: 0.82 ug/L
RT: 2.65 min Scan# 267
Delta R.T. 0.01 min
Lab File: S1828.D
Acq: 1 Dec 2010 00:22

Tgt Ion: 43 Resp: 2547

Ion	Ratio	Lower	Upper
43	100		
58	42.0	1.4	61.4

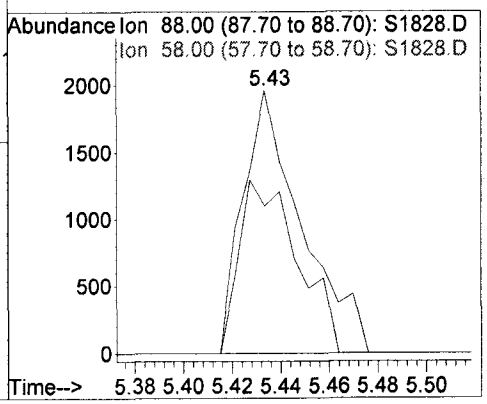




#24
C268 1,4 Dioxane
Concen: 34.15 ug/L
RT: 5.43 min Scan# 724
Delta R.T. 0.01 min
Lab File: S1828.D
Acq: 1 Dec 2010 00:22

Tgt Ion: 88 Resp: 3294

Ion	Ratio	Lower	Upper
88	100		
58	65.6	46.6	70.0



Form 1
ORGANIC ANALYSIS DATA SHEET
8260B

X-1

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-05	File ID:	S1809.D
Sampled:	11/18/10 00:00	Prepared:	11/30/10 11:28	Analyzed:	11/30/10 16:29
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
99-87-6	4-Isopropyltoluene	1	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	6.8	
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

X-1

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-05	File ID:	S1809.D
Sampled:	11/18/10 00:00	Prepared:	11/30/10 11:28	Analyzed:	11/30/10 16:29
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	7.5	
75-09-2	Methylene Chloride	1	1.0	U
91-20-3	Naphthalene	1	1.0	U
104-51-8	n-Butylbenzene	1	1.0	U
103-65-1	n-Propylbenzene	1	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	U
100-42-5	Styrene	1	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	27.8	111	66 - 137	
4-Bromofluorobenzene	25.0	26.0	104	73 - 120	
Toluene-d8	25.0	28.7	115	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	292994	9	271855	9	
1,4-Difluorobenzene	643431	4.93	567241	4.93	
Chlorobenzene-d5	299598	7.13	272887	7.13	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1809.D Vial: 18
Acq On : 30 Nov 2010 16:29 Operator: DHC
Sample : RTK1380-05 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 16:46:25 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

STD NICK 11/30/10 + ADD NICK

	Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1)	CI10 1,4-Difluorobenzene	4.93	114	643431	25.00	ug/L		0.00 113.43%
42)	CI20 Chlorobenzene-D5	7.13	82	299598	25.00	ug/L		0.00 109.79%
62)	CI30 1,4-Dichlorobenzene-	9.00	152	292994	25.00	ug/L		0.00 107.78%
	System Monitoring Compounds							
30)	CS15 1,2-Dichloroethane-D	4.63	65	250980	27.77	ug/L		0.00
	Spiked Amount 25.000	Range 66 - 137		Recovery = 111.08%				
43)	CS05 Toluene-D8	6.02	98	767284	28.73	ug/L		0.00
	Spiked Amount 25.000	Range 71 - 126		Recovery = 114.92%				
61)	CS10 p-Bromofluorobenzene	8.07	174	234582	25.95	ug/L		0.00
	Spiked Amount 25.000	Range 73 - 120		Recovery = 103.80%				
	Target Compounds							Qvalue
2)	C290 Dichlorodifluorome	0.00	85	0	N.D.			
3)	C010 Chloromethane	0.00	50	0	N.D.			
4)	C020 Vinyl chloride	1.50	62	1835	N.D.			
5)	C015 Bromomethane	0.00	94	0	N.D.			
6)	C025 Chloroethane	1.89	64	31166	6.85	ug/L		95
7)	C275 Trichlorofluoromet	0.00	101	0	N.D.			
8)	C045 1,1-Dichloroethene	0.00	96	0	N.D.			
9)	C030 Methylene chloride	3.02	84	356	N.D.			
10)	C040 Carbon disulfide	2.72	76	158	N.D.			
11)	C036 Acrolein	0.00	56	0	N.D.			
12)	C038 Acrylonitrile	0.00	53	0	N.D.			
13)	C035 Acetone	2.65	43	2755	0.83	ug/L		89
14)	C300 Acetonitrile	~~2.92~~	~~41~~	~~49368~~	~~36.21~~	~~ug/L~~	#	47
15)	C276 Iodomethane	0.00	142	0	N.D.			
16)	C291 1,1,2-Trichloro-1,	0.00	101	0	N.D.			
17)	C962 T-butyl Methyl Eth	0.00	73	0	N.D.			
18)	C057 trans-1,2-Dichloro	3.18	96	306	N.D.			
19)	C255 Methyl Acetate	~~2.92~~	~~43~~	~~122796~~	~~11.22~~	~~ug/L~~	#	56
20)	C050 1,1-Dichloroethane	3.54	63	2003	N.D.			
21)	C125 Vinyl Acetate	3.56	43	153	N.D.			
22)	C051 2,2-Dichloropropan	4.04	77	1164	N.D.			
23)	C056 cis-1,2-Dichloroet	4.00	96	1967	N.D.			
24)	C272 Tetrahydrofuran	~~4.23~~	~~42~~	~~3498~~	~~1.08~~	~~ug/L~~	#	1
25)	C222 Bromochloromethane	0.00	128	0	N.D.			
26)	C060 Chloroform	4.36	83	1202	N.D.			
27)	C115 1,1,1-Trichloroeth	0.00	97	0	N.D.			
28)	C120 Carbon tetrachlori	0.00	117	0	N.D.			
29)	C116 1,1-Dichloropropen	0.00	75	0	N.D.			
31)	C165 Benzene	4.64	78	3345	N.D.			
32)	C065 1,2-Dichloroethane	4.69	62	139	N.D.			
33)	C110 2-Butanone	4.06	43	1536	N.D.			
34)	C256 Cyclohexane	~~4.36~~	~~56~~	~~94873~~	~~6.14~~	~~ug/L~~	#	26
35)	C150 Trichloroethene	5.10	95	144	N.D.			
36)	C140 1,2-Dichloropropan	5.38	63	999	N.D.			
37)	C278 Dibromomethane	5.39	93	523	N.D.			
38)	C130 Bromodichloromethane	~~5.39~~	~~83~~	~~11540~~	1.03	ug/L		84
39)	C161 2-Chloroethylvinyl	5.76	63	1602	N.D.			

12/3/10

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1809.D Vial: 18
Acq On : 30 Nov 2010 16:29 Operator: DHC
Sample : RTK1380-05 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 16:46:25 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	5.17	83	117914	7.46 ug/L #	36
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	6.07	92	1498	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	6.30	69	9687	0.78 ug/L #	41
47) C160	1,1,2-Trichloroeth	6.33	83	1701	N.D.	
48) C210	4-Methyl-2-pentano	5.93	43	1511	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	6.61	43	1906	N.D.	
54) C235	Chlorobenzene	7.16	112	3220	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.31	91	1156	N.D.	
57) C246	m,p-Xylene	7.31	106	198	N.D.	
58) C247	o-Xylene	0.00	106	0	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
60) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	7.91	105	721	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
68) C302	n-Propylbenzene	8.24	91	306	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	8.32	105	632	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylben	8.69	105	1293	N.D.	
74) C308	sec-Butylbenzene	8.69	105	1293	N.D.	
75) C260	1,3-Dichlorobenzen	8.94	146	316	N.D.	
76) C309	4-Isopropyltoluene	9.12	119	164	N.D.	
77) C267	1,4-Dichlorobenzen	8.94	146	316	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	9.28	91	145	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	10.87	128	1065	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1809.D Vial: 18
Acq On : 30 Nov 2010 16:29 Operator: DHC
Sample : RTK1380-05 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 30 22:06:06 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

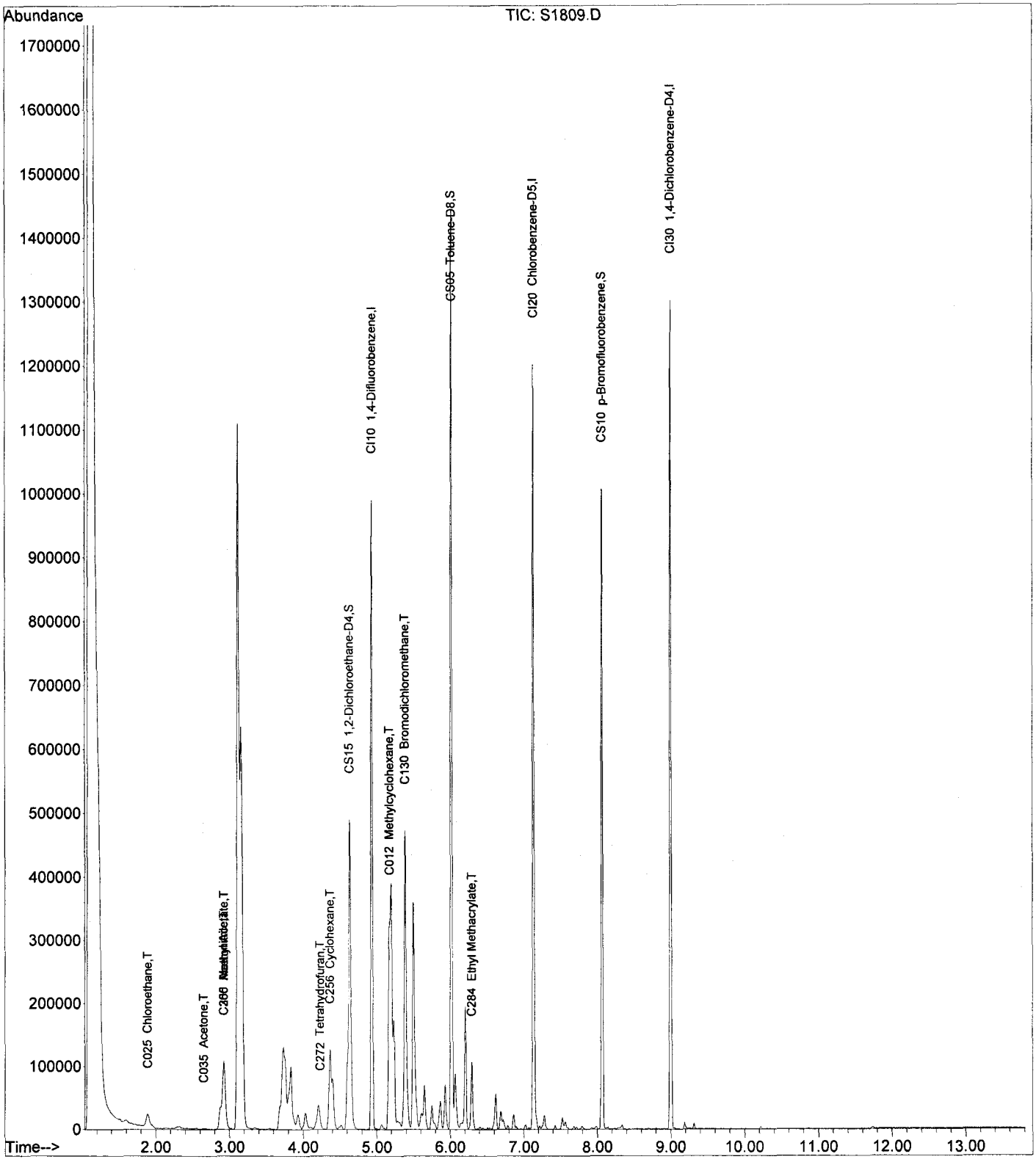
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	642697	25.00 ug/L	0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	558616	25.00 ug/L	0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	292994	25.00 ug/L	0.00 NA%
Target Compounds						Qvalue
2) C297	Chlorodifluorometh	0.00	51	0	N.D.	
3) C294	Dichlorofluorometh	0.00	67	0	N.D.	
4) C271	Ethyl Ether	2.32	59	291	N.D.	
5) C 2-Propanol		0.00	45	0	N.D.	
6) C959	t-Butyl Alcohol	3.15	59	5707	5.34 ug/L	100
7) C277	Allyl Chloride	2.92	41	49368	3.94 ug/L #	58
8) C279	Chloroprene	0.00	53	0	N.D.	
9) E678	Ethyl tert-butyl e	0.00	59	0	N.D.	
10) C305	Propionitrile	0.00	54	0	N.D.	
11) C258	Ethyl Acetate	0.00	43	0	N.D.	
12) C266	Methacrylonitrile	4.20	41	9859	1.64 ug/L #	51
13) C264	Isopropyl ether	3.55	45	838	N.D.	
14) C200	Isobutanol	4.60	43	72210	138.84 ug/L #	61
15) E677	2-Methoxy-2-methyl	0.00	73	0	N.D.	
16) C252	Heptane	0.00	43	0	N.D.	
17) C911	n-Butanol	5.06	56	2375	6.43 ug/L	92
18) C293	Methyl Methacrylate	5.38	41	63354	8.49 ug/L #	71
19) C273	Propylene Oxide	0.00	58	0	N.D.	
20) C270	Epichlorohydrin	5.88	57	1583	1.41 ug/L #	57
21) C251	1,1-Dimethoxyethan	0.00	75	0	N.D.	
22) C261	Hexane	0.00	57	0	N.D.	
24) C268	1,4 Dioxane	0.00	88	0	N.D.	
26) C292	2-Nitropropane	5.75	43	6508	2.43 ug/L #	41
27) C511	2-Methylthiopene	6.02	97	28098	1.14 ug/L #	1
28) C512	3-Methylthiopene	6.29	97	35565	1.40 ug/L #	42
29) C969	3-Chlorobenzotrifl	0.00	180	0	N.D.	
30) C970	4-Chlorobenzotrifl	0.00	180	0	N.D.	
31) C968	2-Chlorobenzotrifl	0.00	180	0	N.D.	
32) C287	3-Chlorotoluene	0.00	126	0	N.D.	
33) C285	Cyclohexanone	8.07	55	1586	0.86 ug/L #	23
34) C799	Dicyclopentadiene	9.00	66	5284	N.D.	
35) C801	1,2,3-Trimethylben	9.21	105	580	N.D.	
36) C285	Pentachloroethane	0.00	167	0	N.D.	
37) C 1,3,5-Trichlorobenzen		0.00	180	0	N.D.	

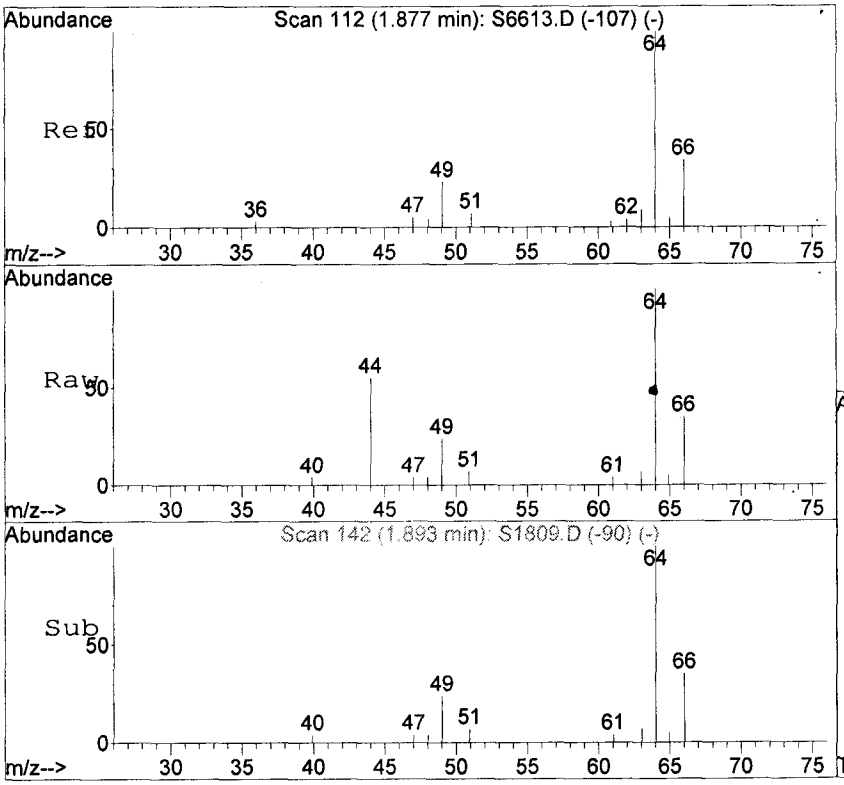
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1809.D Vial: 18
Acq On : 30 Nov 2010 16:29 Operator: DHC
Sample : RTK1380-05 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 16:46:25 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 16:45:08 2010
Response via : Initial Calibration
DataAcq Meth : VOA

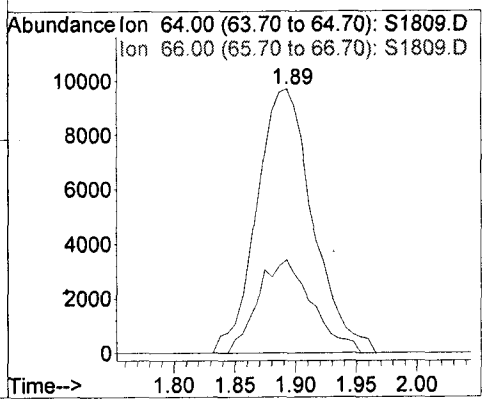


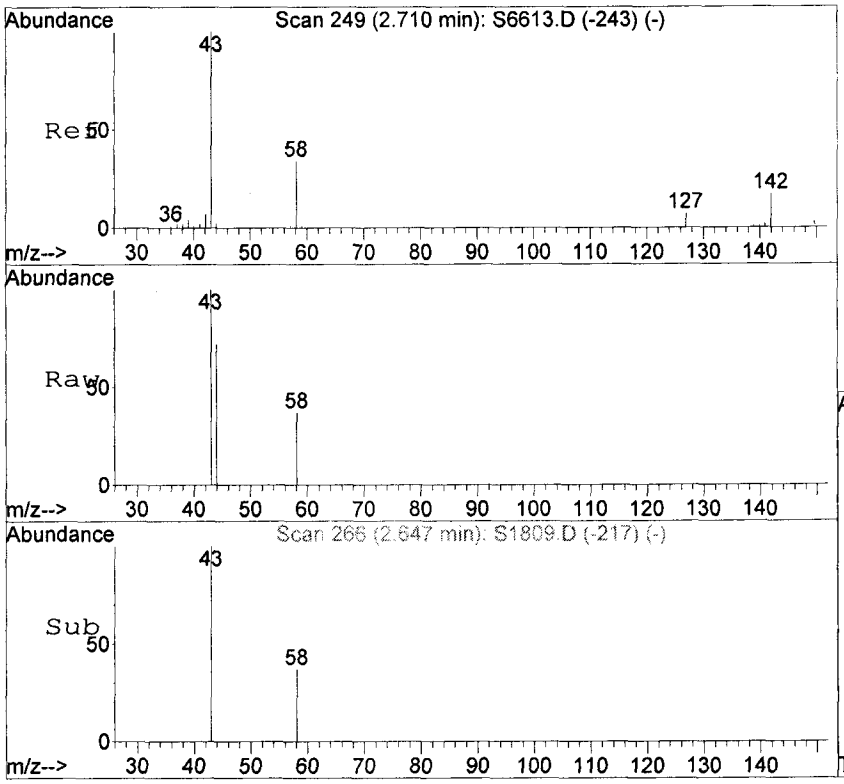


#6
C025 Chloroethane
Concen: 6.85 ug/L
RT: 1.89 min Scan# 142
Delta R.T. 0.02 min
Lab File: S1809.D
Acq: 30 Nov 2010 16:29

Tgt Ion: 64 Resp: 31166

Ion	Ratio	Lower	Upper
64	100		
66	35.0	8.3	68.3

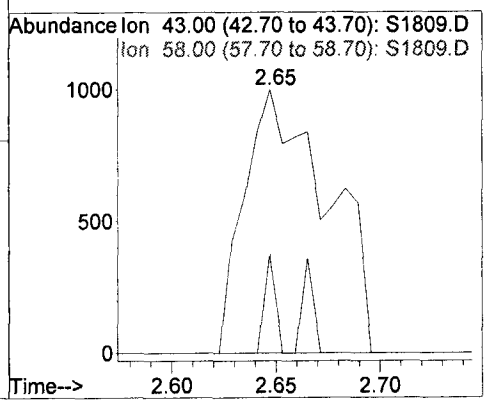


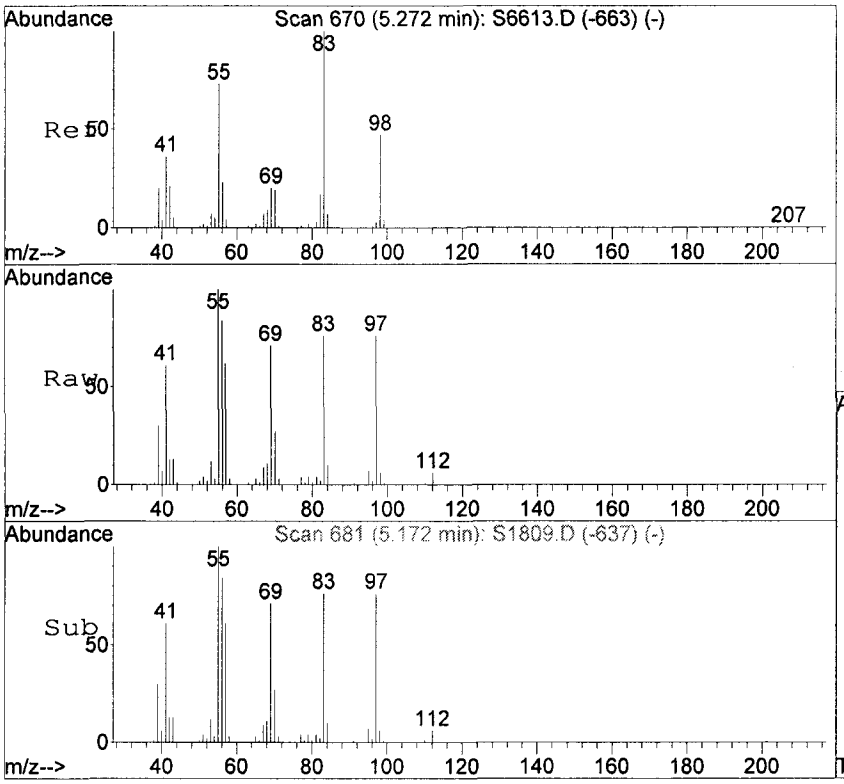


#13
C035 Acetone
Concen: 0.83 ug/L
RT: 2.65 min Scan# 266
Delta R.T. -0.00 min
Lab File: S1809.D
Acq: 30 Nov 2010 16:29

Tgt Ion: 43 Resp: 2755

Ion	Ratio	Lower	Upper
43	100		
58	37.4	1.4	61.4

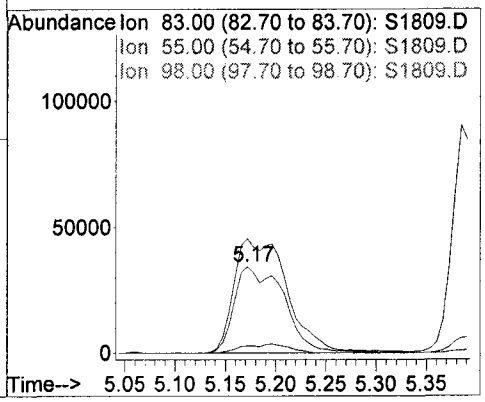




#40
C012 Methylcyclohexane
Concen: 7.46 ug/L
RT: 5.17 min Scan# 681
Delta R.T. -0.03 min
Lab File: S1809.D
Acq: 30 Nov 2010 16:29

Tgt Ion: 83 Resp: 117914

Ion	Ratio	Lower	Upper
83	100		
55	143.0	65.8	98.6#
98	9.6	40.2	60.4#



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

TRIP BLANK

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-06	File ID:	S1810.D
Sampled:	11/18/10 00:00	Prepared:	11/30/10 11:28	Analyzed:	11/30/10 16:50
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
99-87-6	4-Isopropyltoluene	1	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

TRIP BLANK

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	RTK1380-06	File ID:	S1810.D
Sampled:	11/18/10 00:00	Prepared:	11/30/10 11:28	Analyzed:	11/30/10 16:50
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
91-20-3	Naphthalene	1	1.0	U
104-51-8	n-Butylbenzene	1	1.0	U
103-65-1	n-Propylbenzene	1	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	U
100-42-5	Styrene	1	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	27.8	111	66 - 137	
4-Bromofluorobenzene	25.0	25.9	103	73 - 120	
Toluene-d8	25.0	29.3	117	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	284423	9	271855	9	
1,4-Difluorobenzene	631132	4.93	567241	4.93	
Chlorobenzene-d5	287006	7.13	272887	7.13	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1810.D Vial: 19
Acq On : 30 Nov 2010 16:50 Operator: DHC
Sample : RTK1380-06 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 17:43:37 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 17:43:20 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\113010\S1793.D (30 Nov 2010 10:08)

Clean MTC 11/30/10 NCM DD

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	631132	25.00	ug/L	0.00 111.26%
42) CI20	Chlorobenzene-D5	7.13	82	287006	25.00	ug/L	0.00 105.17%
62) CI30	1,4-Dichlorobenzene-	9.00	152	284423	25.00	ug/L	0.00 104.62%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.64	65	246187	27.77	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	111.08%	
43) CS05	Toluene-D8	6.02	98	749643	29.30	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	117.20%	
61) CS10	p-Bromofluorobenzene	8.07	174	223987	25.87	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	103.48%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.03	84	1395	N.D.
10) C040	Carbon disulfide	2.71	76	612	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	0.00	43	0	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	0.00	83	0	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
31) C165	Benzene	0.00	78	0	N.D.
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.
33) C110	2-Butanone	0.00	43	0	N.D.
34) C256	Cyclohexane	0.00	56	0	N.D.
35) C150	Trichloroethene	0.00	95	0	N.D.
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.
37) C278	Dibromomethane	0.00	93	0	N.D.
38) C130	Bromodichlorometha	0.00	83	0	N.D.
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.

12/8/10

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1810.D Vial: 19
Acq On : 30 Nov 2010 16:50 Operator: DHC
Sample : RTK1380-06 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 17:43:37 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 17:43:20 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\113010\S1793.D (30 Nov 2010 10:08)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	0.00	83	0	N.D.	
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44) C230	Toluene	0.00	92	0	N.D.	
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.	
48) C210	4-Methyl-2-pentano	6.02	43	2736	N.D.	
49) C220	Tetrachloroethene	0.00	166	0	N.D.	
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51) C155	Dibromochlorometha	0.00	129	0	N.D.	
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53) C215	2-Hexanone	0.00	43	0	N.D.	
54) C235	Chlorobenzene	0.00	112	0	N.D.	
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56) C240	Ethylbenzene	7.13	91	905	N.D.	
57) C246	m,p-Xylene	0.00	106	0	N.D.	
58) C247	o-Xylene	0.00	106	0	N.D.	
59) C245	Styrene	0.00	104	0	N.D.	
60) C180	Bromoform	0.00	173	0	N.D.	
63) C966	Isopropylbenzene	0.00	105	0	N.D.	
64) C301	Bromobenzene	0.00	156	0	N.D.	
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.	
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
68) C302	n-Propylbenzene	8.06	91	718	N.D.	
69) C303	2-Chlorotoluene	0.00	126	0	N.D.	
70) C289	4-Chlorotoluene	0.00	126	0	N.D.	
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.	
72) C306	tert-Butylbenzene	0.00	134	0	N.D.	
73) C307	1,2,4-Trimethylben	8.69	105	376	N.D.	
74) C308	sec-Butylbenzene	8.69	105	376	N.D.	
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.	
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.	
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.	
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.	
79) C310	n-Butylbenzene	0.00	91	0	N.D.	
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.	
82) C316	Hexachlorobutadien	0.00	225	0	N.D.	
83) C314	Naphthalene	0.00	128	0	N.D.	
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1810.D Vial: 19
Acq On : 30 Nov 2010 16:50 Operator: DHC
Sample : RTK1380-06 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 30 22:06:11 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

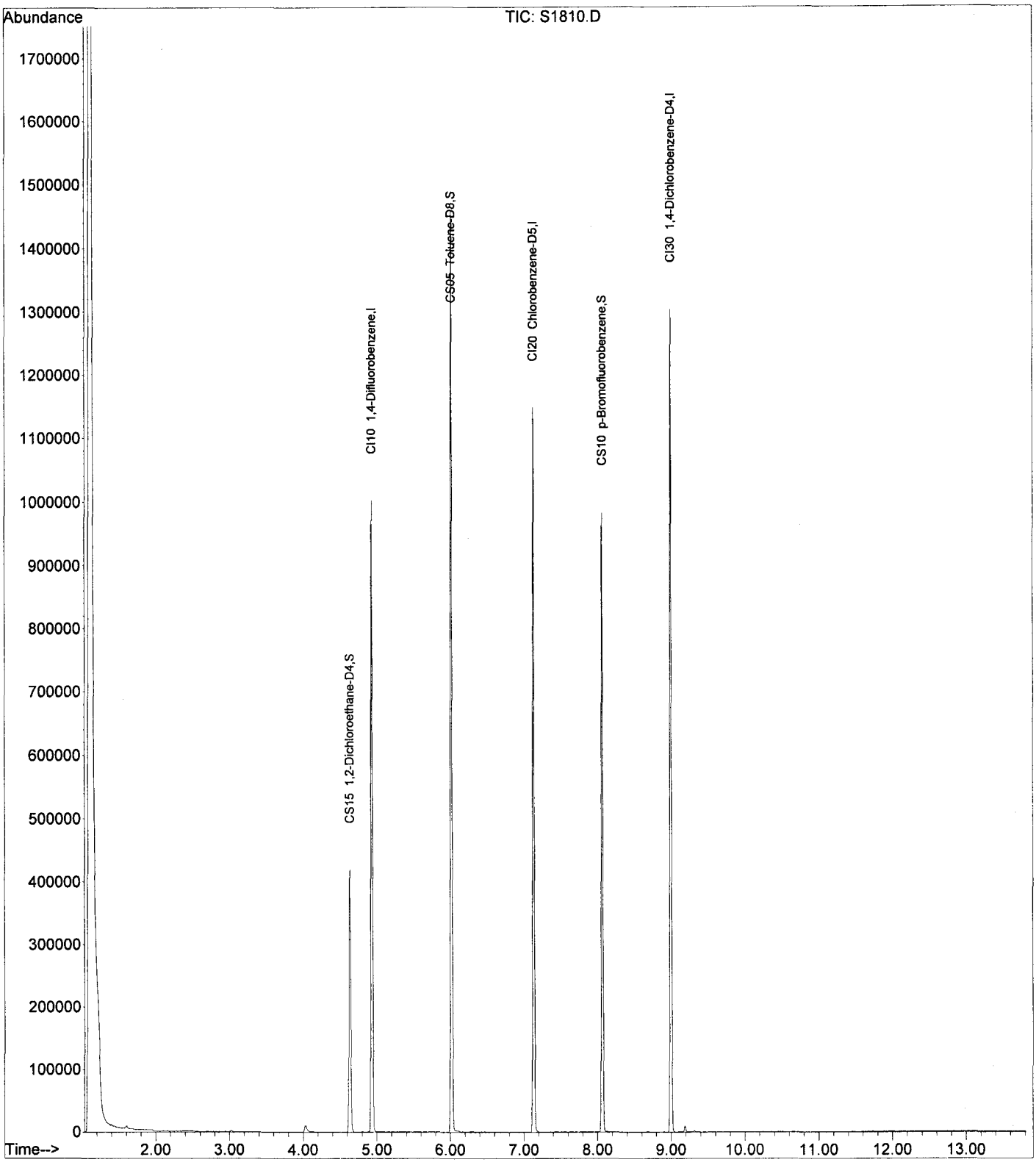
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	631132	25.00 ug/L	0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	538333	25.00 ug/L	0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	284423	25.00 ug/L	0.00 NA%
Target Compounds						Qvalue
2) C297	Chlorodifluorometh	0.00	51	0	N.D.	
3) C294	Dichlorofluorometh	0.00	67	0	N.D.	
4) C271	Ethyl Ether	0.00	59	0	N.D.	
5) C 2-Propanol		0.00	45	0	N.D.	
6) C959	t-Butyl Alcohol	0.00	59	0	N.D.	
7) C277	Allyl Chloride	0.00	41	0	N.D.	
8) C279	Chloroprene	0.00	53	0	N.D.	
9) E678	Ethyl tert-butyl e	0.00	59	0	N.D.	
10) C305	Propionitrile	0.00	54	0	N.D.	
11) C258	Ethyl Acetate	0.00	43	0	N.D.	
12) C266	Methacrylonitrile	0.00	41	0	N.D.	
13) C264	Isopropyl ether	0.00	45	0	N.D.	
14) C200	Isobutanol	0.00	43	0	N.D.	
15) E677	2-Methoxy-2-methyl	0.00	73	0	N.D.	
16) C252	Heptane	0.00	43	0	N.D.	
17) C911	n-Butanol	0.00	56	0	N.D.	
18) C293	Methyl Methacrylat	0.00	41	0	N.D.	
19) C273	Propylene Oxide	0.00	58	0	N.D.	
20) C270	Epichlorohydrin	0.00	57	0	N.D.	
21) C251	1,1-Dimethoxyethan	0.00	75	0	N.D.	
22) C261	Hexane	0.00	57	0	N.D.	
24) C268	1,4 Dioxane	0.00	88	0	N.D.	
26) C292	2-Nitropropane	0.00	43	0	N.D.	
27) C511	2-Methylthiopene	~~6.02~~	~~97~~	~~27866~~	~~1.17 ug/L #~~	1
28) C512	3-Methylthiopene	6.16	97	260	N.D.	
29) C969	3-Chlorobenzotrifl	0.00	180	0	N.D.	
30) C970	4-Chlorobenzotrifl	0.00	180	0	N.D.	
31) C968	2-Chlorobenzotrifl	0.00	180	0	N.D.	
32) C287	3-Chlorotoluene	0.00	126	0	N.D.	
33) C285	Cyclohexanone	8.06	55	470	N.D.	
34) C799	Dicyclopentadiene	9.00	66	5238	N.D.	
35) C801	1,2,3-Trimethylben	0.00	105	0	N.D.	
36) C285	Pentachloroethane	0.00	167	0	N.D.	
37) C 1,3,5-Trichlorobenzen		0.00	180	0	N.D.	

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1810.D Vial: 19
Acq On : 30 Nov 2010 16:50 Operator: DHC
Sample : RTK1380-06 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 17:43:37 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 17:43:20 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Please disregard the calculated values for the (COD) and the linear regression (linear r) on the form 6. Due to computer programming limitations they are stated incorrectly on this form. For correct values view the Response Factor Report from the instrument directly behind form 6. Test America's IT group is working to resolve the situation

Form 6

INITIAL CALIBRATION DATA

8260B

Laboratory: TestAmerica Buffalo

Client: HRP Engineering, PC

Calibration: R10K091

SDG: RTK1380

Project: 710 Ohio Street, Buffalo, NY

Instrument: HP5973S

Calibration Date: 11/19/10 22:42

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1,1,2-Tetrachloroethane	1	0.5572176	5	0.5779468	10	0.5861926	25	0.6578082	50	0.7079158	100	0.6386686
1,1,1-Trichloroethane	1	0.3174777	5	0.3643299	10	0.367992	25	0.4077192	50	0.3834335	100	0.3862287
1,1,2,2-Tetrachloroethane	1	0.8318889	5	0.853992	10	0.8662196	25	0.9418046	50	0.9896067	100	0.9376607
1,1,2-Trichloroethane	1	0.5403351	5	0.5535861	10	0.539354	25	0.5583077	50	0.5711009	100	0.5428771
1,1,2-Trichlorotrifluoroethane	1	0.3355193	5	0.364799	10	0.3050935	25	0.3231003	50	0.3327697	100	0.3212693
1,1-Dichloroethane	1	0.5977503	5	0.5899671	10	0.5783004	25	0.6143184	50	0.6281112	100	0.5797761
1,1-Dichloroethene	1	0.3607864	5	0.3587194	10	0.3209236	25	0.3630012	50	0.3588243	100	0.3413852
1,1-Dichloropropene	1	0.4170653	5	0.4509497	10	0.4491617	25	0.4894125	50	0.5039841	100	0.4595214
1,2,3-Trichlorobenzene	1	0.9350914	5	1.049289	10	1.02769	25	1.20965	50	1.210481	100	1.158315
1,2,3-Trichloropropane	1	0.2646382	5	0.275262	10	0.2597505	25	0.2788102	50	0.287646	100	0.2604714
1,2,4-Trichlorobenzene	1	0.9151958	5	1.030226	10	1.047313	25	1.274706	50	1.299598	100	1.246605
1,2,4-Trimethylbenzene	1	2.239568	5	2.844398	10	2.851551	25	3.10691	50	3.216999	100	3.006265
1,2-Dibromo-3-chloropropane	1	8.993884E-02	5	0.119407	10	0.130201	25	0.1631582	50	0.186158	100	0.1911357
1,2-Dibromoethane (EDB)	1	0.5817397	5	0.6166683	10	0.6131868	25	0.6598682	50	0.701141	100	0.6577261
1,2-Dichlorobenzene	1	1.637614	5	1.699706	10	1.641369	25	1.70109	50	1.739169	100	1.615636
1,2-Dichloroethane	1	0.4859105	5	0.4739599	10	0.4565589	25	0.4788789	50	0.4832531	100	0.4439044
1,2-Dichloroethane-d4	1	0.8280271	5	0.3794837	10	0.3745712	25	0.3169055	50	0.3434537	100	0.3549046
1,2-Dichloroethene, Total	2	0.354795	10	0.3553144	20	0.3456087	50	0.3772405	100	0.3806627	200	0.3482803
1,2-Dichloropropane	1	0.3420717	5	0.3422217	10	0.333351	25	0.3595904	50	0.3687646	100	0.344562
1,3,5-Trimethylbenzene	1	2.260463	5	2.791935	10	2.759372	25	3.03381	50	3.195108	100	2.976318
1,3-Dichlorobenzene	1	1.654511	5	1.715811	10	1.677102	25	1.751195	50	1.777139	100	1.585865
1,3-Dichloropropane	1	1.122263	5	1.141476	10	1.10832	25	1.145872	50	1.193412	100	1.127039
1,3-Dichloropropene, Total	2	0.3067964	10	0.385234	20	0.420952	50	0.496892	100	0.5469617	200	0.5309302
1,4-Dichlorobenzene	1	1.952127	5	1.809519	10	1.716153	25	1.801959	50	1.865263	100	1.702301
2,2-Dichloropropane	1	0.1829738	5	0.1820883	10	0.1806194	25	0.202898	50	0.2160451	100	0.1993103
2-Butanone (MEK)	5	0.1948489	25	0.1964843	50	0.1906596	125	0.2010572	250	0.2095057	500	0.2021774
2-Chloroethyl vinyl ether	5	0.179904	25	0.2131516	50	0.221313	125	0.2400936	250	0.2544157	500	0.2422004
2-Chlorotoluene	1	0.7376802	5	0.7905643	10	0.79942	25	0.835051	50	0.8758562	100	0.8169404
2-Hexanone	5	0.465354	25	0.5276577	50	0.5141547	125	0.5489326	250	0.5722543	500	0.5567372
4-Bromofluorobenzene	1	1.598181	5	0.7641672	10	0.7572643	25	0.6292293	50	0.7169639	100	0.7713322
4-Chlorotoluene	1	0.7172395	5	0.8273549	10	0.8226872	25	0.8624328	50	0.8971309	100	0.8351418
4-Isopropyltoluene	1	2.370479	5	2.973507	10	3.033076	25	3.33411	50	3.460884	100	3.160639
4-Methyl-2-pentanone (MIBK)	5	0.6956354	25	0.7588214	50	0.7259874	125	0.7687883	250	0.7967792	500	0.7712844
Acetone	5	0.1476985	25	0.1274952	50	0.1204988	125	0.125586	250	0.1279536	500	0.1204334
Acetonitrile	40	0.0580438	200	5.612562E-02	400	4.893321E-02	1000	5.340312E-02	2000	5.192839E-02	4000	4.942934E-02
Acrolein	20	0.027565	100	2.661283E-02	200	2.586822E-02	500	2.751885E-02	1000	2.872997E-02	2000	2.764002E-02
Acrylonitrile	5	0.1609738	25	0.1646687	50	0.1585285	125	0.1662293	250	0.1714368	500	0.1622094
Benzene	1	1.452077	5	1.491605	10	1.417037	25	1.514073	50	1.517529	100	1.380778
Bromobenzene	1	0.7709303	5	0.8217281	10	0.8053975	25	0.858419	50	0.902725	100	0.8426057
Bromochloromethane	1	0.1749404	5	0.1848935	10	0.1742403	25	0.183191	50	0.1854935	100	0.1707726
Bromodichloromethane	1	0.288306	5	0.3492393	10	0.3519095	25	0.4182155	50	0.4536153	100	0.4332687
Bromoform	1	0.2047698	5	0.2644592	10	0.2953688	25	0.3799196	50	0.4570947	100	0.4734231
Bromomethane	1	0.1270988	5	0.1087911	10	0.1084482	25	0.1131841	50	0.116234	100	9.394896E-02
Carbon disulfide	1	0.407506	5	0.5241025	10	0.551196	25	0.6661413	50	0.7871227	100	0.7915459

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

Client: HRP Engineering, PC

Calibration: R10K091

SDG: RTK1380

Project: 710 Ohio Street, Buffalo, NY

Instrument: HP5973S

Calibration Date: 11/19/10 22:42

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
Carbon Tetrachloride	1	0.3151888	5	0.3503488	10	0.357118	25	0.4142468	50	0.4523006	100	0.4148155
Chlorobenzene	1	2.156813	5	2.035229	10	1.95392	25	2.013192	50	2.06681	100	1.924635
Chlorodibromomethane	1	0.4046147	5	0.4783799	10	0.5131885	25	0.5980613	50	0.6831988	100	0.6781672
Chloroethane	1	0.1878208	5	0.1578513	10	0.1855364	25	0.1604964	50	0.2000222	100	0.1695036
Chloroform	1	0.6376033	5	0.6002591	10	0.5796711	25	0.6123367	50	0.6157169	100	0.5649668
Chloromethane	1	0.3869512	5	0.3574296	10	0.3369235	25	0.3524642	50	0.356295	100	0.3248856
cis-1,2-Dichloroethene	1	0.35199	5	0.3647358	10	0.3567525	25	0.3893103	50	0.3916137	100	0.3613138
cis-1,3-Dichloropropene	1	0.331525	5	0.4193163	10	0.450119	25	0.5235898	50	0.5619648	100	0.546737
Cyclohexane	1	0.5668732	5	0.6123009	10	0.5725828	25	0.61293	50	0.636518	100	0.6010207
Dibromomethane	1	0.1967967	5	0.206199	10	0.2033768	25	0.2206852	50	0.2252152	100	0.2104976
Dichlorodifluoromethane	1	0.2933774	5	0.3222964	10	0.2962603	25	0.3276569	50	0.3254759	100	0.2903995
Ethyl Methacrylate	1	0.6449313	5	0.786949	10	0.8188871	25	0.9205879	50	1.039967	100	1.052138
Ethylbenzene	1	3.278416	5	3.398978	10	3.287	25	3.521337	50	3.684851	100	3.34059
Hexachlorobutadiene	1	0.5877821	5	0.6164403	10	0.543807	25	0.6661789	50	0.6473826	100	0.6228812
Iodomethane	1	0.368775	5	0.3385505	10	0.3374282	25	0.3636866	50	0.3897777	100	0.361508
Isopropylbenzene	1	2.643839	5	3.118036	10	3.214107	25	3.524183	50	3.746115	100	3.483441
Methyl Acetate	1	0.4456087	5	0.413796	10	0.4164745	25	0.425	50	0.4342306	100	0.4161178
Methyl tert-Butyl Ether	1	0.8554933	5	0.838362	10	0.8517598	25	0.9210623	50	1.002803	100	0.982455
Methylcyclohexane	1	0.5891783	5	0.6080704	10	0.5862068	25	0.6194382	50	0.6590833	100	0.6214787
Methylene Chloride	1	0.5891334	5	0.4144455	10	0.3831346	25	0.3682751	50	0.3809358	100	0.3422752
m-Xylene & p-Xylene	2	1.190831	10	1.336278	20	1.266217	50	1.365878	100	1.389539	200	1.315642
Naphthalene	1	1.785967	5	2.56946	10	2.826849	25	3.584312	50	3.703823	100	3.598982
n-Butylbenzene	1	2.290897	5	2.773395	10	2.796504	25	3.14103	50	3.317558	100	3.108052
n-Propylbenzene	1	3.259874	5	4.039568	10	4.07618	25	4.470848	50	4.677161	100	4.313642
o-Xylene	1	1.04832	5	1.191194	10	1.196232	25	1.346859	50	1.369033	100	1.271673
sec-Butylbenzene	1	2.900391	5	3.623113	10	3.634483	25	3.972967	50	4.157381	100	3.835888
Styrene	1	1.717962	5	2.02912	10	1.979547	25	2.239397	50	2.293166	100	2.154989
tert-Butylbenzene	1	0.4550542	5	0.5845011	10	0.5932288	25	0.6668687	50	0.7068667	100	0.6493291
Tetrachloroethene	1	0.7853675	5	0.8111029	10	0.7546548	25	0.7850446	50	0.7957989	100	0.7298763
Tetrahydrofuran	5	0.1122886	25	0.1231403	50	0.122899	125	0.1307904	250	0.1364041	500	0.1303019
Toluene	1	1.870848	5	1.933914	10	1.787	25	1.879109	50	1.935707	100	1.765797
Toluene-d8	1	4.999585	5	2.417783	10	2.267402	25	2.02902	50	2.158756	100	2.257178
trans-1,2-Dichloroethene	1	0.3576	5	0.3458929	10	0.334465	25	0.3651706	50	0.3697117	100	0.3352467
trans-1,3-Dichloropropene	1	0.5927747	5	0.7317614	10	0.7937619	25	0.9365423	50	1.041802	100	1.022412
trans-1,4-Dichloro-2-butene	5	0.1154851	25	0.1253873	50	0.1247852	125	0.135899	250	0.1435554	500	0.1334659
Trichloroethene	1	0.3755967	5	0.3606046	10	0.3430806	25	0.3713052	50	0.3800998	100	0.3514045
Trichlorofluoromethane	1	0.1958093	5	0.3095239	10	0.3142748	25	0.3753677	50	0.3934703	100	0.3613324
Vinyl acetate	5	0.4989794	25	0.5904488	50	0.6257613	125	0.6849182	250	0.727925	500	0.6860939
Vinyl chloride	1	0.3987994	5	0.3360971	10	0.3113377	25	0.3405245	50	0.3408192	100	0.3063
Xylenes, total	3	1.143327	15	1.287916	30	1.242889	75	1.359538	150	1.382704	300	1.300986

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo

Client: HRP Engineering, PC

Calibration: R10K091

SDG: RTK1380

Project: 710 Ohio Street, Buffalo, NY

Instrument: HP5973S

Calibration Date: 11/19/10 22:42

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF	ug/L	RF
1,1-Dimethoxyethane	5	0.0047435	25	0.0104653	50	1.455453E-02	125	0.0236372	250	3.362729E-02	500	4.145803E-02
1,2,3-Trimethylbenzene	1	2.87473	5	3.134639	10	3.055882	25	3.179006	50	3.329932	100	3.172458
1,3,5-Trichlorobenzene	1	1.179339	5	1.219491	10	1.186779	25	1.241682	50	1.348159	100	1.32105
1,4-Dioxane	40	4.501898E-03	200	4.604194E-03	400	4.879593E-03	1000	4.557487E-03	2000	4.962403E-03	4000	4.49897E-03
2-Methylthiophene	1	2.146054	5	2.048643	10	2.12422	25	2.023213	50	2.095791	100	2.13861
2-Nitropropane	5	0.108908	25	0.1273394	50	0.1526753	125	0.1821335	250	0.2125712	500	0.2363875
3-Chlorotoluene	1	0.7775137	5	0.8396024	10	0.7948739	25	0.8631618	50	0.8800857	100	0.8638902
3-Methylthiophene	1	2.22754	5	2.157459	10	2.093361	25	2.153377	50	2.164494	100	2.213623
Allyl chloride	1	0.5726082	5	0.4424351	10	0.454698	25	0.4656949	50	0.5121945	100	0.4742236
Chlorodifluoromethane	1	0.1699414	5	0.1895582	10	0.2014971	25	0.2258485	50	0.2829955	100	0.2893595
Chloroprene	1	0.4636955	5	0.4848711	10	0.512249	25	0.52577	50	0.5862893	100	0.5451421
Cyclohexanone	10	0.1717187	50	0.1715542	100	0.170111	250	0.1520778	500	0.1484156	1000	0.1343501
Dichlorofluoromethane	1	0.3429853	5	0.3135696	10	0.3495829	25	0.3807172	50	0.4044287	100	0.4091768
Dicyclopentadiene	1	3.299346	5	3.286871	10	3.137254	25	3.454838	50	3.701734	100	3.603505
Diethyl ether	1	0.35862	5	0.3026355	10	0.3197683	25	0.3305303	50	0.3451992	100	0.2976237
Epichlorohydrin	20	3.719688E-02	100	0.042516	200	4.292084E-02	500	4.595003E-02	1000	4.842185E-02	2000	4.582828E-02
Ethyl Acetate	1	0.3462102	5	0.3326049	10	0.340404	25	0.3561476	50	0.3901451	100	0.3797241
Ethyl tert-Butyl Ether	1	0.832276	5	0.8977592	10	0.907751	25	0.9909851	50	1.067951	100	1.032023
Heptane	1	0.4716149	5	0.5063335	10	0.4803313	25	0.5037359	50	0.5411019	100	0.4912735
Hexane	1	0.4772892	5	0.5152631	10	0.4792027	25	0.5251987	50	0.5675739	100	0.510887
Isobutanol	40	1.712069E-02	200	1.783549E-02	400	1.956156E-02	1000	2.070606E-02	2000	2.329462E-02	4000	2.287151E-02
Isopropyl alcohol	20	2.171111E-02	100	2.359869E-02	200	2.278134E-02	500	2.525523E-02	1000	0.0278379	2000	2.631941E-02
Isopropyl ether	1	1.037079	5	1.002685	10	1.035876	25	1.080637	50	1.17952	100	1.112218
Methacrylonitrile	1	0.2256224	5	0.2224518	10	0.2286421	25	0.236731	50	0.2494603	100	0.2380657
Methyl Methacrylate	1	0.2479928	5	0.2768574	10	0.2735701	25	0.2926602	50	0.3295939	100	0.3215167
m-Monochlorobenzotrifluoride	1	1.023511	5	1.031738	10	0.9639477	25	1.004079	50	1.067023	100	1.049634
n-Butanol	40	0.0114985	200	1.283912E-02	400	1.391058E-02	1000	1.505584E-02	2000	1.685728E-02	4000	0.0159906
o-Monochlorobenzotrifluoride	1	0.9980067	5	1.073025	10	0.9994965	25	1.063355	50	1.094312	100	1.066756
Pentachloroethane	1	0.3280263	5	0.3123958	10	0.3315432	25	0.3395319	50	0.3755956	100	0.3750233
p-Monochlorobenzotrifluoride	1	0.9798282	5	1.01868	10	0.9429642	25	0.9744132	50	1.030896	100	0.9954509
Propionitrile	10	6.585382E-02	50	6.370628E-02	100	6.455587E-02	250	6.361838E-02	500	6.798849E-02	1000	6.423693E-02
Propylene Oxide	5	7.858208E-02	25	8.263725E-02	50	8.411129E-02	125	9.490572E-02	250	9.840226E-02	500	8.342025E-02
t-Butanol	20	3.823783E-02	100	3.684557E-02	200	3.884388E-02	500	4.177959E-02	1000	4.733437E-02	2000	4.630266E-02
Tert-Amyl Methyl Ether	1	0.7253636	5	0.793976	10	0.7926824	25	0.861965	50	0.9531635	100	0.9473237

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo
SDG: RTK1380
Client: HRP Engineering, PC
Project: 710 Ohio Street, Buffalo, NY
Calibration: R10K091
Instrument: HP5973S
Calibration Date: 11/19/10 22:42

Compound	Mean RF	RF RSD	Mean RT	RT RSD	r^2 or COD	LIMIT	Q
1,1,1,2-Tetrachloroethane	0.6209583	9.210293	7.228333	5.471407E-02		15	
1,1,1-Trichloroethane	0.3711968	8.217993	4.34	1.752687E-02		15	
1,1,2,2-Tetrachloroethane	0.9035287	6.825738	8.22	1.162864E-02		SPCC (0.3)	
1,1,2-Trichloroethane	0.5509268	2.266295	6.42	1.557442E-02		15	
1,1,2-Trichlorotrifluoroethane	0.3304252	6.040967	2.548333	0.1591504		15	
1,1-Dichloroethane	0.5980372	3.308745	3.54	1.603628E-02		SPCC (0.1)	
1,1-Dichloroethene	0.3506067	4.698273	2.548333	0.2949708		CCC (30)	
1,1-Dichloropropene	0.4616824	6.729034	4.468333	9.037621E-02		15	
1,1-Dimethoxyethane	2.141431E-02	66.06376	3.625	0.1504767	0.9967762	0.99	
1,2,3-Trichlorobenzene	1.098419	10.18753	11.05	1.800804E-02		15	
1,2,3-Trichloropropane	0.2710964	4.153941	8.256667	5.898787E-02		15	
1,2,3-Trimethylbenzene	3.124441	4.846925	9.04	2.281919E-02		15	
1,2,4-Trichlorobenzene	1.135607	13.98133	10.65	1.081857E-02		15	
1,2,4-Trimethylbenzene	2.877615	11.96964	8.69	1.917574E-02		15	
1,2-Dibromo-3-chloropropane	0.1466665	27.34304	10	0	0.9962591	0.99	
1,2-Dibromoethane (EDB)	0.6383883	6.678707	6.801667	5.813025E-02		15	
1,2-Dichlorobenzene	1.672431	2.857797	9.33	0.0156945		15	
1,2-Dichloroethane	0.4704109	3.536677	4.69	2.144103E-02		15	
1,2-Dichloroethane-d4	0.432891	45.02165	4.63	4.285375E-03	0.9985038	0.99	
1,2-Dichloroethene, Total	0.3603169	4.148327	4	0		15	
1,2-Dichloropropane	0.3484269	3.762626	5.31	1.893756E-02		CCC (30)	
1,3,5-Trichlorobenzene	1.249417	5.622132	10.12	7.727578E-03		15	
1,3,5-Trimethylbenzene	2.836168	11.44509	8.381667	5.061678E-02		15	
1,3-Dichlorobenzene	1.693604	4.107489	8.94	1.151735E-02		15	
1,3-Dichloropropane	1.13973	2.595476	6.543333	7.897972E-02		15	
1,3-Dichloropropene, Total	0.4479611	20.86271	6.27	1.545382E-02	0.9984418	0.99	
1,4-Dichlorobenzene	1.807887	5.171045	9.02	2.202767E-02		CCC (20)	
1,4-Dioxane	4.667424E-03	4.326474	5.423333	9.363947E-02		15	
2,2-Dichloropropane	0.1939892	7.419748	3.97	1.434498E-02		15	
2-Butanone (MEK)	0.1991222	3.313995	4.05	1.941031E-02		15	
2-Chloroethyl vinyl ether	0.2251797	11.87703	5.74	6.91334E-03		15	
2-Chlorotoluene	0.809252	5.7242	8.33	0.018727		15	
2-Hexanone	0.5308484	7.193013	6.6	1.804918E-02		15	
2-Methylthiophene	2.096088	2.400391	6.17	6.164233E-03		15	
2-Nitropropane	0.1700025	29.07903	5.73	0.0169102	0.9908429	0.99	
3-Chlorotoluene	0.8365213	4.952741	8.38	1.581306E-02		15	
3-Methylthiophene	2.168309	2.214991	6.29	1.877306E-02		15	
4-Bromofluorobenzene	0.8728563	41.15579	8.07	1.864174E-02	0.9958726	0.99	
4-Chlorotoluene	0.8269978	7.316597	8.421667	4.668378E-02		15	
4-Isopropyltoluene	3.055449	12.50117	8.94	1.151735E-02		15	
4-Methyl-2-pentanone (MIBK)	0.7528827	4.808991	5.963333	0.0833306		15	
Acetone	0.1282776	7.851339	2.65	4.036868E-03		15	
Acetonitrile	5.297725E-02	6.847885	2.931667	0.141288		15	
Acrolein	2.732248E-02	3.585184	2.495	0.2193029		15	
Acrylonitrile	0.1640078	2.767676	3.24	2.293239E-02		15	
Allyl chloride	0.4869757	9.895235	2.85	3.753579E-03		15	
Benzene	1.462183	3.794138	4.633333	0.1110654		15	
Bromobenzene	0.8336343	5.454818	8.19	0.0209545		15	
Bromochloromethane	0.1789219	3.545858	4.19	1.581306E-02		15	
Bromodichloromethane	0.3824257	16.46547	5.52	5.142069E-03	0.9985584	0.99	

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo
SDG: RTK1380
Client: HRP Engineering, PC
Project: 710 Ohio Street, Buffalo, NY
Calibration: R10K091
Instrument: HP5973S
Calibration Date: 11/19/10 22:42

Compound	Mean RF	RF RSD	Mean RT	RT RSD	r^2 or COD	LIMIT	Q
Bromoform	0.3458392	31.37994	7.84	9.702376E-03	0.9939799	SPCC (0.1)	
Bromomethane	0.1112842	9.785932	1.77	1.603628E-02		15	
Carbon disulfide	0.6212691	24.78603	2.75	0.3250793	0.9962506	0.99	
Carbon Tetrachloride	0.3840031	13.33947	4.45	1.630458E-02		15	
Chlorobenzene	2.0251	4.101395	7.156667	7.267954E-02		SPCC (0.3)	
Chlorodibromomethane	0.5592684	20.16372	6.72	1.146183E-02	0.9976667	0.99	
Chlorodifluoromethane	0.2265334	21.92315	1.303333	0.395897	0.9942919	0.99	
Chloroethane	0.1768718	9.5116	1.871667	0.4022773		15	
Chloroform	0.601759	4.355885	4.25	0		CCC (30)	
Chloromethane	0.3524915	5.992286	1.391667	0.2931343		SPCC (0.1)	
Chloroprene	0.5196695	8.398129	3.58	1.062383E-02		15	
cis-1,2-Dichloroethene	0.369286	4.595525	4	0		15	
cis-1,3-Dichloropropene	0.4722086	18.78161	5.843333	8.964018E-02	0.9989345	0.99	
Cyclohexane	0.6003709	4.407696	4.34	1.752687E-02		15	
Cyclohexanone	0.1580379	9.822411	8.061667	5.161016E-02		15	
Dibromomethane	0.2104618	5.105476	5.41	1.406038E-02		15	
Dichlorodifluoromethane	0.3092444	5.690397	1.273333	0.6412351		15	
Dichlorofluoromethane	0.3667434	10.27675	2.083333	0.2484081		15	
Dicyclopentadiene	3.413925	6.231192	9	0		15	
Diethyl ether	0.3257295	7.320222	2.321667	0.1752766		15	
Epichlorohydrin	4.380565E-02	8.907084	5.82	8.269379E-03		15	
Ethyl Acetate	0.3575393	6.37906	4.066667	0.1261096		15	
Ethyl Methacrylate	0.8772434	17.98593	6.31	2.326782E-02	0.9978154	0.99	
Ethyl tert-Butyl Ether	0.9547909	9.432572	3.836667	0.1355332		15	
Ethylbenzene	3.418529	4.623057	7.22	2.085746E-02		CCC (30)	
Heptane	0.4990652	4.913815	4.761667	8.573842E-02		15	
Hexachlorobutadiene	0.6140787	7.111807	10.76	1.356797E-02		CCC (20)	
Hexane	0.5125691	6.501739	3.341667	0.1224399		15	
Iodomethane	0.3599543	5.485159	2.706667	0.1904501		15	
Isobutanol	2.023165E-02	12.5908	4.65	1.642944E-02		15	
Isopropyl alcohol	2.458395E-02	9.368771	2.816667	0.1834784		15	
Isopropyl ether	1.074669	5.963861	3.55	1.691288E-02		15	
Isopropylbenzene	3.288287	11.80275	7.92	1.433547E-02		15	
Methacrylonitrile	0.2334956	4.255807	4.22	2.511571E-02		15	
Methyl Acetate	0.4252046	2.950161	2.9	1.880959E-02		15	
Methyl Methacrylate	0.2903652	10.64231	5.38	1.356797E-02		15	
Methyl tert-Butyl Ether	0.9086559	7.85449	3.171667	0.128897		15	
Methylcyclohexane	0.6139093	4.335271	5.2	2.015686E-02		15	
Methylene Chloride	0.4130333	21.64085	3.026667	0.1695596	0.9961113	0.99	
m-Monochlorobenzotrifluoride	1.023322	3.541926	7.12	0.0181894		15	
m-Xylene & p-Xylene	1.310731	5.53178	7.31	1.375628E-02		15	
Naphthalene	3.011566	25.2185	10.87	1.000934E-02	0.9987665	0.99	
n-Butanol	1.435865E-02	13.95766	5.14	0.0202814		15	
n-Butylbenzene	2.904573	12.63442	9.28	1.710456E-02		15	
n-Propylbenzene	4.139546	11.91781	8.24	1.898133E-02		15	
o-Monochlorobenzotrifluoride	1.049159	3.86057	7.85	1.355934E-02		15	
o-Xylene	1.237218	9.567883	7.63	1.965684E-02		15	
Pentachloroethane	0.343686	7.575381	8.691666	4.301741E-02		15	
p-Monochlorobenzotrifluoride	0.9903721	3.219304	7.17	5.304507E-03		15	
Propionitrile	6.499329E-02	2.576659	4.14	5.801038E-03		15	

Form 6

INITIAL CALIBRATION DATA (Continued)

8260B

Laboratory: TestAmerica Buffalo
SDG: RTK1380
Client: HRP Engineering, PC
Project: 710 Ohio Street, Buffalo, NY
Calibration: R10K091
Instrument: HP5973S
Calibration Date: 11/19/10 22:42

Compound	Mean RF	RF RSD	Mean RT	RT RSD	r^2 or COD	LIMIT	Q
Propylene Oxide	8.700981E-02	8.955162	2.408333	0.1683106		15	
sec-Butylbenzene	3.68737	11.8261	8.823333	5.859935E-02		15	
Styrene	2.06903	10.12663	7.65	1.718374E-02		15	
t-Butanol	4.155732E-02	10.5727	3.15	3.396095E-03		15	
Tert-Amyl Methyl Ether	0.8457457	10.85061	4.7	4.552213E-03		15	
tert-Butylbenzene	0.6093081	14.51345	8.65	1.331998E-02		15	
Tetrachloroethene	0.7769742	3.805415	6.46	1.874711E-02		15	
Tetrahydrofuran	0.1259707	6.693607	4.218333	0.17753		15	
Toluene	1.862062	3.86185	6.07	3.845082E-03		CCC (30)	
Toluene-d8	2.688287	42.39087	6.018333	6.464839E-02	0.9984853	0.99	
trans-1,2-Dichloroethene	0.3513478	4.300305	3.17	1.199789E-02		15	
trans-1,3-Dichloropropene	0.8531757	20.78611	6.27	1.545382E-02	0.9982613	0.99	
trans-1,4-Dichloro-2-butene	0.129763	7.624044	8.26	2.545302E-02		15	
Trichloroethene	0.3636819	3.992668	5.105	0.105706		15	
Trichlorofluoromethane	0.3249631	22.01482	2.103333	1.74463	0.9974215	0.99	
Vinyl acetate	0.6356878	13.03042	3.59	1.633769E-02		15	
Vinyl chloride	0.3389797	9.716771	1.501667	0.5010189		CCC (30)	
Xylenes, total	1.286227	6.706232	7.63	1.965684E-02		15	

Response Factor Report HP5973S

Method Path : D:\MSDCHEM\S\METHODS\82605MLLOW\
Method File : R10K091-SIXPT.M
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:30:04 2010
Response Via : Initial Calibration

R10K091
8260
S

Calibration Files
1 =S1464.D 2 =S1465.D 3 =S1466.D
4 =S1467.D 5 =S1468.D 6 =S1469.D

			Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD							
2)	T	C290	Dichlorodiflu	0.293	0.322	0.296	0.328	0.325	0.290	0.309	5.69
3)	T	C010	Chloromethane	0.387	0.357	0.337	0.352	0.356	0.325	0.352	5.99
4)	T	C020	Vinyl chlorid	0.399	0.336	0.311	0.341	0.341	0.306	0.339	9.72
5)	T	C015	Bromomethane	0.127	0.109	0.108	0.113	0.116	0.094	0.111	9.79
6)	T	C025	Chloroethane	0.188	0.158	0.186	0.160	0.200	0.170	0.177	9.51
7)	T	C275	Trichlorofluo	0.196	0.310	0.314	0.375	0.393	0.361	-----	
									LO M=	0.368	R^2=0.997
8)	T	C045	1,1-Dichloroe	0.361	0.359	0.321	0.363	0.359	0.341	0.351	4.70
9)	T	C030	Methylene chl	0.589	0.414	0.383	0.368	0.381	0.342	-----	
									LO M=	0.353	R^2=0.997
10)	T	C040	Carbon disulf	0.408	0.524	0.551	0.666	0.787	0.792	-----	
									LO M=	0.777	R^2=0.998
11)	T	C036	Acrolein	0.028	0.027	0.026	0.028	0.029	0.028	0.027	3.59
12)	T	C038	Acrylonitrile	0.161	0.165	0.159	0.166	0.171	0.162	0.164	2.77
13)	T	C035	Acetone	0.148	0.127	0.120	0.126	0.128	0.120	0.128	7.85
14)	T	C300	Acetonitrile	0.058	0.056	0.049	0.053	0.052	0.049	0.053	6.85
15)	T	C276	Iodomethane	0.369	0.339	0.337	0.364	0.390	0.362	0.360	5.49
16)	T	C291	1,1,2-Trichlo	0.336	0.365	0.305	0.323	0.333	0.321	0.330	6.04
17)	T	C962	T-butyl Methy	0.855	0.838	0.852	0.921	1.003	0.982	0.909	7.85
18)	T	C057	trans-1,2-Dic	0.358	0.346	0.334	0.365	0.370	0.335	0.351	4.30
19)	T	C255	Methyl Acetat	0.446	0.414	0.416	0.425	0.434	0.416	0.425	2.95
20)	T	C050	1,1-Dichloroe	0.598	0.590	0.578	0.614	0.628	0.580	0.598	3.31
21)	T	C125	Vinyl Acetate	0.499	0.590	0.626	0.685	0.728	0.686	0.636	13.03
22)	T	C051	2,2-Dichlorop	0.183	0.182	0.181	0.203	0.216	0.199	0.194	7.42
23)	T	C056	cis-1,2-Dichl	0.352	0.365	0.357	0.389	0.392	0.361	0.369	4.60
24)	T	C272	Tetrahydrofur	0.112	0.123	0.123	0.131	0.136	0.130	0.126	6.69
25)	T	C222	Bromochlorome	0.175	0.185	0.174	0.183	0.185	0.171	0.179	3.55
26)	T	C060	Chloroform	0.638	0.600	0.580	0.612	0.616	0.565	0.602	4.36
27)	T	C115	1,1,1-Trichlo	0.317	0.364	0.368	0.408	0.383	0.386	0.371	8.22
28)	T	C120	Carbon tetrac	0.315	0.350	0.357	0.414	0.452	0.415	0.384	13.34
29)	T	C116	1,1-Dichlorop	0.417	0.451	0.449	0.489	0.504	0.460	0.462	6.73
30)	S	CS15	1,2-Dichloroe	0.828	0.379	0.375	0.317	0.343	0.355	-----	
									LO M=	0.350	R^2=0.998
31)	T	C165	Benzene	1.452	1.492	1.417	1.514	1.518	1.381	1.462	3.79
32)	T	C065	1,2-Dichloroe	0.486	0.474	0.457	0.479	0.483	0.444	0.470	3.54
33)	T	C110	2-Butanone	0.195	0.196	0.191	0.201	0.210	0.202	0.199	3.31
34)	T	C256	Cyclohexane	0.567	0.612	0.573	0.613	0.637	0.601	0.600	4.41
35)	T	C150	Trichloroethe	0.376	0.361	0.343	0.371	0.380	0.351	0.364	3.99
36)	T	C140	1,2-Dichlorop	0.342	0.342	0.333	0.360	0.369	0.345	0.348	3.76
37)	T	C278	Dibromomethan	0.197	0.206	0.203	0.221	0.225	0.210	0.210	5.11
38)	T	C130	Bromodichloro	0.288	0.349	0.352	0.418	0.454	0.433	-----	
									LO M=	0.435	R^2=0.999
39)	T	C161	2-Chloroethyl	0.180	0.213	0.221	0.240	0.254	0.242	0.225	11.88
40)	T	C012	Methylcyclohe	0.589	0.608	0.586	0.619	0.659	0.621	0.614	4.34
41)	T	C145	cis-1,3-Dichl	0.332	0.419	0.450	0.524	0.562	0.547	-----	
									LO M=	0.546	R^2=0.999
42)	I	CI20	Chlorobenzene-D	ISTD							
43)	S	CS05	Toluene-D8	5.000	2.418	2.267	2.029	2.159	2.257	-----	
									LO M=	2.219	R^2=0.998
44)	T	C230	Toluene	1.871	1.934	1.787	1.879	1.936	1.766	1.862	3.86
45)	T	C170	trans-1,3-Dic	0.593	0.732	0.794	0.937	1.042	1.022	-----	
									LO M=	1.016	R^2=0.999
46)	T	C284	Ethyl Methacr	0.645	0.787	0.819	0.921	1.040	1.052	-----	
									LO M=	1.036	R^2=0.999

Method Path : D:\MSDCHEM\S\METHODS\82605MLLOW\
Method File : R10K091-SIXPT.M
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:30:04 2010
Response Via : Initial Calibration

Calibration Files
1 =S1464.D 2 =S1465.D 3 =S1466.D
4 =S1467.D 5 =S1468.D 6 =S1469.D

47)	T	C160	1,1,2-Trichlo	0.540	0.554	0.539	0.558	0.571	0.543	0.551	2.27
48)	T	C210	4-Methyl-2-pe	0.696	0.759	0.726	0.769	0.797	0.771	0.753	4.81
49)	T	C220	Tetrachloroet	0.785	0.811	0.755	0.785	0.796	0.730	0.777	3.81
50)	T	C221	1,3-Dichlorop	1.122	1.141	1.108	1.146	1.193	1.127	1.140	2.60
51)	T	C155	Dibromochloro	0.405	0.478	0.513	0.598	0.683	0.678	-----	
									LO M=	0.670	R^2=0.999
52)	T	C163	1,2-Dibromoet	0.582	0.617	0.613	0.660	0.701	0.658	0.638	6.68
53)	T	C215	2-Hexanone	0.465	0.528	0.514	0.549	0.572	0.557	0.531	7.19
54)	T	C235	Chlorobenzene	2.157	2.035	1.954	2.013	2.067	1.925	2.025	4.10
55)	T	C281	1,1,1,2-Tetra	0.557	0.578	0.586	0.658	0.708	0.639	0.621	9.21
56)	T	C240	Ethylbenzene	3.278	3.399	3.287	3.521	3.685	3.341	3.419	4.62
57)	T	C246	m,p-Xylene	1.191	1.336	1.266	1.366	1.390	1.316	1.311	5.53
58)	T	C247	o-Xylene	1.048	1.191	1.196	1.347	1.369	1.272	1.237	9.57
59)	T	C245	Styrene	1.718	2.029	1.980	2.239	2.293	2.155	2.069	10.13
60)	T	C180	Bromoform	0.213	0.276	0.296	0.385	0.452	0.466	-----	
									LO M=	0.454	R^2=0.998
61)	S	CS10	p-Bromofluoro	1.598	0.764	0.757	0.629	0.717	0.771	-----	
									LO M=	0.749	R^2=0.995
62)	I	CI30	1,4-Dichloroben	----------ISTD----------							
63)	T	C966	Isopropylbenz	2.644	3.118	3.214	3.524	3.746	3.483	3.288	11.80
64)	T	C301	Bromobenzene	0.771	0.822	0.805	0.858	0.903	0.843	0.834	5.45
65)	T	C225	1,1,2,2-Tetra	0.832	0.854	0.866	0.942	0.990	0.938	0.904	6.83
66)	T	C282	1,2,3-Trichlo	0.265	0.275	0.260	0.279	0.288	0.260	0.271	4.15
67)	T	C283	t-1,4-Dichlor	0.115	0.125	0.125	0.136	0.144	0.133	0.130	7.62
68)	T	C302	n-Propylbenze	3.260	4.040	4.076	4.471	4.677	4.314	4.140	11.92
69)	T	C303	2-Chlorotolue	0.738	0.791	0.799	0.835	0.876	0.817	0.809	5.72
70)	T	C289	4-Chlorotolue	0.717	0.827	0.823	0.862	0.897	0.835	0.827	7.32
71)	T	C304	1,3,5-Trimeth	2.260	2.792	2.759	3.034	3.195	2.976	2.836	11.45
72)	T	C306	tert-Butylben	0.455	0.585	0.593	0.667	0.707	0.649	0.609	14.51
73)	T	C307	1,2,4-Trimeth	2.240	2.844	2.852	3.107	3.217	3.006	2.878	11.97
74)	T	C308	sec-Butylbenz	2.900	3.623	3.634	3.973	4.157	3.836	3.687	11.83
75)	T	C260	1,3-Dichlorob	1.655	1.716	1.677	1.751	1.777	1.586	1.694	4.11
76)	T	C309	4-Isopropylto	2.370	2.974	3.033	3.334	3.461	3.161	3.055	12.50
77)	T	C267	1,4-Dichlorob	1.952	1.810	1.716	1.802	1.865	1.702	1.808	5.17
78)	T	C249	1,2-Dichlorob	1.638	1.700	1.641	1.701	1.739	1.616	1.672	2.86
79)	T	C310	n-Butylbenzen	2.291	2.773	2.797	3.141	3.318	3.108	2.905	12.63
80)	T	C286	1,2-Dibromo-3	0.090	0.119	0.130	0.163	0.186	0.191	-----	
									LO M=	0.187	R^2=0.999
81)	T	C313	1,2,4-Trichlo	0.915	1.030	1.047	1.275	1.300	1.247	1.136	13.98
82)	T	C316	Hexachlorobut	0.588	0.616	0.544	0.666	0.647	0.623	0.614	7.11
83)	T	C314	Naphthalene	1.786	2.569	2.827	3.584	3.704	3.599	-----	
									LO M=	3.609	R^2=0.999
84)	T	C934	1,2,3-Trichlo	0.935	1.049	1.028	1.210	1.210	1.158	1.098	10.19

Total Average %RSD 6.89

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

R10K091-SIXPT.M Sat Nov 20 09:33:15 2010 HP5973

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1464.D Vial: 2
Acq On : 19 Nov 2010 23:58 Operator: CDC
Sample : T005292-CAL1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:25:35 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	557047	25.00	ug/L	0.00 98.65%
42) CI20	Chlorobenzene-D5	7.13	82	265067	25.00	ug/L	0.00 93.50%
62) CI30	1,4-Dichlorobenzene-	9.00	152	275187	25.00	ug/L	0.00 95.88%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.63	65	18450	1.91	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	7.64%#	
43) CS05	Toluene-D8	6.01	98	53009	1.86	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	7.44%#	
61) CS10	p-Bromofluorobenzene	8.07	174	16945	1.83	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	7.32%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.26	85	6537	0.95	ug/L #	100
3) C010	Chloromethane	1.39	50	8622	1.10	ug/L	100
4) C020	Vinyl chloride	1.49	62	8886	1.18	ug/L	85
5) C015	Bromomethane	1.77	94	2832	1.14	ug/L	79
6) C025	Chloroethane	1.87	64	4185	1.06	ug/L	94
7) C275	Trichlorofluorometha	2.03	101	4363m	0.60	ug/L	97
8) C045	1,1-Dichloroethene	2.54	96	8039	1.03	ug/L	87
9) C030	Methylene chloride	3.02	84	13127	1.41	ug/L	83
10) C040	Carbon disulfide	2.74	76	9080	0.66	ug/L	74
11) C036	Acrolein	2.49	56	12284	20.18	ug/L	90
12) C038	Acrylonitrile	3.24	53	17934	4.91	ug/L	94
13) C035	Acetone	2.65	43	16455	5.76	ug/L	93
14) C300	Acetonitrile	2.94	41	51733	43.83	ug/L	91
15) C276	Iodomethane	2.70	142	8217	1.02	ug/L	99
16) C291	1,1,2-Trichloro-1,2,	2.54	101	7476	1.01	ug/L #	83
17) C962	T-butyl Methyl Ether	3.18	73	19062	0.94	ug/L	100
18) C057	trans-1,2-Dichloroet	3.17	96	7968	1.02	ug/L	93
19) C255	Methyl Acetate	2.90	43	9929	1.05	ug/L	96
20) C050	1,1-Dichloroethane	3.54	63	13319	1.00	ug/L	95
21) C125	Vinyl Acetate	3.59	43	55591	3.92	ug/L	94
22) C051	2,2-Dichloropropane	3.97	77	4077	0.94	ug/L	95
23) C056	cis-1,2-Dichloroethe	4.00	96	7843	0.95	ug/L	92
24) C272	Tetrahydrofuran	4.23	42	12510	4.46	ug/L	92
25) C222	Bromochloromethane	4.19	128	3898	0.98	ug/L #	78
26) C060	Chloroform	4.25	83	14207	1.06	ug/L	93
27) C115	1,1,1-Trichloroethan	4.34	97	7074	0.86	ug/L	98
28) C120	Carbon tetrachloride	4.45	117	7023	0.82	ug/L	93
29) C116	1,1-Dichloropropene	4.46	75	9293	0.90	ug/L	91
31) C165	Benzene	4.63	78	32355	0.99	ug/L	99
32) C065	1,2-Dichloroethane	4.69	62	10827	1.03	ug/L	97
33) C110	2-Butanone	4.05	43	21708	4.89	ug/L	93
34) C256	Cyclohexane	4.34	56	12631	0.94	ug/L	95
35) C150	Trichloroethene	5.10	95	8369	1.03	ug/L	95
36) C140	1,2-Dichloropropane	5.31	63	7622	0.98	ug/L	91
37) C278	Dibromomethane	5.41	93	4385	0.94	ug/L	87
38) C130	Bromodichloromethane	5.52	83	6424	0.75	ug/L	93
39) C161	2-Chloroethylvinyl E	5.74	63	20043	3.99	ug/L	93

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1464.D Vial: 2
Acq On : 19 Nov 2010 23:58 Operator: CDC
Sample : T005292-CAL1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:25:35 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	5.20	83	13128	0.96 ug/L	95
41) C145	cis-1,3-Dichloroprop	5.84	75	7387	0.70 ug/L	84
44) C230	Toluene	6.07	92	19836	1.00 ug/L	92
45) C170	trans-1,3-Dichloropr	6.27	75	6285	0.69 ug/L	98
46) C284	Ethyl Methacrylate	6.31	69	6838	0.74 ug/L #	87
47) C160	1,1,2-Trichloroethan	6.42	83	5729	0.98 ug/L	95
48) C210	4-Methyl-2-pentanone	5.97	43	36878	4.62 ug/L	91
49) C220	Tetrachloroethene	6.46	166	8327	1.01 ug/L	95
50) C221	1,3-Dichloropropane	6.54	76	11899	0.98 ug/L	98
51) C155	Dibromochloromethane	6.72	129	4290	0.72 ug/L	95
52) C163	1,2-Dibromoethane	6.80	107	6168	0.91 ug/L	98
53) C215	2-Hexanone	6.60	43	24670	4.38 ug/L	88
54) C235	Chlorobenzene	7.16	112	22868	1.07 ug/L	92
55) C281	1,1,1,2-Tetrachloroe	7.23	131	5908	0.90 ug/L	80
56) C240	Ethylbenzene	7.22	91	34760	0.96 ug/L	97
57) C246	m,p-Xylene	7.31	106	25252	1.82 ug/L	99
58) C247	o-Xylene	7.63	106	11115	0.85 ug/L	96
59) C245	Styrene	7.65	104	18215	0.83 ug/L	93
60) C180	Bromoform	7.84	173	2254	0.61 ug/L	91
63) C966	Isopropylbenzene	7.92	105	29102	0.80 ug/L	97
64) C301	Bromobenzene	8.19	156	8486	0.92 ug/L	93
65) C225	1,1,2,2-Tetrachloroe	8.22	83	9157	0.92 ug/L	96
66) C282	1,2,3-Trichloropropa	8.25	110	2913	0.98 ug/L	100
67) C283	t-1,4-Dichloro-2-But	8.26	51	6356	4.45 ug/L #	39
68) C302	n-Propylbenzene	8.24	91	35883	0.79 ug/L	98
69) C303	2-Chlorotoluene	8.33	126	8120	0.91 ug/L	100
70) C289	4-Chlorotoluene	8.42	126	7895	0.87 ug/L	100
71) C304	1,3,5-Trimethylbenze	8.38	105	24882	0.80 ug/L	99
72) C306	tert-Butylbenzene	8.65	134	5009	0.75 ug/L #	94
73) C307	1,2,4-Trimethylbenze	8.69	105	24652	0.78 ug/L	97
74) C308	sec-Butylbenzene	8.82	105	31926	0.79 ug/L	94
75) C260	1,3-Dichlorobenzene	8.94	146	18212	0.98 ug/L	97
76) C309	4-Isopropyltoluene	8.94	119	26093	0.78 ug/L	99
77) C267	1,4-Dichlorobenzene	9.02	146	21488	1.08 ug/L	95
78) C249	1,2-Dichlorobenzene	9.33	146	18026	0.98 ug/L	93
79) C310	n-Butylbenzene	9.28	91	25217	0.79 ug/L	91
80) C286	1,2-Dibromo-3-Chloro	10.00	75	990	0.61 ug/L #	62
81) C313	1,2,4-Trichlorobenze	10.65	180	10074	0.81 ug/L	93
82) C316	Hexachlorobutadiene	10.76	225	6470	0.96 ug/L	82
83) C314	Naphthalene	10.87	128	19659	0.59 ug/L	97
84) C934	1,2,3-Trichlorobenze	11.05	180	10293	0.85 ug/L	95

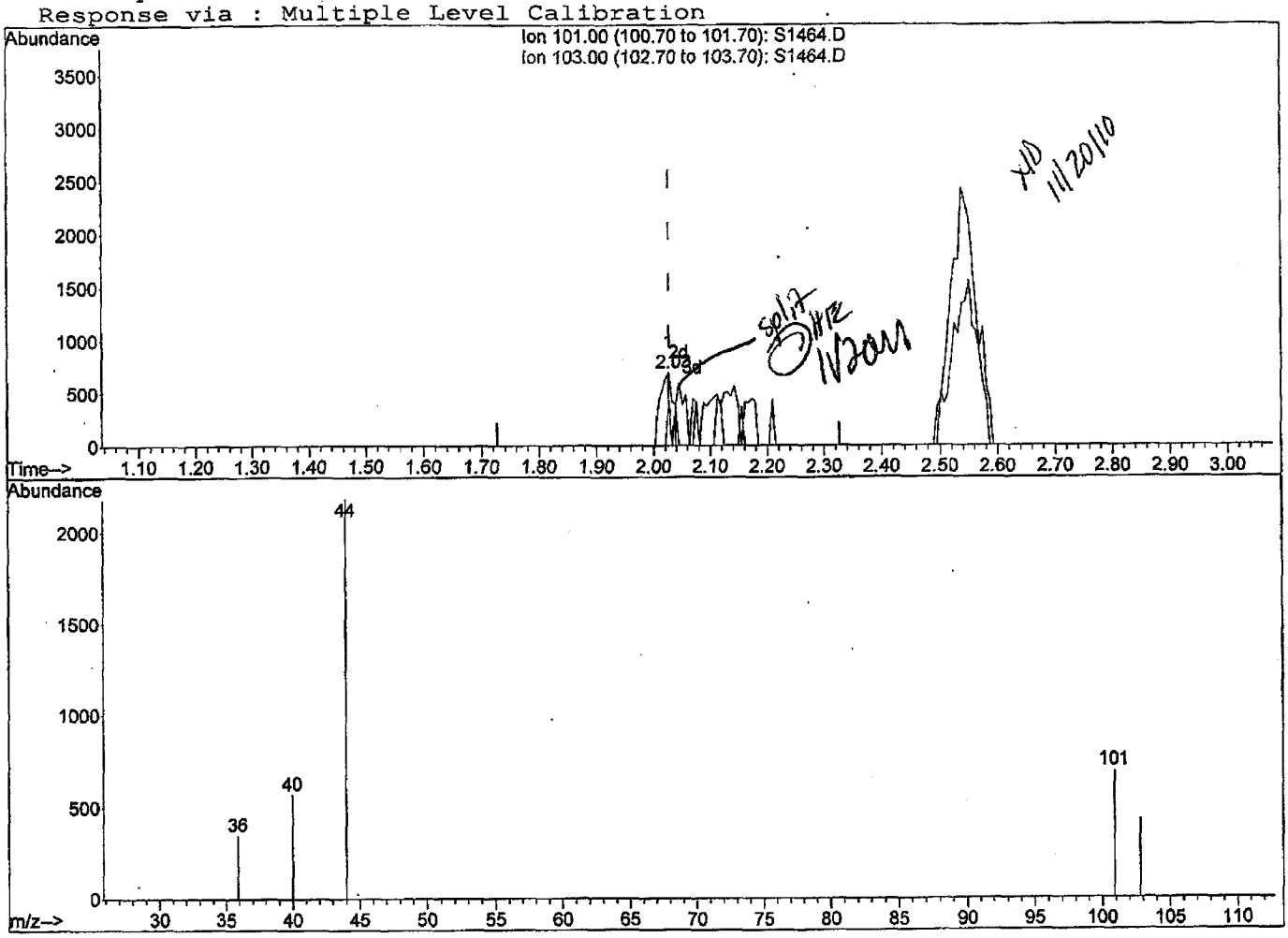
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1464.D
Acq On : 19 Nov 2010 23:58
Sample : T005292-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:36 2010

Vial: 2
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1464.D

(7) C275 Trichlorofluoromethane (T)

2.03min (0.000) 0.15ug/L

response 1118

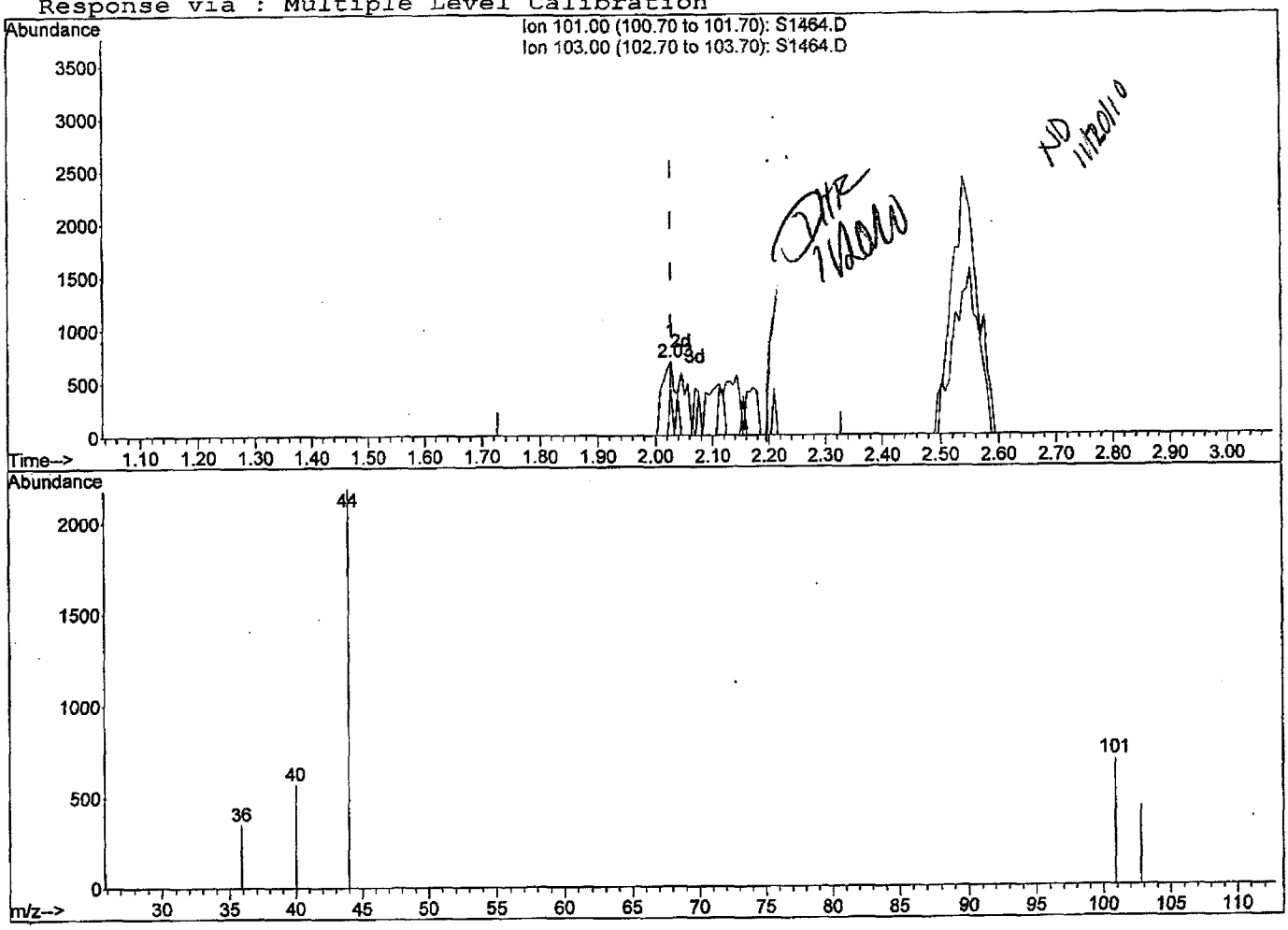
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	62.39
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1464.D
Acq On : 19 Nov 2010 23:58
Sample : T005292-CAL1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:36 2010

Vial: 2
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1464.D

(7) C275 Trichlorofluoromethane (T)

2.03min (0.000) 0.60ug/L m

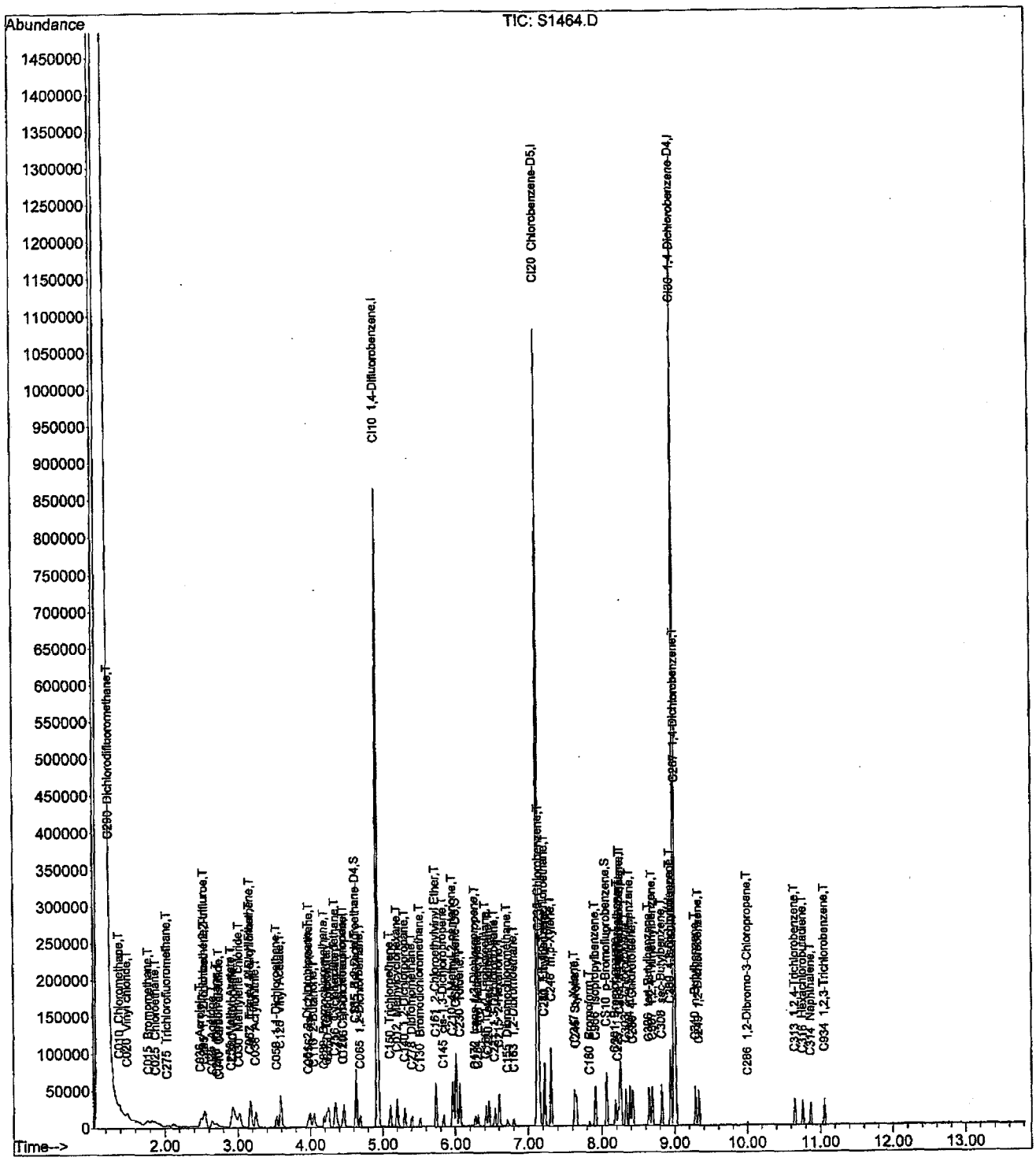
response 4363

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	62.39
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1464.D Vial: 2
Acq On : 19 Nov 2010 23:58 Operator: CDC
Sample : T005292-CAL1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 20 09:25:35 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1465.D Vial: 3
Acq On : 20 Nov 2010 00:19 Operator: CDC
Sample : T005292-CAL2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:26:06 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	554319	25.00	ug/L	0.00 98.17%
42) CI20	Chlorobenzene-D5	7.13	82	266002	25.00	ug/L	0.00 93.83%
62) CI30	1,4-Dichlorobenzene-	9.00	152	277245	25.00	ug/L	0.00 96.60%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.63	65	42071	4.38	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	17.52%#	
43) CS05	Toluene-D8	6.02	98	128627	4.50	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	18.00%#	
61) CS10	p-Bromofluorobenzene	8.07	174	40654	4.38	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	17.52%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.28	85	35731	5.21	ug/L #	100
3) C010	Chloromethane	1.39	50	39626	5.07	ug/L	92
4) C020	Vinyl chloride	1.50	62	37261	4.96	ug/L	85
5) C015	Bromomethane	1.77	94	12061	4.89	ug/L	79
6) C025	Chloroethane	1.87	64	17500	4.46	ug/L	90
7) C275	Trichlorofluorometha	2.11	101	34315m	4.77	ug/L	85
8) C045	1,1-Dichloroethene	2.55	96	39769	5.12	ug/L	91
9) C030	Methylene chloride	3.03	84	45947	4.97	ug/L	90
10) C040	Carbon disulfide	2.74	76	58104	4.21	ug/L	96
11) C036	Acrolein	2.49	56	59008	97.40	ug/L	97
12) C038	Acrylonitrile	3.24	53	91279	25.10	ug/L	94
13) C035	Acetone	2.65	43	70673	24.85	ug/L	94
14) C300	Acetonitrile	2.93	41	248892	211.89	ug/L	100
15) C276	Iodomethane	2.71	142	37533	4.70	ug/L	99
16) C291	1,1,2-Trichloro-1,2,	2.55	101	40443	5.47	ug/L	88
17) C962	T-butyl Methyl Ether	3.17	73	92944	4.61	ug/L	93
18) C057	trans-1,2-Dichloroet	3.17	96	38347	4.92	ug/L	99
19) C255	Methyl Acetate	2.90	43	45875	4.87	ug/L	92
20) C050	1,1-Dichloroethane	3.54	63	65406	4.93	ug/L	98
21) C125	Vinyl Acetate	3.59	43	327297	23.22	ug/L	95
22) C051	2,2-Dichloropropane	3.97	77	20187	4.69	ug/L	100
23) C056	cis-1,2-Dichloroethe	4.00	96	40436	4.94	ug/L	95
24) C272	Tetrahydrofuran	4.22	42	68259	24.44	ug/L	92
25) C222	Bromochloromethane	4.19	128	20498	5.17	ug/L	91
26) C060	Chloroform	4.25	83	66547	4.99	ug/L	98
27) C115	1,1,1-Trichloroethan	4.34	97	40391	4.91	ug/L	98
28) C120	Carbon tetrachloride	4.45	117	38841	4.56	ug/L	92
29) C116	1,1-Dichloropropene	4.47	75	49994	4.88	ug/L	99
31) C165	Benzene	4.64	78	165365	5.10	ug/L	97
32) C065	1,2-Dichloroethane	4.69	62	52545	5.04	ug/L	96
33) C110	2-Butanone	4.05	43	108915	24.67	ug/L	90
34) C256	Cyclohexane	4.34	56	67882	5.10	ug/L	98
35) C150	Trichloroethene	5.10	95	39978	4.96	ug/L	94
36) C140	1,2-Dichloropropane	5.31	63	37940	4.91	ug/L	98
37) C278	Dibromomethane	5.41	93	22860	4.90	ug/L	91
38) C130	Bromodichloromethane	5.52	83	38718	4.57	ug/L	100
39) C161	2-Chloroethylvinyl E	5.74	63	118154	23.66	ug/L	93

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1465.D Vial: 3
Acq On : 20 Nov 2010 00:19 Operator: CDC
Sample : T005292-CAL2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:26:06 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	5.20	83	67413	4.95	ug/L		97
41) C145	cis-1,3-Dichloroprop	5.84	75	46487	4.44	ug/L		99
44) C230	Toluene	6.07	92	102885	5.19	ug/L		96
45) C170	trans-1,3-Dichloropr	6.27	75	38930	4.29	ug/L		98
46) C284	Ethyl Methacrylate	6.31	69	41866	4.49	ug/L	#	89
47) C160	1,1,2-Trichloroethan	6.42	83	29451	5.02	ug/L		97
48) C210	4-Methyl-2-pentanone	5.97	43	201848	25.20	ug/L		93
49) C220	Tetrachloroethene	6.46	166	43151	5.22	ug/L		99
50) C221	1,3-Dichloropropane	6.55	76	60727	5.01	ug/L		99
51) C155	Dibromochloromethane	6.72	129	25450	4.28	ug/L		98
52) C163	1,2-Dibromoethane	6.80	107	32807	4.83	ug/L		99
53) C215	2-Hexanone	6.60	43	140358	24.85	ug/L		89
54) C235	Chlorobenzene	7.15	112	108275	5.03	ug/L		99
55) C281	1,1,1,2-Tetrachloroe	7.22	131	30747	4.65	ug/L		99
56) C240	Ethylbenzene	7.22	91	180827	4.97	ug/L		100
57) C246	m,p-Xylene	7.31	106	142181	10.19	ug/L		98
58) C247	o-Xylene	7.63	106	63372	4.81	ug/L		95
59) C245	Styrene	7.65	104	107950	4.90	ug/L		90
60) C180	Bromoform	7.84	173	14664	3.96	ug/L		99
63) C966	Isopropylbenzene	7.92	105	172892	4.74	ug/L		94
64) C301	Bromobenzene	8.19	156	45564	4.93	ug/L		99
65) C225	1,1,2,2-Tetrachloroe	8.22	83	47353	4.73	ug/L		99
66) C282	1,2,3-Trichloropropa	8.26	110	15263	5.08	ug/L		100
67) C283	t-1,4-Dichloro-2-But	8.26	51	34763	24.16	ug/L	#	52
68) C302	n-Propylbenzene	8.24	91	223990	4.88	ug/L		95
69) C303	2-Chlorotoluene	8.33	126	43836	4.88	ug/L		100
70) C289	4-Chlorotoluene	8.42	126	45876	5.00	ug/L		100
71) C304	1,3,5-Trimethylbenze	8.38	105	154810	4.92	ug/L		96
72) C306	tert-Butylbenzene	8.65	134	32410	4.80	ug/L		99
73) C307	1,2,4-Trimethylbenze	8.69	105	157719	4.94	ug/L		95
74) C308	sec-Butylbenzene	8.82	105	200898	4.91	ug/L		93
75) C260	1,3-Dichlorobenzene	8.94	146	95140	5.07	ug/L		99
76) C309	4-Isopropyltoluene	8.94	119	164878	4.87	ug/L		96
77) C267	1,4-Dichlorobenzene	9.02	146	100336	5.00	ug/L		96
78) C249	1,2-Dichlorobenzene	9.33	146	94247	5.08	ug/L		97
79) C310	n-Butylbenzene	9.28	91	153782	4.77	ug/L		95
80) C286	1,2-Dibromo-3-Chloro	10.00	75	6621	4.07	ug/L		79
81) C313	1,2,4-Trichlorobenze	10.65	180	57125	4.54	ug/L		99
82) C316	Hexachlorobutadiene	10.76	225	34181	5.02	ug/L		97
83) C314	Naphthalene	10.87	128	142474	4.27	ug/L		98
84) C934	1,2,3-Trichlorobenze	11.05	180	58182	4.78	ug/L		99

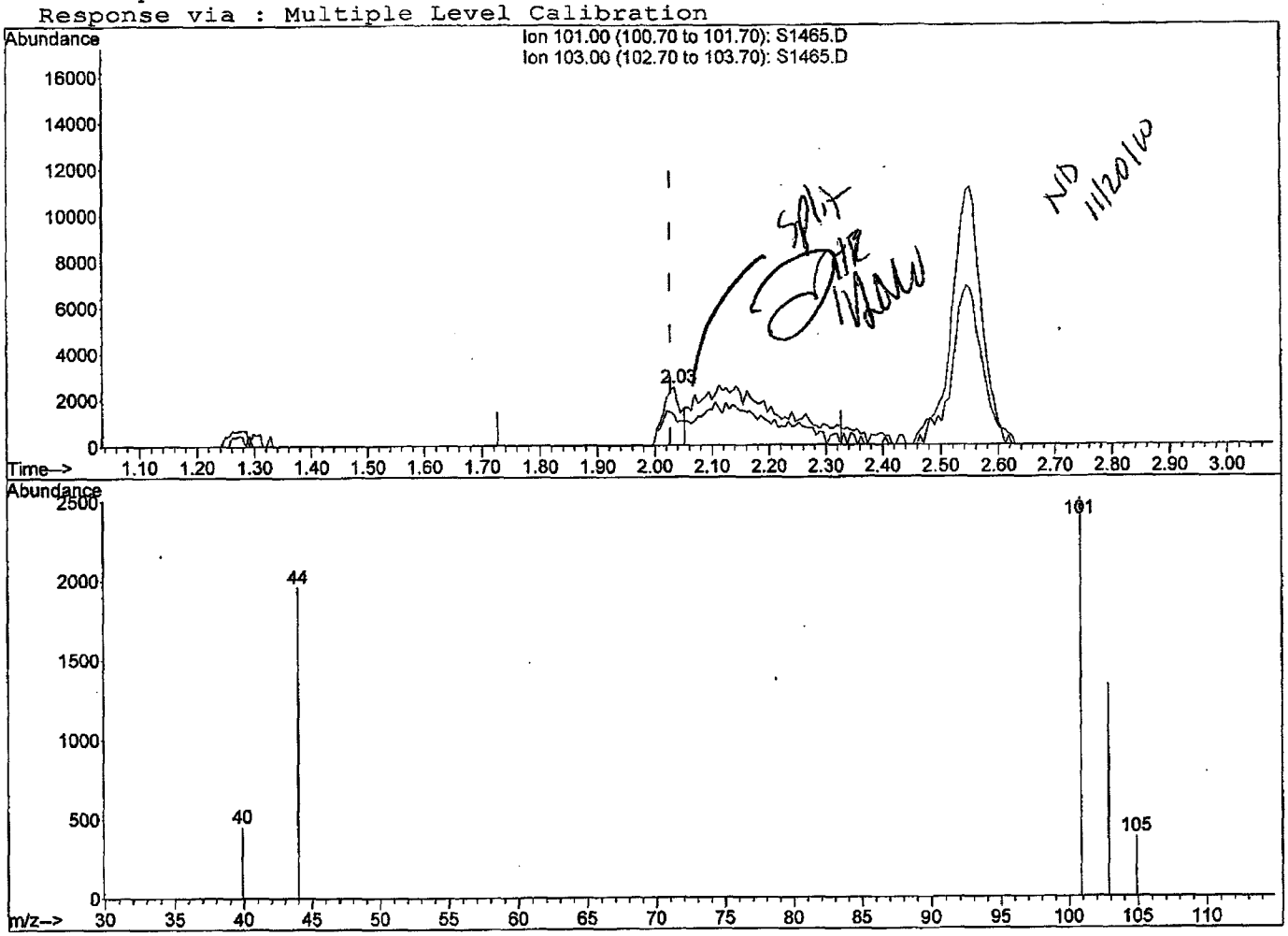
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1465.D
Acq On : 20 Nov 2010 00:19
Sample : T005292-CAL2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:42 2010

Vial: 3
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1465.D

(7) C275 Trichlorofluoromethane (T)

2.03min (+0.006) 0.76ug/L

response 5437

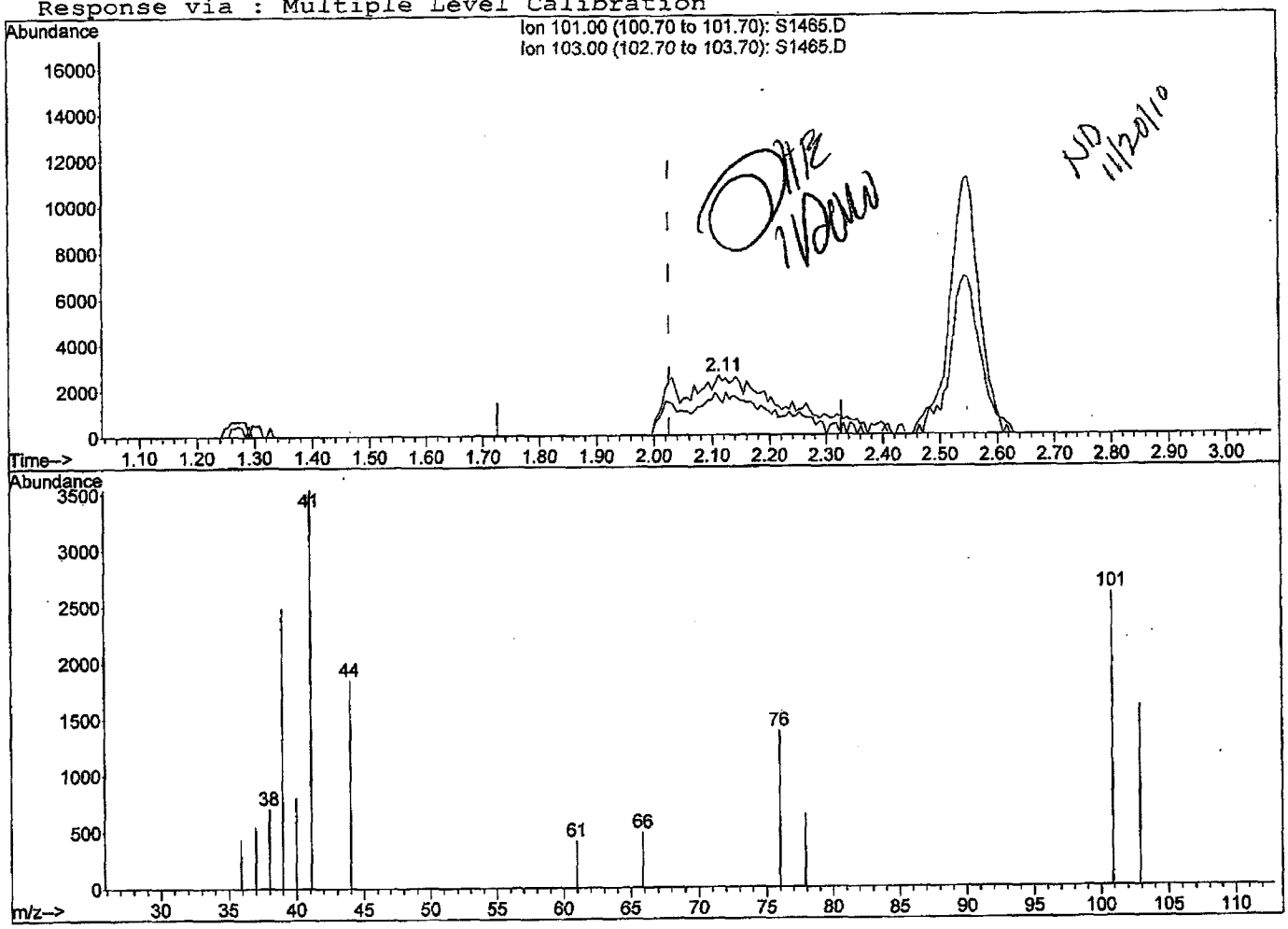
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	53.38
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1465.D
Acq On : 20 Nov 2010 00:19
Sample : T005292-CAL2
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:42 2010

Vial: 3
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1465.D

(7) C275 Trichlorofluoromethane (T)

2.11min (+0.085) 4.77ug/L m

response 34315

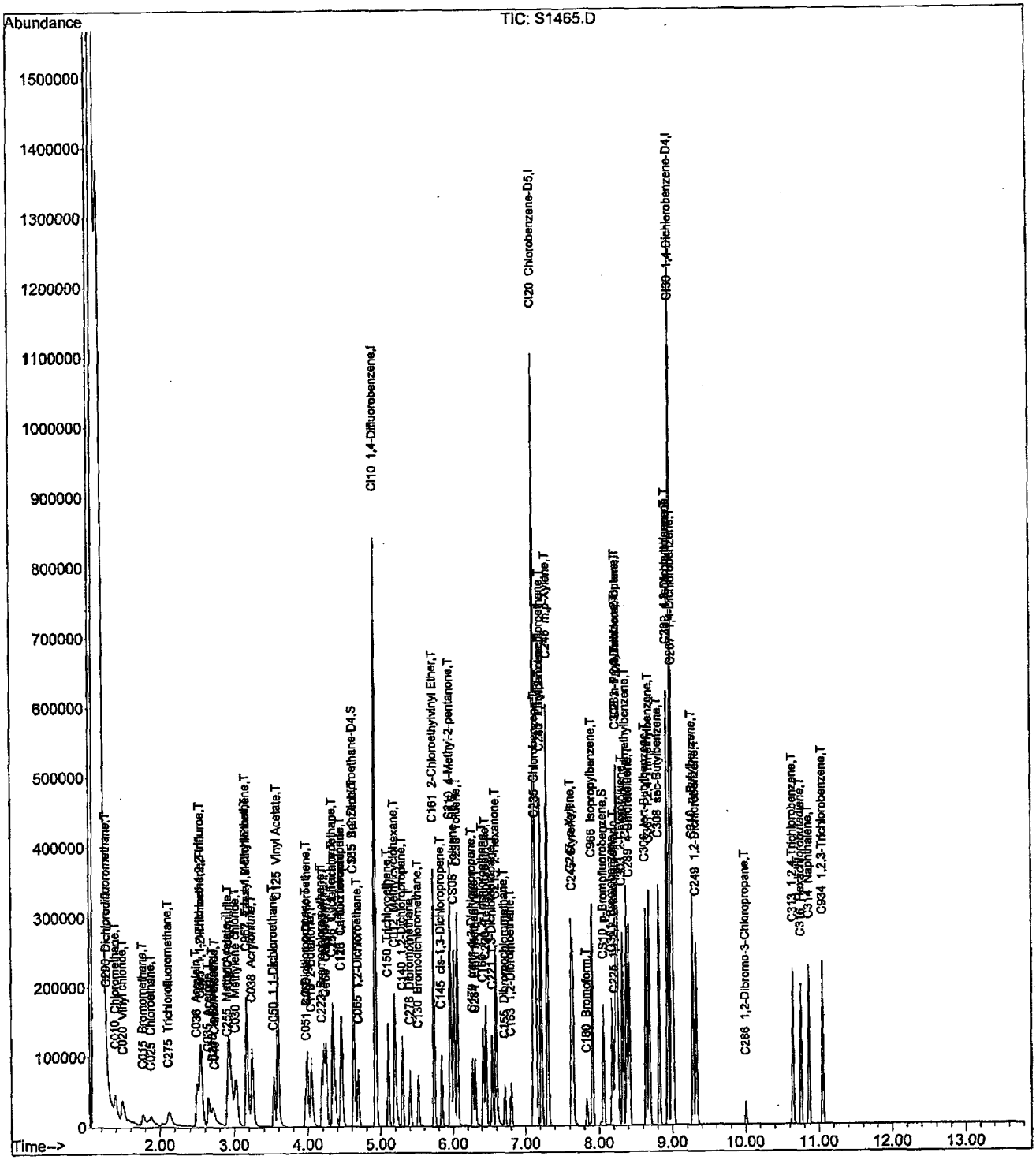
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	61.61
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1465.D
Acq On : 20 Nov 2010 00:19
Sample : T005292-CAL2
Misc :
MS Integration Params: RTEINT.P

Vial: 3
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Quant Time: Nov 20 09:26:06 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1466.D Vial: 4
Acq On : 20 Nov 2010 00:41 Operator: CDC
Sample : T005292-CAL3 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:26:33 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	574537	25.00	ug/L	0.00 101.75%
42) CI20	Chlorobenzene-D5	7.13	82	283580	25.00	ug/L	0.00 100.03%
62) CI30	1,4-Dichlorobenzene-	9.00	152	283984	25.00	ug/L	0.00 98.94%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.63	65	86082	8.65	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	34.60%#	
43) CS05	Toluene-D8	6.02	98	257196	8.43	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	33.72%#	
61) CS10	p-Bromofluorobenzene	8.07	174	85898	8.68	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	34.72%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.28	85	68085	9.58	ug/L #	100
3) C010	Chloromethane	1.39	50	77430	9.56	ug/L	93
4) C020	Vinyl chloride	1.50	62	71550	9.18	ug/L	87
5) C015	Bromomethane	1.77	94	24923	9.75	ug/L	87
6) C025	Chloroethane	1.86	64	42639	10.49	ug/L	92
7) C275	Trichlorofluorometha	2.12	101	72225m	9.69	ug/L	91
8) C045	1,1-Dichloroethene	2.54	96	73753	9.15	ug/L	91
9) C030	Methylene chloride	3.02	84	88050	9.19	ug/L	87
10) C040	Carbon disulfide	2.75	76	126673	8.86	ug/L	95
11) C036	Acrolein	2.50	56	118898	189.35	ug/L	95
12) C038	Acrylonitrile	3.24	53	182161	48.33	ug/L	93
13) C035	Acetone	2.65	43	138462	46.97	ug/L	96
14) C300	Acetonitrile	2.93	41	449823	369.47	ug/L	100
15) C276	Iodomethane	2.70	142	77546	9.37	ug/L	99
16) C291	1,1,2-Trichloro-1,2,	2.55	101	70115	9.14	ug/L	92
17) C962	T-butyl Methyl Ether	3.17	73	195747	9.37	ug/L	94
18) C057	trans-1,2-Dichloroet	3.17	96	76865	9.52	ug/L	97
19) C255	Methyl Acetate	2.90	43	95712	9.79	ug/L	95
20) C050	1,1-Dichloroethane	3.54	63	132902	9.67	ug/L	98
21) C125	Vinyl Acetate	3.59	43	719046	49.22	ug/L	95
22) C051	2,2-Dichloropropane	3.97	77	41509	9.31	ug/L	100
23) C056	cis-1,2-Dichloroethe	4.00	96	81987	9.66	ug/L	95
24) C272	Tetrahydrofuran	4.22	42	141220	48.78	ug/L	89
25) C222	Bromochloromethane	4.19	128	40043	9.74	ug/L	92
26) C060	Chloroform	4.25	83	133217	9.63	ug/L	98
27) C115	1,1,1-Trichloroethan	4.34	97	84570	9.91	ug/L	98
28) C120	Carbon tetrachloride	4.45	117	82071	9.30	ug/L	99
29) C116	1,1-Dichloropropene	4.47	75	103224	9.73	ug/L	95
31) C165	Benzene	4.63	78	325656	9.69	ug/L	98
32) C065	1,2-Dichloroethane	4.69	62	104924	9.70	ug/L	98
33) C110	2-Butanone	4.05	43	219082	47.88	ug/L	90
34) C256	Cyclohexane	4.34	56	131588	9.54	ug/L	96
35) C150	Trichloroethene	5.11	95	78845	9.43	ug/L	98
36) C140	1,2-Dichloropropane	5.31	63	76609	9.57	ug/L	96
37) C278	Dibromomethane	5.41	93	46739	9.66	ug/L	95
38) C130	Bromodichloromethane	5.52	83	80874	9.20	ug/L	98
39) C161	2-Chloroethylvinyl E	5.74	63	254305	49.14	ug/L	92

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1466.D Vial: 4
Acq On : 20 Nov 2010 00:41 Operator: CDC
Sample : T005292-CAL3 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:26:33 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc Units		Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	5.20	83	134719	9.55 ug/L		98
41) C145	cis-1,3-Dichloroprop	5.85	75	103444	9.53 ug/L		99
44) C230	Toluene	6.07	92	202703	9.60 ug/L		95
45) C170	trans-1,3-Dichloropr	6.27	75	90038	9.30 ug/L		97
46) C284	Ethyl Methacrylate	6.31	69	92888	9.33 ug/L	#	88
47) C160	1,1,2-Trichloroethan	6.42	83	61180	9.79 ug/L		97
48) C210	4-Methyl-2-pentanone	5.96	43	411751	48.21 ug/L		94
49) C220	Tetrachloroethene	6.46	166	85602	9.71 ug/L		99
50) C221	1,3-Dichloropropane	6.54	76	125719	9.72 ug/L		100
51) C155	Dibromochloromethane	6.72	129	58212	9.18 ug/L		99
52) C163	1,2-Dibromoethane	6.80	107	69555	9.61 ug/L		97
53) C215	2-Hexanone	6.60	43	291608	48.43 ug/L		93
54) C235	Chlorobenzene	7.16	112	221637	9.65 ug/L		98
55) C281	1,1,1,2-Tetrachloroe	7.23	131	66493	9.44 ug/L		99
56) C240	Ethylbenzene	7.22	91	372851	9.62 ug/L		100
57) C246	m,p-Xylene	7.31	106	287259	19.32 ug/L		98
58) C247	o-Xylene	7.63	106	135691	9.67 ug/L		97
59) C245	Styrene	7.65	104	224544	9.57 ug/L		93
60) C180	Bromoform	7.84	173	33552	8.51 ug/L		96
63) C966	Isopropylbenzene	7.92	105	365102	9.77 ug/L		97
64) C301	Bromobenzene	8.19	156	91488	9.66 ug/L		97
65) C225	1,1,2,2-Tetrachloroe	8.22	83	98397	9.59 ug/L		100
66) C282	1,2,3-Trichloropropa	8.25	110	29506	9.58 ug/L		100
67) C283	t-1,4-Dichloro-2-But	8.26	51	70874	48.08 ug/L	#	61
68) C302	n-Propylbenzene	8.24	91	463028	9.85 ug/L		94
69) C303	2-Chlorotoluene	8.33	126	90809	9.88 ug/L		100
70) C289	4-Chlorotoluene	8.42	126	93452	9.95 ug/L		100
71) C304	1,3,5-Trimethylbenze	8.38	105	313447	9.73 ug/L		97
72) C306	tert-Butylbenzene	8.65	134	67387	9.74 ug/L		92
73) C307	1,2,4-Trimethylbenze	8.69	105	323918	9.91 ug/L		98
74) C308	sec-Butylbenzene	8.82	105	412854	9.86 ug/L		94
75) C260	1,3-Dichlorobenzene	8.94	146	190508	9.90 ug/L		97
76) C309	4-Isopropyltoluene	8.94	119	344538	9.93 ug/L		98
77) C267	1,4-Dichlorobenzene	9.02	146	194944	9.49 ug/L		99
78) C249	1,2-Dichlorobenzene	9.33	146	186449	9.81 ug/L		97
79) C310	n-Butylbenzene	9.28	91	317665	9.63 ug/L		98
80) C286	1,2-Dibromo-3-Chloro	10.00	75	14790	8.88 ug/L		81
81) C313	1,2,4-Trichlorobenze	10.65	180	118968	9.22 ug/L		98
82) C316	Hexachlorobutadiene	10.76	225	61773	8.86 ug/L		99
83) C314	Naphthalene	10.87	128	321112	9.39 ug/L		98
84) C934	1,2,3-Trichlorobenze	11.05	180	116739	9.36 ug/L		98

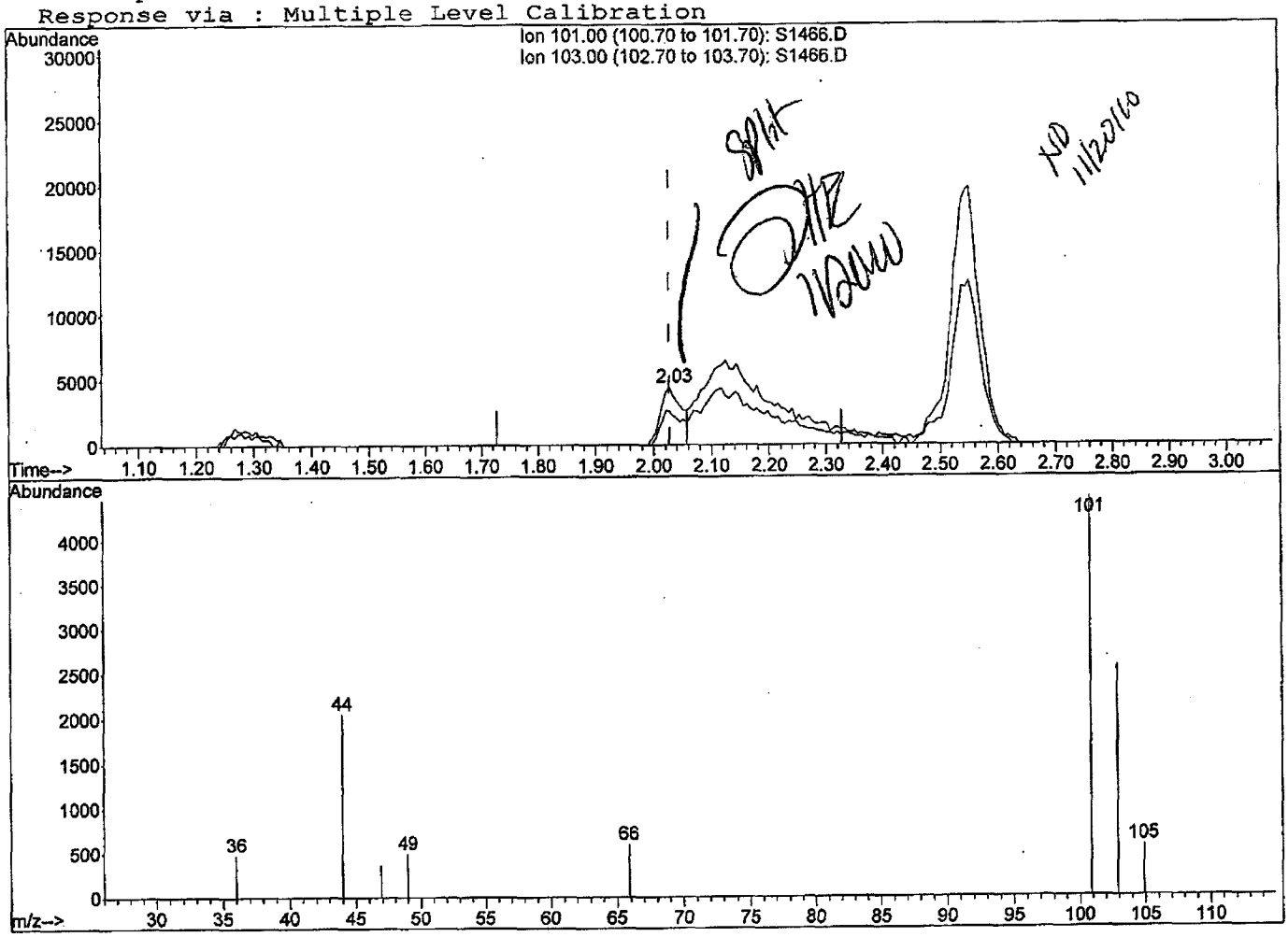
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1466.D
Acq On : 20 Nov 2010 00:41
Sample : T005292-CAL3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:47 2010

Vial: 4
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1466.D

(7) C275 Trichlorofluoromethane (T)

2.03min (+0.000) 1.49ug/L

response 11120

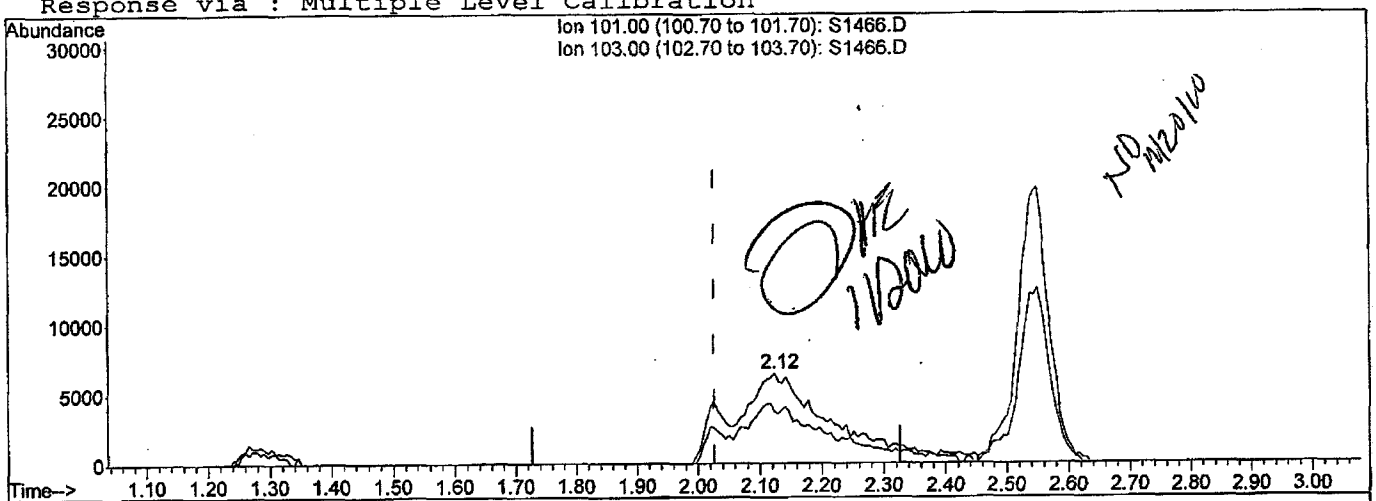
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	57.57
0.00	0.00	0.00
0.00	0.00	0.00

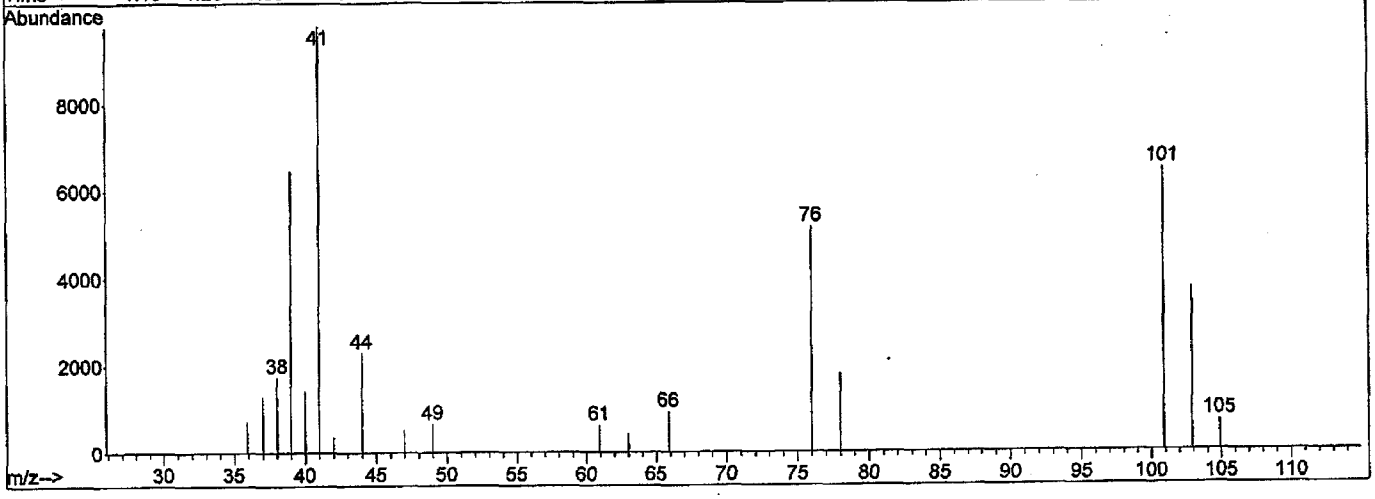
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1466.D
Acq On : 20 Nov 2010 00:41
Sample : T005292-CAL3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:47 2010

Vial: 4
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration





TIC: S1466.D

(7) C275 Trichlorofluoromethane (T)

2.12min (+0.097) 9.69ug/L m

response 72225

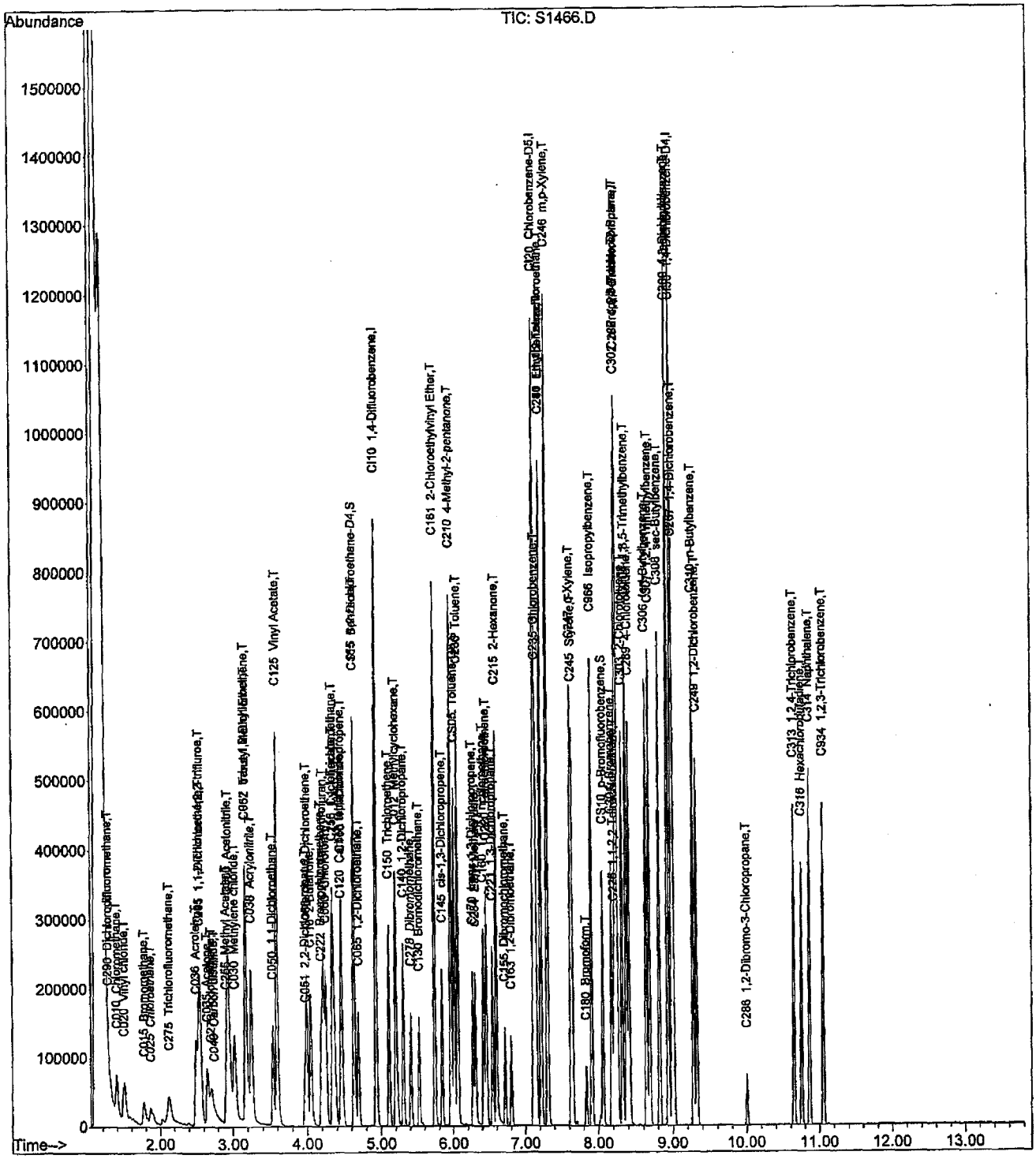
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	57.60
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1466.D
Acq On : 20 Nov 2010 00:41
Sample : T005292-CAL3
Misc :
MS Integration Params: RTEINT.P

Vial: 4
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Quant Time: Nov 20 09:26:33 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1467.D Vial: 5
Acq On : 20 Nov 2010 1:02 Operator: CDC
Sample : T005292-CAL4 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:26:55 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	564673	25.00	ug/L	0.00 100.00%
42) CI20	Chlorobenzene-D5	7.13	82	283496	25.00	ug/L	0.00 100.00%
62) CI30	1,4-Dichlorobenzene-	9.00	152	287016	25.00	ug/L	0.00 100.00%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.63	65	178948	18.30	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery =	73.20%		
43) CS05	Toluene-D8	6.02	98	575219	18.87	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery =	75.48%		
61) CS10	p-Bromofluorobenzene	8.07	174	178384	18.02	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery =	72.08%#		
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.27	85	185019	26.48	ug/L	# 100
3) C010	Chloromethane	1.39	50	199027	25.00	ug/L	97
4) C020	Vinyl chloride	1.50	62	192285	25.11	ug/L	90
5) C015	Bromomethane	1.77	94	63912	25.43	ug/L	85
6) C025	Chloroethane	1.88	64	90628	22.69	ug/L	87
7) C275	Trichlorofluorometha	2.11	101	211960m	28.94	ug/L	96
8) C045	1,1-Dichloroethene	2.55	96	204977	25.88	ug/L	88
9) C030	Methylene chloride	3.03	84	207955	22.08	ug/L	87
10) C040	Carbon disulfide	2.75	76	376152	26.77	ug/L	100
11) C036	Acrolein	2.50	56	310783	503.59	ug/L	96
12) C038	Acrylonitrile	3.24	53	469326	126.69	ug/L	93
13) C035	Acetone	2.65	43	354575	122.38	ug/L	93
14) C300	Acetonitrile	2.93	41	1206212	1008.04	ug/L	98
15) C276	Iodomethane	2.71	142	205364	25.26	ug/L	99
16) C291	1,1,2-Trichloro-1,2,	2.55	101	182446	24.21	ug/L	92
17) C962	T-butyl Methyl Ether	3.17	73	520099	25.34	ug/L	95
18) C057	trans-1,2-Dichloroet	3.17	96	206202	25.98	ug/L	97
19) C255	Methyl Acetate	2.90	43	239986	24.99	ug/L	93
20) C050	1,1-Dichloroethane	3.54	63	346889	25.69	ug/L	99
21) C125	Vinyl Acetate	3.59	43	1933774	134.68	ug/L	95
22) C051	2,2-Dichloropropane	3.97	77	114571	26.15	ug/L	96
23) C056	cis-1,2-Dichloroethe	4.00	96	219833	26.36	ug/L	94
24) C272	Tetrahydrofuran	4.22	42	369269	129.78	ug/L	83
25) C222	Bromochloromethane	4.19	128	103443	25.60	ug/L	94
26) C060	Chloroform	4.25	83	345770	25.44	ug/L	100
27) C115	1,1,1-Trichloroethan	4.34	97	230228	27.46	ug/L	98
28) C120	Carbon tetrachloride	4.45	117	233914	26.97	ug/L	98
29) C116	1,1-Dichloropropene	4.47	75	276358	26.50	ug/L	98
31) C165	Benzene	4.63	78	854956	25.89	ug/L	99
32) C065	1,2-Dichloroethane	4.69	62	270410	25.44	ug/L	97
33) C110	2-Butanone	4.05	43	567658	126.21	ug/L	91
34) C256	Cyclohexane	4.34	56	346105	25.52	ug/L	98
35) C150	Trichloroethene	5.11	95	209666	25.52	ug/L	95
36) C140	1,2-Dichloropropane	5.31	63	203051	25.80	ug/L	100
37) C278	Dibromomethane	5.41	93	124615	26.21	ug/L	94
38) C130	Bromodichloromethane	5.52	83	236155	27.34	ug/L	98
39) C161	2-Chloroethylvinyl E	5.74	63	677872	133.28	ug/L	92

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1467.D Vial: 5
Acq On : 20 Nov 2010 1:02 Operator: CDC
Sample : T005292-CAL4 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:26:55 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	5.20	83	349780	25.23	ug/L		97
41)	C145	cis-1,3-Dichloroprop	5.84	75	295657	27.72	ug/L		99
44)	C230	Toluene	6.07	92	532720	25.23	ug/L		93
45)	C170	trans-1,3-Dichloropr	6.27	75	265506	27.44	ug/L		96
46)	C284	Ethyl Methacrylate	6.31	69	260983	26.24	ug/L	#	88
47)	C160	1,1,2-Trichloroethan	6.42	83	158278	25.33	ug/L		99
48)	C210	4-Methyl-2-pentanone	5.96	43	1089742	127.64	ug/L		93
49)	C220	Tetrachloroethene	6.46	166	222557	25.26	ug/L		99
50)	C221	1,3-Dichloropropane	6.54	76	324850	25.13	ug/L		99
51)	C155	Dibromochloromethane	6.72	129	169548	26.73	ug/L		99
52)	C163	1,2-Dibromoethane	6.80	107	187070	25.84	ug/L		99
53)	C215	2-Hexanone	6.60	43	778101	129.26	ug/L		90
54)	C235	Chlorobenzene	7.16	112	570732	24.85	ug/L		99
55)	C281	1,1,1,2-Tetrachloroe	7.23	131	186486	26.48	ug/L		100
56)	C240	Ethylbenzene	7.22	91	998285	25.75	ug/L		100
57)	C246	m,p-Xylene	7.31	106	774442	52.10	ug/L		98
58)	C247	o-Xylene	7.63	106	381829	27.22	ug/L		99
59)	C245	Styrene	7.65	104	634860	27.06	ug/L		92
60)	C180	Bromoform	7.84	173	109043	27.66	ug/L		97
63)	C966	Isopropylbenzene	7.92	105	1011497	26.79	ug/L		98
64)	C301	Bromobenzene	8.19	156	246380	25.74	ug/L		98
65)	C225	1,1,2,2-Tetrachloroe	8.22	83	270313	26.06	ug/L		98
66)	C282	1,2,3-Trichloropropa	8.26	110	80023	25.71	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	8.26	51	195026	130.91	ug/L	#	68
68)	C302	n-Propylbenzene	8.24	91	1283205	27.00	ug/L		94
69)	C303	2-Chlorotoluene	8.33	126	239673	25.80	ug/L		100
70)	C289	4-Chlorotoluene	8.42	126	247532	26.07	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.38	105	870752	26.74	ug/L		96
72)	C306	tert-Butylbenzene	8.65	134	191402	27.36	ug/L	#	89
73)	C307	1,2,4-Trimethylbenze	8.69	105	891733	26.99	ug/L		98
74)	C308	sec-Butylbenzene	8.82	105	1140305	26.94	ug/L		93
75)	C260	1,3-Dichlorobenzene	8.94	146	502621	25.85	ug/L		98
76)	C309	4-Isopropyltoluene	8.94	119	956943	27.28	ug/L		98
77)	C267	1,4-Dichlorobenzene	9.02	146	517191	24.92	ug/L		98
78)	C249	1,2-Dichlorobenzene	9.33	146	488240	25.43	ug/L		97
79)	C310	n-Butylbenzene	9.28	91	901526	27.04	ug/L		93
80)	C286	1,2-Dibromo-3-Chloro	10.00	75	46829	27.81	ug/L		84
81)	C313	1,2,4-Trichlorobenze	10.65	180	365861	28.06	ug/L		100
82)	C316	Hexachlorobutadiene	10.76	225	191204	27.12	ug/L		98
83)	C314	Naphthalene	10.87	128	1028755	29.75	ug/L		99
84)	C934	1,2,3-Trichlorobenze	11.05	180	347189	27.53	ug/L		97

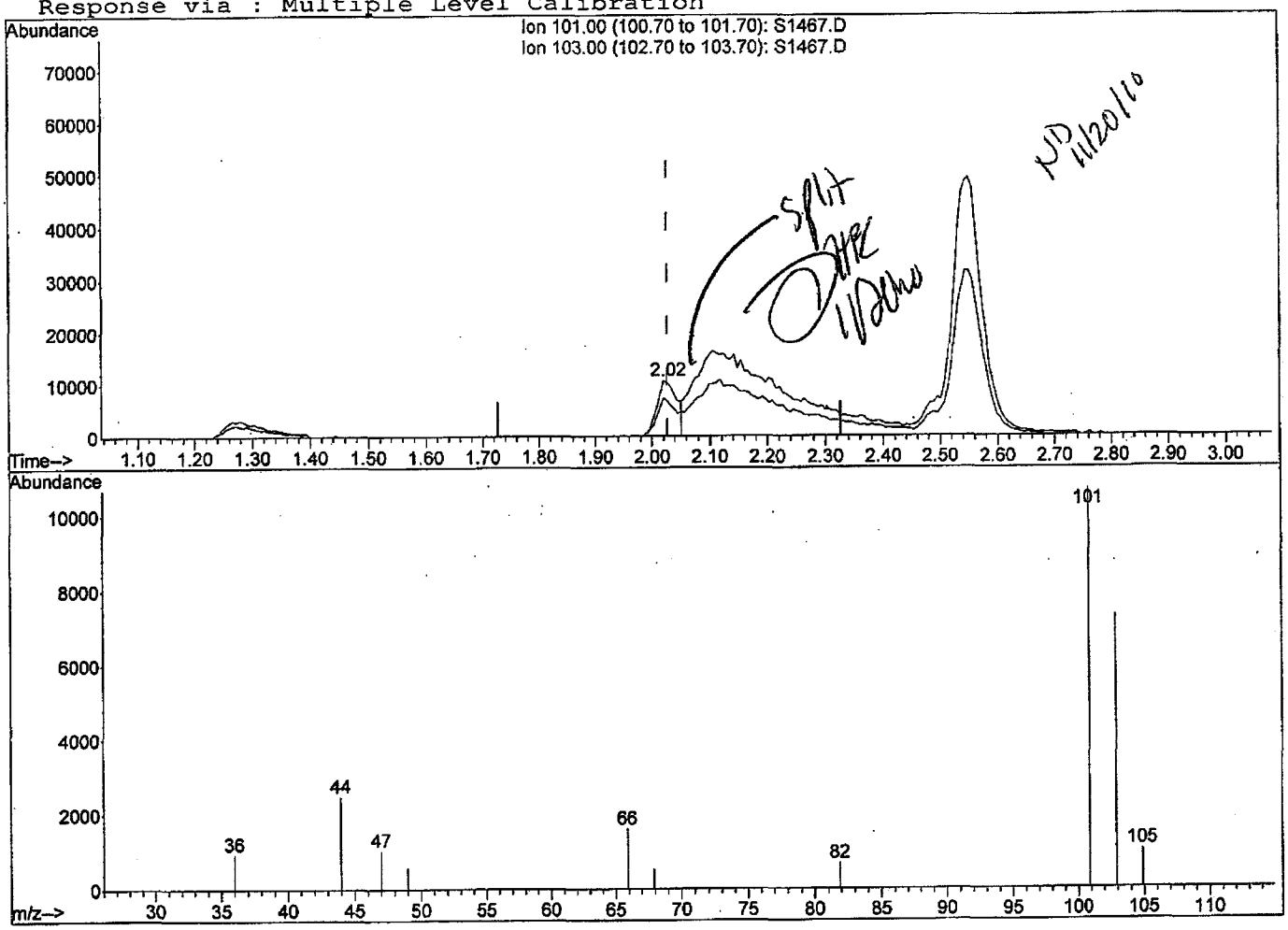
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1467.D
Acq On : 20 Nov 2010 1:02
Sample : T005292-CAL4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:53 2010

Vial: 5
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1467.D

(7) C275 Trichlorofluoromethane (T)

2.02min (-0.006) 3.52ug/L

response 25754

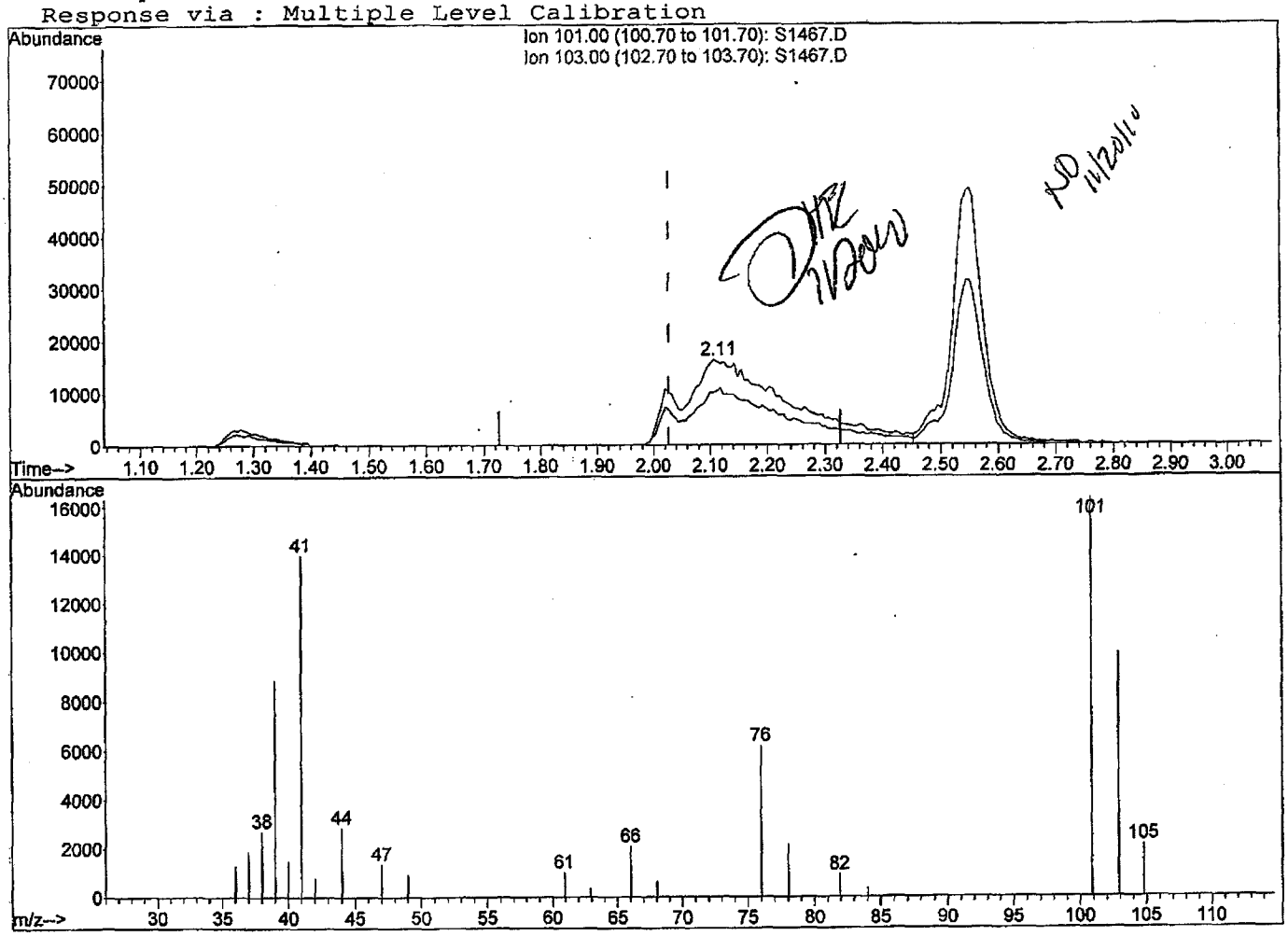
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	68.23
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1467.D
Acq On : 20 Nov 2010 1:02
Sample : T005292-CAL4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:53 2010

Vial: 5
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1467.D

(7) C275 Trichlorofluoromethane (T)

2.11min (+0.079) 28.94ug/L m

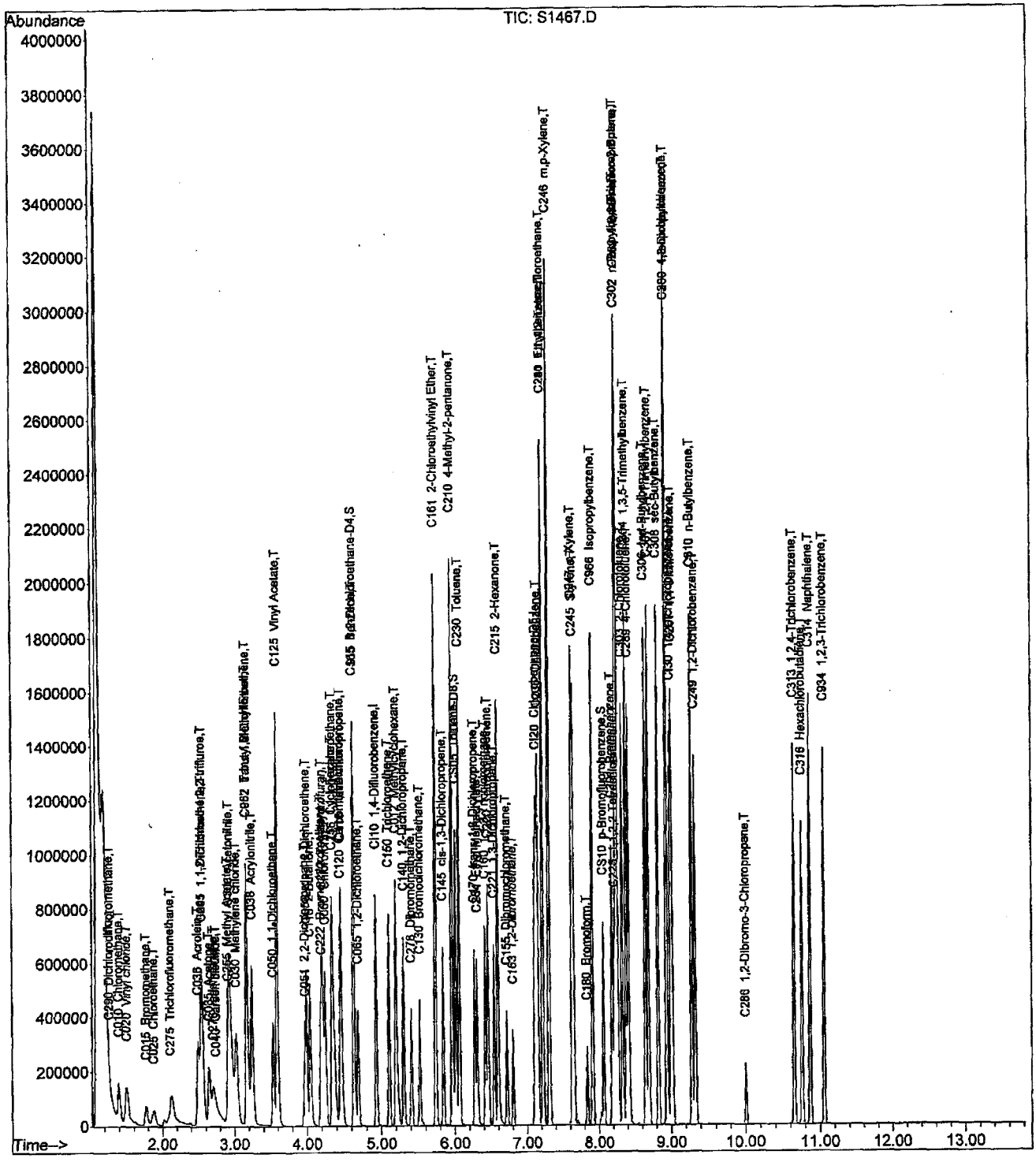
response 211960

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	60.92
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1467.D Vial: 5
Acq On : 20 Nov 2010 1:02 Operator: CDC
Sample : T005292-CAL4 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 20 09:26:55 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1468.D Vial: 6
Acq On : 20 Nov 2010 1:24 Operator: CDC
Sample : T005292-CAL5 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:27:20 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	584945	25.00	ug/L	0.00 103.59%
42) CI20	Chlorobenzene-D5	7.13	82	298681	25.00	ug/L	0.00 105.36%
62) CI30	1,4-Dichlorobenzene-	9.00	152	295045	25.00	ug/L	0.00 102.80%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.63	65	401803	39.67	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	158.68%#	
43) CS05	Toluene-D8	6.02	98	1289559	40.15	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	160.60%#	
61) CS10	p-Bromofluorobenzene	8.07	174	428287	41.07	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	164.28%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.27	85	380771	52.60	ug/L #	100
3) C010	Chloromethane	1.39	50	416826	50.54	ug/L	97
4) C020	Vinyl chloride	1.51	62	398721	50.27	ug/L	89
5) C015	Bromomethane	1.77	94	135981	52.22	ug/L	85
6) C025	Chloroethane	1.87	64	234004	56.54	ug/L	87
7) C275	Trichlorofluorometha	2.12	101	460317m	60.67	ug/L	97
8) C045	1,1-Dichloroethene	2.55	96	419785	51.17	ug/L	92
9) C030	Methylene chloride	3.03	84	445653	45.68	ug/L	88
10) C040	Carbon disulfide	2.76	76	920847	63.27	ug/L	100
11) C036	Acrolein	2.50	56	672218	1051.51	ug/L	95
12) C038	Acrylonitrile	3.24	53	1002811	261.32	ug/L	93
13) C035	Acetone	2.65	43	748458	249.37	ug/L	95
14) C300	Acetonitrile	2.93	41	2430020	1960.40	ug/L	98
15) C276	Iodomethane	2.71	142	455997	54.14	ug/L	99
16) C291	1,1,2-Trichloro-1,2,	2.55	101	389304	49.86	ug/L	91
17) C962	T-butyl Methyl Ether	3.17	73	1173169	55.18	ug/L	96
18) C057	trans-1,2-Dichloroet	3.17	96	432522	52.61	ug/L	94
19) C255	Methyl Acetate	2.90	43	508002	51.06	ug/L	92
20) C050	1,1-Dichloroethane	3.54	63	734821	52.52	ug/L	99
21) C125	Vinyl Acetate	3.59	43	4257961	286.27	ug/L	95
22) C051	2,2-Dichloropropane	3.97	77	252749	55.68	ug/L	99
23) C056	cis-1,2-Dichloroethe	4.00	96	458145	53.02	ug/L	97
24) C272	Tetrahydrofuran	4.21	42	797889	270.71	ug/L	87
25) C222	Bromochloromethane	4.19	128	217007	51.84	ug/L	96
26) C060	Chloroform	4.25	83	720321	51.16	ug/L	100
27) C115	1,1,1-Trichloroethan	4.34	97	448575	51.65	ug/L	96
28) C120	Carbon tetrachloride	4.45	117	529142	58.89	ug/L	99
29) C116	1,1-Dichloropropene	4.47	75	589606	54.58	ug/L	98
31) C165	Benzene	4.63	78	1775342	51.89	ug/L	100
32) C065	1,2-Dichloroethane	4.69	62	565353	51.35	ug/L	98
33) C110	2-Butanone	4.05	43	1225493	263.04	ug/L	89
34) C256	Cyclohexane	4.34	56	744656	53.01	ug/L	97
35) C150	Trichloroethene	5.11	95	444675	52.26	ug/L	93
36) C140	1,2-Dichloropropane	5.31	63	431414	52.92	ug/L	100
37) C278	Dibromomethane	5.41	93	263477	53.51	ug/L	94
38) C130	Bromodichloromethane	5.52	83	530680	59.31	ug/L	99
39) C161	2-Chloroethylvinyl E	5.74	63	1488192	282.46	ug/L	92

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1468.D Vial: 6
Acq On : 20 Nov 2010 1:24 Operator: CDC
Sample : T005292-CAL5 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:27:20 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	5.20	83	771055	53.68	ug/L		97
41) C145	cis-1,3-Dichloroprop	5.84	75	657437	59.50	ug/L		99
44) C230	Toluene	6.07	92	1156318	51.98	ug/L		95
45) C170	trans-1,3-Dichloropr	6.27	75	622333	61.05	ug/L		95
46) C284	Ethyl Methacrylate	6.31	69	621237	59.27	ug/L		87
47) C160	1,1,2-Trichloroethan	6.42	83	341154	51.83	ug/L		99
48) C210	4-Methyl-2-pentanone	5.96	43	2379828	264.58	ug/L		91
49) C220	Tetrachloroethene	6.46	166	475380	51.21	ug/L		99
50) C221	1,3-Dichloropropane	6.54	76	712899	52.36	ug/L		99
51) C155	Dibromochloromethane	6.72	129	408117	61.08	ug/L		98
52) C163	1,2-Dibromoethane	6.80	107	418835	54.91	ug/L		99
53) C215	2-Hexanone	6.60	43	1709215	269.50	ug/L		87
54) C235	Chlorobenzene	7.16	112	1234634	51.03	ug/L		99
55) C281	1,1,1,2-Tetrachloroe	7.23	131	422882	57.00	ug/L		97
56) C240	Ethylbenzene	7.22	91	2201190	53.90	ug/L		99
57) C246	m,p-Xylene	7.31	106	1660116	106.01	ug/L		96
58) C247	o-Xylene	7.63	106	817808	55.33	ug/L		97
59) C245	Styrene	7.65	104	1369850	55.42	ug/L		92
60) C180	Bromoform	7.84	173	269727	64.94	ug/L		96
63) C966	Isopropylbenzene	7.92	105	2210545	56.96	ug/L		96
64) C301	Bromobenzene	8.19	156	532689	54.14	ug/L		100
65) C225	1,1,2,2-Tetrachloroe	8.22	83	583957	54.76	ug/L		99
66) C282	1,2,3-Trichloropropa	8.26	110	169737	53.05	ug/L		100
67) C283	t-1,4-Dichloro-2-But	8.26	51	423553	276.57	ug/L	#	75
68) C302	n-Propylbenzene	8.24	91	2759946	56.49	ug/L		94
69) C303	2-Chlorotoluene	8.33	126	516834	54.12	ug/L		100
70) C289	4-Chlorotoluene	8.42	126	529388	54.24	ug/L		100
71) C304	1,3,5-Trimethylbenze	8.38	105	1885401	56.33	ug/L		96
72) C306	tert-Butylbenzene	8.65	134	417115	58.01	ug/L		94
73) C307	1,2,4-Trimethylbenze	8.69	105	1898319	55.90	ug/L		97
74) C308	sec-Butylbenzene	8.83	105	2453229	56.37	ug/L		96
75) C260	1,3-Dichlorobenzene	8.94	146	1048672	52.47	ug/L		100
76) C309	4-Isopropyltoluene	8.94	119	2042233	56.63	ug/L		98
77) C267	1,4-Dichlorobenzene	9.02	146	1100673	51.59	ug/L		98
78) C249	1,2-Dichlorobenzene	9.33	146	1026266	52.00	ug/L		97
79) C310	n-Butylbenzene	9.28	91	1957658	57.11	ug/L		97
80) C286	1,2-Dibromo-3-Chloro	10.00	75	109850	63.46	ug/L		81
81) C313	1,2,4-Trichlorobenze	10.65	180	766880	57.22	ug/L		98
82) C316	Hexachlorobutadiene	10.76	225	382014	52.71	ug/L		99
83) C314	Naphthalene	10.87	128	2185589	61.49	ug/L		99
84) C934	1,2,3-Trichlorobenze	11.05	180	714293	55.10	ug/L		100

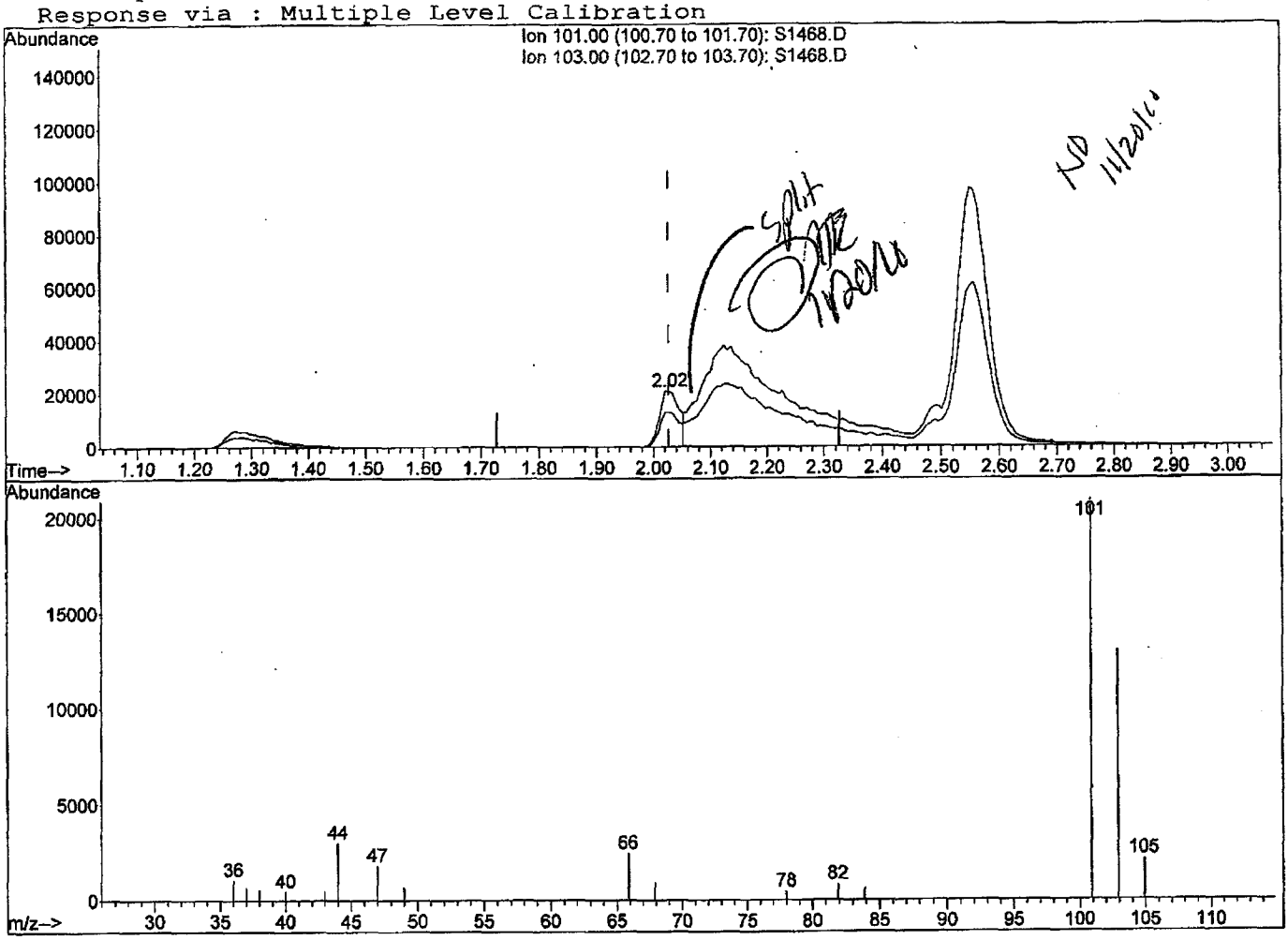
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1468.D
Acq On : 20 Nov 2010 1:24
Sample : T005292-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:58 2010

Vial: 6
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1468.D

(7) C275 Trichlorofluoromethane (T)

2.02min (-0.006) 6.59ug/L

response 49980

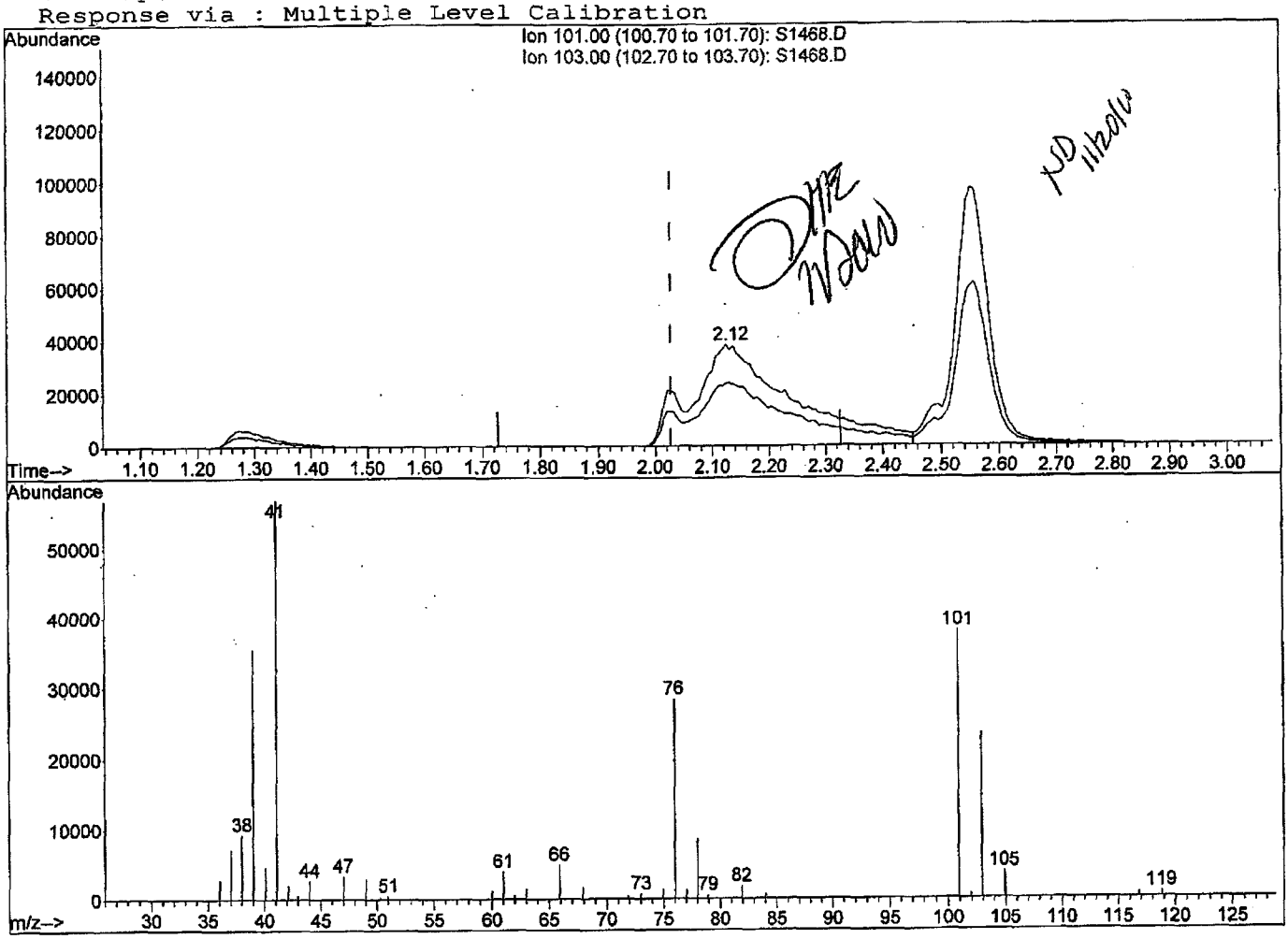
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	62.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1468.D
Acq On : 20 Nov 2010 1:24
Sample : T005292-CAL5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:24:58 2010

Vial: 6
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1468.D

(7) C275 Trichlorofluoromethane (T)

2.12min (+0.097) 60.67ug/L m

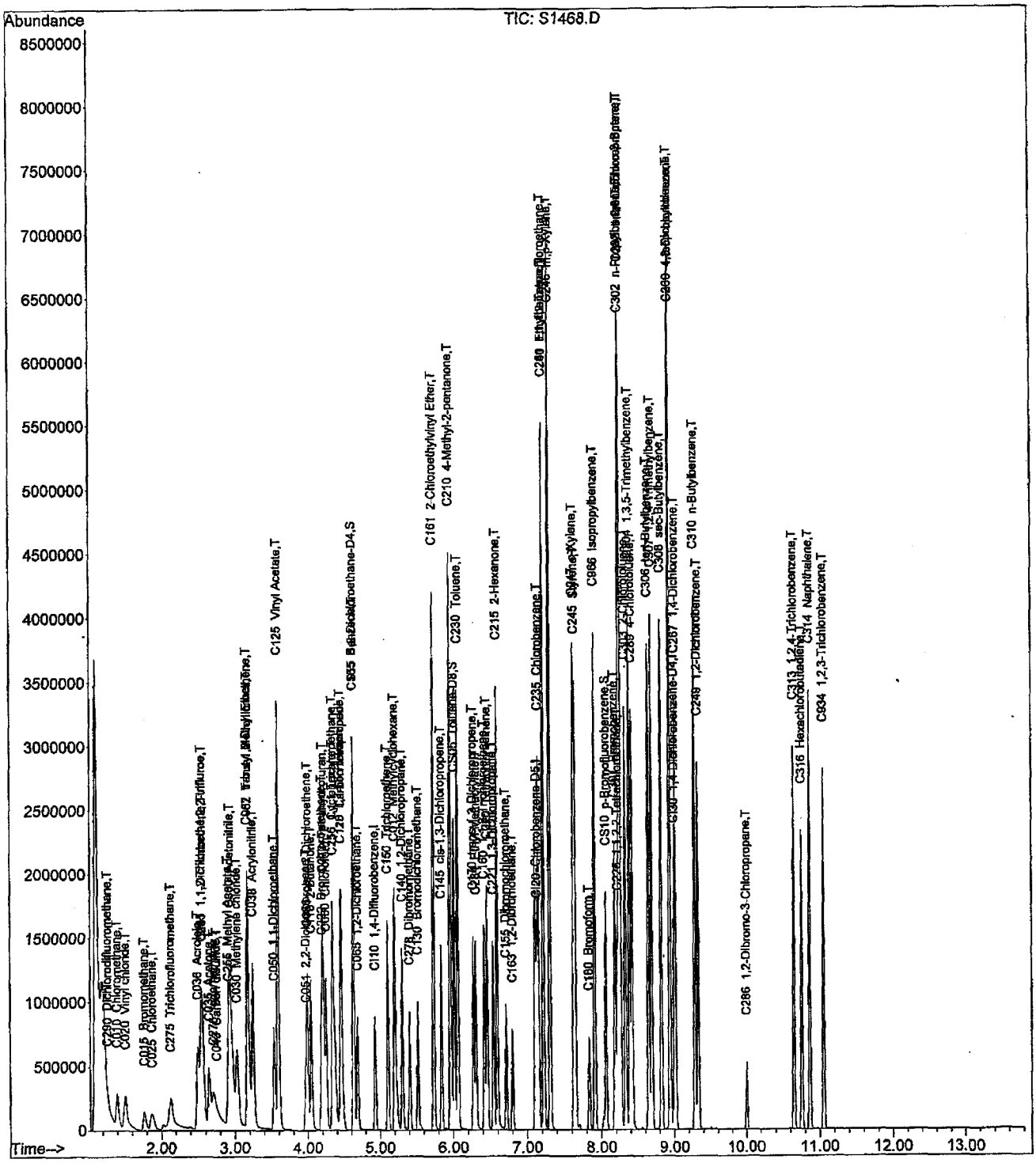
response 460317

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	61.68
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1468.D Vial: 6
Acq On : 20 Nov 2010 1:24 Operator: CDC
Sample : T005292-CAL5 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 20 09:27:20 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1469.D Vial: 7
Acq On : 20 Nov 2010 1:45 Operator: CDC
Sample : T005292-CAL6 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:28:05 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	606425	25.00	ug/L	0.00 107.39%
42) CI20	Chlorobenzene-D5	7.13	82	305536	25.00	ug/L	0.00 107.77%
62) CI30	1,4-Dichlorobenzene-	9.00	152	300581	25.00	ug/L	0.00 104.73%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.63	65	860892	81.98	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	327.92%#	
43) CS05	Toluene-D8	6.02	98	2758597	83.96	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	335.84%#	
61) CS10	p-Bromofluorobenzene	8.07	174	942679	88.37	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	353.48%#	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.28	85	704422	93.86	ug/L	# 100
3) C010	Chloromethane	1.40	50	788075	92.17	ug/L	100
4) C020	Vinyl chloride	1.51	62	742992	90.36	ug/L	87
5) C015	Bromomethane	1.77	94	227892	84.42	ug/L	87
6) C025	Chloroethane	1.88	64	411165	95.83	ug/L	89
7) C275	Trichlorofluorometha	2.13	101	876484m	111.43	ug/L	98
8) C045	1,1-Dichloroethene	2.56	96	828098	97.37	ug/L	91
9) C030	Methylene chloride	3.03	84	830257	82.09	ug/L	88
10) C040	Carbon disulfide	2.76	76	1920053	127.25	ug/L	99
11) C036	Acrolein	2.49	56	1340928	2023.24	ug/L	95
12) C038	Acrylonitrile	3.24	53	1967357	494.52	ug/L	94
13) C035	Acetone	2.65	43	1460677	469.43	ug/L	92
14) C300	Acetonitrile	2.93	41	4796030	3732.12	ug/L	97
15) C276	Iodomethane	2.71	142	876910	100.43	ug/L	99
16) C291	1,1,2-Trichloro-1,2,	2.55	101	779303	96.27	ug/L	89
17) C962	T-butyl Methyl Ether	3.17	73	2383141	108.12	ug/L	96
18) C057	trans-1,2-Dichloroet	3.17	96	813208m	95.42	ug/L	96
19) C255	Methyl Acetate	2.90	43	1009377	97.86	ug/L	91
20) C050	1,1-Dichloroethane	3.54	63	1406363	96.96	ug/L	100
21) C125	Vinyl Acetate	3.59	43	8321290	539.65	ug/L	94
22) C051	2,2-Dichloropropane	3.97	77	483467	102.74	ug/L	98
23) C056	cis-1,2-Dichloroethe	4.00	96	876439	97.84	ug/L	96
24) C272	Tetrahydrofuran	4.21	42	1580366	517.19	ug/L	84
25) C222	Bromochloromethane	4.19	128	414243	95.45	ug/L	94
26) C060	Chloroform	4.25	83	1370440	93.89	ug/L	100
27) C115	1,1,1-Trichloroethan	4.34	97	936875	104.05	ug/L	97
28) C120	Carbon tetrachloride	4.45	117	1006218	108.02	ug/L	100
29) C116	1,1-Dichloropropene	4.47	75	1114661	99.53	ug/L	97
31) C165	Benzene	4.64	78	3349354	94.43	ug/L	99
32) C065	1,2-Dichloroethane	4.69	62	1076779	94.34	ug/L	98
33) C110	2-Butanone	4.05	43	2452108	507.67	ug/L	89
34) C256	Cyclohexane	4.34	56	1457896	100.11	ug/L	97
35) C150	Trichloroethene	5.10	95	852402	96.62	ug/L	91
36) C140	1,2-Dichloropropane	5.31	63	835804	98.89	ug/L	99
37) C278	Dibromomethane	5.41	93	510604	100.02	ug/L	92
38) C130	Bromodichloromethane	5.52	83	1050980	113.29	ug/L	98
39) C161	2-Chloroethylvinyl E	5.74	63	2937528	537.79	ug/L	91

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1469.D Vial: 7
Acq On : 20 Nov 2010 1:45 Operator: CDC
Sample : T005292-CAL6 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:28:05 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\111910\S1467.D (20 Nov 2010 1:02)

Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	5.20	83	1507521	101.23	ug/L		97
41)	C145	cis-1,3-Dichloroprop	5.85	75	1326220	115.78	ug/L		99
44)	C230	Toluene	6.07	92	2158058	94.83	ug/L		93
45)	C170	trans-1,3-Dichloropr	6.27	75	1249535	119.84	ug/L		96
46)	C284	Ethyl Methacrylate	6.31	69	1285864	119.94	ug/L		86
47)	C160	1,1,2-Trichloroethan	6.42	83	663474	98.54	ug/L		99
48)	C210	4-Methyl-2-pentanone	5.96	43	4713103	512.22	ug/L		90
49)	C220	Tetrachloroethene	6.46	166	892014	93.94	ug/L		97
50)	C221	1,3-Dichloropropane	6.55	76	1377404	98.89	ug/L		99
51)	C155	Dibromochloromethane	6.72	129	828818	121.26	ug/L		99
52)	C163	1,2-Dibromoethane	6.81	107	803836	103.03	ug/L		98
53)	C215	2-Hexanone	6.60	43	3402065	524.39	ug/L		88
54)	C235	Chlorobenzene	7.15	112	2352181	95.04	ug/L		99
55)	C281	1,1,1,2-Tetrachloroe	7.23	131	780545	102.85	ug/L		99
56)	C240	Ethylbenzene	7.22	91	4082682	97.72	ug/L		98
57)	C246	m,p-Xylene	7.31	106	3215808	200.75	ug/L		93
58)	C247	o-Xylene	7.63	106	1554167	102.78	ug/L		93
59)	C245	Styrene	7.65	104	2633707	104.15	ug/L		94
60)	C180	Bromoform	7.84	173	569208	133.97	ug/L		98
63)	C966	Isopropylbenzene	7.92	105	4188225	105.93	ug/L		96
64)	C301	Bromobenzene	8.19	156	1013085	101.08	ug/L		98
65)	C225	1,1,2,2-Tetrachloroe	8.22	83	1127372	103.78	ug/L		99
66)	C282	1,2,3-Trichloropropa	8.26	110	313171	96.08	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	8.26	51	802346	514.27	ug/L	#	82
68)	C302	n-Propylbenzene	8.24	91	5186395	104.21	ug/L		93
69)	C303	2-Chlorotoluene	8.33	126	982227	100.95	ug/L		100
70)	C289	4-Chlorotoluene	8.43	126	1004111	100.98	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.39	105	3578499	104.94	ug/L		97
72)	C306	tert-Butylbenzene	8.65	134	780704	106.57	ug/L	#	90
73)	C307	1,2,4-Trimethylbenze	8.69	105	3614504	104.47	ug/L		97
74)	C308	sec-Butylbenzene	8.83	105	4611980	104.03	ug/L		96
75)	C260	1,3-Dichlorobenzene	8.94	146	1906724	93.64	ug/L		99
76)	C309	4-Isopropyltoluene	8.94	119	3800112	103.44	ug/L		98
77)	C267	1,4-Dichlorobenzene	9.02	146	2046717	94.16	ug/L		97
78)	C249	1,2-Dichlorobenzene	9.33	146	1942518	96.60	ug/L		98
79)	C310	n-Butylbenzene	9.28	91	3736886	107.01	ug/L		96
80)	C286	1,2-Dibromo-3-Chloro	10.00	75	229807	130.32	ug/L		82
81)	C313	1,2,4-Trichlorobenze	10.65	180	1498823	109.77	ug/L		97
82)	C316	Hexachlorobutadiene	10.76	225	748905	101.43	ug/L		97
83)	C314	Naphthalene	10.87	128	4327143	119.51	ug/L		98
84)	C934	1,2,3-Trichlorobenze	11.05	180	1392670	105.45	ug/L		100

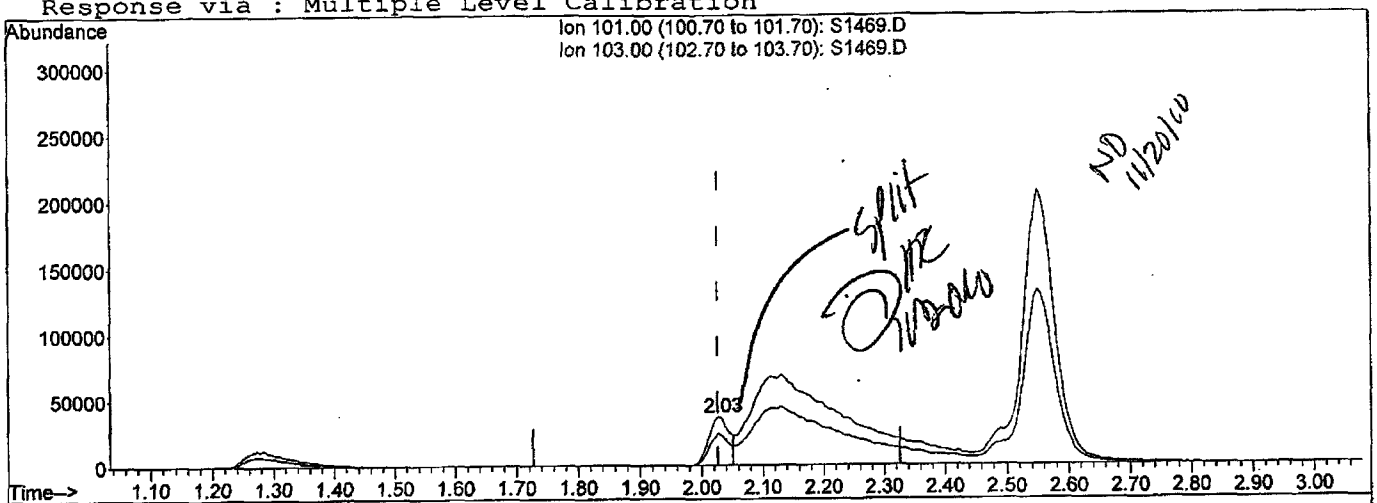
(#) = qualifier out of range (m) = manual integration (+) = signals summed

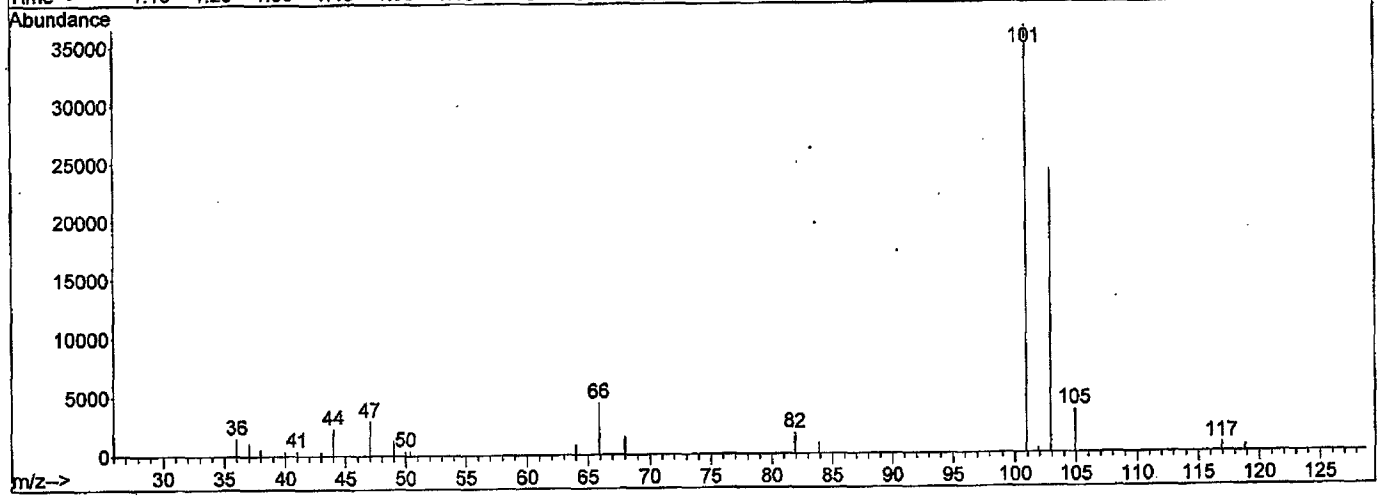
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1469.D
Acq On : 20 Nov 2010 1:45
Sample : T005292-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:25:05 2010

Vial: 7
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration





TIC: S1469.D

(7) C275 Trichlorofluoromethane (T)

2.03min (-0.000) 10.91ug/L

response 85828

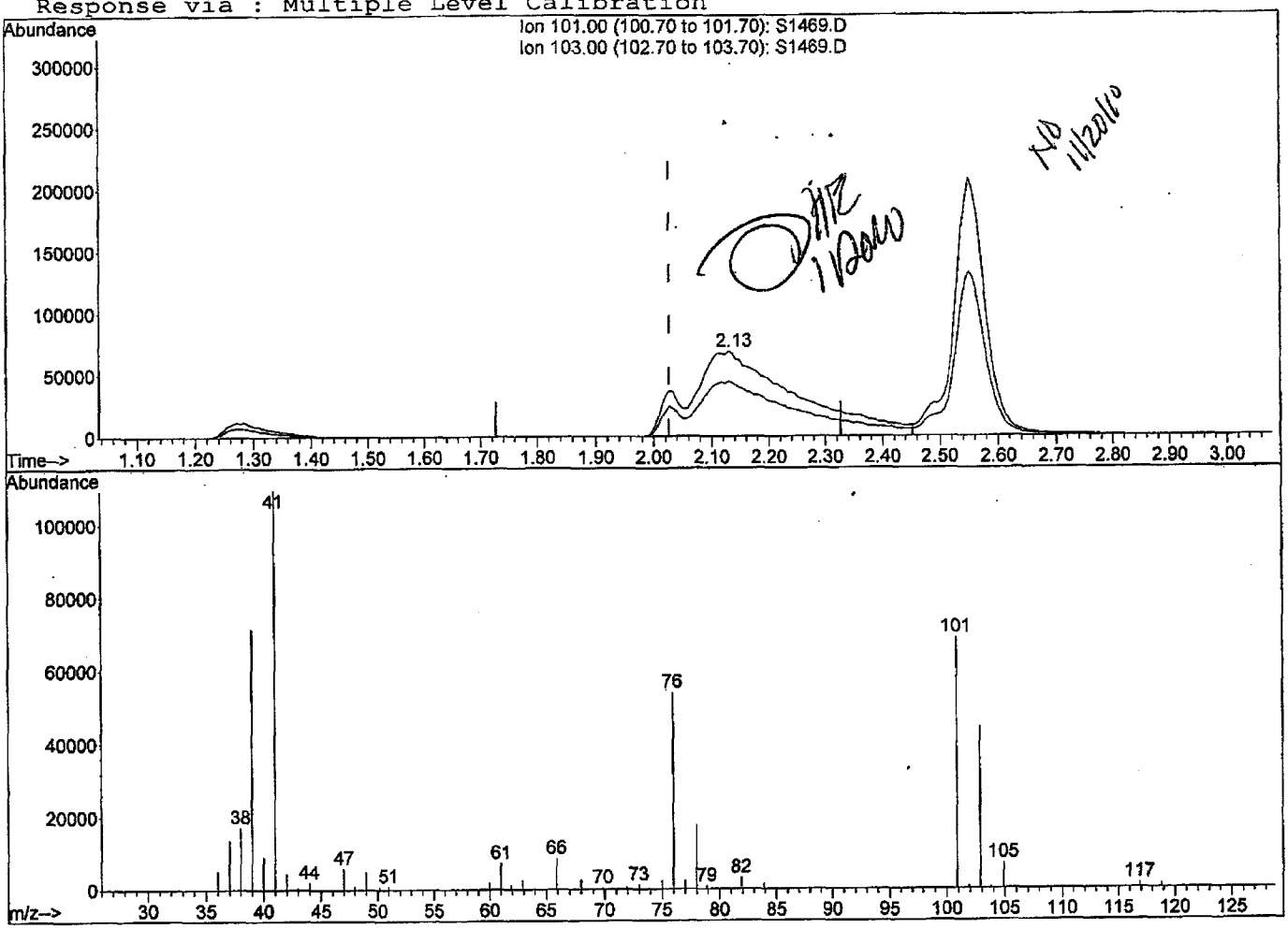
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	66.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1469.D
Acq On : 20 Nov 2010 1:45
Sample : T005292-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:25:05 2010

Vial: 7
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1469.D

(7) C275 Trichlorofluoromethane (T)

2.13min (+0.103) 111.43ug/L m

response 876484

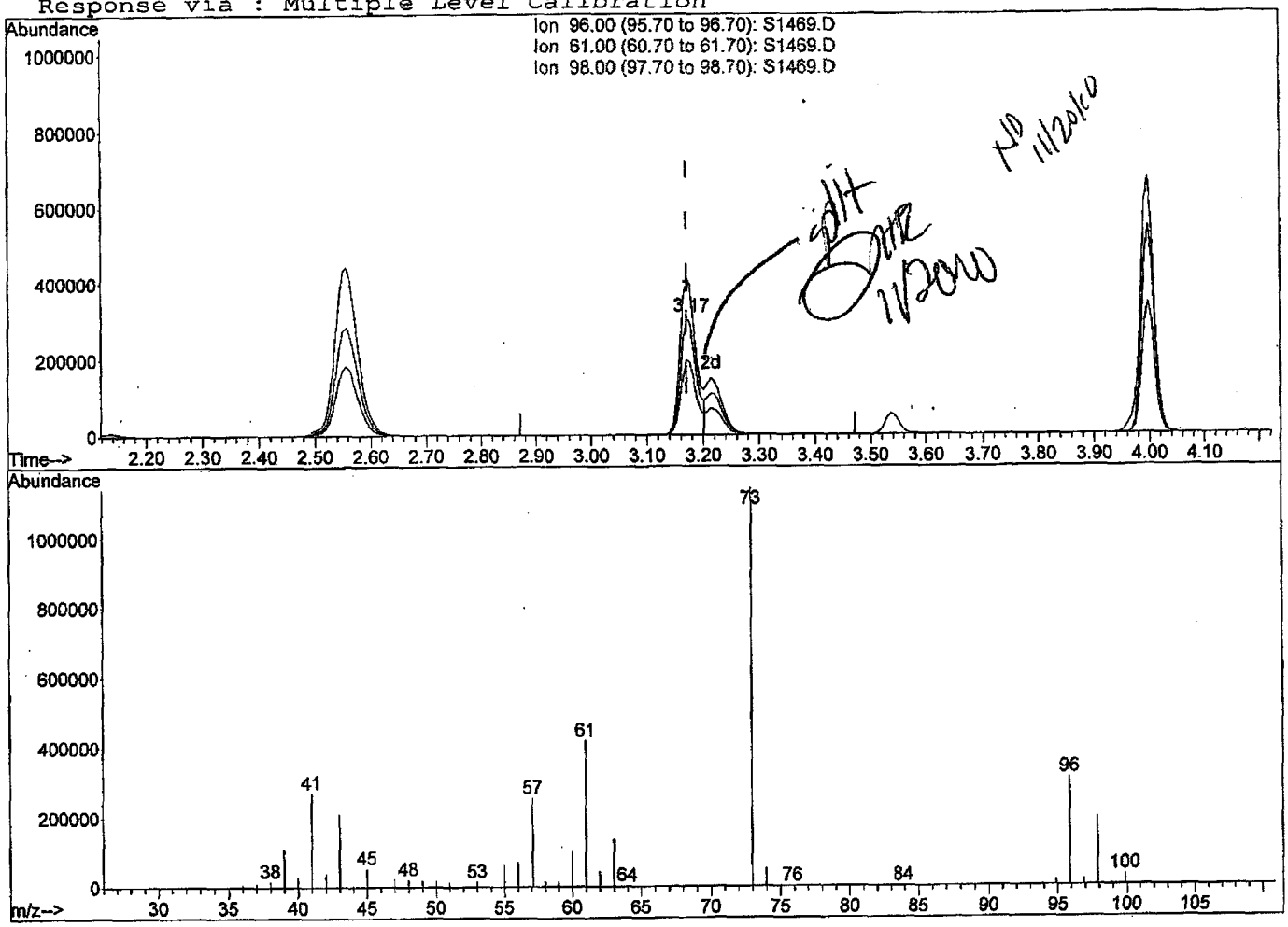
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	64.46
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1469.D
Acq On : 20 Nov 2010 1:45
Sample : T005292-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:25:05 2010

Vial: 7
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration



TIC: S1469.D

(18) C057 trans-1,2-Dichloroethene (T)

3.17min (-0.000) 69.53ug/L

response 592557

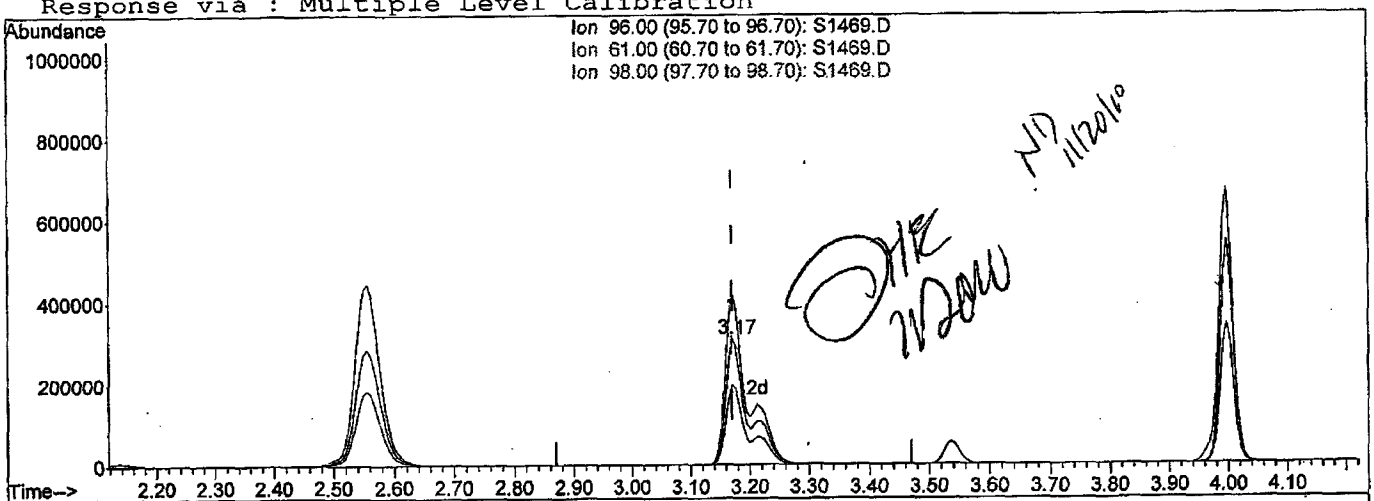
Ion	Exp%	Act%
96.00	100	100
61.00	141.50	135.19
98.00	63.00	63.15
0.00	0.00	0.00

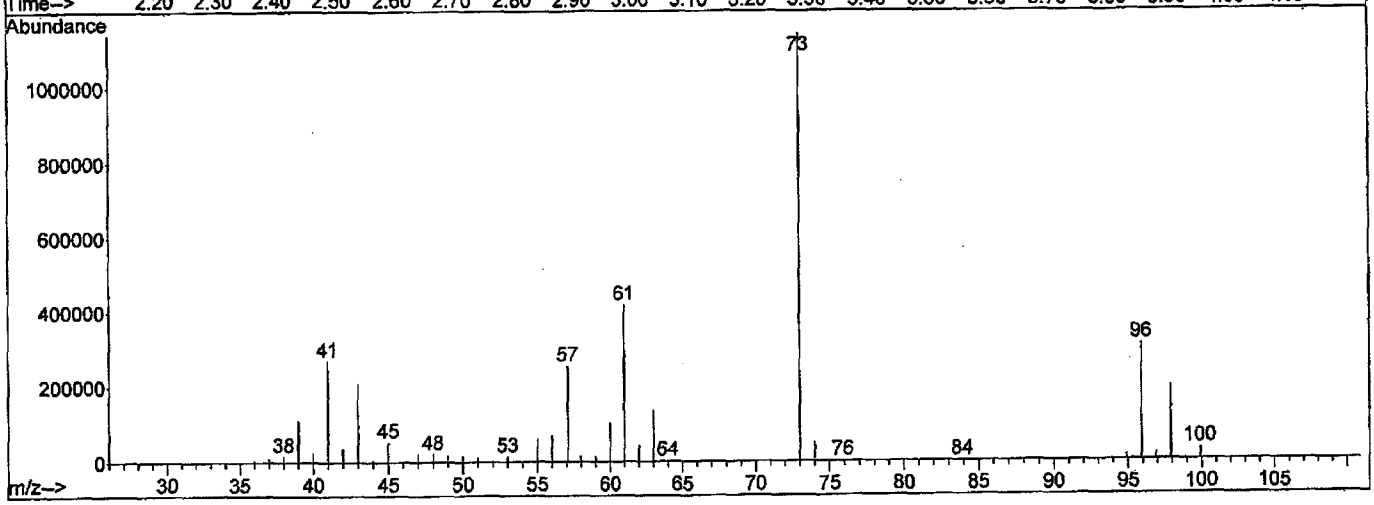
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1469.D
Acq On : 20 Nov 2010 1:45
Sample : T005292-CAL6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 09:25:05 2010

Vial: 7
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Multiple Level Calibration





TIC: S1469.D

(18) C057 trans-1,2-Dichloroethene (T)

3.17min (-0.000) 95.42ug/L m

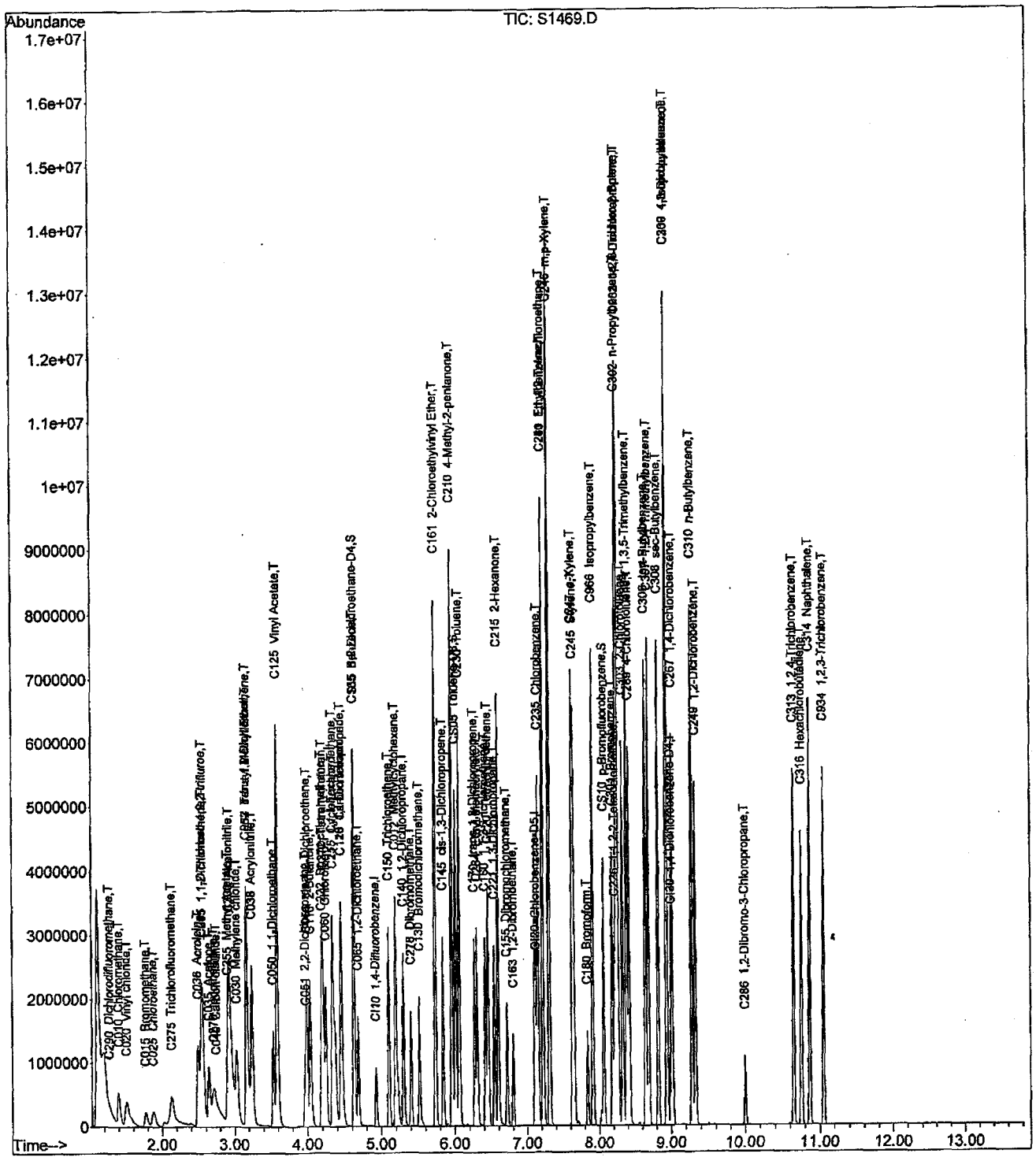
response 813208

Ion	Exp%	Act%
96.00	100	100
61.00	141.50	135.19
98.00	63.00	63.15
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1469.D Vial: 7
Acq On : 20 Nov 2010 1:45 Operator: CDC
Sample : T005292-CAL6 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 20 09:28:05 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Sat Nov 20 09:20:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Response Factor Report HP5973S

Method Path : D:\MSDCHEM\S\METHODS\82605MLADDLOW\
Method File : R10K091-ADD.M
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:55:16 2010
Response Via : Initial Calibration

R10K091-Add S

Calibration Files
1 =S1471.D 2 =S1472.D 3 =S1473.D
4 =S1474.D 5 =S1475.D 6 =S1476.D

			Compound	1	2	3	4	5	6	Avg	%RSD
1)	I	CI10	1,4-Difluoroben	ISTD							
2)	T	C297	Chlorodifluor	0.170	0.190	0.201	0.226	0.283	0.289	-----	
									LO M=	0.282	R^2=0.996
3)	T	C294	Dichlorofluor	0.343	0.314	0.350	0.381	0.404	0.409	0.367	10.28
4)	T	C271	Ethyl Ether	0.359	0.303	0.320	0.331	0.345	0.298	0.326	7.32
5)		C	2-Propanol	0.022	0.024	0.023	0.025	0.028	0.026	0.025	9.37
6)	T	C959	t-Butyl Alcoh	0.038	0.037	0.039	0.042	0.047	0.046	0.042	10.57
7)	T	C277	Allyl Chlorid	0.573	0.442	0.455	0.466	0.512	0.474	0.487	9.90
8)	T	C279	Chloroprene	0.464	0.485	0.512	0.526	0.586	0.545	0.520	8.40
9)		E678	Ethyl tert-bu	0.832	0.898	0.908	0.991	1.068	1.032	0.955	9.43
10)	T	C305	Propionitrile	0.066	0.064	0.065	0.064	0.068	0.064	0.065	2.58
11)	T	C258	Ethyl Acetate	0.346	0.333	0.340	0.356	0.390	0.380	0.358	6.38
12)	T	C266	Methacrylonit	0.226	0.222	0.229	0.237	0.249	0.238	0.233	4.26
13)	T	C264	Isopropyl eth	1.037	1.003	1.036	1.081	1.180	1.112	1.075	5.96
14)	T	C200	Isobutanol	0.017	0.018	0.020	0.021	0.023	0.023	0.020	12.59
15)		E677	2-Methoxy-2-m	0.725	0.794	0.793	0.862	0.953	0.947	0.846	10.85
16)		C252	Heptane	0.472	0.506	0.480	0.504	0.541	0.491	0.499	4.91
17)	T	C911	n-Butanol	0.011	0.013	0.014	0.015	0.017	0.016	0.014	13.96
18)	T	C293	Methyl Methac	0.248	0.277	0.274	0.293	0.330	0.322	0.290	10.64
19)		C273	Propylene Oxi	0.079	0.083	0.084	0.095	0.098	0.083	0.087	8.96
20)		C270	Epichlorohydr	0.037	0.043	0.043	0.046	0.048	0.046	0.044	8.91
21)		C251	1,1-Dimethoxy	0.005	0.010	0.015	0.024	0.034	0.041	-----	
									QO A=	0.001	R^2=0.998
									B=	0.021	
22)		C261	Hexane	0.477	0.515	0.479	0.525	0.568	0.511	0.513	6.50
23)	I	CI20	D5-Chlorobenzen	ISTD							
24)		C268	1,4 Dioxane	0.005	0.005	0.005	0.005	0.005	0.004	0.005	4.33
25)	I	CI30	D4-1,4-Dichloro	ISTD							
26)	T	C292	2-Nitropropan	0.109	0.127	0.153	0.182	0.213	0.236	-----	
									LO M=	0.226	R^2=0.996
27)		C511	2-Methylthiop	2.146	2.049	2.124	2.023	2.096	2.139	2.096	2.40
28)		C512	3-Methylthiop	2.228	2.157	2.093	2.153	2.164	2.214	2.168	2.22
29)		C969	3-Chlorobenzo	1.024	1.032	0.964	1.004	1.067	1.050	1.023	3.54
30)		C970	4-Chlorobenzo	0.980	1.019	0.943	0.974	1.031	0.995	0.990	3.22
31)		C968	2-Chlorobenzo	0.998	1.073	0.999	1.063	1.094	1.067	1.049	3.86
32)		C287	3-Chlorotolue	0.778	0.840	0.795	0.863	0.880	0.864	0.837	4.95
33)	T	C285	Cyclohexanone	0.172	0.172	0.170	0.152	0.148	0.134	0.158	9.82
34)		C799	Dicyclopentad	3.299	3.287	3.137	3.455	3.702	3.604	3.414	6.23
35)		C801	1,2,3-Trimeth	2.875	3.135	3.056	3.179	3.330	3.172	3.124	4.85
36)	T	C285	Pentachloroet	0.328	0.312	0.332	0.340	0.376	0.375	0.344	7.58
37)		C	1,3,5-Trichlorob	1.179	1.219	1.187	1.242	1.348	1.321	1.249	5.62
									Total Average %RSD		7.11

L = Linear LO = Linear+Origin Q = Quad QO = Quad+Origin R = Corr. Coef
(#) = Out of Range

R10K091-ADD.M Sat Nov 20 09:56:39 2010 HP5973

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1471.D Vial: 9
Acq On : 20 Nov 2010 2:28 Operator: CDC
Sample : T005292-CAL7 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:51:57 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	612417	25.00	ug/L		0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	524501	25.00	ug/L		0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	276426	25.00	ug/L		0.00 NA%
Target Compounds								Qvalue
2) C297	Chlorodifluoromethan	1.30	51	4163m	0.75	ug/L	#	58
3) C294	Dichlorofluoromethan	2.08	67	8402	0.94	ug/L	#	81
4) C271	Ethyl Ether	2.33	59	8785	1.10	ug/L		98
5) C 2-Propanol		2.82	45	10637	17.57	ug/L	#	95
6) C959	t-Butyl Alcohol	3.15	59	18734	18.40	ug/L		100
7) C277	Allyl Chloride	2.85	41	14027m	1.26	ug/L		92
8) C279	Chloroprene	3.58	53	11359	0.89	ug/L		97
9) E678	Ethyl tert-butyl eth	3.84	59	20388	0.87	ug/L		96
10) C305	Propionitrile	4.14	54	16132	10.13	ug/L	#	1
11) C258	Ethyl Acetate	4.07	43	8481	0.97	ug/L	#	93
12) C266	Methacrylonitrile	4.22	41	5527	0.97	ug/L	#	88
13) C264	Isopropyl ether	3.55	45	25405	0.97	ug/L		98
14) C200	Isobutanol	4.65	43	16776	33.85	ug/L		97
15) E677	2-Methoxy-2-methyl-b	4.70	73	17769	0.86	ug/L	#	75
16) C252	Heptane	4.76	43	11553	0.93	ug/L	#	86
17) C911	n-Butanol	5.14	56	11267	32.03	ug/L		93
18) C293	Methyl Methacrylate	5.38	41	6075	0.85	ug/L	#	76
19) C273	Propylene Oxide	2.41	58	9625	4.52	ug/L	#	66
20) C270	Epichlorohydrin	5.82	57	18224	16.98	ug/L		94
21) C251	1,1-Dimethoxyethane	3.63	75	581	1.11	ug/L	#	74
22) C261	Hexane	3.35	57	11692	0.93	ug/L		94
24) C268	1,4 Dioxane	5.43	88	3778	38.58	ug/L		90
26) C292	2-Nitropropane	5.73	43	6021	3.20	ug/L	#	85
27) C511	2-Methylthiopene	6.17	97	23729	1.02	ug/L	#	42
28) C512	3-Methylthiopene	6.29	97	24630	1.03	ug/L	#	96
29) C969	3-Chlorobenzotrifluo	7.12	180	11317	1.00	ug/L	#	87
30) C970	4-Chlorobenzotrifluo	7.17	180	10834	0.99	ug/L		97
31) C968	2-Chlorobenzotrifluo	7.85	180	11035	0.95	ug/L		96
32) C287	3-Chlorotoluene	8.38	126	8597	0.93	ug/L		99
33) C285	Cyclohexanone	8.07	55	18987	10.87	ug/L		91
34) C799	Dicyclopentadiene	9.00	66	36481	0.97	ug/L	#	87
35) C801	1,2,3-Trimethylbenze	9.04	105	31786	0.92	ug/L		98
36) C285	Pentachloroethane	8.69	167	3627	0.95	ug/L	#	77
37) C 1,3,5-Trichlorobenzene		10.12	180	13040	0.94	ug/L		98

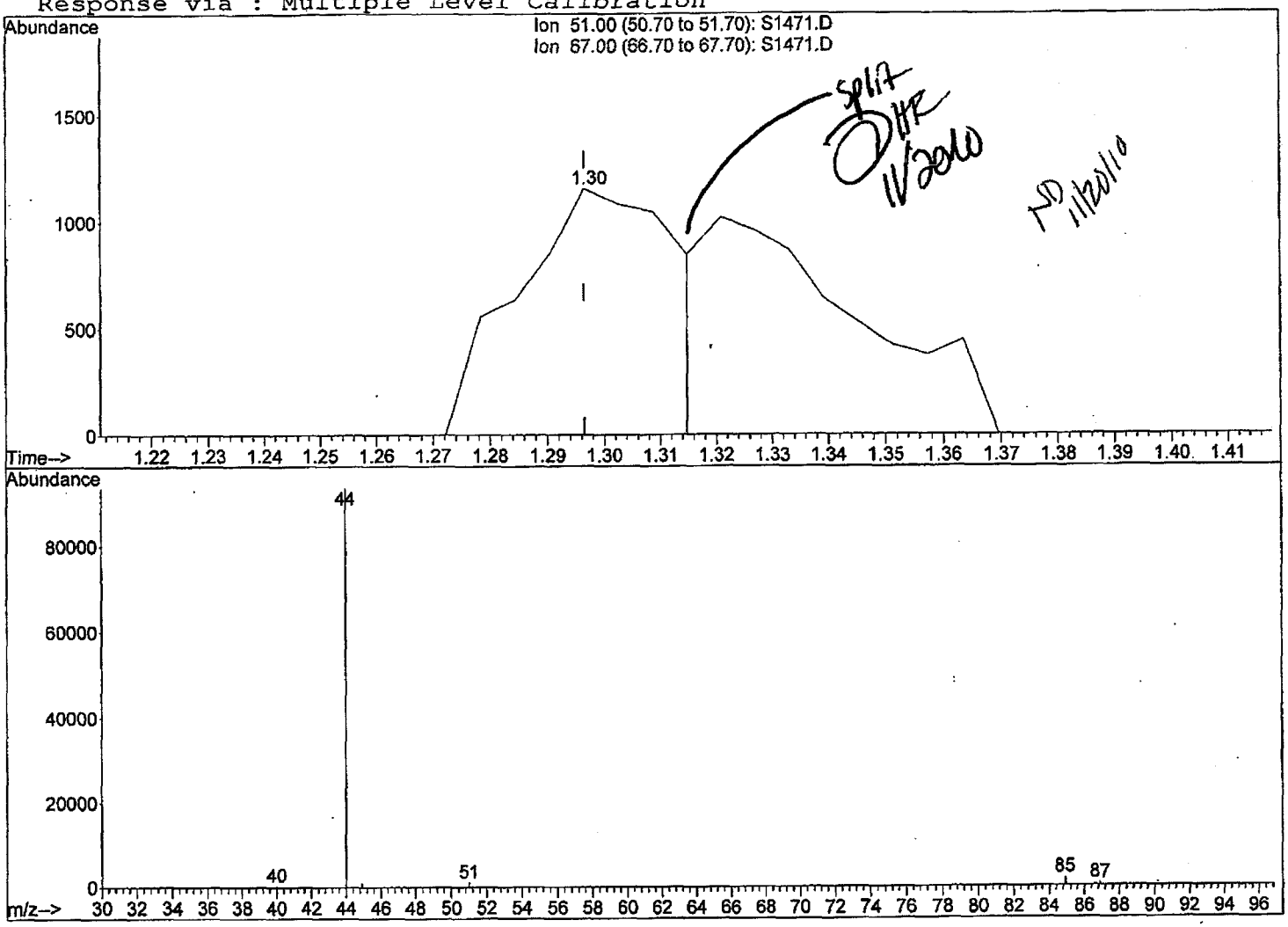
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1471.D
Acq On : 20 Nov 2010 2:28
Sample : T005292-CAL7
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:50:53 2010

Vial: 9
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration



TIC: S1471.D

(2) C297 Chlorodifluoromethane (T)

1.30min (0.000) 0.41ug/L

response 2248

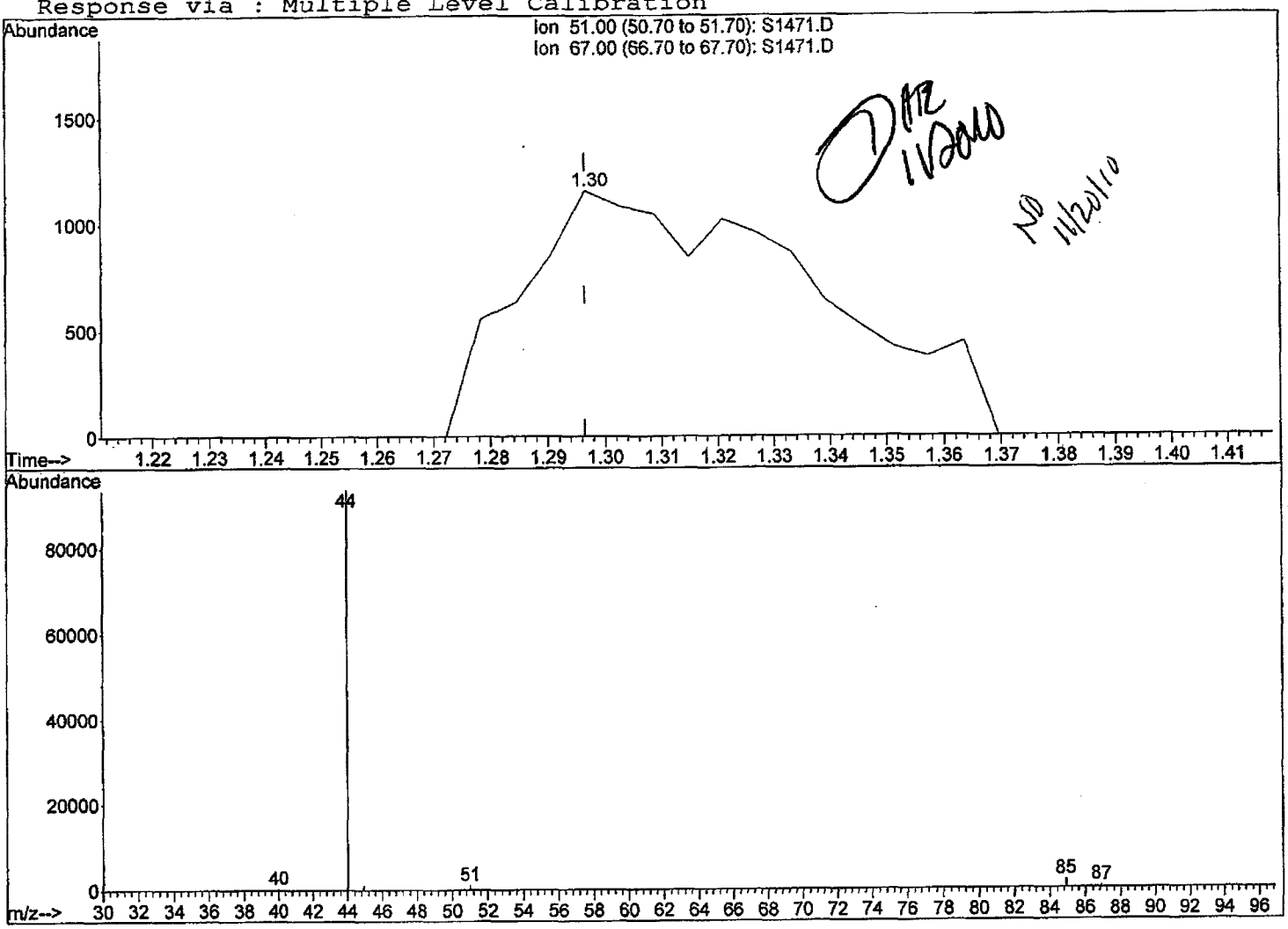
Ion	Exp%	Act%
51.00	100	100
67.00	19.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1471.D
Acq On : 20 Nov 2010 2:28
Sample : T005292-CAL7
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:50:53 2010

Vial: 9
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration



TIC: S1471.D

(2) C297 Chlorodifluoromethane (T)

1.30min (0.000) 0.75ug/L m

response 4163

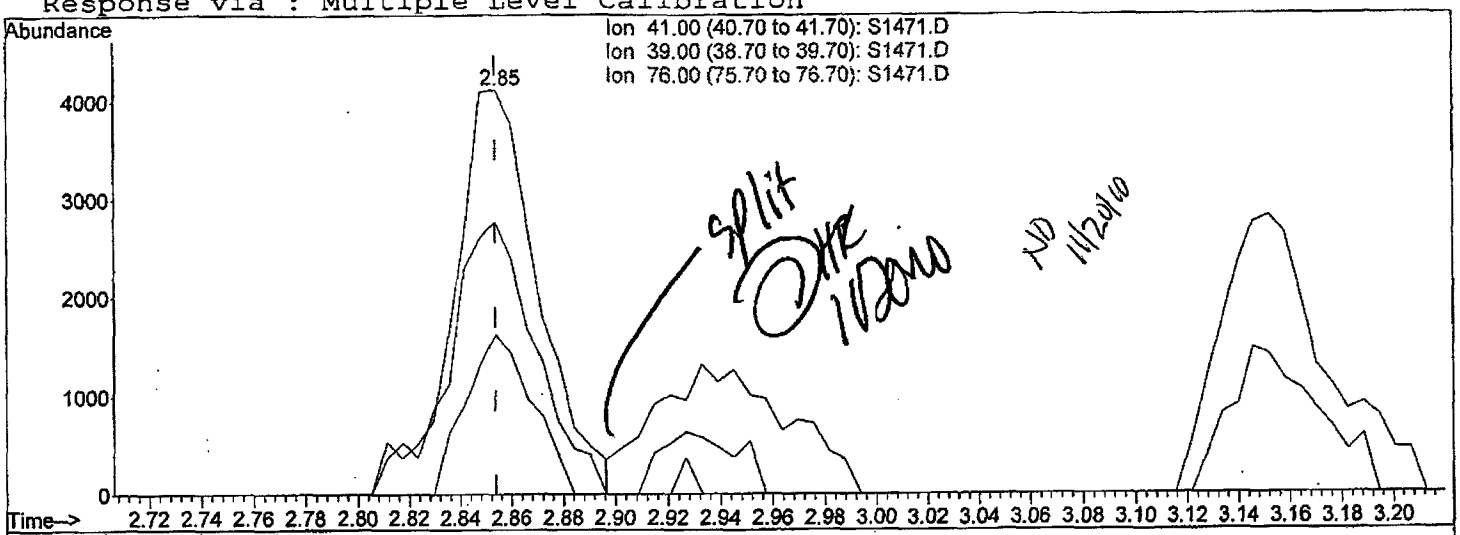
Ion	Exp%	Act%
51.00	100	100
67.00	19.20	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

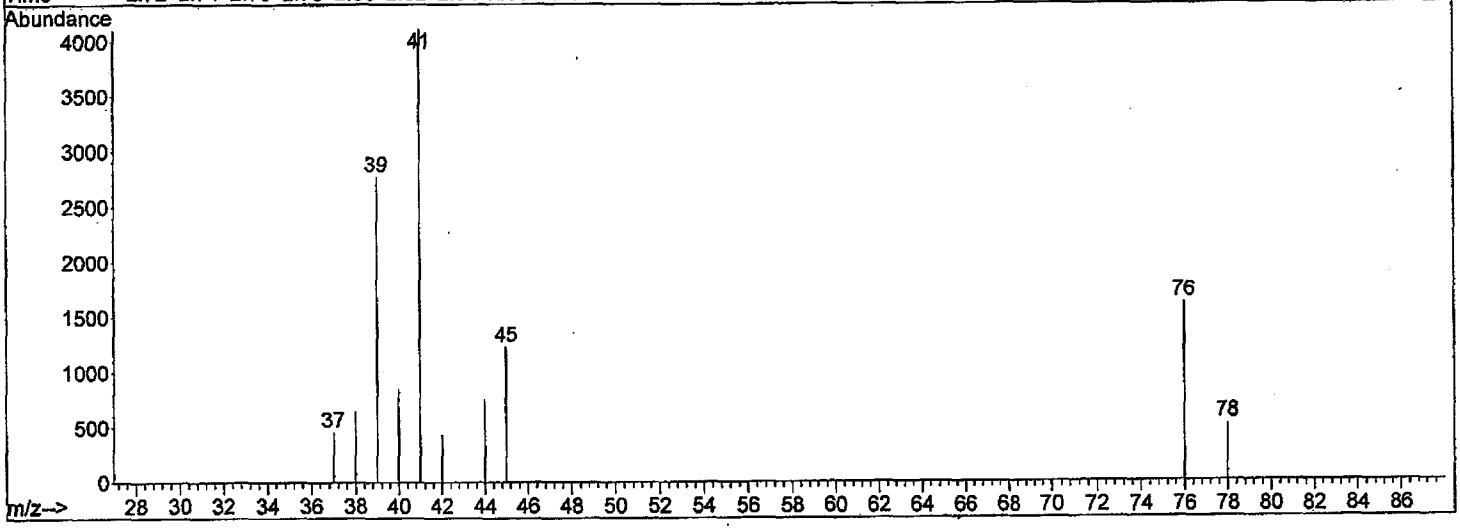
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1471.D
Acq On : 20 Nov 2010 2:28
Sample : T005292-CAL7
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:50:53 2010

Vial: 9
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1471.D

(7) C277 Allyl Chloride (T)

2.85min (0.000) 0.85ug/L

response 9445

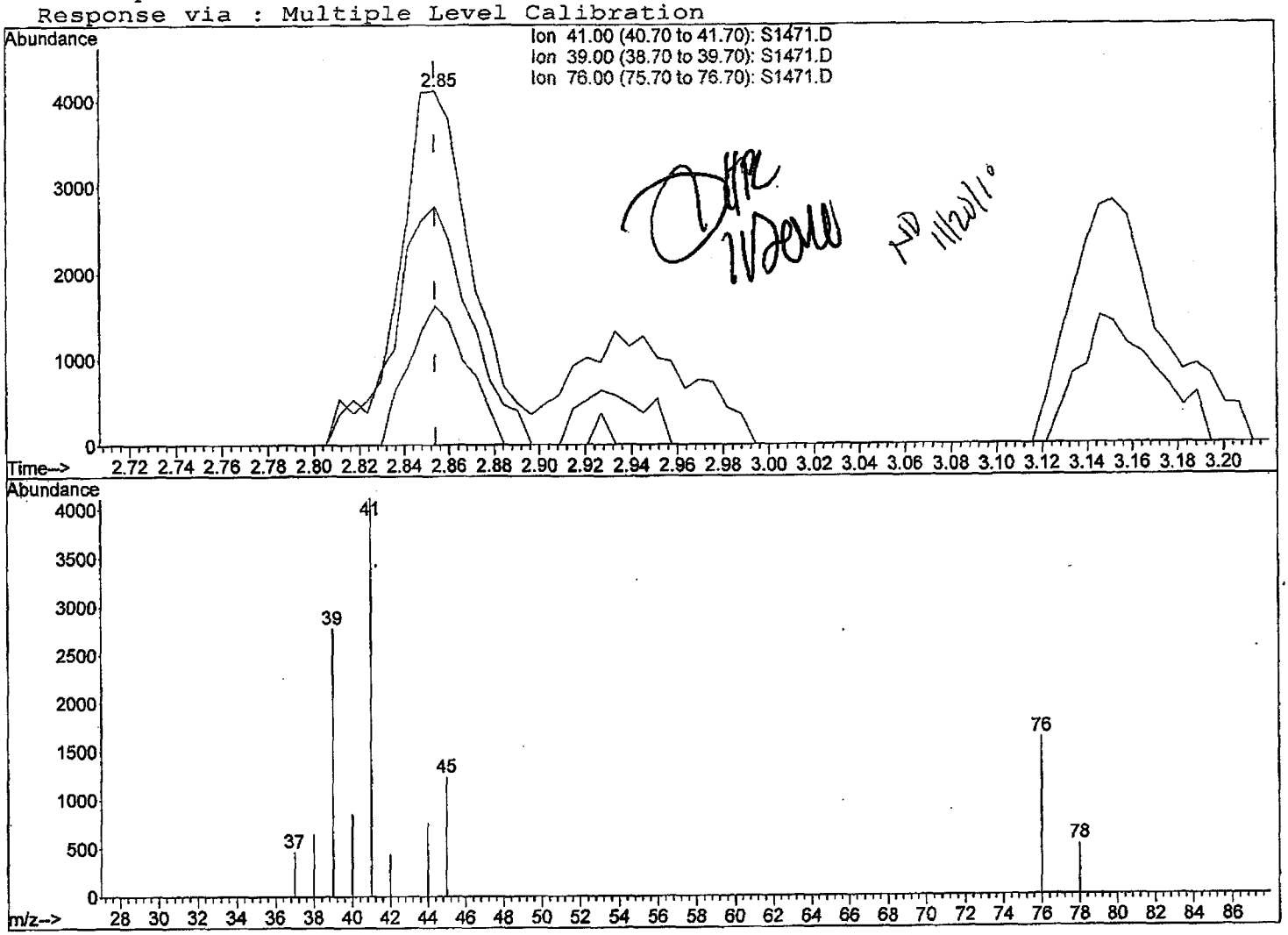
Ion	Exp%	Act%
41.00	100	100
39.00	74.70	67.40
76.00	35.10	39.48
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1471.D
Acq On : 20 Nov 2010 2:28
Sample : T005292-CAL7
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:50:53 2010

Vial: 9
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration



TIC: S1471.D

(7) C277 Allyl Chloride (T)

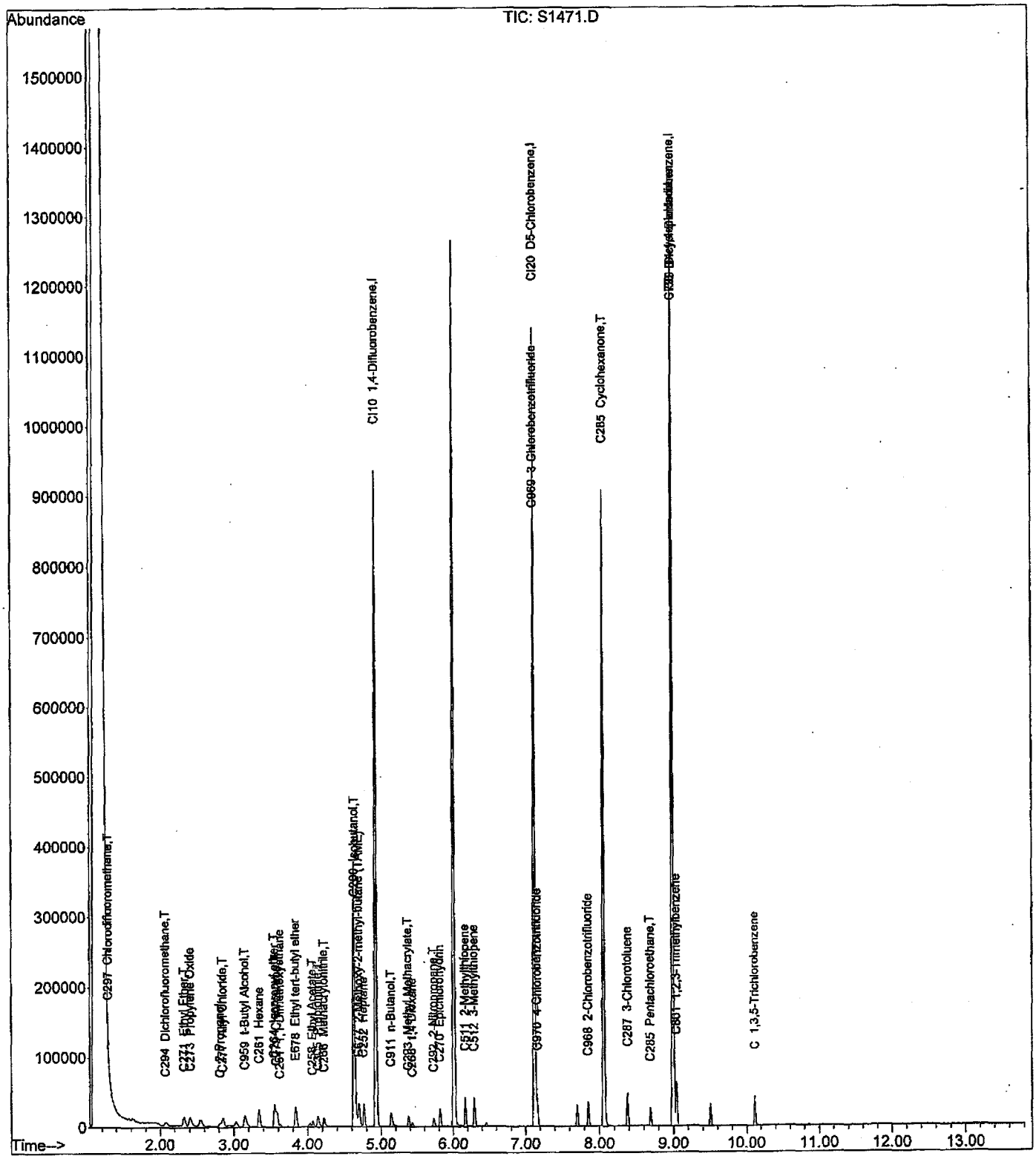
2.85min (0.000) 1.26ug/L m

response 14027

Ion	Exp%	Act%
41.00	100	100
39.00	74.70	67.40
76.00	35.10	39.48
0.00	0.00	0.00

Data File : D:\MSDCHEM\S\DATA\111910\S1471.D Vial: 9
Acq On : 20 Nov 2010 2:28 Operator: CDC
Sample : T005292-CAL7 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P

Quant Time: Nov 20 09:51:57 2010 Results File: R10K091-ADD.RES
Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1472.D Vial: 10
Acq On : 20 Nov 2010 2:50 Operator: CDC
Sample : T005292-CAL8 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:52:26 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	603614	25.00	ug/L		0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	520368	25.00	ug/L		0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	281806	25.00	ug/L		0.00 NA%
Target Compounds								Qvalue
2) C297	Chlorodifluoromethan	1.31	51	22884	4.18	ug/L	#	90
3) C294	Dichlorofluoromethan	2.09	67	37855	4.28	ug/L	#	98
4) C271	Ethyl Ether	2.32	59	36535	4.65	ug/L		95
5) C 2-Propanol		2.81	45	56978	95.49	ug/L	#	95
6) C959	t-Butyl Alcohol	3.15	59	88962	88.66	ug/L		100
7) C277	Allyl Chloride	2.85	41	53412m	4.86	ug/L		94
8) C279	Chloroprene	3.58	53	58535	4.67	ug/L		94
9) E678	Ethyl tert-butyl eth	3.84	59	108380	4.70	ug/L		96
10) C305	Propionitrile	4.14	54	76908	49.01	ug/L	#	1
11) C258	Ethyl Acetate	4.07	43	40153	4.65	ug/L		98
12) C266	Methacrylonitrile	4.22	41	26855	4.76	ug/L		93
13) C264	Isopropyl ether	3.55	45	121047	4.67	ug/L		97
14) C200	Isobutanol	4.65	43	86126	176.31	ug/L	#	98
15) E677	2-Methoxy-2-methyl-b	4.70	73	95851	4.69	ug/L	#	90
16) C252	Heptane	4.77	43	61126	5.00	ug/L	#	87
17) C911	n-Butanol	5.14	56	61999	178.83	ug/L		94
18) C293	Methyl Methacrylate	5.38	41	33423	4.77	ug/L	#	80
19) C273	Propylene Oxide	2.41	58	49881	23.74	ug/L	#	73
20) C270	Epichlorohydrin	5.82	57	102653	97.06	ug/L		95
21) C251	1,1-Dimethoxyethane	3.63	75	6317	12.22	ug/L	#	72
22) C261	Hexane	3.34	57	62204	5.03	ug/L		93
24) C268	1,4 Dioxane	5.43	88	19167	197.29	ug/L		88
26) C292	2-Nitropropane	5.73	43	35885	18.73	ug/L	#	89
27) C511	2-Methylthiopene	6.17	97	115464	4.89	ug/L	#	96
28) C512	3-Methylthiopene	6.29	97	121597	4.97	ug/L	#	97
29) C969	3-Chlorobenzotrifluo	7.12	180	58150	5.04	ug/L	#	88
30) C970	4-Chlorobenzotrifluo	7.17	180	57414	5.14	ug/L		97
31) C968	2-Chlorobenzotrifluo	7.85	180	60477	5.11	ug/L		97
32) C287	3-Chlorotoluene	8.38	126	47321	5.02	ug/L		99
33) C285	Cyclohexanone	8.06	55	96690	54.28	ug/L		92
34) C799	Dicyclopentadiene	9.00	66	185252	4.81	ug/L		98
35) C801	1,2,3-Trimethylbenze	9.04	105	176672	5.02	ug/L		98
36) C285	Pentachloroethane	8.69	167	17607	4.54	ug/L	#	81
37) C 1,3,5-Trichlorobenzene		10.12	180	68732	4.88	ug/L		97

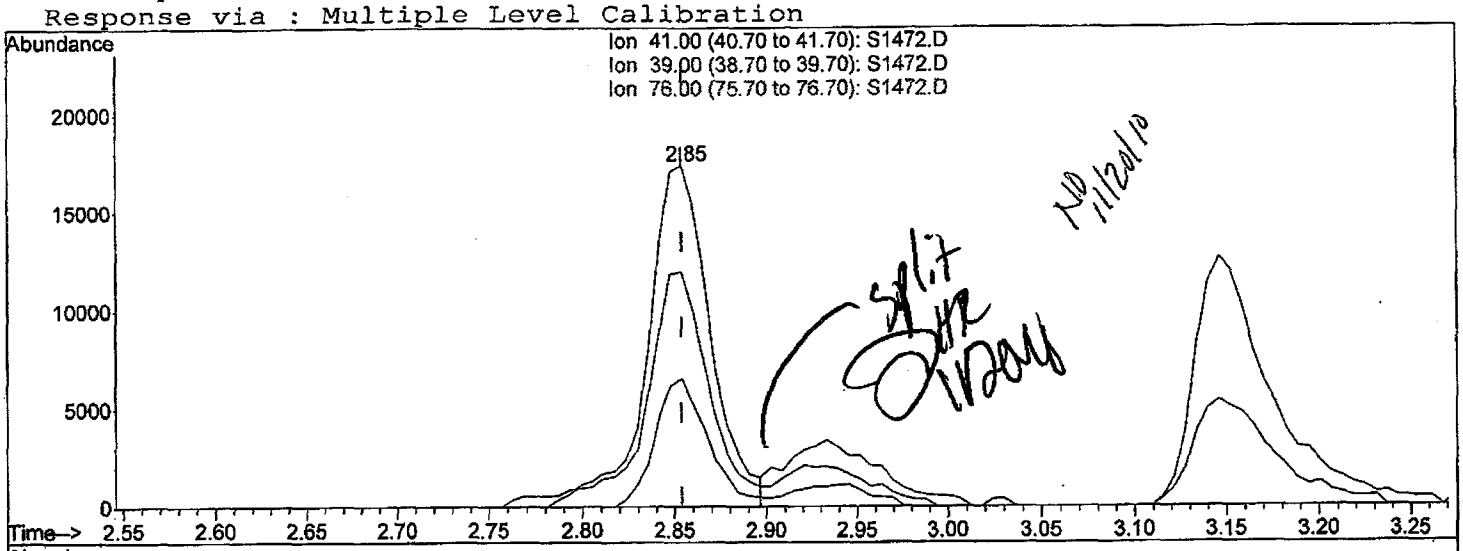
(#) = qualifier out of range (m) = manual integration (+) = signals summed

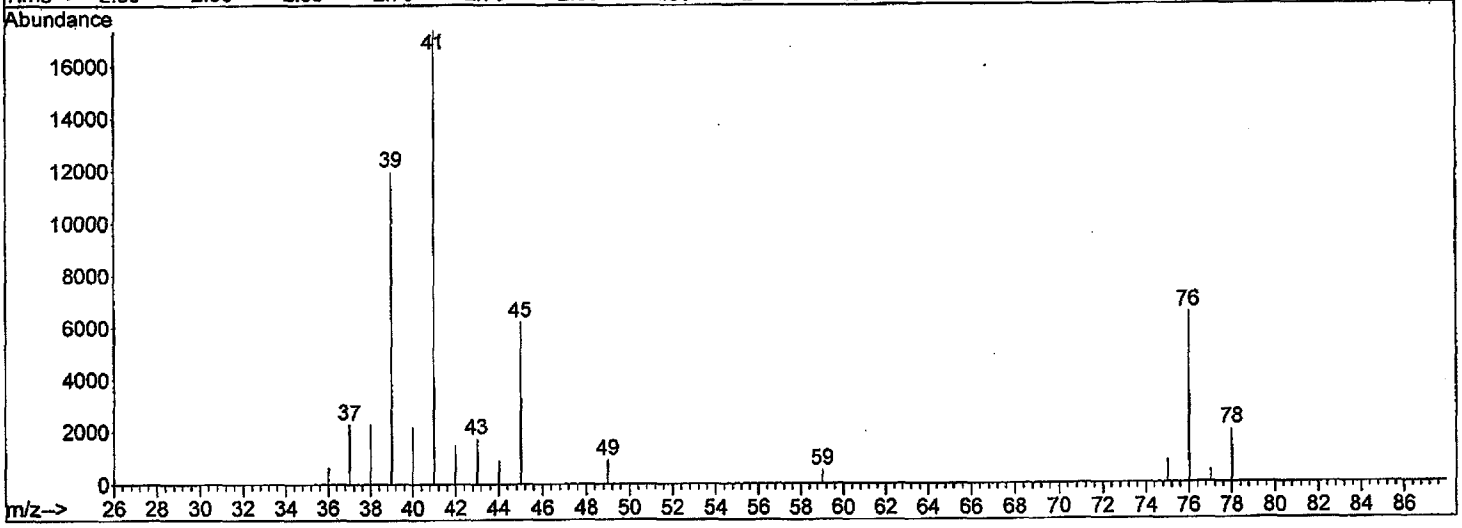
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1472.D
Acq On : 20 Nov 2010 2:50
Sample : T005292-CAL8
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:50:58 2010

Vial: 10
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1472.D

(7) C277 Allyl Chloride (T)

2.85min (+0.000) 3.76ug/L

response 41317

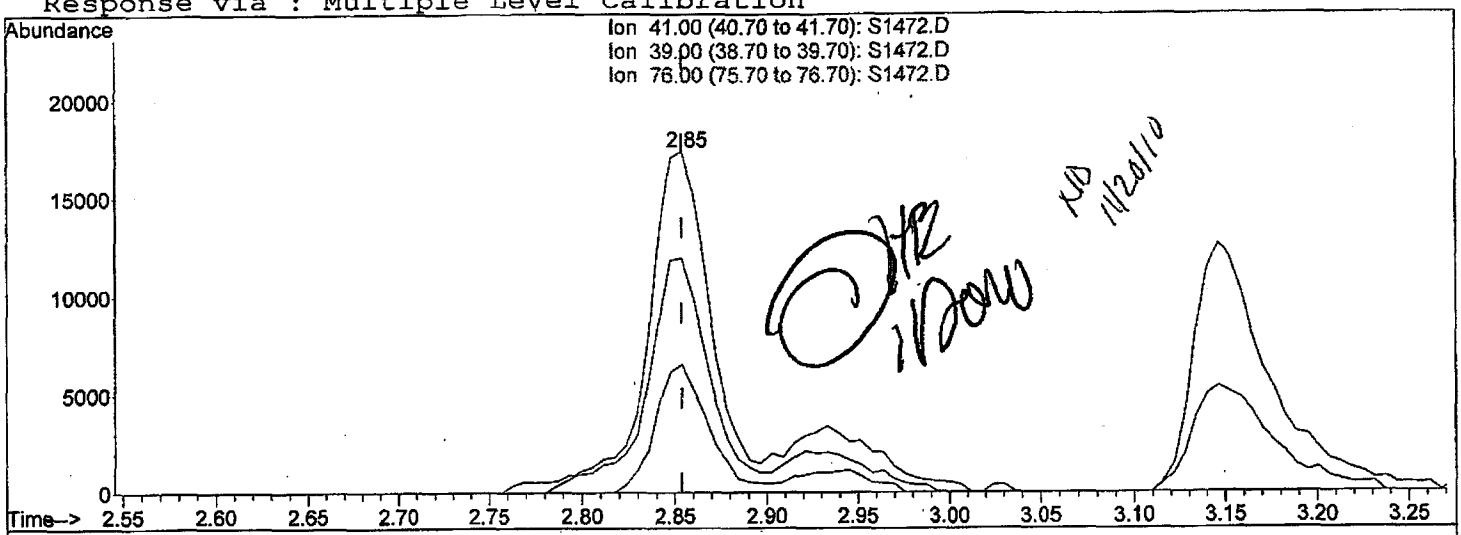
Ion	Exp%	Act%
41.00	100	100
39.00	74.70	68.79
76.00	35.10	37.64
0.00	0.00	0.00

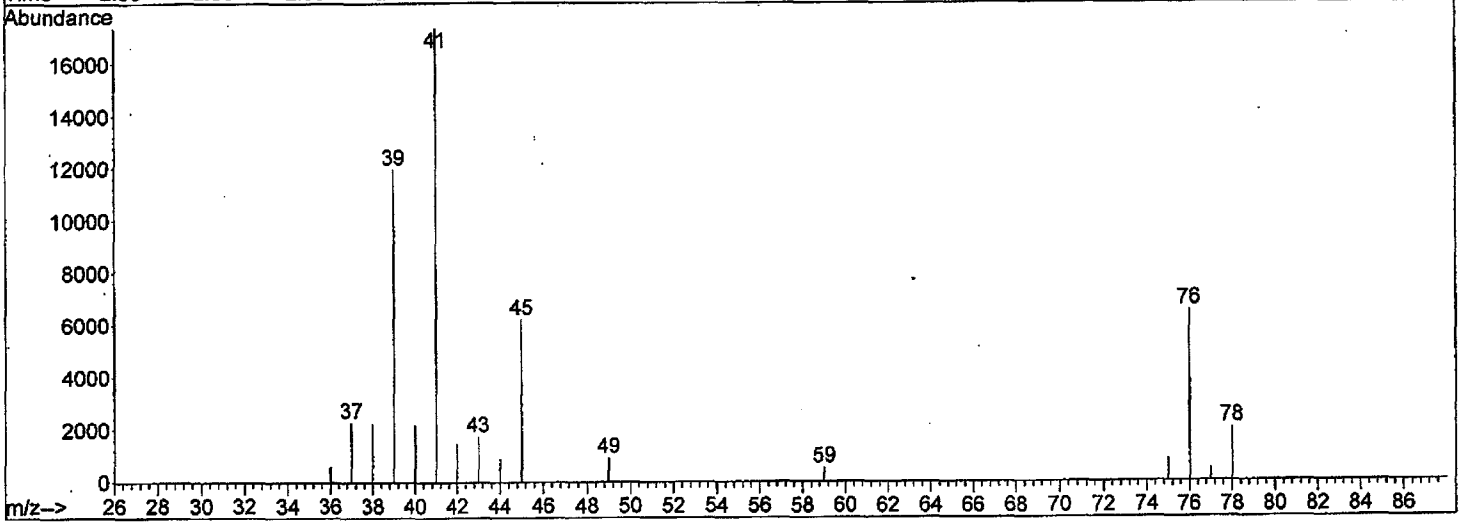
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1472.D
Acq On : 20 Nov 2010 2:50
Sample : T005292-CAL8
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:50:58 2010

Vial: 10
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1472.D

(7) C277 Allyl Chloride (T)

2.85min (+0.000) 4.86ug/L m

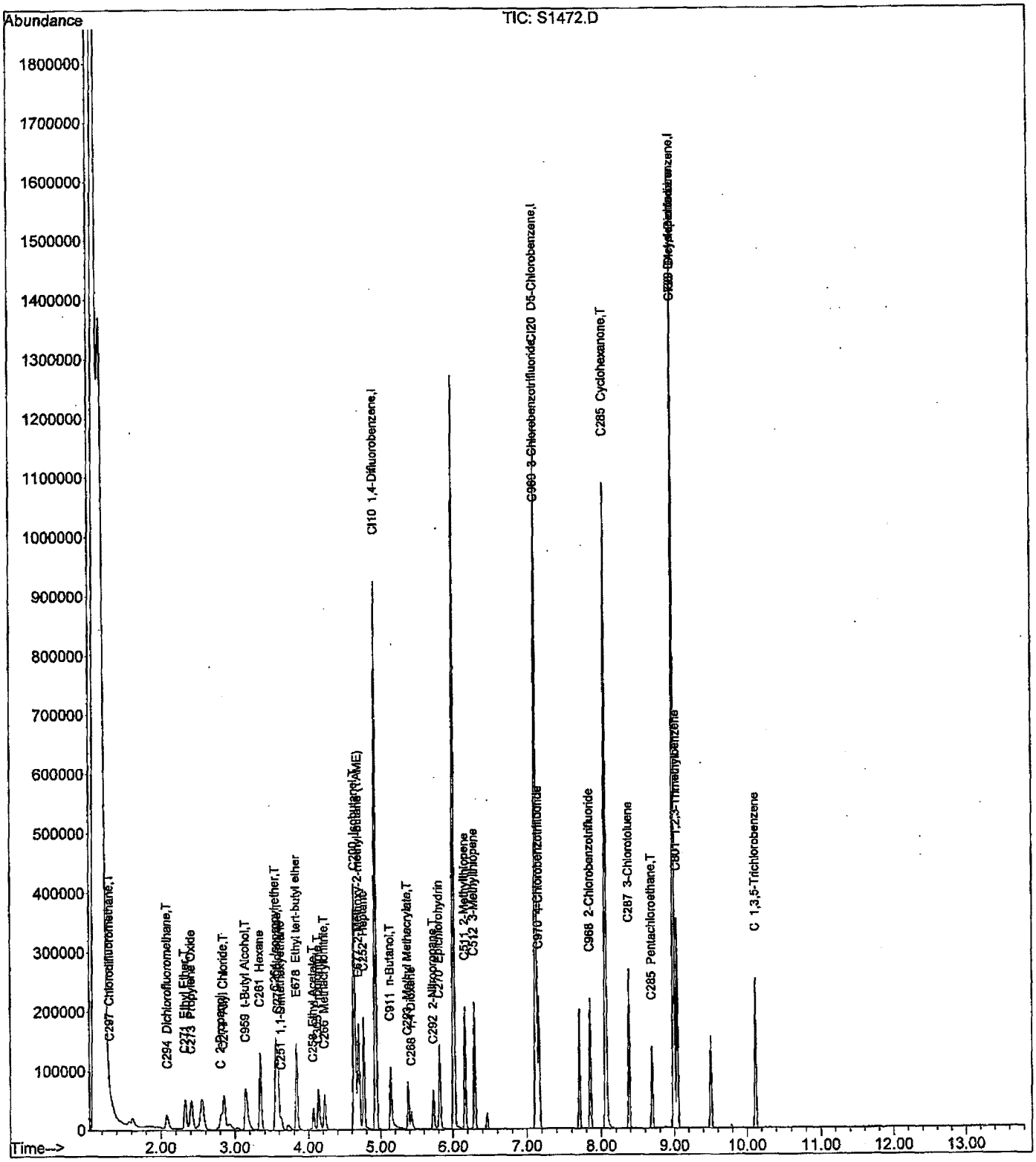
response 53412

Ion	Exp%	Act%
41.00	100	100
39.00	74.70	68.79
76.00	35.10	37.64
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1472.D Vial: 10
Acq On : 20 Nov 2010 2:50 Operator: CDC
Sample : T005292-CAL8 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P

Quant Time: Nov 20 09:52:26 2010 Results File: R10K091-ADD.RES
Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1473.D Vial: 11
Acq On : 20 Nov 2010 3:11 Operator: CDC
Sample : T005292-CAL9 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:52:46 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	600294	25.00	ug/L		0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	508918	25.00	ug/L		0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	282007	25.00	ug/L		0.00 NA%
Target Compounds								Qvalue
2) C297	Chlorodifluoromethan	1.30	51	48383	8.89	ug/L		92
3) C294	Dichlorofluoromethan	2.08	67	83941	9.53	ug/L	#	98
4) C271	Ethyl Ether	2.32	59	76782	9.82	ug/L		94
5) C 2-Propanol		2.82	45	109404	184.37	ug/L	#	96
6) C959	t-Butyl Alcohol	3.15	59	186542	186.94	ug/L		100
7) C277	Allyl Chloride	2.85	41	109181m	9.98	ug/L		91
8) C279	Chloroprene	3.58	53	123000	9.86	ug/L		95
9) E678	Ethyl tert-butyl eth	3.83	59	217967	9.51	ug/L		95
10) C305	Propionitrile	4.14	54	155010	99.33	ug/L	#	1
11) C258	Ethyl Acetate	4.07	43	81737	9.52	ug/L	#	93
12) C266	Methacrylonitrile	4.22	41	54901	9.79	ug/L		94
13) C264	Isopropyl ether	3.55	45	248732	9.64	ug/L		97
14) C200	Isobutanol	4.65	43	187883	386.75	ug/L	#	99
15) E677	2-Methoxy-2-methyl-b	4.70	73	190337	9.37	ug/L	#	92
16) C252	Heptane	4.76	43	115336	9.48	ug/L	#	90
17) C911	n-Butanol	5.14	56	133607	387.52	ug/L		95
18) C293	Methyl Methacrylate	5.38	41	65689	9.42	ug/L	#	83
19) C273	Propylene Oxide	2.41	58	100983	48.33	ug/L	#	74
20) C270	Epichlorohydrin	5.82	57	206121	195.96	ug/L		95
21) C251	1,1-Dimethoxyethane	3.63	75	17474	33.98	ug/L	#	64
22) C261	Hexane	3.34	57	115065	9.35	ug/L		94
24) C268	1,4 Dioxane	5.42	88	39733	418.18	ug/L		87
26) C292	2-Nitropropane	5.73	43	86111	44.90	ug/L	#	93
27) C511	2-Methylthiopene	6.17	97	239618	10.13	ug/L	#	96
28) C512	3-Methylthiopene	6.29	97	236137	9.65	ug/L	#	97
29) C969	3-Chlorobenzotrifluo	7.12	180	108736	9.42	ug/L		89
30) C970	4-Chlorobenzotrifluo	7.17	180	106369	9.52	ug/L		97
31) C968	2-Chlorobenzotrifluo	7.85	180	112746	9.53	ug/L		96
32) C287	3-Chlorotoluene	8.38	126	89664	9.50	ug/L		98
33) C285	Cyclohexanone	8.06	55	191890	107.64	ug/L		94
34) C799	Dicyclopentadiene	9.00	66	353891	9.19	ug/L		98
35) C801	1,2,3-Trimethylbenze	9.04	105	344712	9.78	ug/L		98
36) C285	Pentachloroethane	8.70	167	37399	9.65	ug/L	#	84
37) C 1,3,5-Trichlorobenzene		10.12	180	133872	9.50	ug/L		99

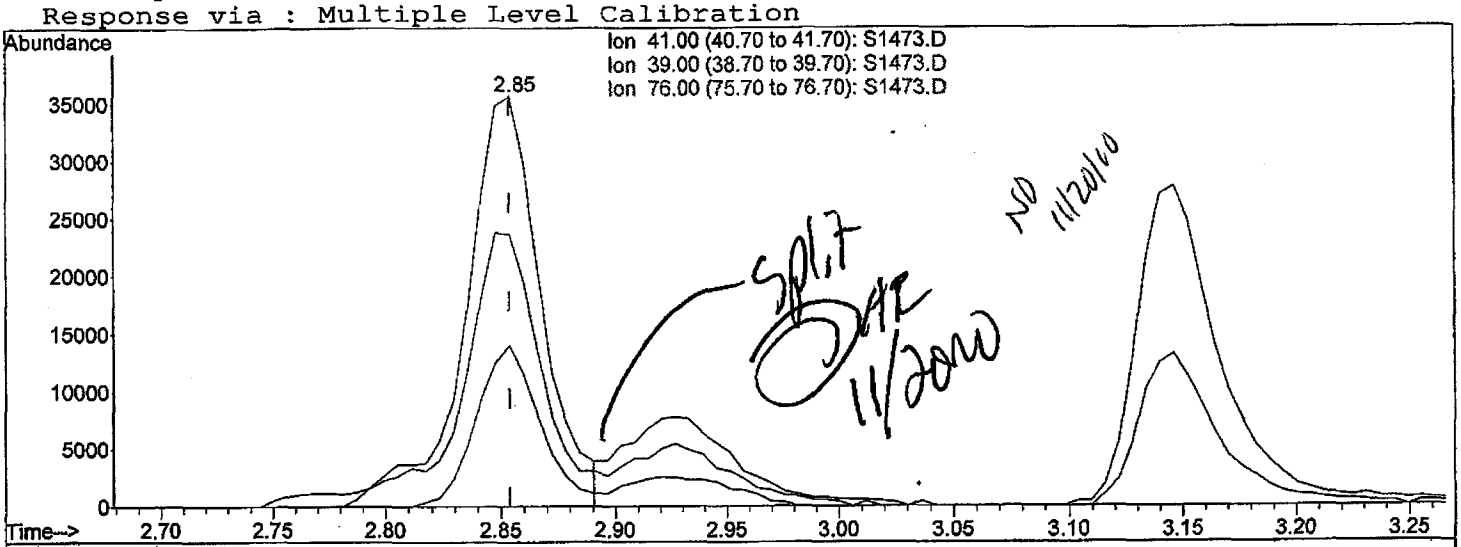
(#) = qualifier out of range (m) = manual integration (+) = signals summed

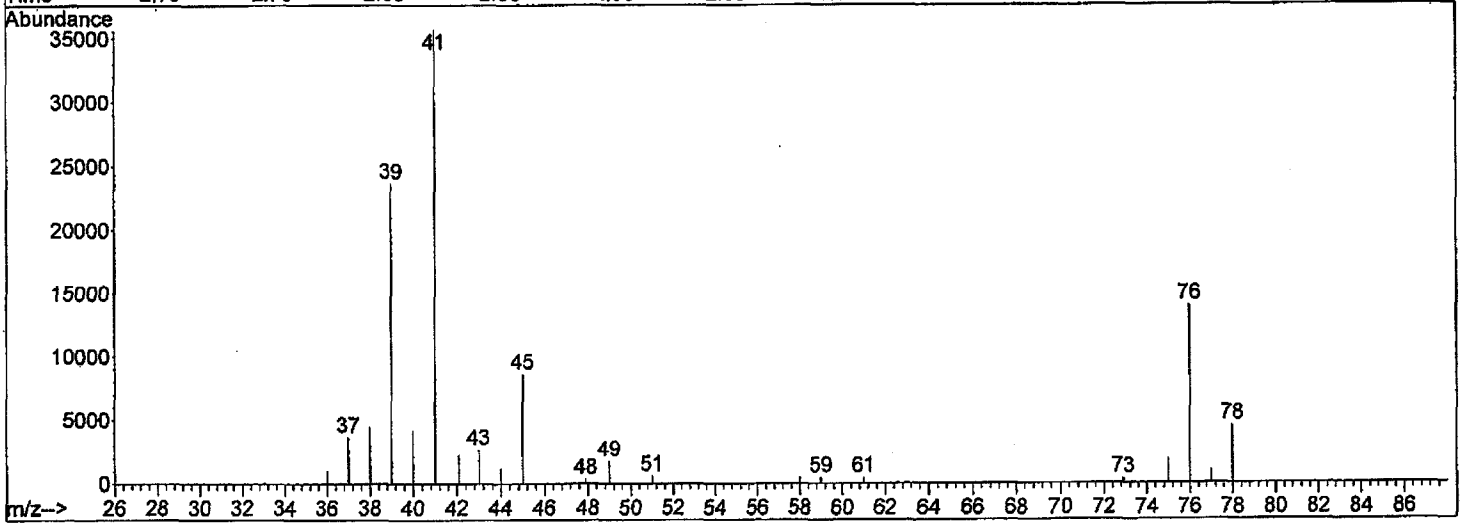
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1473.D
Acq On : 20 Nov 2010 3:11
Sample : T005292-CAL9
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:51:02 2010

Vial: 11
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1473.D

(7) C277 Allyl Chloride (T)

2.85min (+0.000) 7.46ug/L

response 81594

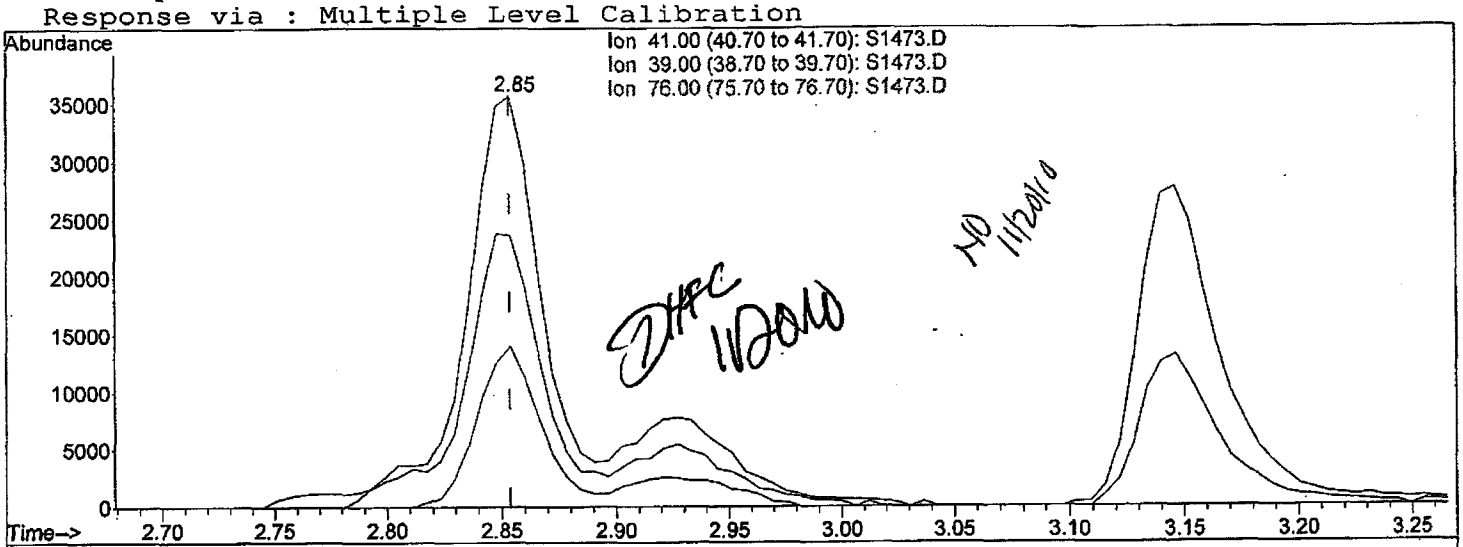
Ion	Exp%	Act%
41.00	100	100
39.00	74.70	66.36
76.00	35.10	39.34
0.00	0.00	0.00

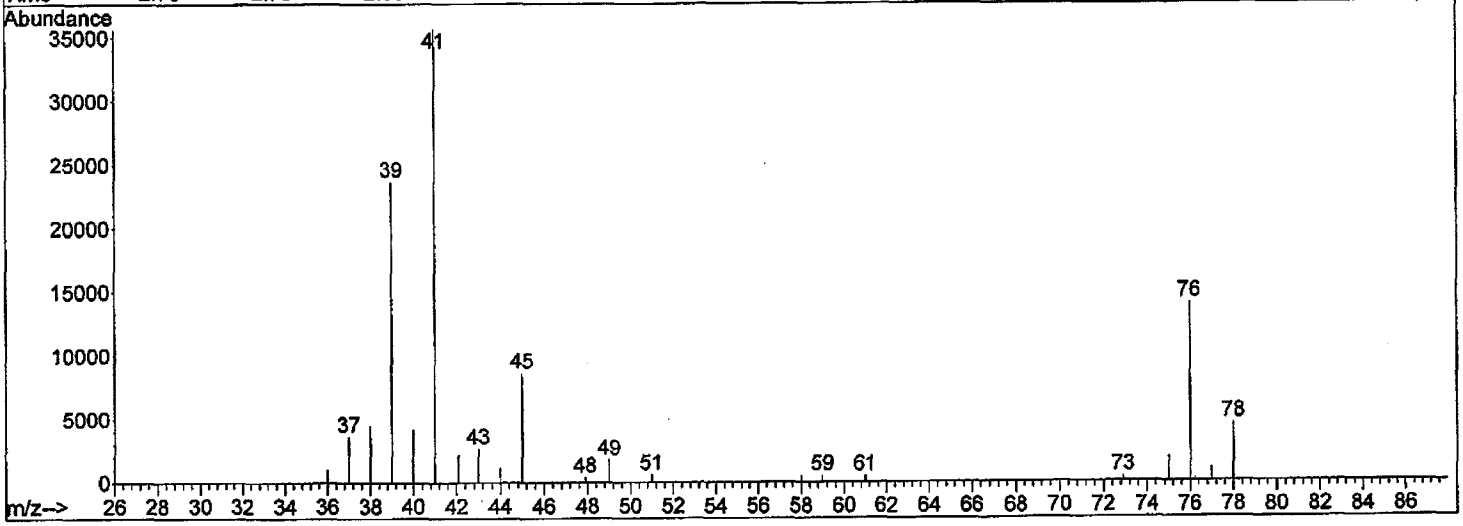
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1473.D
Acq On : 20 Nov 2010 3:11
Sample : T005292-CAL9
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:51:02 2010

Vial: 11
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1473.D

(7) C277 Allyl Chloride (T)

2.85min (+0.000) 9.98ug/L m

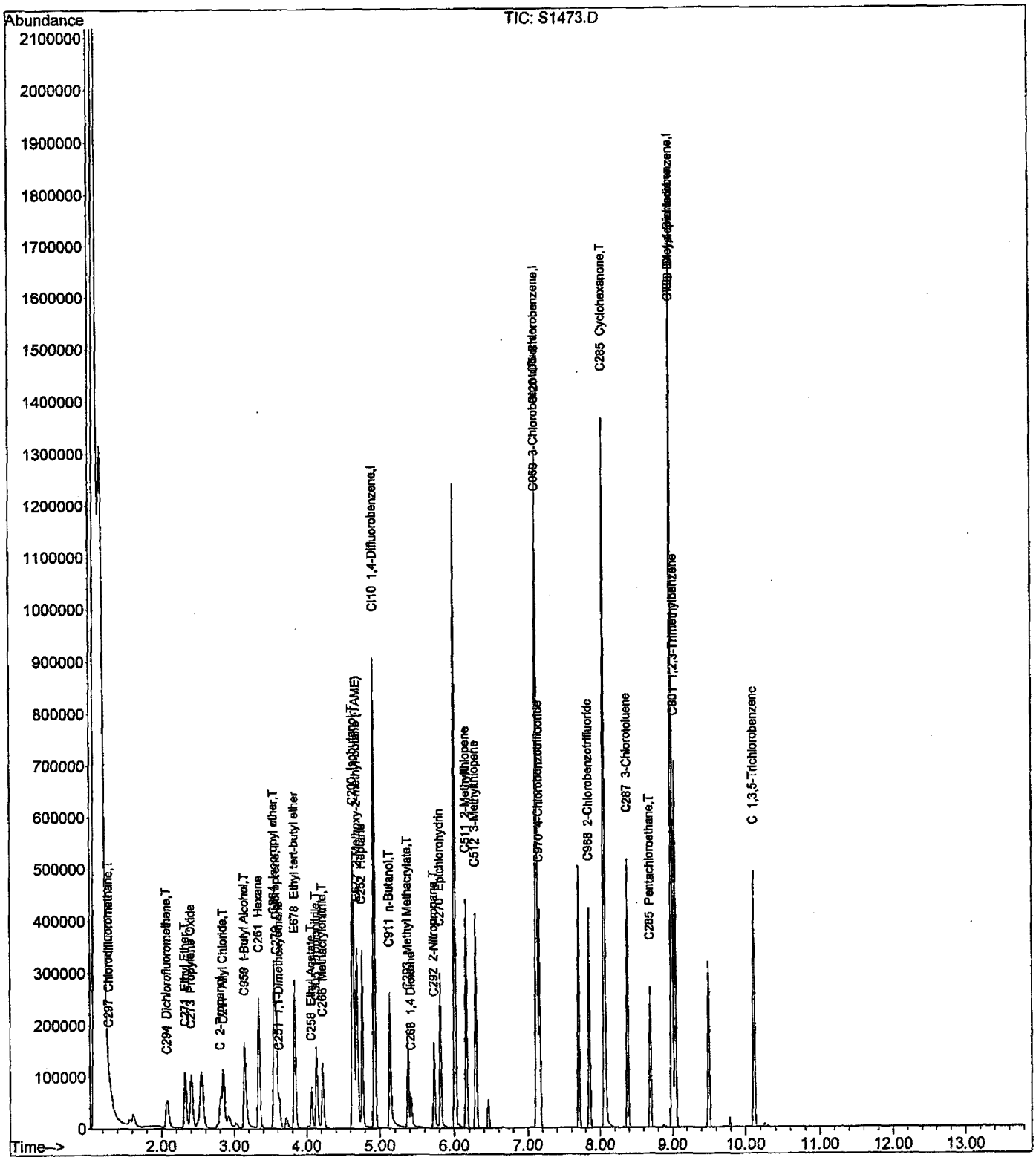
response 109181

Ion	Exp%	Act%
41.00	100	100
39.00	74.70	66.36
76.00	35.10	39.34
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1473.D Vial: 11
Acq On : 20 Nov 2010 3:11 Operator: CDC
Sample : T005292-CAL9 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P

Quant Time: Nov 20 09:52:46 2010 Results File: R10K091-ADD.RES
Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1474.D Vial: 12
Acq On : 20 Nov 2010 3:33 Operator: CDC
Sample : T005292-CALA Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:53:06 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	579375	25.00	ug/L		0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	508301	25.00	ug/L		0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	284365	25.00	ug/L		0.00 NA%
Target Compounds								Qvalue
2) C297	Chlorodifluoromethan	1.31	51	130851	24.92	ug/L		94
3) C294	Dichlorofluoromethan	2.08	67	220578	25.95	ug/L		99
4) C271	Ethyl Ether	2.32	59	191501	25.37	ug/L		94
5) C 2-Propanol		2.81	45	292645	510.98	ug/L	#	94
6) C959	t-Butyl Alcohol	3.15	59	484121	502.67	ug/L		100
7) C277	Allyl Chloride	2.85	41	269812m	25.55	ug/L		93
8) C279	Chloroprene	3.58	53	304618	25.29	ug/L		95
9) E678	Ethyl tert-butyl eth	3.84	59	574152	25.95	ug/L		95
10) C305	Propionitrile	4.14	54	368589	244.71	ug/L	#	1
11) C258	Ethyl Acetate	4.07	43	206343	24.90	ug/L		95
12) C266	Methacrylonitrile	4.22	41	137156	25.35	ug/L		94
13) C264	Isopropyl ether	3.55	45	626094	25.14	ug/L		95
14) C200	Isobutanol	4.65	43	479863	1023.45	ug/L	#	96
15) E677	2-Methoxy-2-methyl-b	4.70	73	499401	25.48	ug/L		95
16) C252	Heptane	4.76	43	291852	24.86	ug/L	#	89
17) C911	n-Butanol	5.14	56	348919	1048.55	ug/L		95
18) C293	Methyl Methacrylate	5.38	41	169560	25.20	ug/L	#	81
19) C273	Propylene Oxide	2.41	58	274930	136.34	ug/L	#	74
20) C270	Epichlorohydrin	5.82	57	532446	524.48	ug/L		95
21) C251	1,1-Dimethoxyethane	3.62	75	68474	137.98	ug/L	#	58
22) C261	Hexane	3.34	57	304287	25.62	ug/L		94
24) C268	1,4 Dioxane	5.42	88	92663	976.45	ug/L		90
26) C292	2-Nitropropane	5.73	43	258962	133.92	ug/L		96
27) C511	2-Methylthiopene	6.17	97	575331	24.13	ug/L	#	97
28) C512	3-Methylthiopene	6.29	97	612345	24.83	ug/L		97
29) C969	3-Chlorobenzotrifluo	7.12	180	285525	24.53	ug/L	#	88
30) C970	4-Chlorobenzotrifluo	7.17	180	277089	24.60	ug/L		98
31) C968	2-Chlorobenzotrifluo	7.85	180	302381	25.34	ug/L		97
32) C287	3-Chlorotoluene	8.38	126	245453	25.80	ug/L		98
33) C285	Cyclohexanone	8.06	55	432456	240.57	ug/L		93
34) C799	Dicyclopentadiene	9.00	66	982435	25.30	ug/L		97
35) C801	1,2,3-Trimethylbenze	9.04	105	903998	25.44	ug/L		98
36) C285	Pentachloroethane	8.69	167	96551	24.70	ug/L	#	90
37) C 1,3,5-Trichlorobenzene		10.12	180	353091	24.85	ug/L		98

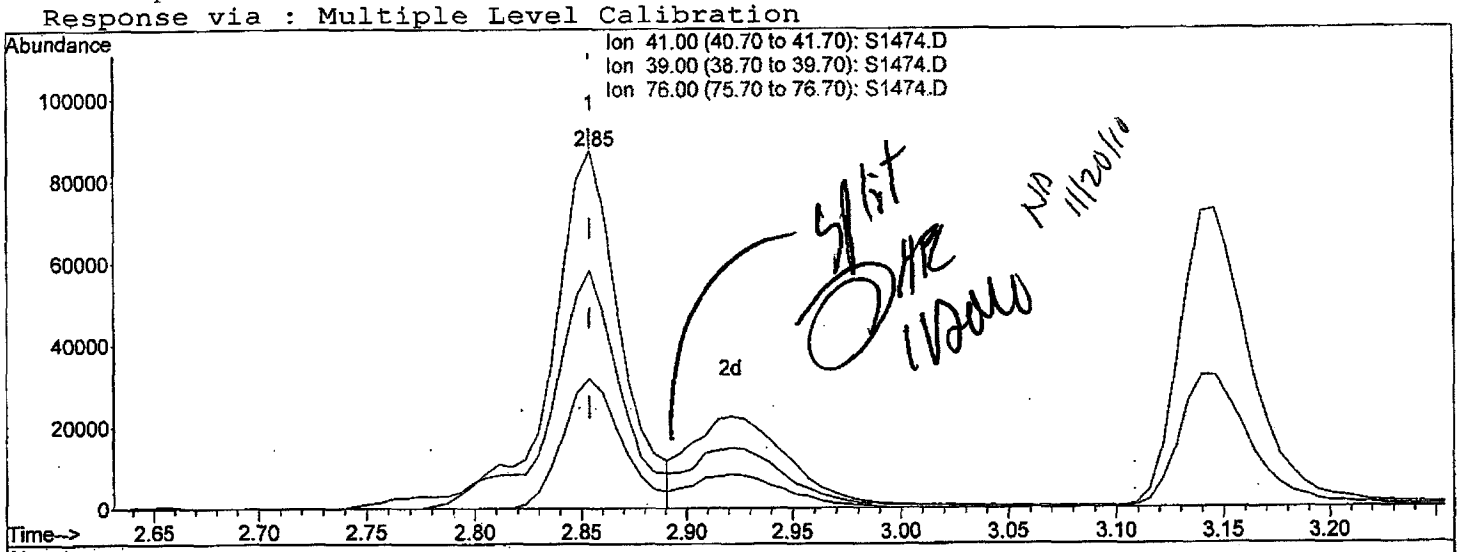
(#) = qualifier out of range (m) = manual integration (+) = signals summed

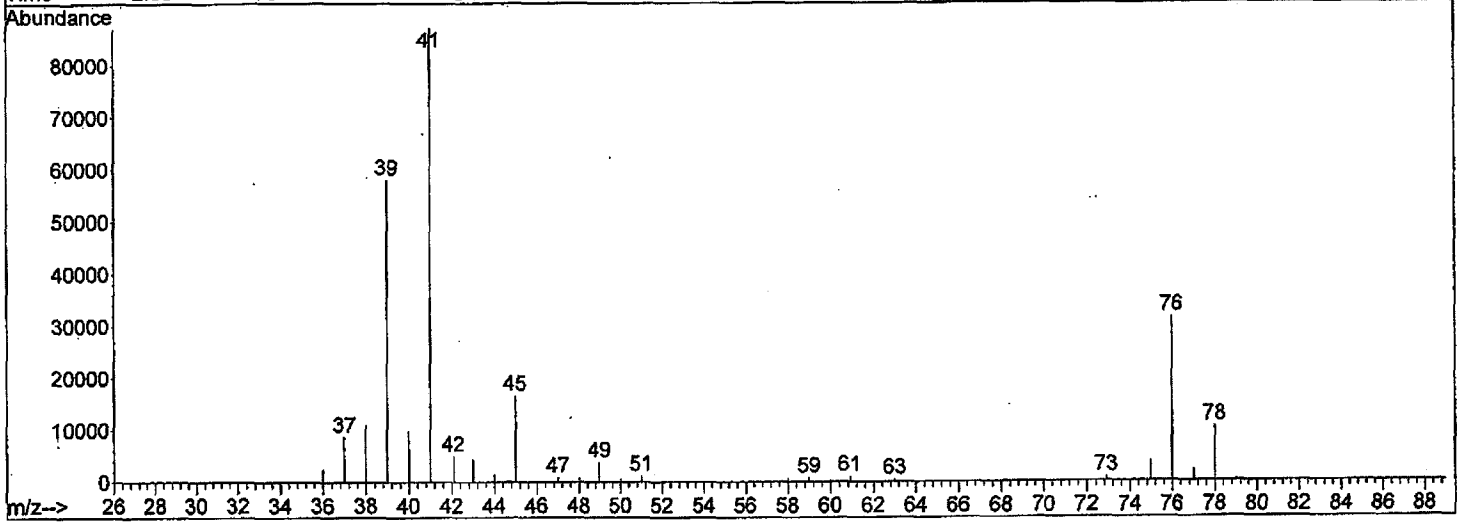
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1474.D
Acq On : 20 Nov 2010 3:33
Sample : T005292-CALA
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:51:06 2010

Vial: 12
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1474.D

(7) C277 Allyl Chloride (T)

2.85min (-0.000) 18.53ug/L

response 195645

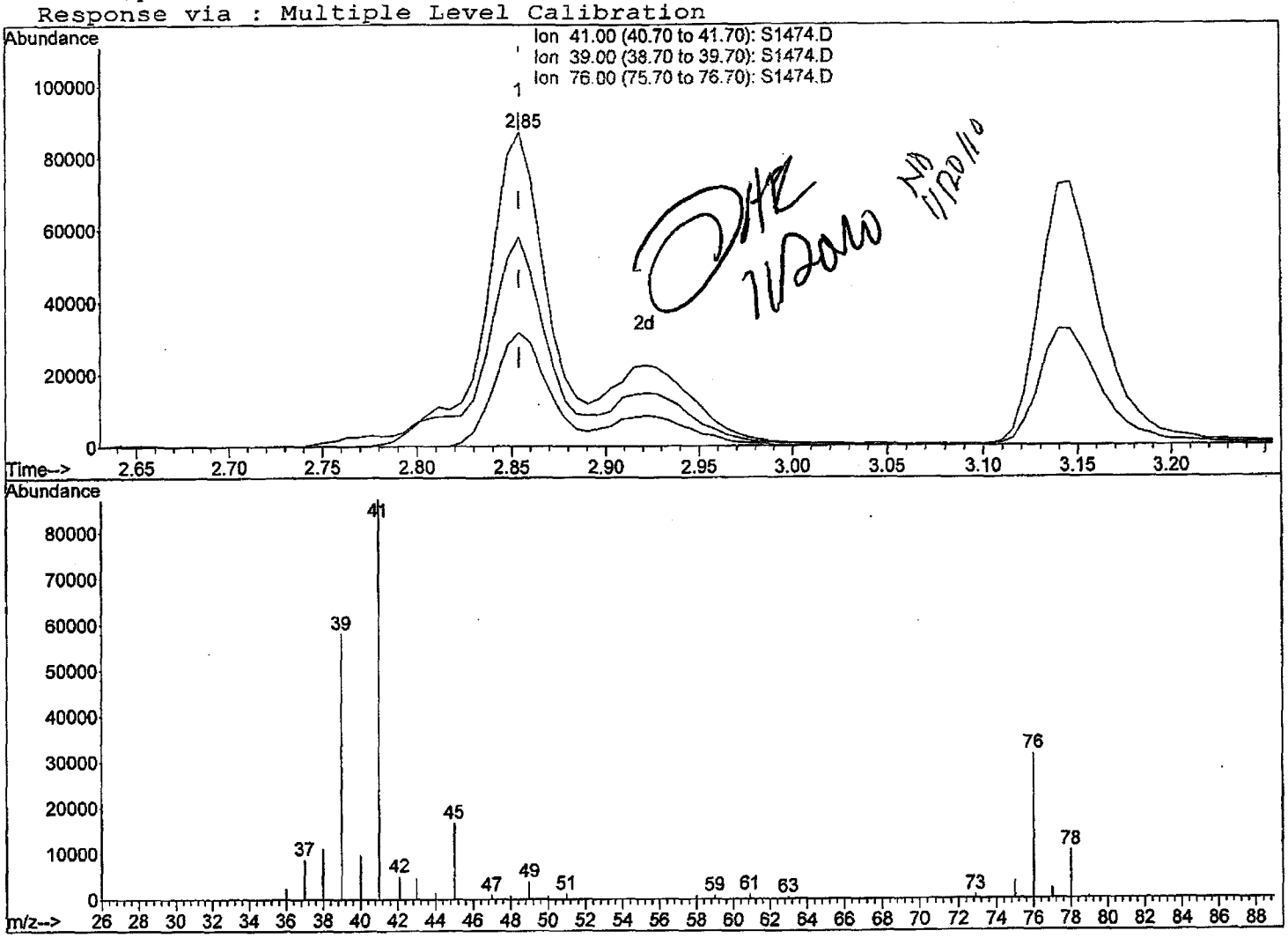
Ion	Exp%	Act%
41.00	100	100
39.00	74.70	66.58
76.00	35.10	36.27
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1474.D
Acq On : 20 Nov 2010 3:33
Sample : T005292-CALA
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:51:06 2010

Vial: 12
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration



TIC: S1474.D

(7) C277 Allyl Chloride (T)

2.85min (-0.000) 25.55ug/L m

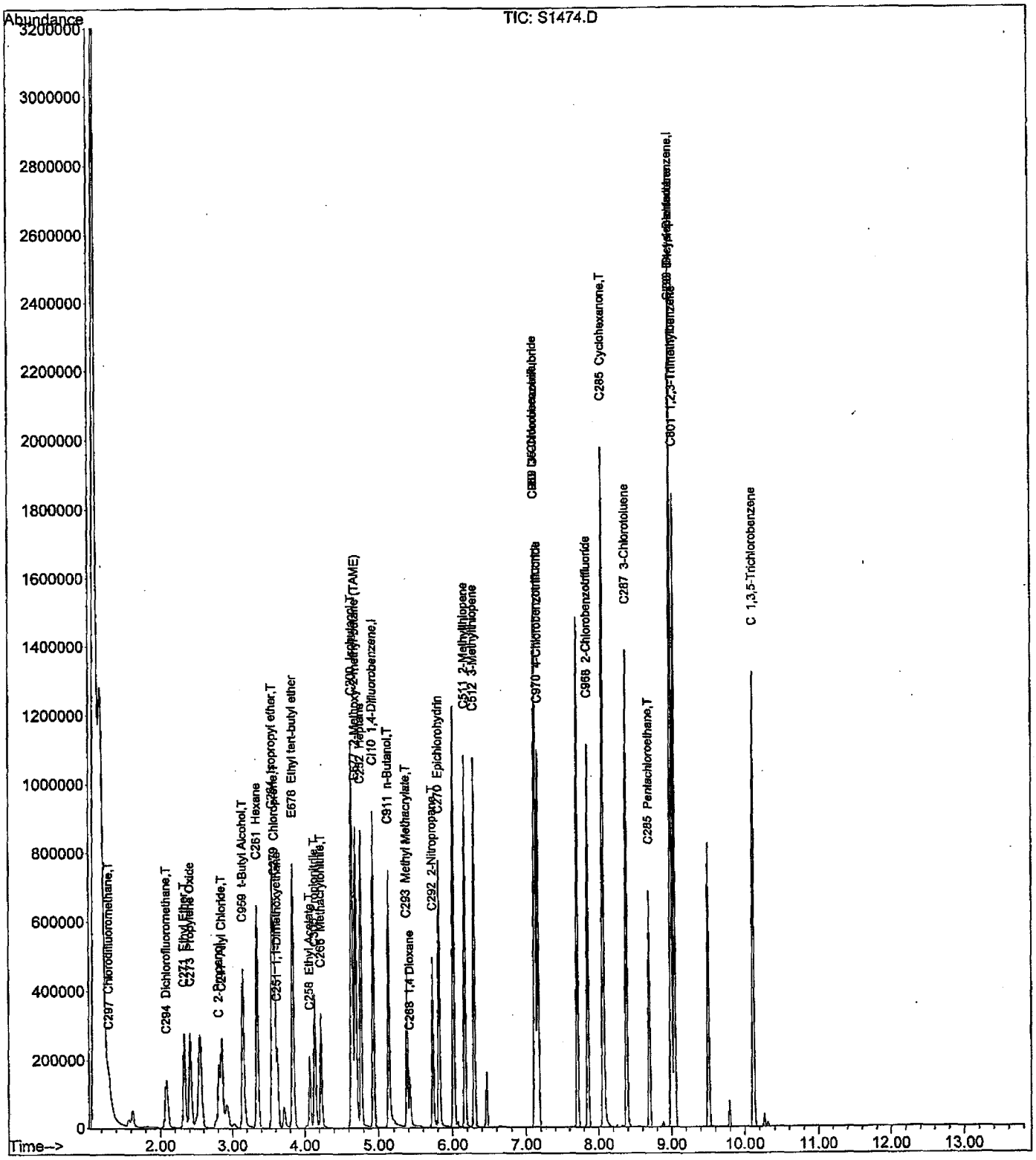
response 269812

Ion	Exp%	Act%
41.00	100	100
39.00	74.70	66.58
76.00	35.10	36.27
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1474.D Vial: 12
Acq On : 20 Nov 2010 3:33 Operator: CDC
Sample : T005292-CALA Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P

Quant Time: Nov 20 09:53:06 2010 Results File: R10K091-ADD.RES
Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1475.D Vial: 13
Acq On : 20 Nov 2010 3:54 Operator: CDC
Sample : T005292-CALB Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:53:24 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	581822	25.00	ug/L		0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	517189	25.00	ug/L		0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	291087	25.00	ug/L		0.00 NA%
Target Compounds								Qvalue
2) C297	Chlorodifluoromethan	1.30	51	329306	62.46	ug/L		93
3) C294	Dichlorofluoromethan	2.08	67	470611	55.14	ug/L		98
4) C271	Ethyl Ether	2.32	59	401689	52.99	ug/L		95
5) C	2-Propanol	2.82	45	647868	1126.48	ug/L	#	90
6) C959	t-Butyl Alcohol	3.15	59	1101607	1139.01	ug/L		100
7) C277	Allyl Chloride	2.85	41	596012m	56.21	ug/L		93
8) C279	Chloroprene	3.58	53	682232	56.41	ug/L		94
9) E678	Ethyl tert-butyl eth	3.83	59	1242715	55.93	ug/L		95
10) C305	Propionitrile	4.14	54	791144	523.04	ug/L	#	1
11) C258	Ethyl Acetate	4.06	43	453990	54.56	ug/L		96
12) C266	Methacrylonitrile	4.22	41	290283	53.42	ug/L		92
13) C264	Isopropyl ether	3.55	45	1372541	54.88	ug/L		95
14) C200	Isobutanol	4.65	43	1084266	2302.79	ug/L	#	93
15) E677	2-Methoxy-2-methyl-b	4.70	73	1109143	56.35	ug/L		99
16) C252	Heptane	4.76	43	629650	53.41	ug/L	#	89
17) C911	n-Butanol	5.14	56	784635	2348.03	ug/L		94
18) C293	Methyl Methacrylate	5.38	41	383530	56.76	ug/L	#	81
19) C273	Propylene Oxide	2.40	58	572526	282.73	ug/L	#	73
20) C270	Epichlorohydrin	5.82	57	1126916	1105.38	ug/L		96
21) C251	1,1-Dimethoxyethane	3.62	75	195651	392.58	ug/L	#	54
22) C261	Hexane	3.34	57	660454	55.37	ug/L		92
24) C268	1,4 Dioxane	5.42	88	205320	2126.40	ug/L		88
26) C292	2-Nitropropane	5.73	43	618767	312.60	ug/L		98
27) C511	2-Methylthiopene	6.17	97	1220115	49.99	ug/L	#	97
28) C512	3-Methylthiopene	6.29	97	1260112	49.91	ug/L	#	96
29) C969	3-Chlorobenzotrifluo	7.12	180	621193	52.14	ug/L	#	89
30) C970	4-Chlorobenzotrifluo	7.17	180	600161	52.05	ug/L		97
31) C968	2-Chlorobenzotrifluo	7.85	180	637080	52.15	ug/L		96
32) C287	3-Chlorotoluene	8.38	126	512363	52.60	ug/L		100
33) C285	Cyclohexanone	8.06	55	864037	469.56	ug/L		93
34) C799	Dicyclopentadiene	9.00	66	2155053	54.22	ug/L		97
35) C801	1,2,3-Trimethylbenze	9.04	105	1938600	53.29	ug/L		97
36) C285	Pentachloroethane	8.69	167	218662	54.64	ug/L	#	91
37) C	1,3,5-Trichlorobenzene	10.12	180	784863	53.95	ug/L		99

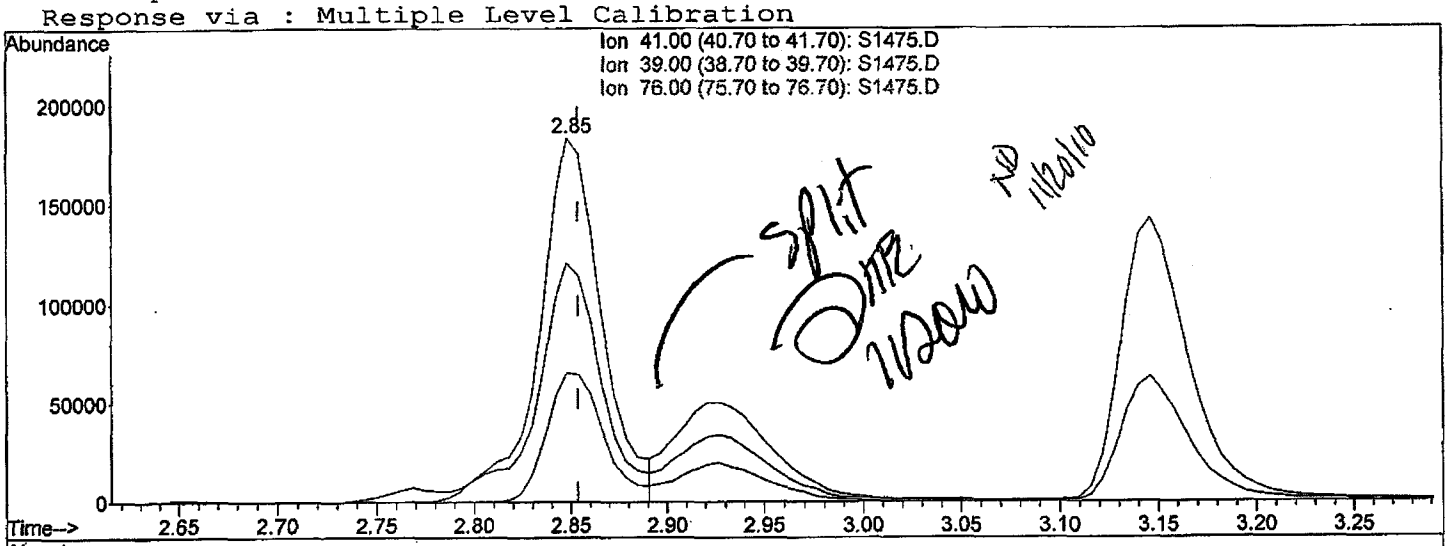
(#) = qualifier out of range (m) = manual integration (+) = signals summed

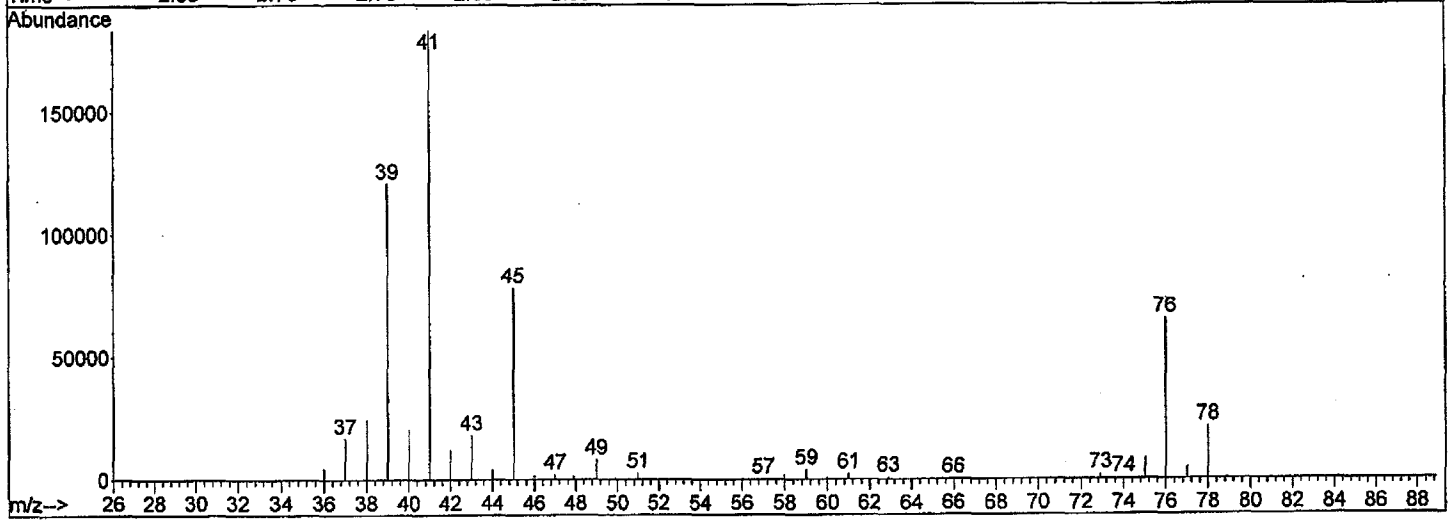
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1475.D
Acq On : 20 Nov 2010 3:54
Sample : T005292-CALB
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:51:10 2010

Vial: 13
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1475.D

(7) C277 Allyl Chloride (T)

2.85min (-0.006) 39.21ug/L

response 415810

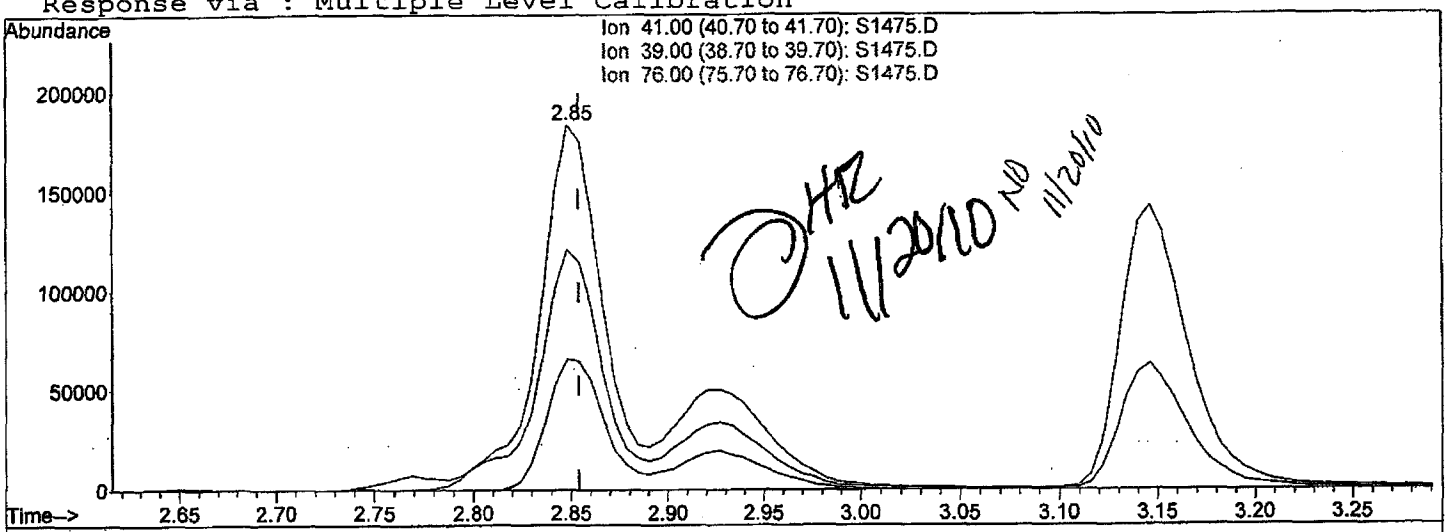
Ion	Exp%	Act%
41.00	100	100
39.00	74.70	65.89
76.00	35.10	35.73
0.00	0.00	0.00

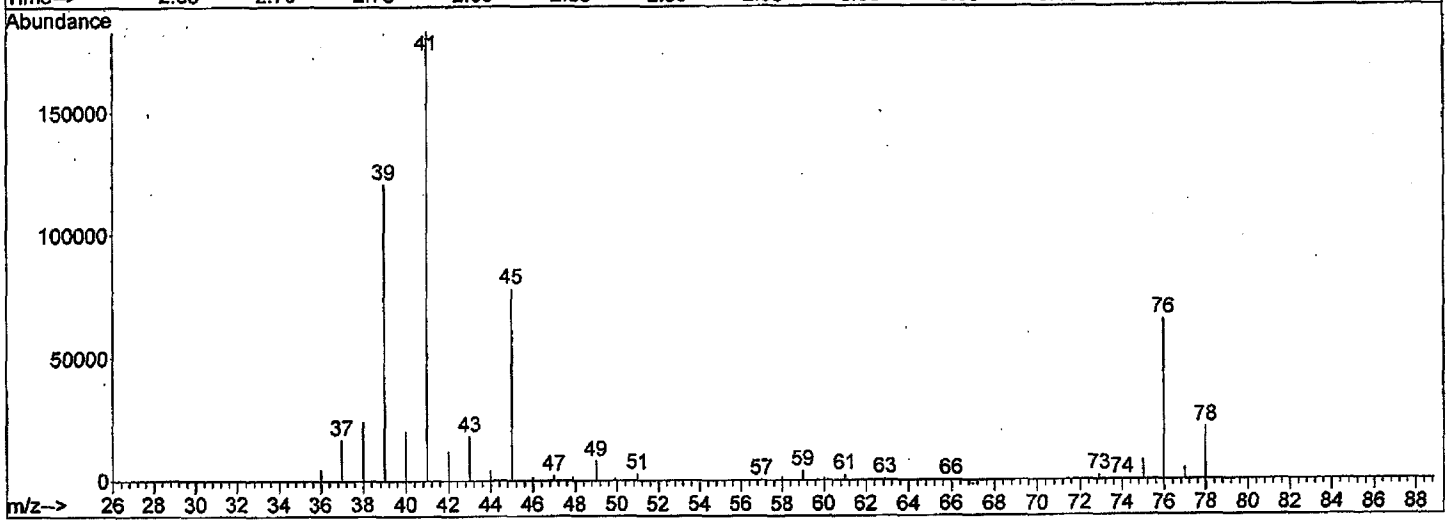
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1475.D
Acq On : 20 Nov 2010 3:54
Sample : T005292-CALB
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:51:10 2010

Vial: 13
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1475.D

(7) C277 Allyl Chloride (T)

2.85min (-0.006) 56.21ug/L m

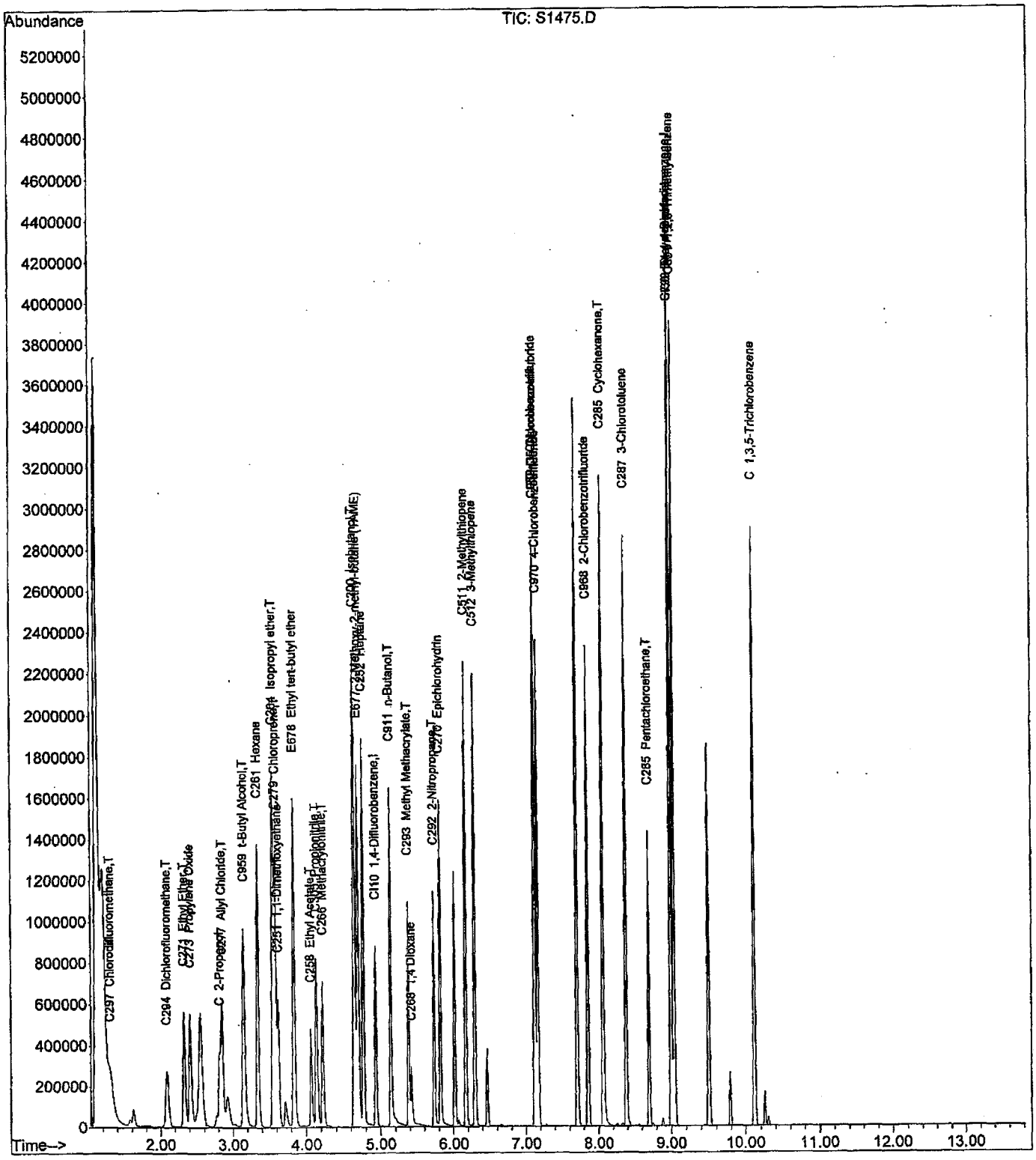
response 596012

Ion	Exp%	Act%
41.00	100	100
39.00	74.70	65.89
76.00	35.10	35.73
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1475.D Vial: 13
Acq On : 20 Nov 2010 3:54 Operator: CDC
Sample : T005292-CALB Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P

Quant Time: Nov 20 09:53:24 2010 Results File: R10K091-ADD.RES
Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1476.D Vial: 14
Acq On : 20 Nov 2010 4:16 Operator: CDC
Sample : T005292-CALC Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:53:45 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	603450	25.00	ug/L		0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	541549	25.00	ug/L		0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	283905	25.00	ug/L		0.00 NA%
Target Compounds								Qvalue
2) C297	Chlorodifluoromethan	1.30	51	698456	127.73	ug/L		96
3) C294	Dichlorofluoromethan	2.09	67	987671	111.57	ug/L		98
4) C271	Ethyl Ether	2.32	59	718404	91.37	ug/L		94
5) C 2-Propanol		2.82	45	1270596	2130.06	ug/L	#	88
6) C959	t-Butyl Alcohol	3.15	59	2235307	2228.38	ug/L		100
7) C277	Allyl Chloride	2.85	41	1144681m	104.08	ug/L		93
8) C279	Chloroprene	3.58	53	1315864	104.90	ug/L		94
9) E678	Ethyl tert-butyl eth	3.84	59	2491098	108.09	ug/L		95
10) C305	Propionitrile	4.14	54	1550551	988.36	ug/L	#	1
11) C258	Ethyl Acetate	4.06	43	916578	106.20	ug/L		96
12) C266	Methacrylonitrile	4.22	41	574643	101.96	ug/L		94
13) C264	Isopropyl ether	3.55	45	2684672	103.49	ug/L		95
14) C200	Isobutanol	4.65	43	2208290	4521.93	ug/L	#	93
15) E677	2-Methoxy-2-methyl-b	4.70	73	2286650	112.02	ug/L		97
16) C252	Heptane	4.76	43	1185836	96.98	ug/L	#	89
17) C911	n-Butanol	5.14	56	1543924	4454.62	ug/L		94
18) C293	Methyl Methacrylate	5.38	41	776077	110.73	ug/L	#	80
19) C273	Propylene Oxide	2.41	58	1006799	479.37	ug/L	#	72
20) C270	Epichlorohydrin	5.82	57	2212406	2092.35	ug/L		96
21) C251	1,1-Dimethoxyethane	3.62	75	500357	968.00	ug/L	#	53
22) C261	Hexane	3.34	57	1233179	99.67	ug/L		92
24) C268	1,4 Dioxane	5.42	88	389826	3855.63	ug/L		86
26) C292	2-Nitropropane	5.73	43	1342232	695.25	ug/L		99
27) C511	2-Methylthiopene	6.17	97	2428648	102.03	ug/L	#	96
28) C512	3-Methylthiopene	6.29	97	2513834	102.09	ug/L	#	96
29) C969	3-Chlorobenzotrifluo	7.12	180	1191985	102.57	ug/L	#	89
30) C970	4-Chlorobenzotrifluo	7.17	180	1130454	100.51	ug/L		97
31) C968	2-Chlorobenzotrifluo	7.85	180	1211429	101.68	ug/L		96
32) C287	3-Chlorotoluene	8.38	126	981051	103.27	ug/L		98
33) C285	Cyclohexanone	8.06	55	1525707	850.11	ug/L		93
34) C799	Dicyclopentadiene	9.00	66	4092212	105.55	ug/L		96
35) C801	1,2,3-Trimethylbenze	9.04	105	3602707	101.54	ug/L		97
36) C285	Pentachloroethane	8.69	167	425884	109.12	ug/L	#	93
37) C 1,3,5-Trichlorobenzene		10.12	180	1500211	105.73	ug/L		99

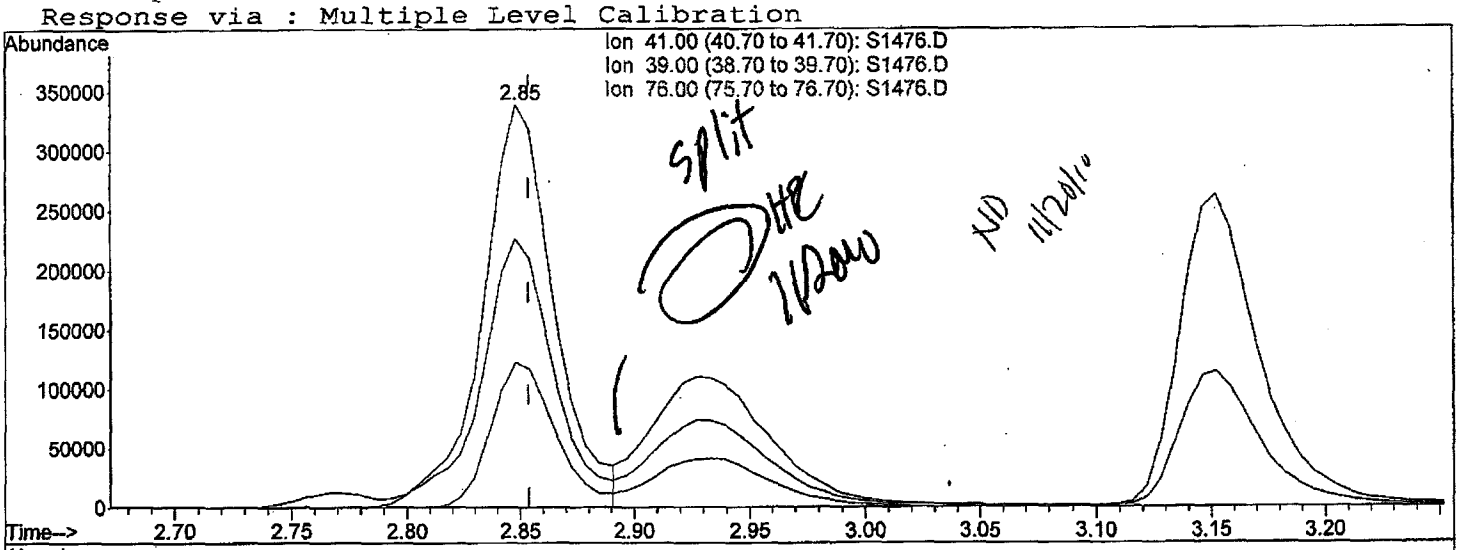
(#) = qualifier out of range (m) = manual integration (+) = signals summed

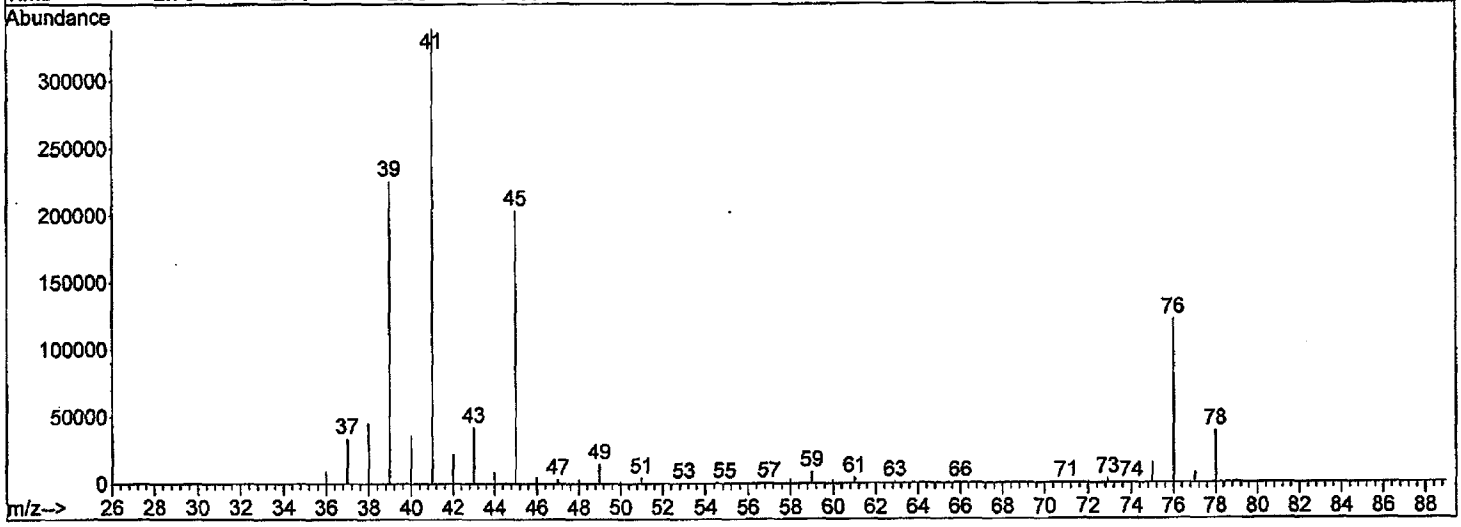
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1476.D
Acq On : 20 Nov 2010 4:16
Sample : T005292-CALC
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:51:14 2010

Vial: 14
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1476.D

(7) C277 Allyl Chloride (T)

2.85min (-0.006) 66.91ug/L

response 735848

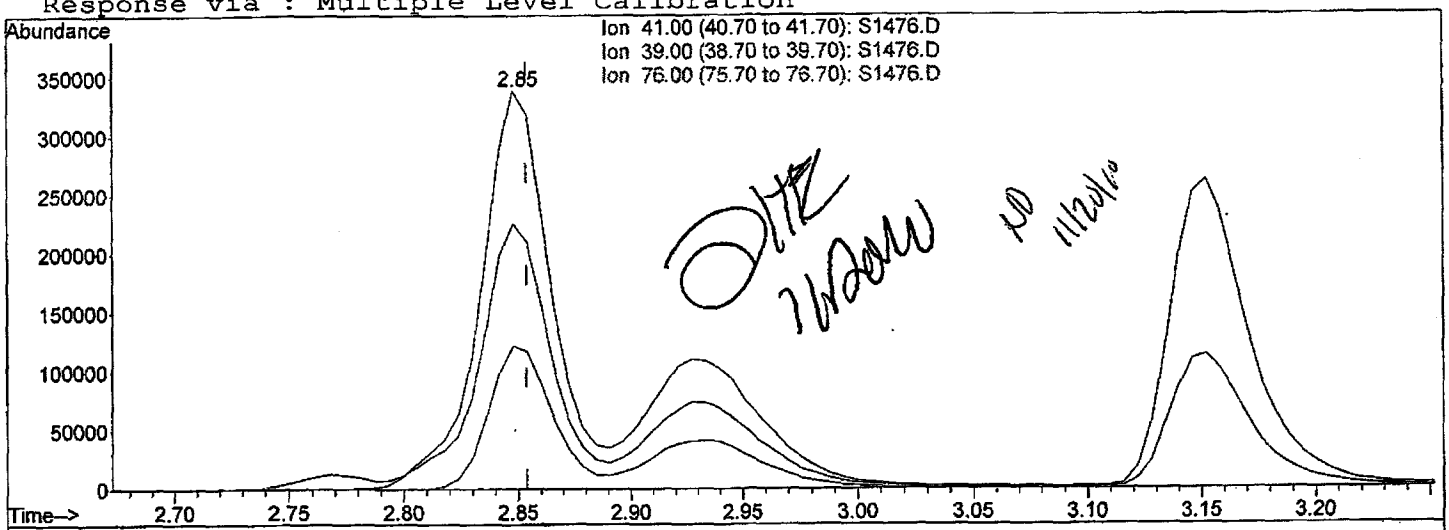
Ion	Exp%	Act%
41.00	100	100
39.00	74.70	66.69
76.00	35.10	36.06
0.00	0.00	0.00

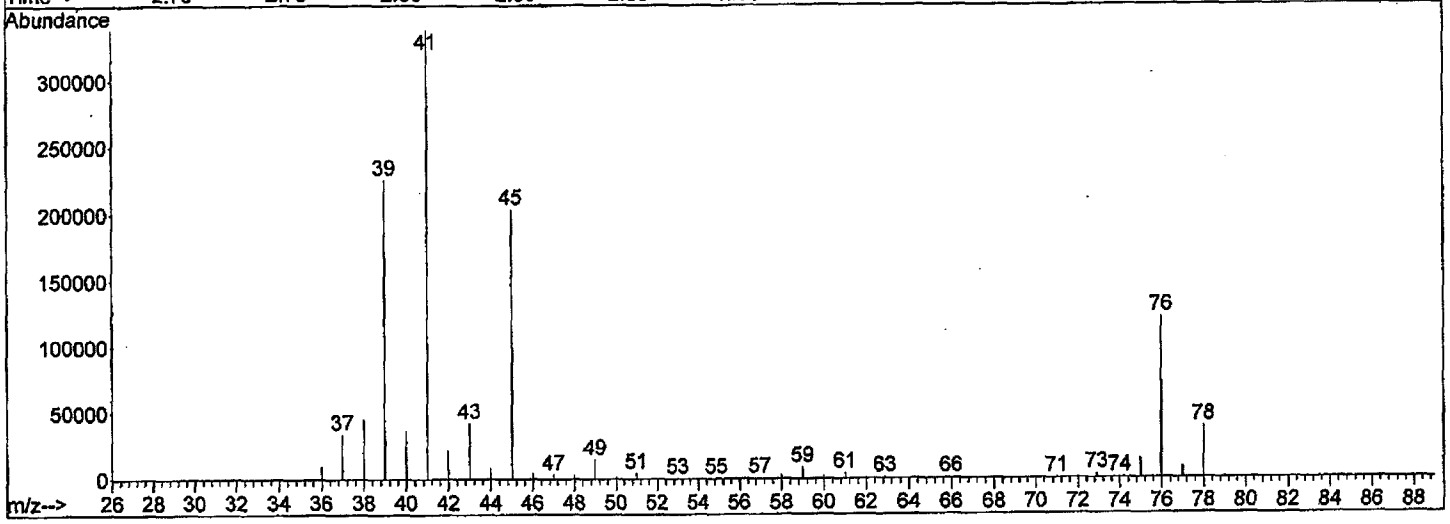
Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\111910\S1476.D
Acq On : 20 Nov 2010 4:16
Sample : T005292-CALC
Misc :
MS Integration Params: LSTINT.P
Quant Time: Nov 20 09:51:14 2010

Vial: 14
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...OW\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Multiple Level Calibration





TIC: S1476.D

(7) C277 Allyl Chloride (T)

2.85min (-0.006) 104.08ug/L m

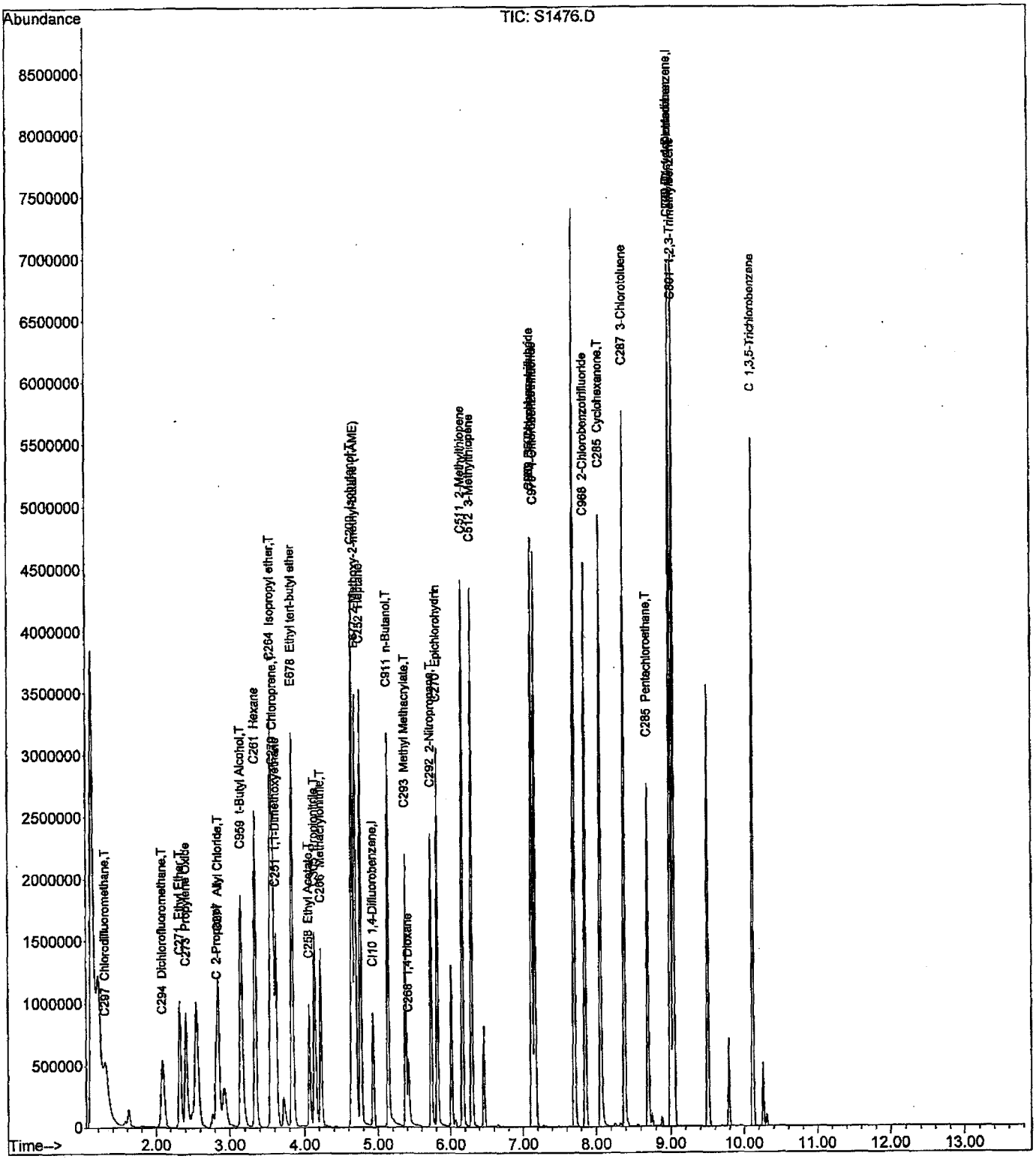
response 1144681

Ion	Exp%	Act%
41.00	100	100
39.00	74.70	66.69
76.00	35.10	36.06
0.00	0.00	0.00

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\111910\S1476.D Vial: 14
Acq On : 20 Nov 2010 4:16 Operator: CDC
Sample : T005292-CALC Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P

Quant Time: Nov 20 09:53:45 2010 Results File: R10K091-ADD.RES
Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Sat Nov 20 09:48:51 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1793.D	Calibration Date:	11/19/10 22:42
Sequence:	T005434	Injection Date:	11/30/10
Lab Sample ID:	T005434-CCV1	Injection Time:	10:08

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.0	27.2	0.6209583	0.6756789		8.8	100
1,1,1-Trichloroethane	A	25.0	28.2	0.3711968	0.4182032		12.7	100
1,1,2,2-Tetrachloroethane	A	25.0	26.5	0.9035287	0.9564547	0.3	5.9	100
1,1,2-Trichloroethane	A	25.0	25.0	0.5509268	0.5515616		0.1	100
1,1,2-Trichlorotrifluoroethane	A	25.0	23.9	0.3304252	0.3161126		-4.3	100
1,1-Dichloroethane	A	25.0	24.4	0.5980372	0.5848079	0.1	-2.2	100
1,1-Dichloroethene	A	25.0	24.8	0.3506067	0.3484233		-0.6	20
1,1-Dichloropropene	A	25.0	25.7	0.4616824	0.474673		2.8	100
1,2,3-Trichlorobenzene	A	25.0	26.8	1.098419	1.1752		7.0	100
1,2,3-Trichloropropane	A	25.0	26.9	0.2710964	0.2915194		7.5	100
1,2,4-Trichlorobenzene	A	25.0	27.4	1.135607	1.242913		9.4	100
1,2,4-Trimethylbenzene	A	25.0	26.9	2.877615	3.099557		7.7	100
1,2-Dibromo-3-chloropropane	L0	25.0	23.1	0.1466665	0.1736514		-7.8	100
1,2-Dibromoethane (EDB)	A	25.0	26.2	0.6383883	0.669343		4.8	100
1,2-Dichlorobenzene	A	25.0	25.4	1.672431	1.699601		1.6	100
1,2-Dichloroethane	A	25.0	25.8	0.4704109	0.4848116		3.1	100
1,2-Dichloroethane-d4	L0	25.0	28.6	0.432891	0.4015983		14.4	100
1,2-Dichloroethene, Total	A	50.0	50.0	0.3603169	0.3604835		0.05	100
1,2-Dichloropropane	A	25.0	24.0	0.3484269	0.335078		-3.8	20
1,3,5-Trimethylbenzene	A	25.0	26.7	2.836168	3.024561		6.6	100
1,3-Dichlorobenzene	A	25.0	25.6	1.693604	1.733759		2.4	100
1,3-Dichloropropane	A	25.0	25.0	1.13973	1.138882		-0.07	100
1,3-Dichloropropene, Total	L0	50.0	46.0	0.4479611	0.4775554		-7.9	100
1,4-Dichlorobenzene	A	25.0	24.7	1.807887	1.78863		-1.1	100
2,2-Dichloropropane	A	25.0	27.1	0.1939892	0.2101294		8.3	100
2-Butanone (MEK)	A	125	119	0.1991222	0.1888488		-5.2	100
2-Chloroethyl vinyl ether	A	125	122	0.2251797	0.2200123		-2.3	100
2-Chlorotoluene	A	25.0	25.6	0.809252	0.8271873		2.2	100
2-Hexanone	A	125	131	0.5308484	0.5545035		4.5	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1793.D	Calibration Date:	11/19/10 22:42
Sequence:	T005434	Injection Date:	11/30/10
Lab Sample ID:	T005434-CCV1	Injection Time:	10:08

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Bromofluorobenzene	L0	25.0	26.1	0.8728563	0.7876704		4.4	100
4-Chlorotoluene	A	25.0	25.7	0.8269978	0.8505012		2.8	100
4-Isopropyltoluene	A	25.0	27.0	3.055449	3.300454		8.0	100
4-Methyl-2-pentanone (MIBK)	A	125	128	0.7528827	0.772618		2.6	100
Acetone	A	125	120	0.1282776	0.1227214		-4.3	100
Acetonitrile	A	1000	933	5.297725E-02	4.941643E-02		-6.7	100
Acrolein	A	500	440	2.732248E-02	2.402762E-02		-12.1	100
Acrylonitrile	A	125	117	0.1640078	0.1533468		-6.5	100
Benzene	A	25.0	24.5	1.462183	1.433107		-2.0	100
Bromobenzene	A	25.0	25.9	0.8336343	0.8650531		3.8	100
Bromochloromethane	A	25.0	25.2	0.1789219	0.1802126		0.7	100
Bromodichloromethane	L0	25.0	24.1	0.3824257	0.4202147		-3.5	100
Bromoform	L0	25.0	21.8	0.3458392	0.4004782	0.1	-12.8	100
Bromomethane	A	25.0	22.2	0.1112842	9.864414E-02		-11.4	100
Carbon disulfide	L0	25.0	20.5	0.6212691	0.6407788		-18.1	100
Carbon Tetrachloride	A	25.0	27.5	0.3840031	0.4225453		10.0	100
Chlorobenzene	A	25.0	24.5	2.0251	1.985617	0.3	-1.9	100
Chlorodibromomethane	L0	25.0	24.0	0.5592684	0.6458314		-4.1	100
Chloroethane	A	25.0	18.9	0.1768718	0.1336381		-24.4	100
Chloroform	A	25.0	25.2	0.601759	0.6058659		0.7	20
Chloromethane	A	25.0	22.0	0.3524915	0.3108238	0.1	-11.8	100
cis-1,2-Dichloroethene	A	25.0	25.3	0.369286	0.3743471		1.4	100
cis-1,3-Dichloropropene	L0	25.0	22.7	0.4722086	0.4963834		-9.4	100
Cyclohexane	A	25.0	22.1	0.6003709	0.5310159		-11.6	100
Dibromomethane	A	25.0	25.5	0.2104618	0.2144274		1.9	100
Dichlorodifluoromethane	A	25.0	20.8	0.3092444	0.2567551		-17.0	100
Ethyl Methacrylate	L0	25.0	22.7	0.8772434	0.9455086		-9.2	100
Ethylbenzene	A	25.0	25.4	3.418529	3.478352		1.7	20
Hexachlorobutadiene	A	25.0	25.8	0.6140787	0.6341175		3.3	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1793.D	Calibration Date:	11/19/10 22:42
Sequence:	T005434	Injection Date:	11/30/10
Lab Sample ID:	T005434-CCV1	Injection Time:	10:08

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Iodomethane	A	25.0	23.6	0.3599543	0.340432		-5.4	100
Isopropylbenzene	A	25.0	26.8	3.288287	3.518839		7.0	100
Methyl Acetate	A	25.0	22.8	0.4252046	0.3873521		-8.9	100
Methyl tert-Butyl Ether	A	25.0	25.0	0.9086559	0.9073886		-0.1	100
Methylcyclohexane	A	25.0	22.9	0.6139093	0.5617136		-8.5	100
Methylene Chloride	L0	25.0	23.5	0.4130333	0.3304645		-5.9	100
m-Xylene & p-Xylene	A	50.0	51.4	1.310731	1.346673		2.7	100
Naphthalene	L0	25.0	24.5	3.011566	3.543209		-1.8	100
n-Butylbenzene	A	25.0	27.1	2.904573	3.145802		8.3	100
n-Propylbenzene	A	25.0	26.4	4.139546	4.366287		5.5	100
o-Xylene	A	25.0	26.2	1.237218	1.297328		4.9	100
sec-Butylbenzene	A	25.0	26.7	3.68737	3.934899		6.7	100
Styrene	A	25.0	26.4	2.06903	2.188924		5.8	100
tert-Butylbenzene	A	25.0	27.1	0.6093081	0.6601387		8.3	100
Tetrachloroethene	A	25.0	24.9	0.7769742	0.7739907		-0.4	100
Tetrahydrofuran	A	125	120	0.1259707	0.1213029		-3.7	100
Toluene	A	25.0	25.1	1.862062	1.866883		0.3	20
Toluene-d8	L0	25.0	29.2	2.688287	2.59791		16.6	100
trans-1,2-Dichloroethene	A	25.0	24.7	0.3513478	0.3466199		-1.3	100
trans-1,3-Dichloropropene	L0	25.0	23.4	0.8531757	0.9535412		-6.5	100
trans-1,4-Dichloro-2-butene	A	125	116	0.129763	0.120014		-7.5	100
Trichloroethene	A	25.0	24.5	0.3636819	0.3558364		-2.2	100
Trichlorofluoromethane	L0	25.0	24.2	0.3249631	0.3555067		-3.3	100
Vinyl acetate	A	125	131	0.6356878	0.6672603		5.0	100
Vinyl chloride	A	25.0	25.8	0.3389797	0.3495357		3.1	20
Xylenes, total	A	75.0	77.6	1.286227	1.330225		3.4	100

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:

A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1793.D Vial: 2
Acq On : 30 Nov 2010 10:08 Operator: JRS
Sample : T005434-CCV1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 10:22:52 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 08:46:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\112910\S1764.D (29 Nov 2010 21:29)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	567241	25.00	ug/L	0.00 105.04%
42) CI20	Chlorobenzene-D5	7.13	82	272887	25.00	ug/L	0.00 102.32%
62) CI30	1,4-Dichlorobenzene-	9.00	152	271855	25.00	ug/L	0.00 101.34%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.63	65	227803	28.59	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	114.36%	
43) CS05	Toluene-D8	6.02	98	708936	29.15	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	116.60%	
61) CS10	p-Bromofluorobenzene	8.07	174	214945	26.11	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	104.44%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.27	85	145642	20.76	ug/L #	100
3) C010	Chloromethane	1.40	50	176312	22.04	ug/L	100
4) C020	Vinyl chloride	1.50	62	198271	25.78	ug/L	90
5) C015	Bromomethane	1.78	94	55955	22.16	ug/L	85
6) C025	Chloroethane	1.87	64	75805	18.89	ug/L	86
7) C275	Trichlorofluorometha	2.11	101	201658m	24.18	ug/L	98
8) C045	1,1-Dichloroethene	2.55	96	197640	24.84	ug/L	91
9) C030	Methylene chloride	3.02	84	187453	23.52	ug/L	85
10) C040	Carbon disulfide	2.74	76	363476	20.47	ug/L	98
11) C036	Acrolein	2.50	56	272589	439.70	ug/L	96
12) C038	Acrylonitrile	3.24	53	434923	116.87	ug/L	94
13) C035	Acetone	2.65	43	348063	119.59	ug/L	97
14) C300	Acetonitrile	2.93	41	1121241	932.79	ug/L	99
15) C276	Iodomethane	2.71	142	193107	23.64	ug/L	96
16) C291	1,1,2-Trichloro-1,2,	2.54	101	179312	23.92	ug/L	90
17) C962	T-butyl Methyl Ether	3.17	73	514708	24.97	ug/L	97
18) C057	trans-1,2-Dichloroet	3.17	96	196617	24.66	ug/L	96
19) C255	Methyl Acetate	2.91	43	219722	22.77	ug/L #	91
20) C050	1,1-Dichloroethane	3.54	63	331727	24.45	ug/L	98
21) C125	Vinyl Acetate	3.59	43	1892487	131.21	ug/L	94
22) C051	2,2-Dichloropropane	3.97	77	119194	27.08	ug/L	96
23) C056	cis-1,2-Dichloroethe	4.00	96	212345	25.34	ug/L	94
24) C272	Tetrahydrofuran	4.22	42	344040	120.37	ug/L	83
25) C222	Bromochloromethane	4.19	128	102224	25.18	ug/L	91
26) C060	Chloroform	4.25	83	343672	25.17	ug/L	99
27) C115	1,1,1-Trichloroethan	4.34	97	237222	28.17	ug/L	98
28) C120	Carbon tetrachloride	4.45	117	239685	27.51	ug/L	97
29) C116	1,1-Dichloropropene	4.47	75	269254	25.70	ug/L	97
31) C165	Benzene	4.63	78	812917	24.50	ug/L	99
32) C065	1,2-Dichloroethane	4.69	62	275005	25.77	ug/L	99
33) C110	2-Butanone	4.05	43	535614	118.55	ug/L	89
34) C256	Cyclohexane	4.34	56	301214	22.11	ug/L	94
35) C150	Trichloroethene	5.10	95	201845	24.46	ug/L	92
36) C140	1,2-Dichloropropane	5.31	63	190070	24.04	ug/L	99
37) C278	Dibromomethane	5.41	93	121632	25.47	ug/L	94
38) C130	Bromodichloromethane	5.52	83	238363	24.12	ug/L	97
39) C161	2-Chloroethylvinyl E	5.74	63	624000	122.13	ug/L	91

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1793.D Vial: 2
Acq On : 30 Nov 2010 10:08 Operator: JRS
Sample : T005434-CCV1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 10:22:52 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 08:46:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\112910\S1764.D (29 Nov 2010 21:29)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	5.20	83	318627	22.87	ug/L		96
41) C145	cis-1,3-Dichloroprop	5.84	75	281569	22.66	ug/L		100
44) C230	Toluene	6.07	92	509448	25.06	ug/L		95
45) C170	trans-1,3-Dichloropr	6.27	75	260209	23.38	ug/L		94
46) C284	Ethyl Methacrylate	6.31	69	258017	22.70	ug/L	#	87
47) C160	1,1,2-Trichloroethan	6.42	83	150514	25.03	ug/L		99
48) C210	4-Methyl-2-pentanone	5.96	43	1054187	128.28	ug/L		91
49) C220	Tetrachloroethene	6.46	166	211212	24.90	ug/L		100
50) C221	1,3-Dichloropropane	6.55	76	310786	24.98	ug/L		98
51) C155	Dibromochloromethane	6.72	129	176239	23.97	ug/L		99
52) C163	1,2-Dibromoethane	6.80	107	182655	26.21	ug/L		98
53) C215	2-Hexanone	6.60	43	756584	130.57	ug/L		89
54) C235	Chlorobenzene	7.16	112	541849	24.51	ug/L		99
55) C281	1,1,1,2-Tetrachloroe	7.22	131	184384	27.20	ug/L		97
56) C240	Ethylbenzene	7.22	91	949197	25.44	ug/L		100
57) C246	m,p-Xylene	7.31	106	734979	51.37	ug/L		99
58) C247	o-Xylene	7.63	106	354024	26.21	ug/L		98
59) C245	Styrene	7.65	104	597329	26.45	ug/L		92
60) C180	Bromoform	7.84	173	108872	21.80	ug/L		96
63) C966	Isopropylbenzene	7.92	105	956614	26.75	ug/L		97
64) C301	Bromobenzene	8.19	156	235169	25.94	ug/L		98
65) C225	1,1,2,2-Tetrachloroe	8.22	83	260017	26.46	ug/L		97
66) C282	1,2,3-Trichloropropa	8.26	110	79251	26.88	ug/L		100
67) C283	t-1,4-Dichloro-2-But	8.26	51	163132	115.61	ug/L	#	65
68) C302	n-Propylbenzene	8.24	91	1186997	26.37	ug/L		95
69) C303	2-Chlorotoluene	8.33	126	224875	25.55	ug/L		100
70) C289	4-Chlorotoluene	8.42	126	231213	25.71	ug/L		100
71) C304	1,3,5-Trimethylbenze	8.38	105	822242	26.66	ug/L		95
72) C306	tert-Butylbenzene	8.65	134	179462	27.09	ug/L		94
73) C307	1,2,4-Trimethylbenze	8.69	105	842630	26.93	ug/L		97
74) C308	sec-Butylbenzene	8.82	105	1069722	26.68	ug/L		95
75) C260	1,3-Dichlorobenzene	8.94	146	471331	25.59	ug/L		98
76) C309	4-Isopropyltoluene	8.94	119	897245	27.00	ug/L		98
77) C267	1,4-Dichlorobenzene	9.02	146	486248	24.73	ug/L		99
78) C249	1,2-Dichlorobenzene	9.33	146	462045	25.41	ug/L		97
79) C310	n-Butylbenzene	9.28	91	855202	27.08	ug/L		97
80) C286	1,2-Dibromo-3-Chloro	10.00	75	47208	23.06	ug/L		81
81) C313	1,2,4-Trichlorobenze	10.65	180	337892	27.36	ug/L		97
82) C316	Hexachlorobutadiene	10.76	225	172388	25.82	ug/L		99
83) C314	Naphthalene	10.87	128	963239	24.54	ug/L		99
84) C934	1,2,3-Trichlorobenze	11.05	180	319484	26.75	ug/L		98

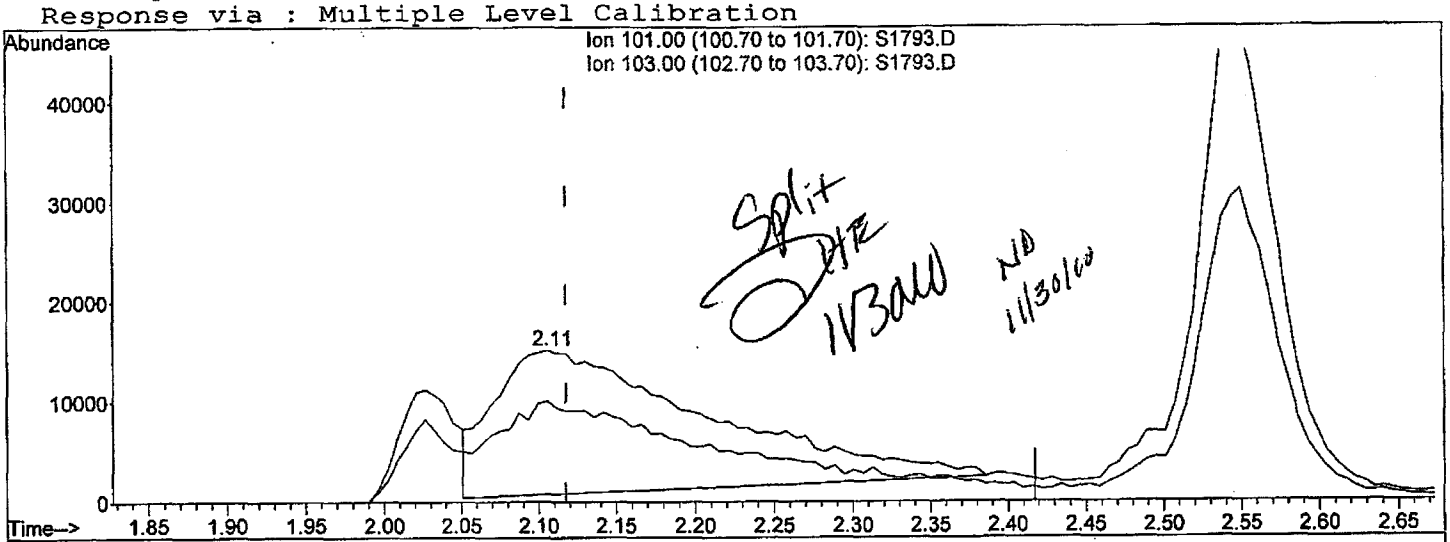
(#) = qualifier out of range (m) = manual integration (+) = signals summed

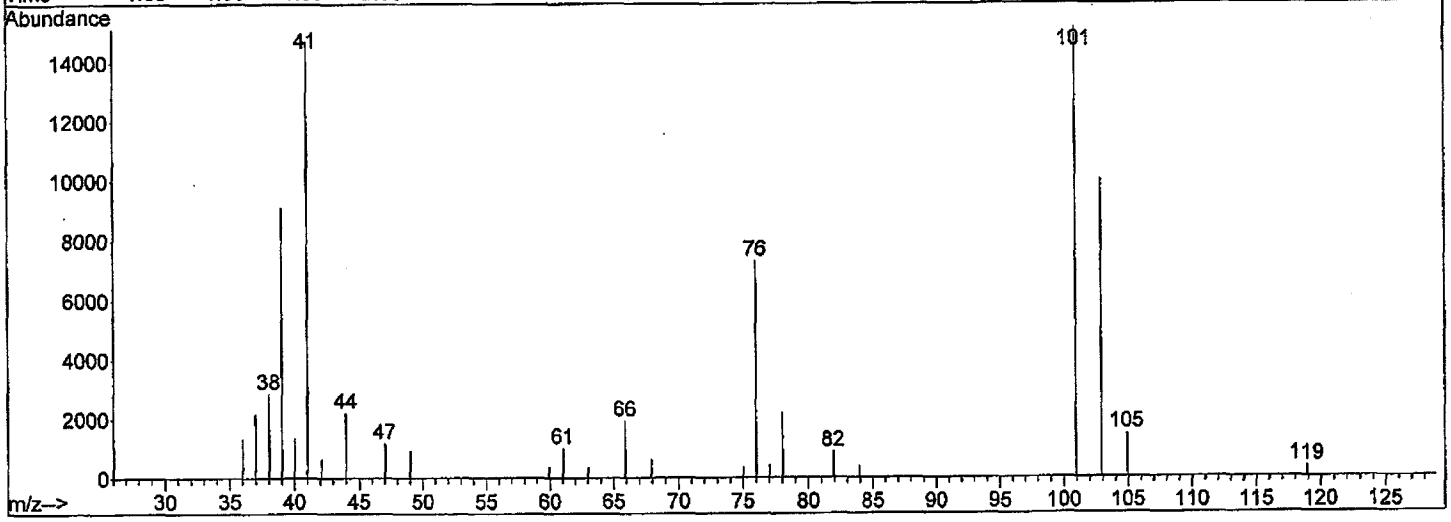
Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\113010\S1793.D
Acq On : 30 Nov 2010 10:08
Sample : T005434-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 10:22:33 2010

Vial: 2
Operator: JRS
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 08:46:07 2010
Response via : Multiple Level Calibration





TIC: S1793.D

(7) C275 Trichlorofluoromethane (T)

2.11min (-0.012) 16.40ug/L

response 136812

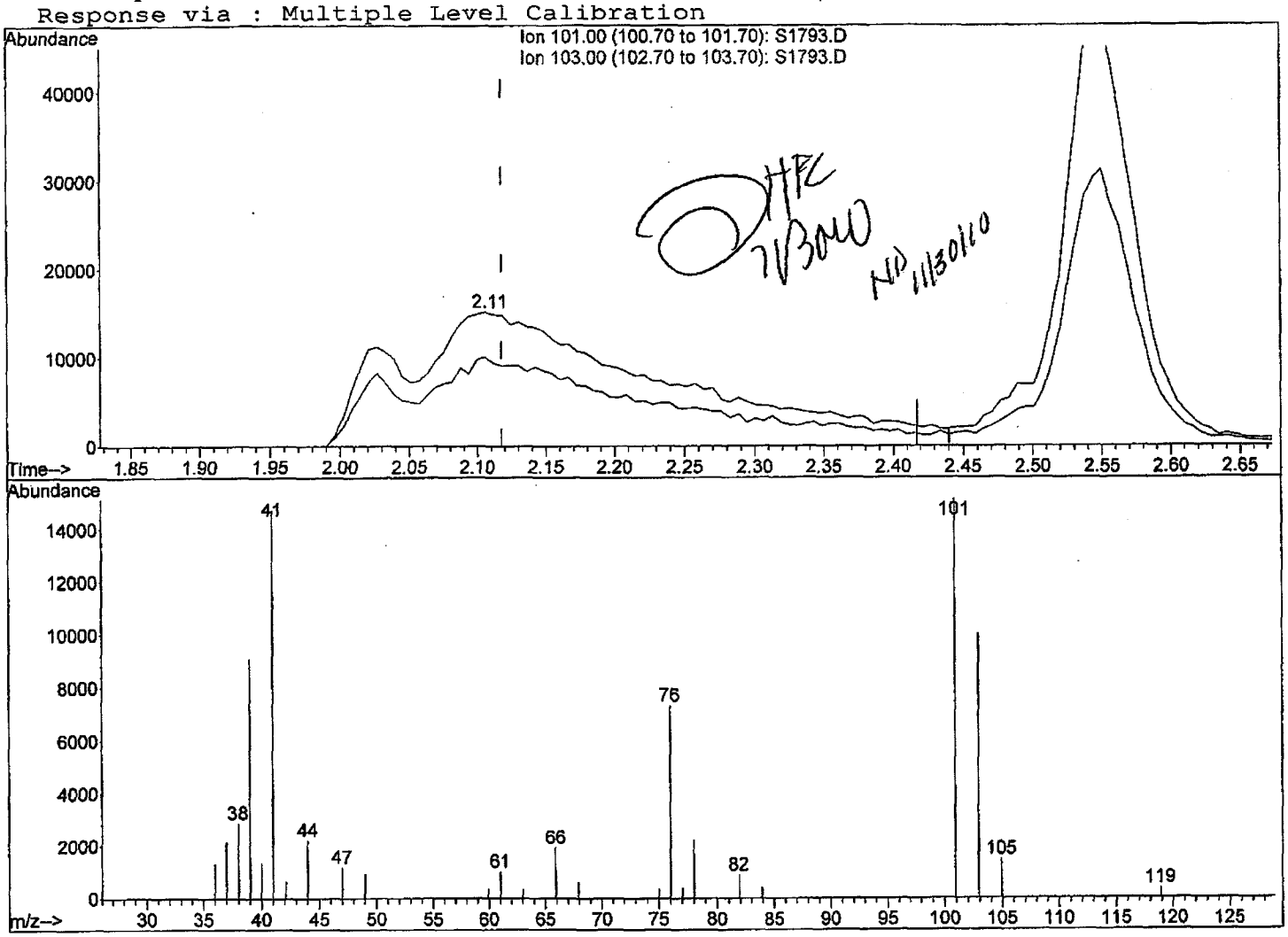
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	66.29
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\113010\S1793.D
Acq On : 30 Nov 2010 10:08
Sample : T005434-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 10:22:33 2010

Vial: 2
Operator: JRS
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 08:46:07 2010
Response via : Multiple Level Calibration



TIC: S1793.D

(7) C275 Trichlorofluoromethane (T)

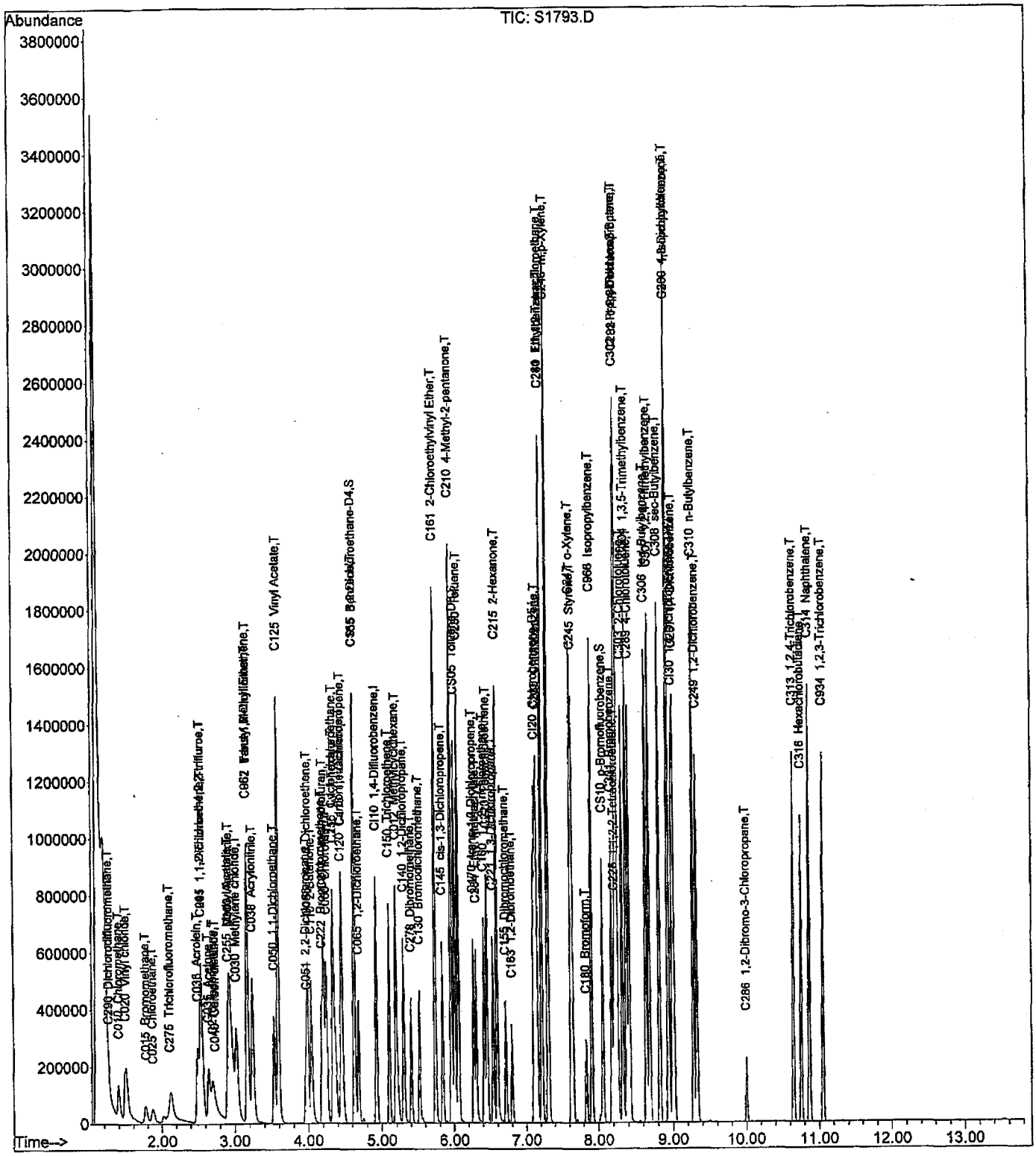
2.11min (-0.012) 24.18ug/L m

response 201658

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	66.29
0.00	0.00	0.00
0.00	0.00	0.00

Data File : D:\MSDChem\S\Data\113010\S1793.D Vial: 2
Acq On : 30 Nov 2010 10:08 Operator: JRS
Sample : T005434-CCV1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 10:22:52 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 08:46:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1794.D	Calibration Date:	11/19/10 22:42
Sequence:	T005434	Injection Date:	11/30/10
Lab Sample ID:	T005434-CCV2	Injection Time:	10:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2,3-Trimethylbenzene	A	25.0	26.3	3.124441	3.284956		5.1	100
1,3,5-Trichlorobenzene	A	25.0	26.2	1.249417	1.307423		4.6	100
1,4-Dioxane	A	1000	991	4.667424E-03	4.624258E-03		-0.9	100
2-Methylthiophene	A	25.0	1.06	2.096088	8.905499E-02		-95.8	100
2-Nitropropane	L0	125	115	0.1700025	0.2097696		-8.2	100
3-Chlorotoluene	A	25.0	26.1	0.8365213	0.8743687		4.5	100
3-Methylthiophene	A	25.0	23.6	2.168309	2.050916		-5.4	100
Allyl chloride	A	25.0	17.9	0.4869757	0.3486317		-28.4	100
Chlorodifluoromethane	L0	25.0	23.0	0.2265334	0.2610087		-8.2	100
Chloroprene	A	25.0	25.9	0.5196695	0.5389124		3.7	100
Cyclohexanone	A	250	416	0.1580379	0.2632565		66.6	100
Dichlorofluoromethane	A	25.0	29.2	0.3667434	0.4288919		16.9	100
Dicyclopentadiene	A	25.0	25.3	3.413925	3.457279		1.3	100
Diethyl ether	A	25.0	25.9	0.3257295	0.3378728		3.7	100
Epichlorohydrin	A	500	506	4.380565E-02	4.428869E-02		1.1	100
Ethyl Acetate	A	25.0	23.2	0.3575393	0.3313496		-7.3	100
Ethyl tert-Butyl Ether	A	25.0	24.7	0.9547909	0.9439269		-1.1	100
Heptane	A	25.0	26.0	0.4990652	0.5195697		4.1	100
Hexane	A	25.0	25.3	0.5125691	0.5178786		1.0	100
Isobutanol	A	1000	1040	2.023165E-02	2.107242E-02		4.2	100
Isopropyl alcohol	A	500	486	2.458395E-02	2.388065E-02		-2.9	100
Isopropyl ether	A	25.0	23.4	1.074669	1.007894		-6.2	100
Methacrylonitrile	A	25.0	23.4	0.2334956	0.2182267		-6.5	100
Methyl Methacrylate	A	25.0	24.7	0.2903652	0.2864524		-1.3	100
m-Monochlorobenzotrifluoride	A	25.0	25.8	1.023322	1.054932		3.1	100
n-Butanol	A	1000	1050	1.435865E-02	1.505466E-02		4.8	100
o-Monochlorobenzotrifluoride	A	25.0	25.7	1.049159	1.079574		2.9	100
Pentachloroethane	A	25.0	31.6	0.343686	0.4349105		26.5	100
p-Monochlorobenzotrifluoride	A	25.0	26.2	0.9903721	1.037897		4.8	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1794.D	Calibration Date:	11/19/10 22:42
Sequence:	T005434	Injection Date:	11/30/10
Lab Sample ID:	T005434-CCV2	Injection Time:	10:29

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Propionitrile	A	250	227	6.499329E-02	5.900126E-02		-9.2	100
Propylene Oxide	A	125	124	8.700981E-02	8.618347E-02		-0.9	100
t-Butanol	A	500	487	4.155732E-02	0.0404476		-2.7	100
Tert-Amyl Methyl Ether	A	25.0	24.9	0.8457457	0.8426733		-0.4	100

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:

A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1794.D Vial: 3
Acq On : 30 Nov 2010 10:29 Operator: JRS
Sample : T005434-CCV2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 30 11:37:47 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

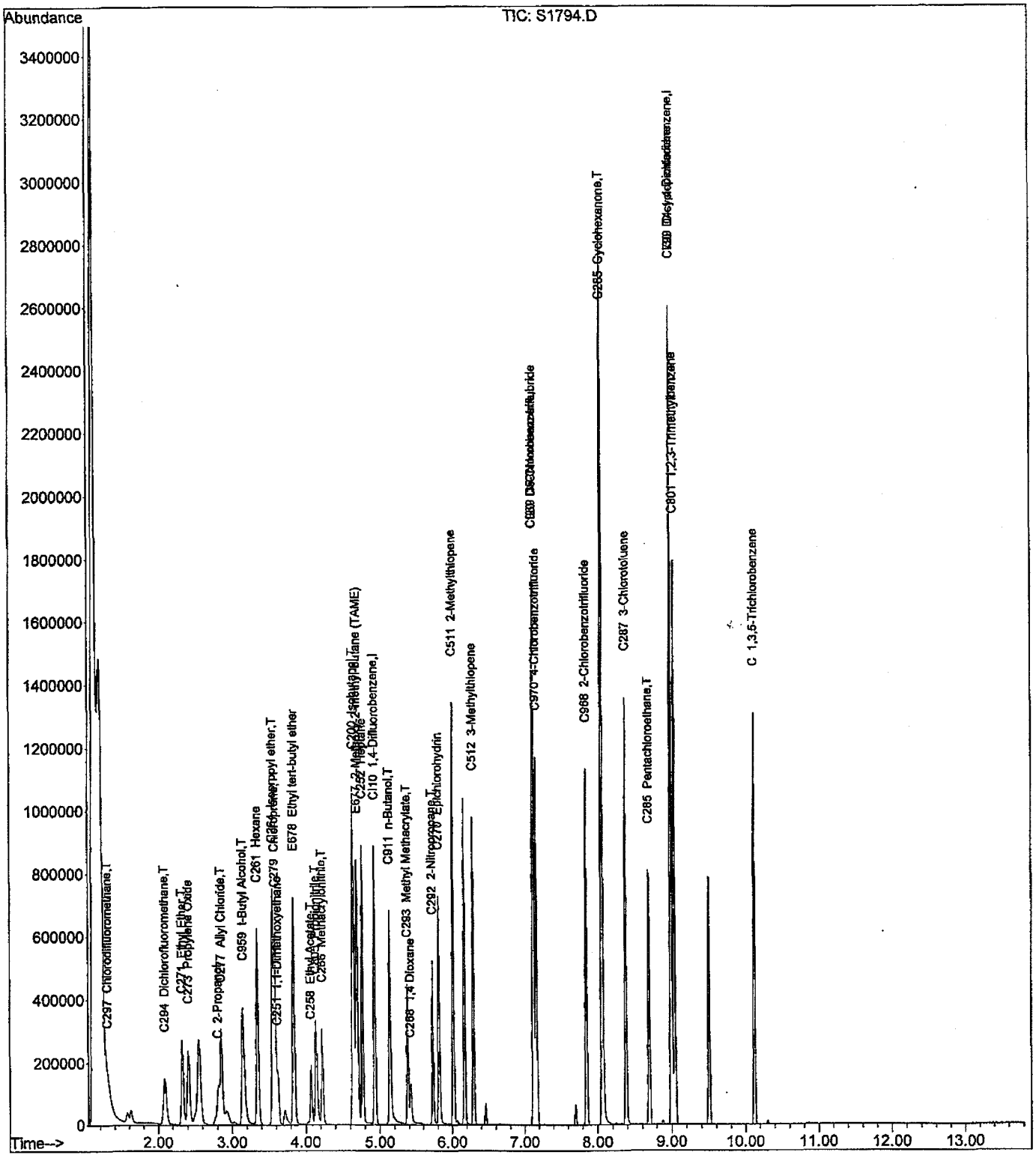
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	568276	25.00	ug/L		0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	499745	25.00	ug/L		0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	272663	25.00	ug/L		0.00 NA%
Target Compounds								Qvalue
2) C297	Chlorodifluoromethan	1.31	51	148325	22.95	ug/L		97
3) C294	Dichlorofluoromethan	2.09	67	243729	29.24	ug/L	#	98
4) C271	Ethyl Ether	2.32	59	192005	25.93	ug/L		95
5) C 2-Propanol		2.81	45	271416	485.70	ug/L	#	94
6) C959	t-Butyl Alcohol	3.15	59	459708	486.65	ug/L		100
7) C277	Allyl Chloride	2.85	41	198119	17.90	ug/L		95
8) C279	Chloroprene	3.58	53	306251	25.93	ug/L		97
9) E678	Ethyl tert-butyl eth	3.84	59	536411	24.72	ug/L		95
10) C305	Propionitrile	4.14	54	335290	226.95	ug/L	#	1
11) C258	Ethyl Acetate	4.07	43	188298	23.17	ug/L		95
12) C266	Methacrylonitrile	4.22	41	124013	23.37	ug/L		92
13) C264	Isopropyl ether	3.55	45	572762	23.45	ug/L		97
14) C200	Isobutanol	4.65	43	478998	1041.56	ug/L	#	97
15) E677	2-Methoxy-2-methyl-b	4.70	73	478871	24.91	ug/L		95
16) C252	Heptane	4.76	43	295259	26.03	ug/L	#	87
17) C911	n-Butanol	5.14	56	342208	1048.47	ug/L		93
18) C293	Methyl Methacrylate	5.38	41	162784	24.66	ug/L	#	80
19) C273	Propylene Oxide	2.41	58	244880	123.81	ug/L	#	75
20) C270	Epichlorohydrin	5.82	57	503364	505.51	ug/L		96
21) C251	1,1-Dimethoxyethane	3.62	75	50219	87.96	ug/L	#	53
22) C261	Hexane	3.34	57	294298	25.26	ug/L		93
24) C268	1,4 Dioxane	5.42	88	92438	990.75	ug/L		87
26) C292	2-Nitropropane	5.73	43	285982	114.76	ug/L		96
27) C511	2-Methylthiopene	6.02	97	24282	1.06	ug/L	#	1
28) C512	3-Methylthiopene	6.29	97	559209	23.65	ug/L		97
29) C969	3-Chlorobenzotrifluo	7.12	180	287641	25.77	ug/L	#	89
30) C970	4-Chlorobenzotrifluo	7.17	180	282996	26.20	ug/L		97
31) C968	2-Chlorobenzotrifluo	7.85	180	294360	25.72	ug/L		96
32) C287	3-Chlorotoluene	8.38	126	238408	26.13	ug/L		100
33) C285	Cyclohexanone	8.06	55	717803	416.45	ug/L		93
34) C799	Dicyclopentadiene	9.00	66	942672	25.32	ug/L		97
35) C801	1,2,3-Trimethylbenze	9.04	105	895686	26.28	ug/L		98
36) C285	Pentachloroethane	8.69	167	118584	31.64	ug/L	#	92
37) C 1,3,5-Trichlorobenzene		10.12	180	356486	26.16	ug/L		99

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1794.D Vial: 3
Acq On : 30 Nov 2010 10:29 Operator: JRS
Sample : T005434-CCV2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P

Quant Time: Nov 30 11:37:47 2010 Results File: R10K091-ADD.RES
Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1822.D	Calibration Date:	11/19/10 22:42
Sequence:	T005455	Injection Date:	11/30/10
Lab Sample ID:	T005455-CCV1	Injection Time:	22:02

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,1,2-Tetrachloroethane	A	25.0	26.6	0.6209583	0.6611267		6.5	100
1,1,1-Trichloroethane	A	25.0	25.6	0.3711968	0.3805445		2.5	100
1,1,2,2-Tetrachloroethane	A	25.0	26.2	0.9035287	0.9483203	0.3	5.0	100
1,1,2-Trichloroethane	A	25.0	25.1	0.5509268	0.5522538		0.2	100
1,1,2-Trichlorotrifluoroethane	A	25.0	22.9	0.3304252	0.3031536		-8.3	100
1,1-Dichloroethane	A	25.0	23.6	0.5980372	0.5635246	0.1	-5.8	100
1,1-Dichloroethene	A	25.0	24.2	0.3506067	0.3386512		-3.4	20
1,1-Dichloropropene	A	25.0	24.4	0.4616824	0.4508872		-2.3	100
1,2,3-Trichlorobenzene	A	25.0	25.8	1.098419	1.134481		3.3	100
1,2,3-Trichloropropane	A	25.0	26.2	0.2710964	0.2842281		4.8	100
1,2,4-Trichlorobenzene	A	25.0	26.9	1.135607	1.22348		7.7	100
1,2,4-Trimethylbenzene	A	25.0	26.7	2.877615	3.073351		6.8	100
1,2-Dibromo-3-chloropropane	L0	25.0	22.6	0.1466665	0.1700976		-9.6	100
1,2-Dibromoethane (EDB)	A	25.0	26.1	0.6383883	0.6672943		4.5	100
1,2-Dichlorobenzene	A	25.0	25.0	1.672431	1.671628		-0.05	100
1,2-Dichloroethane	A	25.0	25.1	0.4704109	0.4722481		0.4	100
1,2-Dichloroethane-d4	L0	25.0	28.0	0.432891	0.3937824		12.1	100
1,2-Dichloroethene, Total	A	50.0	48.6	0.3603169	0.3506415		-2.7	100
1,2-Dichloropropane	A	25.0	23.2	0.3484269	0.3237788		-7.1	20
1,3,5-Trimethylbenzene	A	25.0	26.6	2.836168	3.019441		6.5	100
1,3-Dichlorobenzene	A	25.0	25.2	1.693604	1.706206		0.7	100
1,3-Dichloropropane	A	25.0	24.8	1.13973	1.132294		-0.7	100
1,3-Dichloropropene, Total	L0	50.0	45.4	0.4479611	0.469482		-9.1	100
1,4-Dichlorobenzene	A	25.0	24.5	1.807887	1.769818		-2.1	100
2,2-Dichloropropane	A	25.0	23.9	0.1939892	0.1851552		-4.6	100
2-Butanone (MEK)	A	125	118	0.1991222	0.1885077		-5.3	100
2-Chloroethyl vinyl ether	A	125	122	0.2251797	0.2201937		-2.2	100
2-Chlorotoluene	A	25.0	25.7	0.809252	0.8333316		3.0	100
2-Hexanone	A	125	135	0.5308484	0.5727459		7.9	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1822.D	Calibration Date:	11/19/10 22:42
Sequence:	T005455	Injection Date:	11/30/10
Lab Sample ID:	T005455-CCV1	Injection Time:	22:02

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
4-Bromofluorobenzene	LO	25.0	26.1	0.8728563	0.7883683		4.5	100
4-Chlorotoluene	A	25.0	26.0	0.8269978	0.8607005		4.1	100
4-Isopropyltoluene	A	25.0	26.8	3.055449	3.27408		7.2	100
4-Methyl-2-pentanone (MIBK)	A	125	130	0.7528827	0.783721		4.1	100
Acetone	A	125	120	0.1282776	0.1234839		-3.7	100
Acetonitrile	A	1000	894	5.297725E-02	4.736919E-02		-10.6	100
Acrolein	A	500	413	2.732248E-02	0.0225482		-17.5	100
Acrylonitrile	A	125	115	0.1640078	0.1509102		-8.0	100
Benzene	A	25.0	23.7	1.462183	1.385138		-5.3	100
Bromobenzene	A	25.0	25.9	0.8336343	0.8646473		3.7	100
Bromochloromethane	A	25.0	24.7	0.1789219	0.1767698		-1.2	100
Bromodichloromethane	LO	25.0	23.4	0.3824257	0.4086451		-6.2	100
Bromoform	LO	25.0	21.2	0.3458392	0.3951508	0.1	-15.0	100
Bromomethane	A	25.0	19.8	0.1112842	8.831451E-02		-20.6	100
Carbon disulfide	LO	25.0	19.8	0.6212691	0.6186382		-20.9	100
Carbon Tetrachloride	A	25.0	25.0	0.3840031	0.3848388		0.2	100
Chlorobenzene	A	25.0	24.3	2.0251	1.970844	0.3	-2.7	100
Chlorodibromomethane	LO	25.0	23.4	0.5592684	0.6294343		-6.6	100
Chloroethane	A	25.0	23.9	0.1768718	0.169344		-4.3	100
Chloroform	A	25.0	24.3	0.601759	0.5847448		-2.8	20
Chloromethane	A	25.0	22.3	0.3524915	0.3149616	0.1	-10.6	100
cis-1,2-Dichloroethene	A	25.0	24.8	0.369286	0.3664191		-0.8	100
cis-1,3-Dichloropropene	LO	25.0	22.4	0.4722086	0.4905302		-10.4	100
Cyclohexane	A	25.0	21.9	0.6003709	0.5255528		-12.5	100
Dibromomethane	A	25.0	24.6	0.2104618	0.2072774		-1.5	100
Dichlorodifluoromethane	A	25.0	22.1	0.3092444	0.2739207		-11.4	100
Ethyl Methacrylate	LO	25.0	24.0	0.8772434	0.9979363		-4.2	100
Ethylbenzene	A	25.0	25.1	3.418529	3.428021		0.3	20
Hexachlorobutadiene	A	25.0	25.0	0.6140787	0.6150755		0.2	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1822.D	Calibration Date:	11/19/10 22:42
Sequence:	T005455	Injection Date:	11/30/10
Lab Sample ID:	T005455-CCV1	Injection Time:	22:02

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Iodomethane	A	25.0	22.6	0.3599543	0.3257828		-9.5	100
Isopropylbenzene	A	25.0	26.8	3.288287	3.525872		7.2	100
Methyl Acetate	A	25.0	22.6	0.4252046	0.3850883		-9.4	100
Methyl tert-Butyl Ether	A	25.0	25.5	0.9086559	0.9274055		2.1	100
Methylcyclohexane	A	25.0	23.1	0.6139093	0.5667441		-7.7	100
Methylene Chloride	L0	25.0	24.8	0.4130333	0.3478778		-1.0	100
m-Xylene & p-Xylene	A	50.0	50.5	1.310731	1.324052		1.0	100
Naphthalene	L0	25.0	23.8	3.011566	3.441797		-4.7	100
n-Butylbenzene	A	25.0	26.6	2.904573	3.090691		6.4	100
n-Propylbenzene	A	25.0	26.2	4.139546	4.334304		4.7	100
o-Xylene	A	25.0	25.8	1.237218	1.278544		3.3	100
sec-Butylbenzene	A	25.0	26.5	3.68737	3.9116		6.1	100
Styrene	A	25.0	26.1	2.06903	2.161808		4.5	100
tert-Butylbenzene	A	25.0	26.9	0.6093081	0.6545777		7.4	100
Tetrachloroethene	A	25.0	24.5	0.7769742	0.7627029		-1.8	100
Tetrahydrofuran	A	125	119	0.1259707	0.1194817		-5.2	100
Toluene	A	25.0	24.6	1.862062	1.83061		-1.7	20
Toluene-d8	L0	25.0	29.4	2.688287	2.619588		17.6	100
trans-1,2-Dichloroethene	A	25.0	23.8	0.3513478	0.3348639		-4.7	100
trans-1,3-Dichloropropene	L0	25.0	23.0	0.8531757	0.939329		-7.9	100
trans-1,4-Dichloro-2-butene	A	125	118	0.129763	0.1228121		-5.4	100
Trichloroethene	A	25.0	23.6	0.3636819	0.342608		-5.8	100
Trichlorofluoromethane	L0	25.0	22.1	0.3249631	0.3255957		-11.4	100
Vinyl acetate	A	125	130	0.6356878	0.6604065		3.9	100
Vinyl chloride	A	25.0	24.9	0.3389797	0.3370646		-0.6	20
Xylenes, total	A	75.0	76.4	1.286227	1.308883		1.8	100

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:

A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1822.D Vial: 2
Acq On : 30 Nov 2010 22:02 Operator: NMD
Sample : T005455-CCV1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 22:54:09 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 20:59:53 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	625254	25.00	ug/L	0.00 110.23%
42) CI20	Chlorobenzene-D5	7.13	82	298495	25.00	ug/L	0.00 109.38%
62) CI30	1,4-Dichlorobenzene-	9.00	152	293655	25.00	ug/L	0.00 108.02%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.63	65	246214	28.03	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	112.12%	
43) CS05	Toluene-D8	6.02	98	781934	29.39	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	117.56%	
61) CS10	p-Bromofluorobenzene	8.07	174	235324	26.13	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	104.52%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorometh	1.28	85	171270	22.14	ug/L #	100
3) C010	Chloromethane	1.40	50	196931	22.34	ug/L	99
4) C020	Vinyl chloride	1.51	62	210751	24.86	ug/L	87
5) C015	Bromomethane	1.77	94	55219	19.84	ug/L	85
6) C025	Chloroethane	1.88	64	105883	23.94	ug/L	90
7) C275	Trichlorofluorometha	2.12	101	203580m	22.14	ug/L	99
8) C045	1,1-Dichloroethene	2.56	96	211743	24.15	ug/L	88
9) C030	Methylene chloride	3.03	84	217512	24.76	ug/L	85
10) C040	Carbon disulfide	2.76	76	386806	19.77	ug/L	99
11) C036	Acrolein	2.50	56	281967	412.63	ug/L	95
12) C038	Acrylonitrile	3.24	53	471786	115.02	ug/L	92
13) C035	Acetone	2.65	43	386044	120.33	ug/L	97
14) C300	Acetonitrile	2.93	41	1184711	894.14	ug/L	99
15) C276	Iodomethane	2.71	142	203697	22.63	ug/L	97
16) C291	1,1,2-Trichloro-1,2,	2.55	101	189548	22.94	ug/L	91
17) C962	T-butyl Methyl Ether	3.17	73	579864	25.52	ug/L	98
18) C057	trans-1,2-Dichloroet	3.18	96	209375	23.83	ug/L	95
19) C255	Methyl Acetate	2.90	43	240778	22.64	ug/L #	89
20) C050	1,1-Dichloroethane	3.54	63	352346	23.56	ug/L	100
21) C125	Vinyl Acetate	3.59	43	2064609	129.86	ug/L	93
22) C051	2,2-Dichloropropane	3.97	77	115769	23.86	ug/L	98
23) C056	cis-1,2-Dichloroethe	4.00	96	229105	24.81	ug/L	94
24) C272	Tetrahydrofuran	4.22	42	373532	118.56	ug/L	78
25) C222	Bromochloromethane	4.19	128	110526	24.70	ug/L	89
26) C060	Chloroform	4.25	83	365614	24.29	ug/L	100
27) C115	1,1,1-Trichloroethan	4.34	97	237937	25.63	ug/L	97
28) C120	Carbon tetrachloride	4.45	117	240622	25.05	ug/L	99
29) C116	1,1-Dichloropropene	4.47	75	281919	24.42	ug/L	97
31) C165	Benzene	4.64	78	866063	23.68	ug/L	99
32) C065	1,2-Dichloroethane	4.69	62	295275	25.10	ug/L	99
33) C110	2-Butanone	4.05	43	589326	118.34	ug/L	87
34) C256	Cyclohexane	4.34	56	328604	21.88	ug/L	92
35) C150	Trichloroethene	5.11	95	214217	23.55	ug/L	97
36) C140	1,2-Dichloropropane	5.31	63	202444	23.23	ug/L	99
37) C278	Dibromomethane	5.41	93	129601	24.62	ug/L	93
38) C130	Bromodichloromethane	5.52	83	255507	23.45	ug/L	98
39) C161	2-Chloroethylvinyl E	5.74	63	688385	122.23	ug/L	90

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1822.D Vial: 2
Acq On : 30 Nov 2010 22:02 Operator: NMD
Sample : T005455-CCV1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 22:54:09 2010 Results File: R10K091-SIXPT.RES

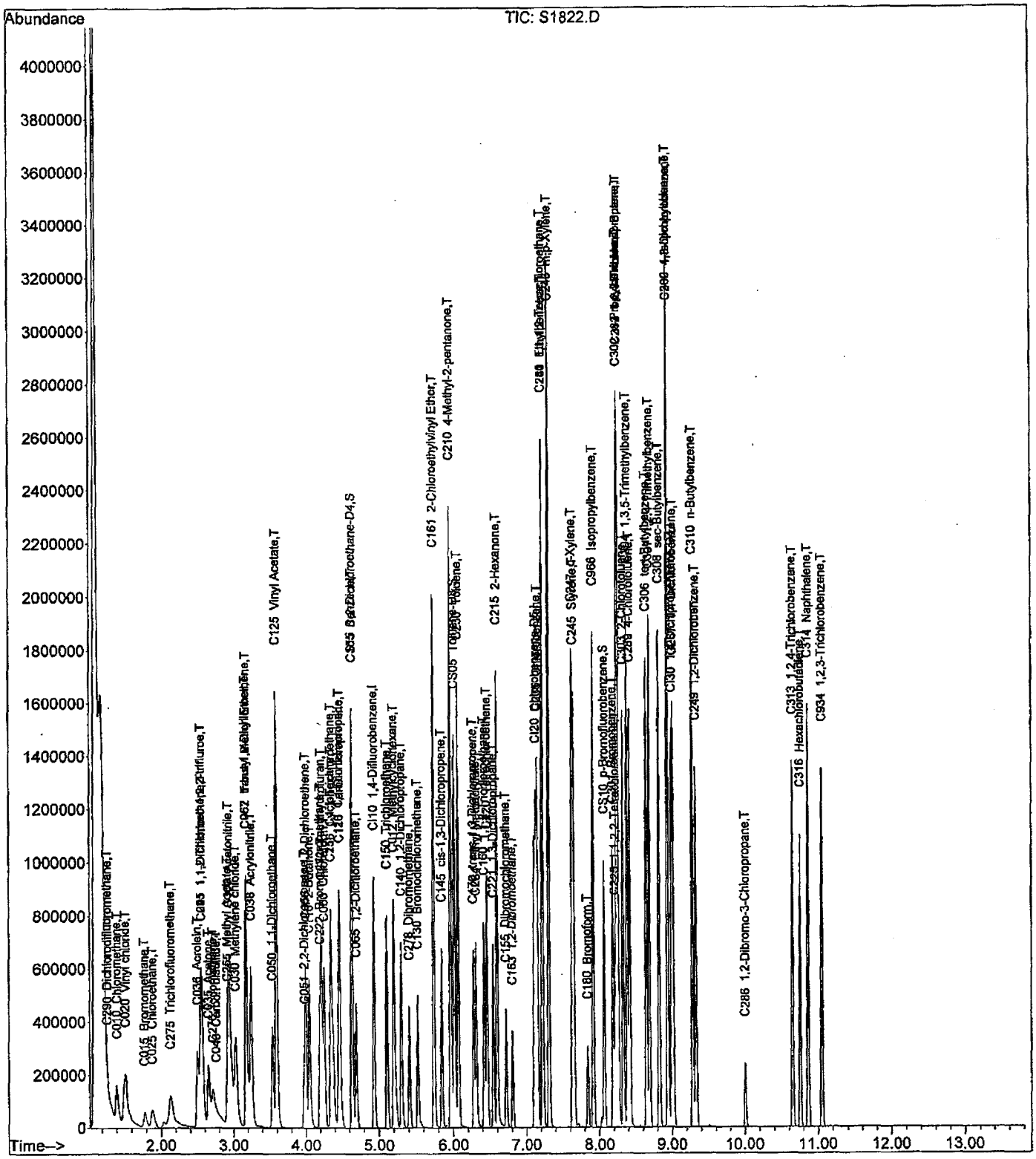
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 20:59:53 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1793.D (30 Nov 2010 10:08)

Internal Standards			R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	5.20	83	354359	23.08	ug/L		95
41)	C145	cis-1,3-Dichloroprop	5.85	75	306706	22.40	ug/L		99
44)	C230	Toluene	6.07	92	546428	24.58	ug/L		93
45)	C170	trans-1,3-Dichloropr	6.27	75	280385	23.03	ug/L		96
46)	C284	Ethyl Methacrylate	6.31	69	297879	23.96	ug/L	#	86
47)	C160	1,1,2-Trichloroethan	6.42	83	164845	25.06	ug/L		99
48)	C210	4-Methyl-2-pentanone	5.96	43	1169684	130.12	ug/L		90
49)	C220	Tetrachloroethene	6.46	166	227663	24.54	ug/L		98
50)	C221	1,3-Dichloropropane	6.55	76	337984	24.84	ug/L		98
51)	C155	Dibromochloromethane	6.72	129	187883	23.36	ug/L		100
52)	C163	1,2-Dibromoethane	6.80	107	199184	26.13	ug/L		98
53)	C215	2-Hexanone	6.60	43	854809	134.87	ug/L		88
54)	C235	Chlorobenzene	7.16	112	588287	24.33	ug/L		100
55)	C281	1,1,1,2-Tetrachloroe	7.23	131	197343	26.62	ug/L		98
56)	C240	Ethylbenzene	7.22	91	1023247	25.07	ug/L		99
57)	C246	m,p-Xylene	7.31	106	790446	50.51	ug/L		99
58)	C247	o-Xylene	7.63	106	381639	25.84	ug/L		97
59)	C245	Styrene	7.65	104	645289	26.12	ug/L		92
60)	C180	Bromoform	7.84	173	116038	21.24	ug/L		98
63)	C966	Isopropylbenzene	7.92	105	1035390	26.81	ug/L		97
64)	C301	Bromobenzene	8.19	156	253908	25.93	ug/L		97
65)	C225	1,1,2,2-Tetrachloroe	8.22	83	278479	26.24	ug/L		99
66)	C282	1,2,3-Trichloropropa	8.26	110	83465	26.21	ug/L		100
67)	C283	t-1,4-Dichloro-2-But	8.26	51	180322	118.30	ug/L	#	68
68)	C302	n-Propylbenzene	8.24	91	1272790	26.18	ug/L		96
69)	C303	2-Chlorotoluene	8.33	126	244712	25.74	ug/L		100
70)	C289	4-Chlorotoluene	8.42	126	252749	26.02	ug/L		100
71)	C304	1,3,5-Trimethylbenze	8.38	105	886674	26.62	ug/L		95
72)	C306	tert-Butylbenzene	8.65	134	192220	26.86	ug/L		91
73)	C307	1,2,4-Trimethylbenze	8.69	105	902505	26.70	ug/L		99
74)	C308	sec-Butylbenzene	8.83	105	1148661	26.52	ug/L		98
75)	C260	1,3-Dichlorobenzene	8.94	146	501036	25.19	ug/L		100
76)	C309	4-Isopropyltoluene	8.94	119	961450	26.79	ug/L		98
77)	C267	1,4-Dichlorobenzene	9.02	146	519716	24.47	ug/L		97
78)	C249	1,2-Dichlorobenzene	9.33	146	490882	24.99	ug/L		99
79)	C310	n-Butylbenzene	9.28	91	907597	26.60	ug/L		97
80)	C286	1,2-Dibromo-3-Chloro	10.00	75	49950	22.59	ug/L		80
81)	C313	1,2,4-Trichlorobenze	10.65	180	359281	26.93	ug/L		97
82)	C316	Hexachlorobutadiene	10.76	225	180620	25.04	ug/L		98
83)	C314	Naphthalene	10.87	128	1010701	23.83	ug/L		99
84)	C934	1,2,3-Trichlorobenze	11.05	180	333146	25.82	ug/L		98

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

Data File : D:\MSDCHEM\S\DATA\113010\S1822.D Vial: 2
Acq On : 30 Nov 2010 22:02 Operator: NMD
Sample : T005455-CCV1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 22:54:09 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 20:59:53 2010
Response via : Initial Calibration
DataAcq Meth : VOA

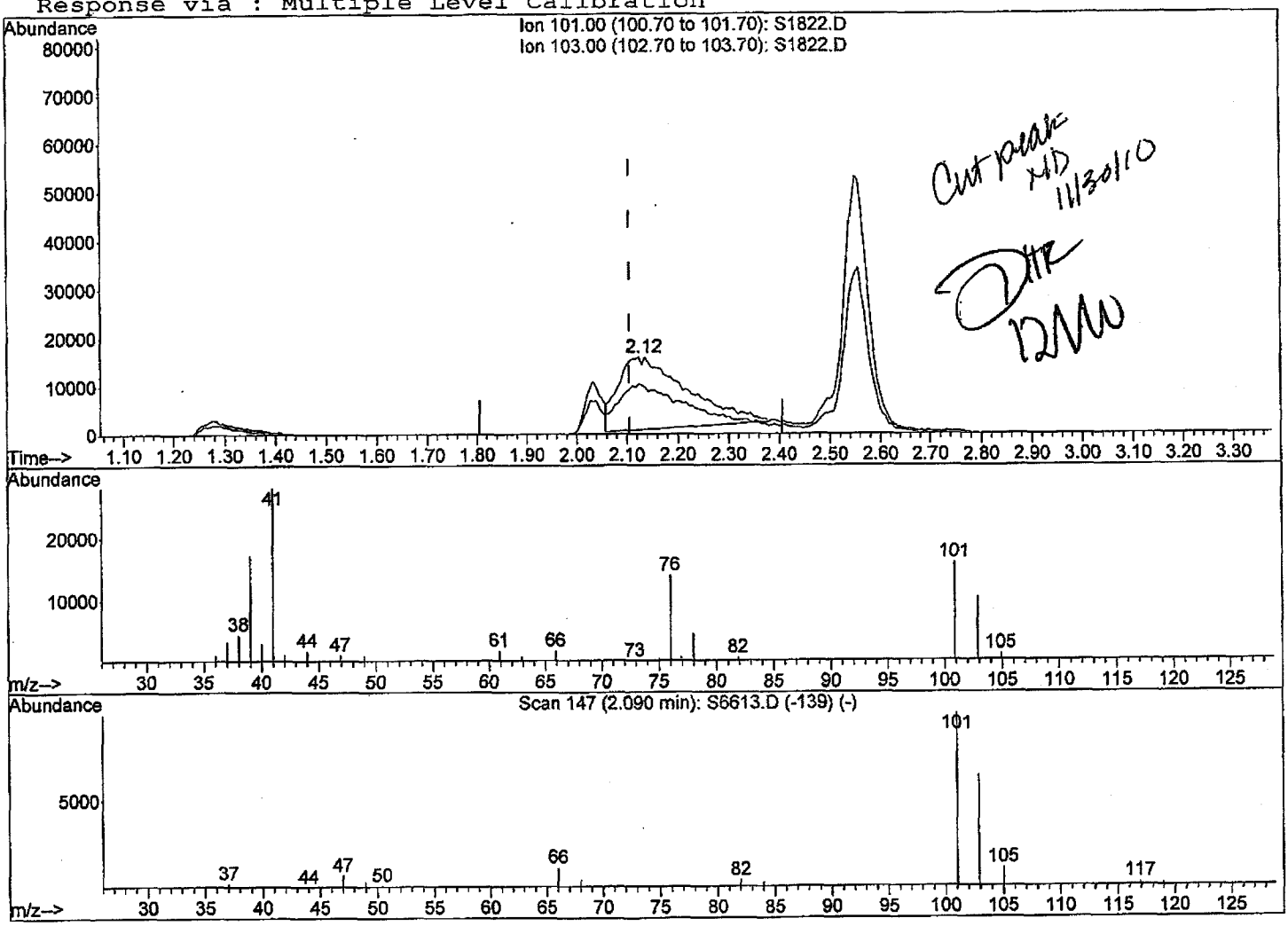


Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\113010\S1822.D
Acq On : 30 Nov 2010 22:02
Sample : T005455-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 22:53:43 2010

Vial: 2
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 20:59:53 2010
Response via : Multiple Level Calibration



Cut peaks NMD 11/30/10

TIC: S1822.D

(7) C275 Trichlorofluoromethane (T)

2.12min (+0.018) 15.31ug/L

response 140775

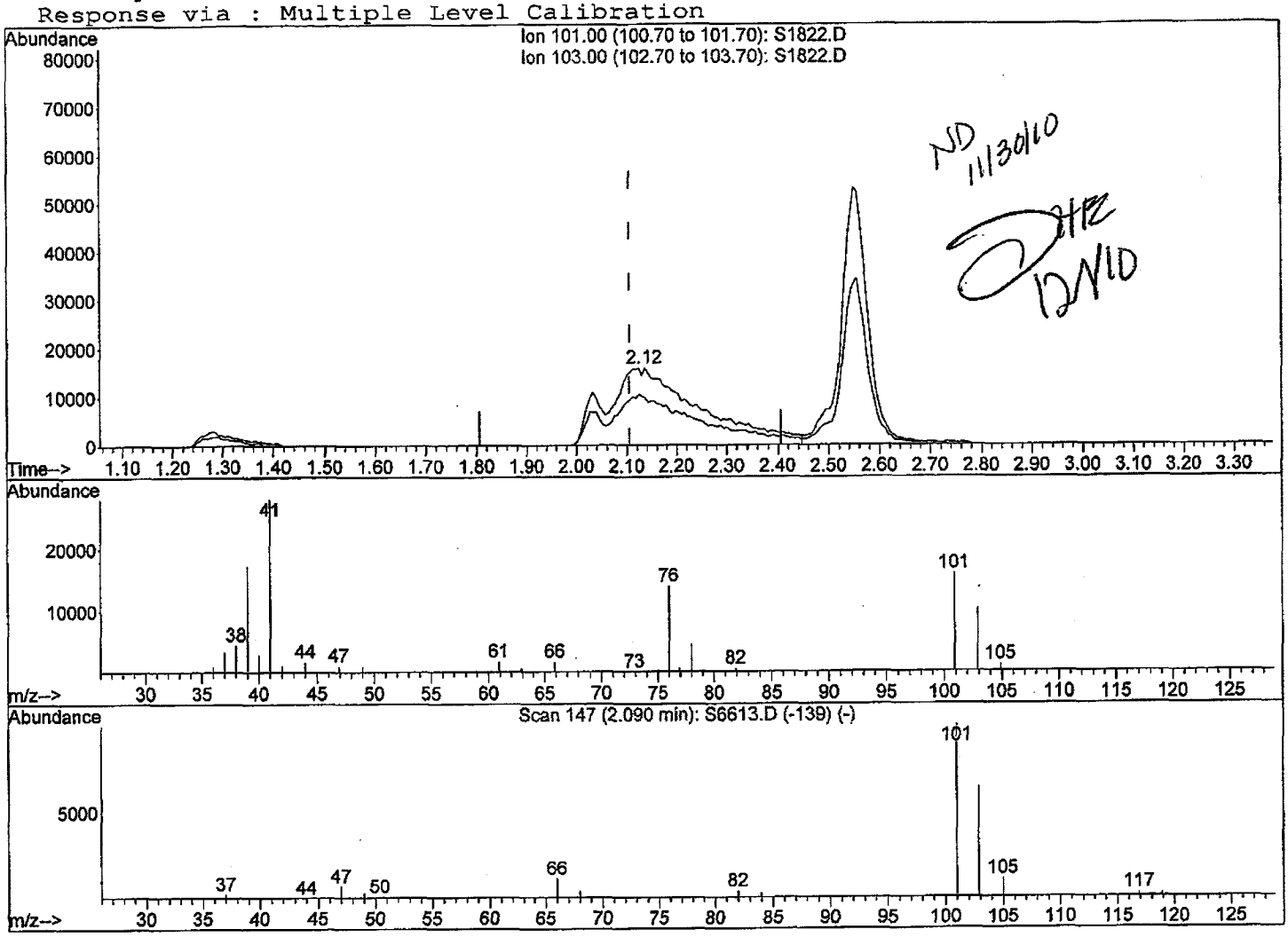
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	65.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDCHEM\S\DATA\113010\S1822.D
Acq On : 30 Nov 2010 22:02
Sample : T005455-CCV1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 22:53:43 2010

Vial: 2
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 20:59:53 2010
Response via : Multiple Level Calibration



TIC: S1822.D

(7) C275 Trichlorofluoromethane (T)

2.12min (+0.018) 22.14ug/L m

response 203580

Ion	Exp%	Act%
101.00	100	100
103.00	64.90	65.34
0.00	0.00	0.00
0.00	0.00	0.00

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1823.D	Calibration Date:	11/19/10 22:42
Sequence:	T005455	Injection Date:	11/30/10
Lab Sample ID:	T005455-CCV2	Injection Time:	22:23

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,2,3-Trimethylbenzene	A	25.0	26.1	3.124441	3.266841		4.6	100
1,3,5-Trichlorobenzene	A	25.0	25.9	1.249417	1.296586		3.8	100
1,4-Dioxane	A	1000	1020	4.667424E-03	4.769985E-03		2.2	100
2-Methylthiophene	A	25.0	1.08	2.096088	9.093724E-02		-95.7	100
2-Nitropropane	L0	125	112	0.1700025	0.2049891		-10.3	100
3-Chlorotoluene	A	25.0	26.2	0.8365213	0.8762654		4.8	100
3-Methylthiophene	A	25.0	23.6	2.168309	2.04522		-5.7	100
Allyl chloride	A	25.0	17.3	0.4869757	0.3376943		-30.7	100
Chlorodifluoromethane	L0	25.0	19.5	0.2265334	0.2219704		-21.9	100
Chloroprene	A	25.0	24.7	0.5196695	0.5139277		-1.1	100
Cyclohexanone	A	250	363	0.1580379	0.2295761		45.3	100
Dichlorofluoromethane	A	25.0	23.5	0.3667434	0.3446505		-6.0	100
Dicyclopentadiene	A	25.0	24.6	3.413925	3.356213		-1.7	100
Diethyl ether	A	25.0	25.4	0.3257295	0.3311433		1.7	100
Epichlorohydrin	A	500	497	4.380565E-02	4.357769E-02		-0.5	100
Ethyl Acetate	A	25.0	22.6	0.3575393	0.322912		-9.7	100
Ethyl tert-Butyl Ether	A	25.0	25.0	0.9547909	0.9553074		0.05	100
Heptane	A	25.0	23.9	0.4990652	0.4772484		-4.4	100
Hexane	A	25.0	24.0	0.5125691	0.4918561		-4.0	100
Isobutanol	A	1000	943	2.023165E-02	1.908507E-02		-5.7	100
Isopropyl alcohol	A	500	460	2.458395E-02	2.261877E-02		-8.0	100
Isopropyl ether	A	25.0	23.1	1.074669	0.9921084		-7.7	100
Methacrylonitrile	A	25.0	22.8	0.2334956	0.2126276		-8.9	100
Methyl Methacrylate	A	25.0	24.9	0.2903652	0.2897229		-0.2	100
m-Monochlorobenzotrifluoride	A	25.0	26.1	1.023322	1.06654		4.2	100
n-Butanol	A	1000	958	1.435865E-02	1.375412E-02		-4.2	100
o-Monochlorobenzotrifluoride	A	25.0	25.5	1.049159	1.070461		2.0	100
Pentachloroethane	A	25.0	30.6	0.343686	0.4203172		22.3	100
p-Monochlorobenzotrifluoride	A	25.0	26.2	0.9903721	1.035786		4.6	100

Form 7

CONTINUING CALIBRATION CHECK

8260B

Laboratory:	TestAmerica Buffalo	SDG:	RTK1380
Client:	HRP Engineering, PC	Project:	710 Ohio Street, Buffalo, NY
Instrument ID:	HP5973S	Calibration:	R10K091
Lab File ID:	S1823.D	Calibration Date:	11/19/10 22:42
Sequence:	T005455	Injection Date:	11/30/10
Lab Sample ID:	T005455-CCV2	Injection Time:	22:23

		CONC. (ug/L)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Propionitrile	A	250	222	6.499329E-02	5.761815E-02		-11.3	100
Propylene Oxide	A	125	120	8.700981E-02	8.344964E-02		-4.1	100
t-Butanol	A	500	472	4.155732E-02	3.921758E-02		-5.6	100
Tert-Amyl Methyl Ether	A	25.0	26.2	0.8457457	0.8880834		5.0	100

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Calibration Type Legend:

A: Average RF
L: Linear through Intercept
Q: Quadratic
L0: Linear forced through Zero
L1: 1/x Weighted Linear through Intercept
L2: 1/x2 Weighted Linear through Intercept
L01: 1/x Weighted Linear forced through Zero
L02: 1/x2 Weighted Linear forced through Zero

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1823.D Vial: 3
Acq On : 30 Nov 2010 22:23 Operator: NMD
Sample : T005455-CCV2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 30 22:55:08 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

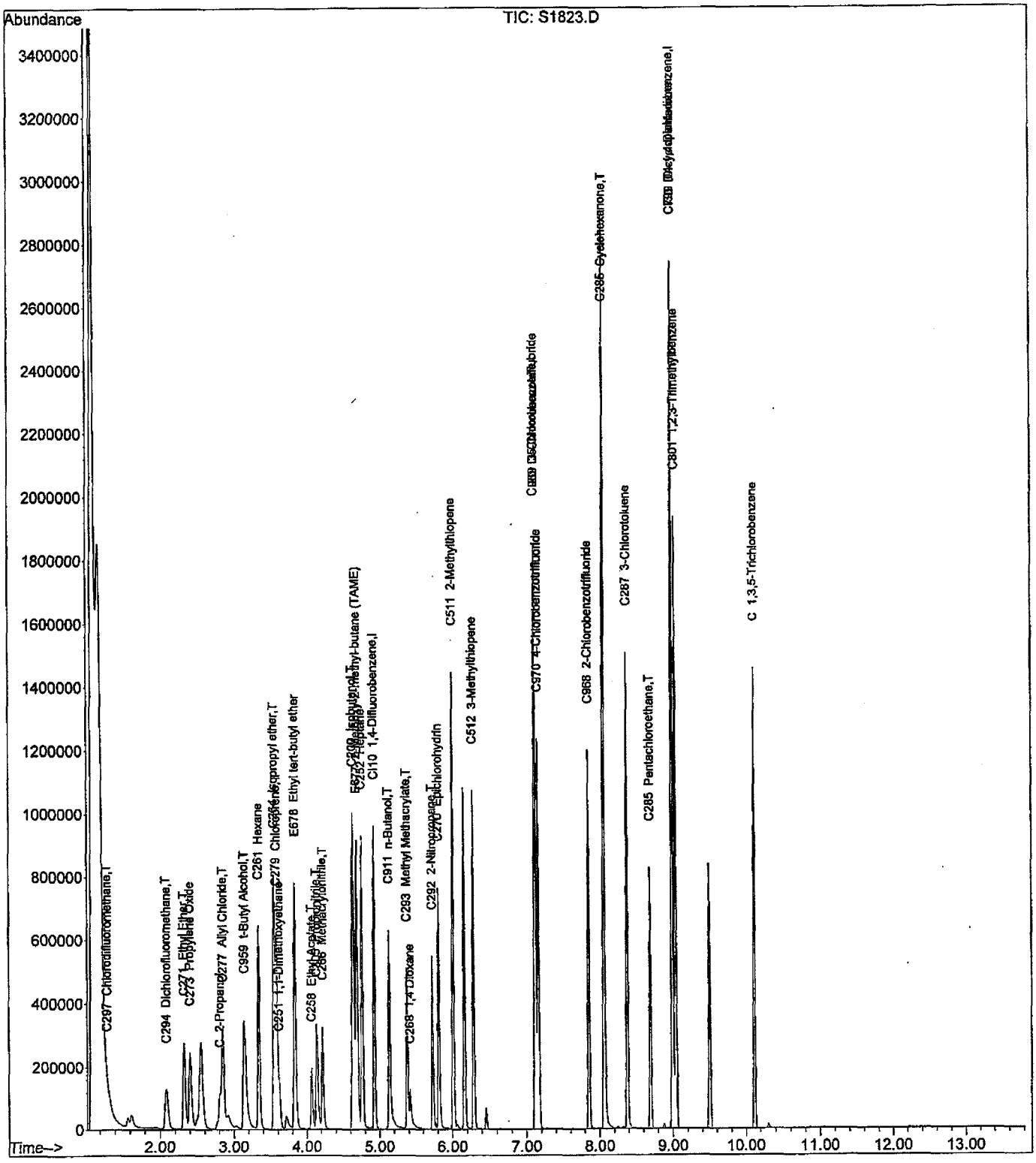
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	624331	25.00	ug/L		0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	549226	25.00	ug/L		0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	297128	25.00	ug/L		0.00 NA%
Target Compounds								Qvalue
2) C297	Chlorodifluoromethan	1.31	51	138583	19.52	ug/L		98
3) C294	Dichlorofluoromethan	2.09	67	215176	23.49	ug/L	#	98
4) C271	Ethyl Ether	2.32	59	206743	25.42	ug/L		95
5) C 2-Propanol		2.81	45	282432	460.03	ug/L	#	90
6) C959	t-Butyl Alcohol	3.15	59	489695	471.85	ug/L		100
7) C277	Allyl Chloride	2.85	41	210833	17.34	ug/L		95
8) C279	Chloroprene	3.58	53	320861	24.72	ug/L		94
9) E678	Ethyl tert-butyl eth	3.83	59	596428	25.01	ug/L		94
10) C305	Propionitrile	4.14	54	359728	221.63	ug/L	#	1
11) C258	Ethyl Acetate	4.07	43	201604	22.58	ug/L		95
12) C266	Methacrylonitrile	4.22	41	132750	22.77	ug/L		89
13) C264	Isopropyl ether	3.55	45	619404	23.08	ug/L		95
14) C200	Isobutanol	4.65	43	476616	943.33	ug/L	#	95
15) E677	2-Methoxy-2-methyl-b	4.70	73	554458	26.25	ug/L		99
16) C252	Heptane	4.76	43	297961	23.91	ug/L	#	83
17) C911	n-Butanol	5.14	56	343485	957.90	ug/L		94
18) C293	Methyl Methacrylate	5.38	41	180883	24.94	ug/L	#	78
19) C273	Propylene Oxide	2.40	58	260501	119.89	ug/L	#	74
20) C270	Epichlorohydrin	5.82	57	544138	497.40	ug/L		96
21) C251	1,1-Dimethoxyethane	3.62	75	53040	84.96	ug/L	#	49
22) C261	Hexane	3.34	57	307081	23.99	ug/L		93
24) C268	1,4 Dioxane	5.42	88	104792	1021.97	ug/L		86
26) C292	2-Nitropropane	5.73	43	304540	112.14	ug/L		98
27) C511	2-Methylthiopene	6.02	97	27020	1.08	ug/L	#	1
28) C512	3-Methylthiopene	6.29	97	607692	23.58	ug/L	#	96
29) C969	3-Chlorobenzotrifluo	7.12	180	316899	26.06	ug/L	#	89
30) C970	4-Chlorobenzotrifluo	7.17	180	307761	26.15	ug/L		97
31) C968	2-Chlorobenzotrifluo	7.85	180	318064	25.51	ug/L		96
32) C287	3-Chlorotoluene	8.38	126	260363	26.19	ug/L		100
33) C285	Cyclohexanone	8.06	55	682135	363.17	ug/L		91
34) C799	Dicyclopentadiene	9.00	66	997225	24.58	ug/L		96
35) C801	1,2,3-Trimethylbenze	9.04	105	970670	26.14	ug/L		98
36) C285	Pentachloroethane	8.70	167	124888	30.57	ug/L	#	90
37) C 1,3,5-Trichlorobenzene		10.12	180	385252	25.94	ug/L		99

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1823.D Vial: 3
Acq On : 30 Nov 2010 22:23 Operator: NMD
Sample : T005455-CCV2 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P

Quant Time: Nov 30 22:55:08 2010 Results File: R10K091-ADD.RES
Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA

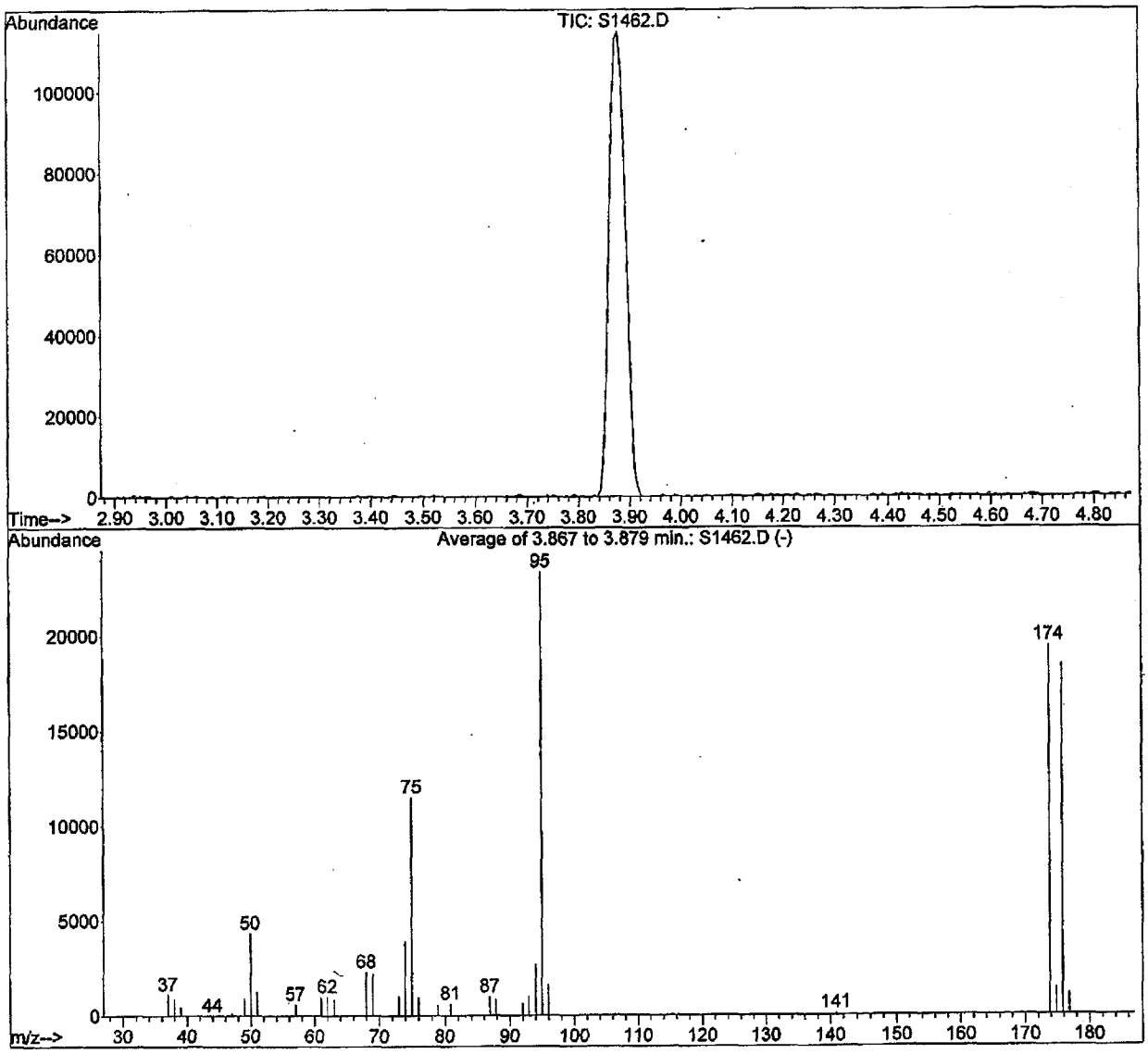


BFB Tune Evaluation

Data File : D:\MSDCHEM\S\DATA\111910\S1462.D
Acq On : 19 Nov 2010 23:07
Sample : T005292-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: CDC
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 451 (3.87 min)
Average of 3 scans: 450,451,452 minus background scan 431 (3.75 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	18.5	4334	PASS
75	95	30	60	49.2	11503	PASS
95	95	100	100	100.0	23376	PASS
96	95	5	9	7.0	1643	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	83.1	19434	PASS
175	174	5	9	7.4	1432	PASS
176	174	95	101	95.1	18474	PASS
177	176	5	9	6.1	1135	PASS

S1462.D R10K091-SIXPT.M Sat Nov 20 00:03:46 2010 HP5973

Average of 3.867 to 3.879 min.: S1462.D
T005292-TUN1
Modified: subtracted

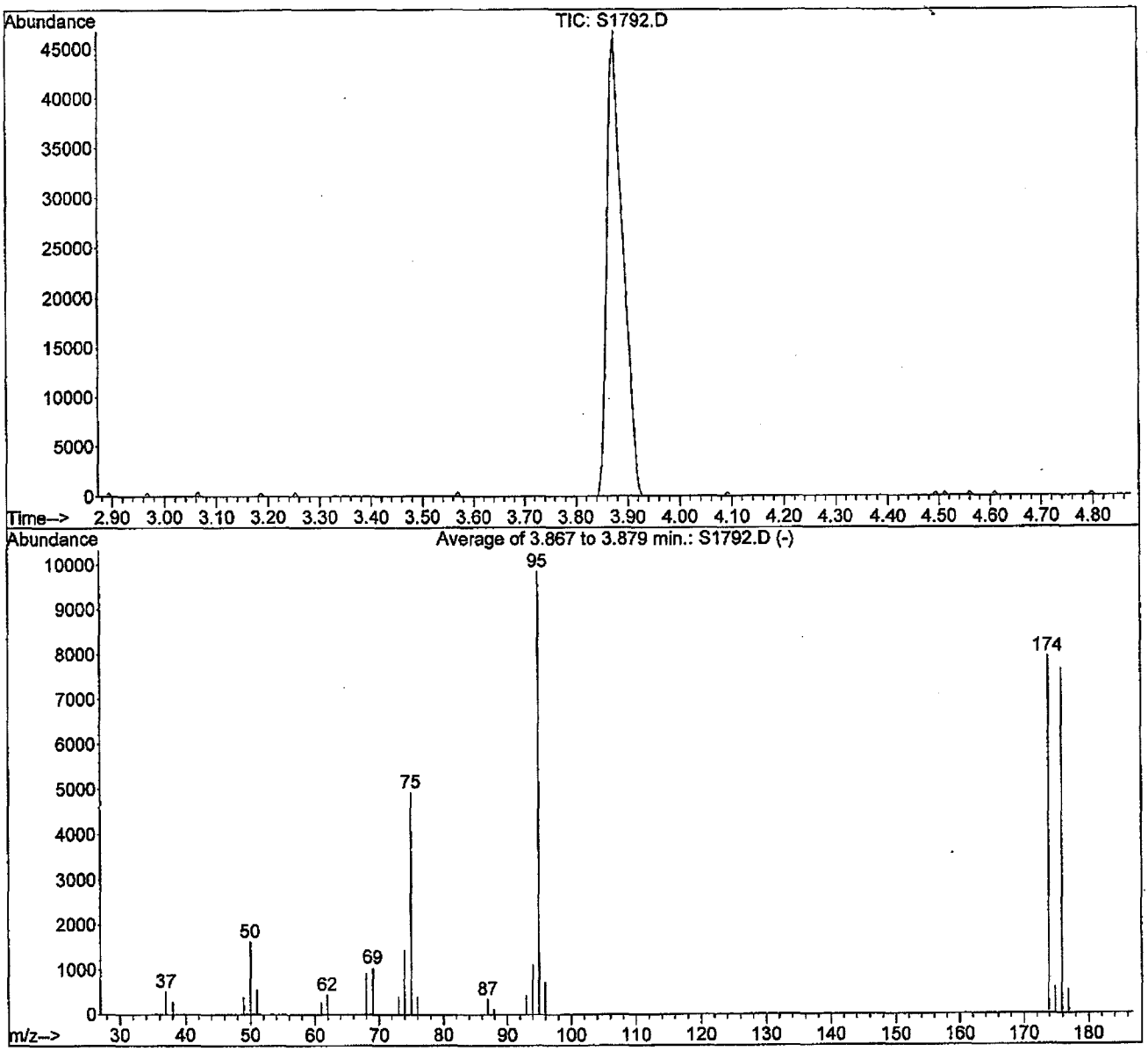
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	1121	68.00	2306	92.95	1025		
38.00	900	69.00	2223	94.00	2682		
39.00	450	73.00	1054	95.00	23376		
47.00	129	74.00	3952	96.00	1643		
49.00	942	75.00	11503	140.90	121		
50.00	4334	76.00	969	173.90	19434		
51.00	1313	78.90	545	174.90	1432		
57.00	613	80.90	632	175.90	18474		
61.00	969	86.95	1003	176.90	1135		
62.00	996	87.90	869				
63.00	869	91.95	650				

BFB Tune Evaluation

Data File : D:\MSDChem\S\Data\113010\S1792.D
Acq On : 30 Nov 2010 9:45
Sample : T005434-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: JRS
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 451 (3.87 min)
Average of 3 scans: 450,451,452 minus background scan 431 (3.75 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	16.5	1625	PASS
75	95	30	60	50.1	4936	PASS
95	95	100	100	100.0	9852	PASS
96	95	5	9	7.3	719	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	80.7	7947	PASS
175	174	5	9	7.3	582	PASS
176	174	95	101	96.6	7677	PASS
177	176	5	9	7.0	541	PASS

S1792.D R10K091-SIXPT.M Tue Nov 30 09:53:57 2010 HP5973

Average of 3.867 to 3.879 min.: S1792.D
T005434-TUN1
Modified:subtracted

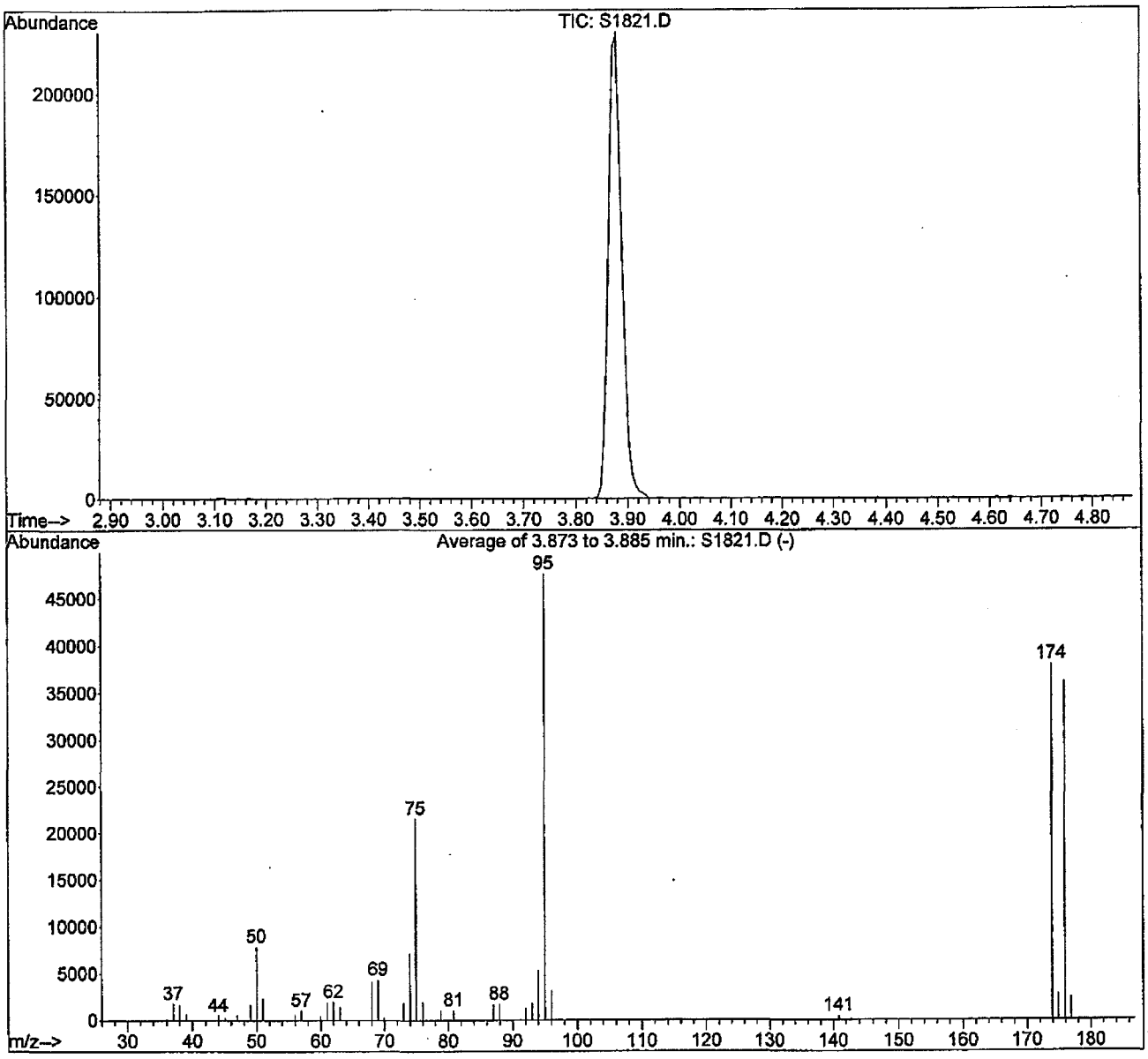
m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	516	75.00	4936	176.90	541		
38.05	282	76.00	403				
48.95	399	86.95	343				
50.00	1625	87.90	118				
51.00	557	92.95	420				
61.00	271	94.00	1122				
61.95	448	95.00	9852				
68.00	918	96.00	719				
69.00	1048	173.90	7947				
73.00	401	174.85	582				
74.00	1439	175.90	7677				

BFB Tune Evaluation

Data File : D:\MSDChem\S\Data\113010\S1821.D
Acq On : 30 Nov 2010 21:40
Sample : T005455-TUN1
Misc :
MS Integration Params: RTEINT.P

Vial: 1
Operator: NMD
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER



Peak Apex is scan: 452 (3.88 min)
Average of 3 scans: 451,452,453 minus background scan 432 (3.76 min)

Target Mass	Rel. to Mass	Lower Limit,%	Upper Limit,%	Rel. Abn,%	Raw Abn	Result Pass/Fail
50	95	15	40	16.5	7863	PASS
75	95	30	60	45.3	21552	PASS
95	95	100	100	100.0	47608	PASS
96	95	5	9	6.6	3133	PASS
173	174	0	2	0.0	0	PASS
174	95	50	100	79.8	37994	PASS
175	174	5	9	7.2	2727	PASS
176	174	95	101	95.1	36122	PASS
177	176	5	9	6.7	2419	PASS

S1821.D R10K091-SIXPT.M Wed Dec 01 00:27:38 2010 HP5973

Average of 3.873 to 3.885 min.: S1821.D
T005455-TUN1
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.00	1775	59.95	456	78.90	1016	174.90	2727
38.00	1642	61.00	1837	80.85	1074	175.90	36122
39.00	626	62.00	1984	86.95	1659	176.90	2419
44.00	531	63.00	1440	87.90	1730		
45.05	273	68.00	4151	92.00	1266		
46.95	546	69.00	4353	93.00	1864		
49.00	1624	69.95	267	94.00	5314		
50.00	7863	73.00	1856	95.00	47608		
51.00	2392	74.00	7162	96.00	3133		
55.95	648	75.00	21552	140.85	481		
56.95	1061	76.00	1993	173.90	37994		

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory: TestAmerica Buffalo SDG: RTK1380

Client: HRP Engineering, PC Project: 710 Ohio Street, Buffalo, NY

Matrix: Water Laboratory ID: 10K2674-BLK1 File ID: S1796.D

Sampled: Prepared: 11/29/10 20:50 Analyzed: 11/30/10 11:11

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10K2674 Sequence: T005434 Calibration: R10K091 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
99-87-6	4-Isopropyltoluene	1	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	10K2674-BLK1	File ID:	S1796.D
Sampled:		Prepared:	11/29/10 20:50	Analyzed:	11/30/10 11:11
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2674	Sequence:	T005434	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
91-20-3	Naphthalene	1	1.0	U
104-51-8	n-Butylbenzene	1	1.0	U
103-65-1	n-Propylbenzene	1	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	U
100-42-5	Styrene	1	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	28.4	114	66 - 137	
4-Bromofluorobenzene	25.0	25.4	102	73 - 120	
Toluene-d8	25.0	29.3	117	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	252495	9	271855	9	
1,4-Difluorobenzene	547766	4.93	567241	4.93	
Chlorobenzene-d5	252618	7.13	272887	7.13	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1796.D Vial: 5
Acq On : 30 Nov 2010 11:11 Operator: JRS
Sample : 10K2674-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 11:40:58 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\113010\S1793.D (30 Nov 2010 10:08)

	Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.93	114	547766	25.00	ug/L	0.00 96.57%
42)	CI20	Chlorobenzene-D5	7.13	82	252618	25.00	ug/L	0.00 92.57%
62)	CI30	1,4-Dichlorobenzene-	9.00	152	252495	25.00	ug/L	0.00 92.88%
	System Monitoring Compounds							
30)	CS15	1,2-Dichloroethane-D	4.64	65	218840	28.44	ug/L	0.00
	Spiked Amount	25.000	Range	66 - 137	Recovery =	113.76%		
43)	CS05	Toluene-D8	6.02	98	660048	29.31	ug/L	0.00
	Spiked Amount	25.000	Range	71 - 126	Recovery =	117.24%		
61)	CS10	p-Bromofluorobenzene	8.07	174	193823	25.43	ug/L	0.00
	Spiked Amount	25.000	Range	73 - 120	Recovery =	101.72%		

	Target Compounds					Qvalue
2)	C290	Dichlorodifluorome	0.00	85	0	N.D.	
3)	C010	Chloromethane	0.00	50	0	N.D.	
4)	C020	Vinyl chloride	0.00	62	0	N.D.	
5)	C015	Bromomethane	0.00	94	0	N.D.	
6)	C025	Chloroethane	0.00	64	0	N.D.	
7)	C275	Trichlorofluoromet	0.00	101	0	N.D.	
8)	C045	1,1-Dichloroethene	0.00	96	0	N.D.	
9)	C030	Methylene chloride	3.04	84	1398	N.D.	
10)	C040	Carbon disulfide	0.00	76	0	N.D.	
11)	C036	Acrolein	0.00	56	0	N.D.	
12)	C038	Acrylonitrile	0.00	53	0	N.D.	
13)	C035	Acetone	2.65	43	145	N.D.	
14)	C300	Acetonitrile	2.95	41	1730	1.49 ug/L	76
15)	C276	Iodomethane	0.00	142	0	N.D.	
16)	C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.	
17)	C962	T-butyl Methyl Eth	0.00	73	0	N.D.	
18)	C057	trans-1,2-Dichloro	0.00	96	0	N.D.	
19)	C255	Methyl Acetate	0.00	43	0	N.D.	
20)	C050	1,1-Dichloroethane	0.00	63	0	N.D.	
21)	C125	Vinyl Acetate	0.00	43	0	N.D.	
22)	C051	2,2-Dichloropropan	0.00	77	0	N.D.	
23)	C056	cis-1,2-Dichloroet	0.00	96	0	N.D.	
24)	C272	Tetrahydrofuran	0.00	42	0	N.D.	
25)	C222	Bromochloromethane	0.00	128	0	N.D.	
26)	C060	Chloroform	4.25	83	363	N.D.	
27)	C115	1,1,1-Trichloroeth	0.00	97	0	N.D.	
28)	C120	Carbon tetrachlori	0.00	117	0	N.D.	
29)	C116	1,1-Dichloropropen	0.00	75	0	N.D.	
31)	C165	Benzene	0.00	78	0	N.D.	
32)	C065	1,2-Dichloroethane	0.00	62	0	N.D.	
33)	C110	2-Butanone	0.00	43	0	N.D.	
34)	C256	Cyclohexane	0.00	56	0	N.D.	
35)	C150	Trichloroethene	0.00	95	0	N.D.	
36)	C140	1,2-Dichloropropan	0.00	63	0	N.D.	
37)	C278	Dibromomethane	0.00	93	0	N.D.	
38)	C130	Bromodichlorometha	0.00	83	0	N.D.	
39)	C161	2-Chloroethylvinyl	0.00	63	0	N.D.	

Data File : D:\MSDChem\S\Data\113010\S1796.D Vial: 5
Acq On : 30 Nov 2010 11:11 Operator: JRS
Sample : 10K2674-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 11:40:58 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\113010\S1793.D (30 Nov 2010 10:08)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	0.00	92	0	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.02	43	2641	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.13	91	792	N.D.		
57) C246	m,p-Xylene	0.00	106	0	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
60) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
68) C302	n-Propylbenzene	8.24	91	130	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.82	105	128	N.D.		
74) C308	sec-Butylbenzene	8.82	105	128	N.D.		
75) C260	1,3-Dichlorobenzen	9.02	146	128	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	9.02	146	128	N.D.		
78) C249	1,2-Dichlorobenzen	0.00	146	0	N.D.		
79) C310	n-Butylbenzene	9.29	91	631	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	10.65	180	988	N.D.		
82) C316	Hexachlorobutadien	10.76	225	824	N.D.		
83) C314	Naphthalene	10.87	128	3477	N.D.		
84) C934	1,2,3-Trichloroben	11.05	180	1502	N.D.		

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1796.D Vial: 5
Acq On : 30 Nov 2010 11:11 Operator: JRS
Sample : 10K2674-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 30 11:41:20 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

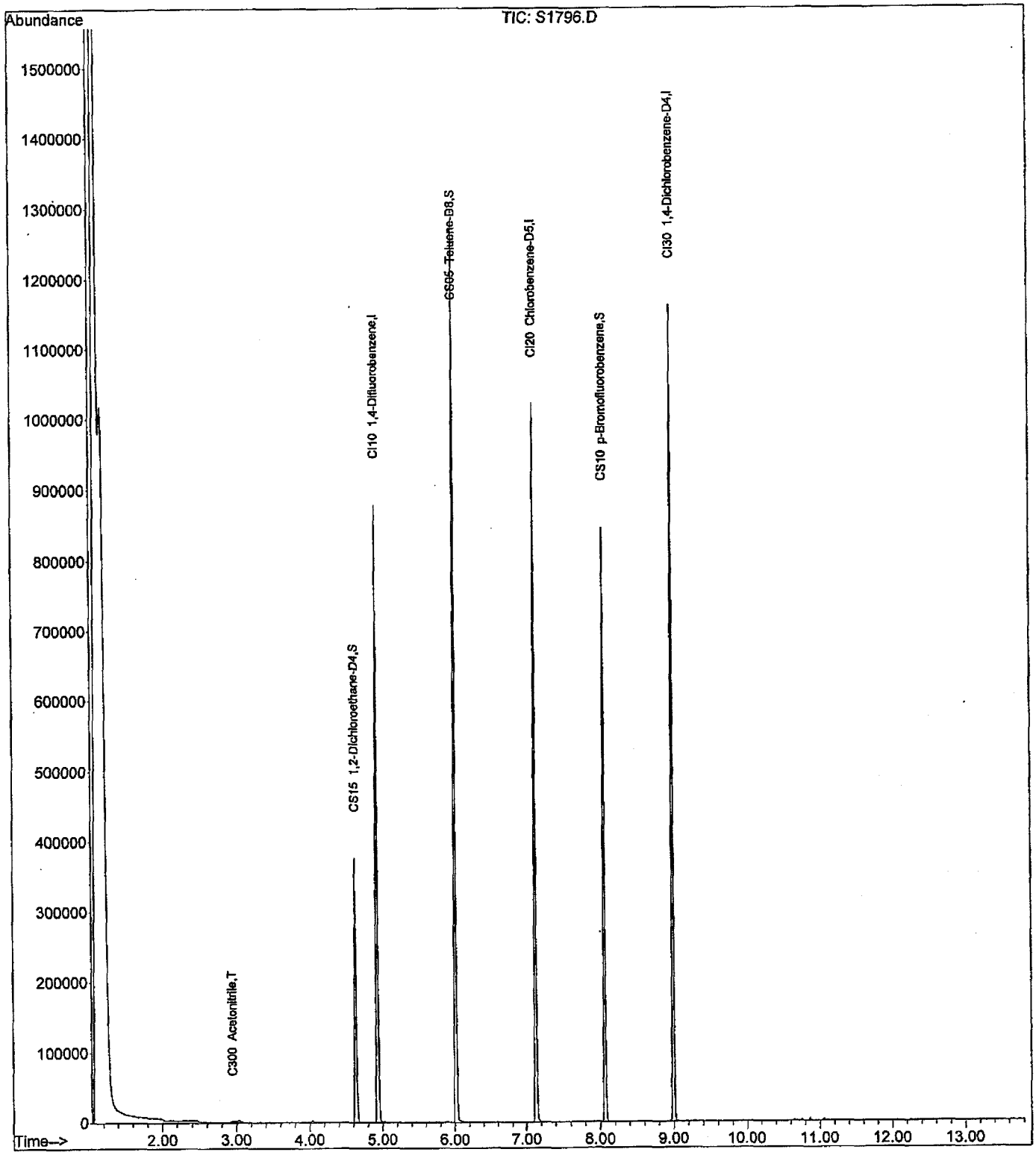
	Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1)	CI10	1,4-Difluorobenzene	4.93	114	547229	25.00	ug/L	0.00 NA%
23)	CI20	D5-Chlorobenzene	7.13	117	472514	25.00	ug/L	0.00 NA%
25)	CI30	D4-1,4-Dichlorobenze	9.00	152	252495	25.00	ug/L	0.00 NA%
	Target Compounds							Qvalue
2)	C297	Chlorodifluorometh	0.00	51	0	N.D.		
3)	C294	Dichlorofluorometh	0.00	67	0	N.D.		
4)	C271	Ethyl Ether	0.00	59	0	N.D.		
5)	C	2-Propanol	0.00	45	0	N.D.		
6)	C959	t-Butyl Alcohol	0.00	59	0	N.D.		
7)	C277	Allyl Chloride	0.00	41	0	N.D.		
8)	C279	Chloroprene	0.00	53	0	N.D.		
9)	E678	Ethyl tert-butyl e	0.00	59	0	N.D.		
10)	C305	Propionitrile	0.00	54	0	N.D.		
11)	C258	Ethyl Acetate	0.00	43	0	N.D.		
12)	C266	Methacrylonitrile	0.00	41	0	N.D.		
13)	C264	Isopropyl ether	0.00	45	0	N.D.		
14)	C200	Isobutanol	0.00	43	0	N.D.		
15)	E677	2-Methoxy-2-methyl	0.00	73	0	N.D.		
16)	C252	Heptane	0.00	43	0	N.D.		
17)	C911	n-Butanol	0.00	56	0	N.D.		
18)	C293	Methyl Methacrylat	0.00	41	0	N.D.		
19)	C273	Propylene Oxide	0.00	58	0	N.D.		
20)	C270	Epichlorohydrin	0.00	57	0	N.D.		
21)	C251	1,1-Dimethoxyethan	0.00	75	0	N.D.		
22)	C261	Hexane	0.00	57	0	N.D.		
24)	C268	1,4 Dioxane	0.00	88	0	N.D.		
26)	C292	2-Nitropropane	0.00	43	0	N.D.		
27)	C511	2-Methylthiopene	6.02	97	24791	1.17	ug/L #	1
28)	C512	3-Methylthiopene	0.00	97	0	N.D.		
29)	C969	3-Chlorobenzotrifl	0.00	180	0	N.D.		
30)	C970	4-Chlorobenzotrifl	0.00	180	0	N.D.		
31)	C968	2-Chlorobenzotrifl	0.00	180	0	N.D.		
32)	C287	3-Chlorotoluene	0.00	126	0	N.D.		
33)	C285	Cyclohexanone	8.06	55	368	N.D.		
34)	C799	Dicyclopentadiene	9.00	66	4837	N.D.		
35)	C801	1,2,3-Trimethylben	0.00	105	0	N.D.		
36)	C285	Pentachloroethane	0.00	167	0	N.D.		
37)	C	1,3,5-Trichlorobenzen	0.00	180	0	N.D.		

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1796.D Vial: 5
Acq On : 30 Nov 2010 11:11 Operator: JRS
Sample : 10K2674-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 11:40:58 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory:	TestAmerica Buffalo		SDG:	RTK1380	
Client:	HRP Engineering, PC		Project:	710 Ohio Street, Buffalo, NY	
Matrix:	Water	Laboratory ID:	10K2778-BLK1	File ID:	S1825.D
Sampled:		Prepared:	11/30/10 21:21	Analyzed:	11/30/10 23:06
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 10K2778 Sequence: T005455 Calibration: R10K091 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	1.0	U
75-35-4	1,1-Dichloroethene	1	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	1.0	U
107-06-2	1,2-Dichloroethane	1	1.0	U
78-87-5	1,2-Dichloropropane	1	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
99-87-6	4-Isopropyltoluene	1	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	1.0	U
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	1.0	U
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	1.0	U
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	1.0	U
98-82-8	Isopropylbenzene	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

Blank

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	10K2778-BLK1	File ID:	S1825.D
Sampled:		Prepared:	11/30/10 21:21	Analyzed:	11/30/10 23:06
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2778	Sequence:	T005455	Calibration:	R10K091
Instrument:	HP5973S				

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	1.0	U
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
91-20-3	Naphthalene	1	1.0	U
104-51-8	n-Butylbenzene	1	1.0	U
103-65-1	n-Propylbenzene	1	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	U
100-42-5	Styrene	1	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	U
127-18-4	Tetrachloroethene	1	1.0	U
108-88-3	Toluene	1	1.0	U
156-60-5	trans-1,2-Dichloroethene	1	1.0	U
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	1.0	U
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	2.0	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	28.3	113	66 - 137	
4-Bromofluorobenzene	25.0	26.4	106	73 - 120	
Toluene-d8	25.0	29.5	118	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	274068	9	293655	9	
1,4-Difluorobenzene	590980	4.93	625254	4.93	
Chlorobenzene-d5	270799	7.13	298495	7.13	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1825.D Vial: 5
Acq On : 30 Nov 2010 23:06 Operator: NMD
Sample : 10K2778-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 23:20:54 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 23:20:20 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1822.D (30 Nov 2010 22:02)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	590980	25.00	ug/L	0.00 94.52%
42) CI20	Chlorobenzene-D5	7.13	82	270799	25.00	ug/L	0.00 90.72%
62) CI30	1,4-Dichlorobenzene-	9.00	152	274068	25.00	ug/L	0.00 93.33%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.64	65	235193	28.33	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	113.32%	
43) CS05	Toluene-D8	6.02	98	711730	29.49	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	117.96%	
61) CS10	p-Bromofluorobenzene	8.07	174	215516	26.38	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	105.52%	

Target Compounds					Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.
3) C010	Chloromethane	0.00	50	0	N.D.
4) C020	Vinyl chloride	0.00	62	0	N.D.
5) C015	Bromomethane	0.00	94	0	N.D.
6) C025	Chloroethane	0.00	64	0	N.D.
7) C275	Trichlorofluoromet	0.00	101	0	N.D.
8) C045	1,1-Dichloroethene	0.00	96	0	N.D.
9) C030	Methylene chloride	3.02	84	500	N.D.
10) C040	Carbon disulfide	0.00	76	0	N.D.
11) C036	Acrolein	0.00	56	0	N.D.
12) C038	Acrylonitrile	0.00	53	0	N.D.
13) C035	Acetone	0.00	43	0	N.D.
14) C300	Acetonitrile	0.00	41	0	N.D.
15) C276	Iodomethane	0.00	142	0	N.D.
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.
17) C962	T-butyl Methyl Eth	0.00	73	0	N.D.
18) C057	trans-1,2-Dichloro	0.00	96	0	N.D.
19) C255	Methyl Acetate	0.00	43	0	N.D.
20) C050	1,1-Dichloroethane	0.00	63	0	N.D.
21) C125	Vinyl Acetate	0.00	43	0	N.D.
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.
23) C056	cis-1,2-Dichloroet	0.00	96	0	N.D.
24) C272	Tetrahydrofuran	0.00	42	0	N.D.
25) C222	Bromochloromethane	0.00	128	0	N.D.
26) C060	Chloroform	4.26	83	467	N.D.
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.
28) C120	Carbon tetrachlori	0.00	117	0	N.D.
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.
31) C165	Benzene	0.00	78	0	N.D.
32) C065	1,2-Dichloroethane	0.00	62	0	N.D.
33) C110	2-Butanone	0.00	43	0	N.D.
34) C256	Cyclohexane	0.00	56	0	N.D.
35) C150	Trichloroethene	0.00	95	0	N.D.
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.
37) C278	Dibromomethane	0.00	93	0	N.D.
38) C130	Bromodichlorometha	0.00	83	0	N.D.
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1825.D Vial: 5
Acq On : 30 Nov 2010 23:06 Operator: NMD
Sample : 10K2778-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 23:20:54 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 23:20:20 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1822.D (30 Nov 2010 22:02)

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	0.00	83	0	N.D.		
41) C145	cis-1,3-Dichloropr	0.00	75	0	N.D.		
44) C230	Toluene	0.00	92	0	N.D.		
45) C170	trans-1,3-Dichloro	0.00	75	0	N.D.		
46) C284	Ethyl Methacrylate	0.00	69	0	N.D.		
47) C160	1,1,2-Trichloroeth	0.00	83	0	N.D.		
48) C210	4-Methyl-2-pentano	6.01	43	2764	N.D.		
49) C220	Tetrachloroethene	0.00	166	0	N.D.		
50) C221	1,3-Dichloropropan	0.00	76	0	N.D.		
51) C155	Dibromochlorometha	0.00	129	0	N.D.		
52) C163	1,2-Dibromoethane	0.00	107	0	N.D.		
53) C215	2-Hexanone	0.00	43	0	N.D.		
54) C235	Chlorobenzene	0.00	112	0	N.D.		
55) C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.		
56) C240	Ethylbenzene	7.13	91	726	N.D.		
57) C246	m,p-Xylene	0.00	106	0	N.D.		
58) C247	o-Xylene	0.00	106	0	N.D.		
59) C245	Styrene	0.00	104	0	N.D.		
60) C180	Bromoform	0.00	173	0	N.D.		
63) C966	Isopropylbenzene	0.00	105	0	N.D.		
64) C301	Bromobenzene	0.00	156	0	N.D.		
65) C225	1,1,2,2-Tetrachlor	0.00	83	0	N.D.		
66) C282	1,2,3-Trichloropro	0.00	110	0	N.D.		
67) C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.		
68) C302	n-Propylbenzene	8.07	91	635	N.D.		
69) C303	2-Chlorotoluene	0.00	126	0	N.D.		
70) C289	4-Chlorotoluene	0.00	126	0	N.D.		
71) C304	1,3,5-Trimethylben	0.00	105	0	N.D.		
72) C306	tert-Butylbenzene	0.00	134	0	N.D.		
73) C307	1,2,4-Trimethylben	8.70	105	138	N.D.		
74) C308	sec-Butylbenzene	8.70	105	138	N.D.		
75) C260	1,3-Dichlorobenzen	0.00	146	0	N.D.		
76) C309	4-Isopropyltoluene	0.00	119	0	N.D.		
77) C267	1,4-Dichlorobenzen	0.00	146	0	N.D.		
78) C249	1,2-Dichlorobenzen	9.33	146	134	N.D.		
79) C310	n-Butylbenzene	0.00	91	0	N.D.		
80) C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.		
81) C313	1,2,4-Trichloroben	0.00	180	0	N.D.		
82) C316	Hexachlorobutadien	0.00	225	0	N.D.		
83) C314	Naphthalene	0.00	128	0	N.D.		
84) C934	1,2,3-Trichloroben	0.00	180	0	N.D.		

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1825.D Vial: 5
Acq On : 30 Nov 2010 23:06 Operator: NMD
Sample : 10K2778-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: LSTINT.P
Quant Time: Nov 30 23:21:18 2010 Results File: R10K091-ADD.RES

Quant Method : D:\MSDCHEM\S...\R10K091-ADD.M (RTE Integrator)
Title : 8260 ADD (25ml purge)
Last Update : Mon Nov 29 22:23:07 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

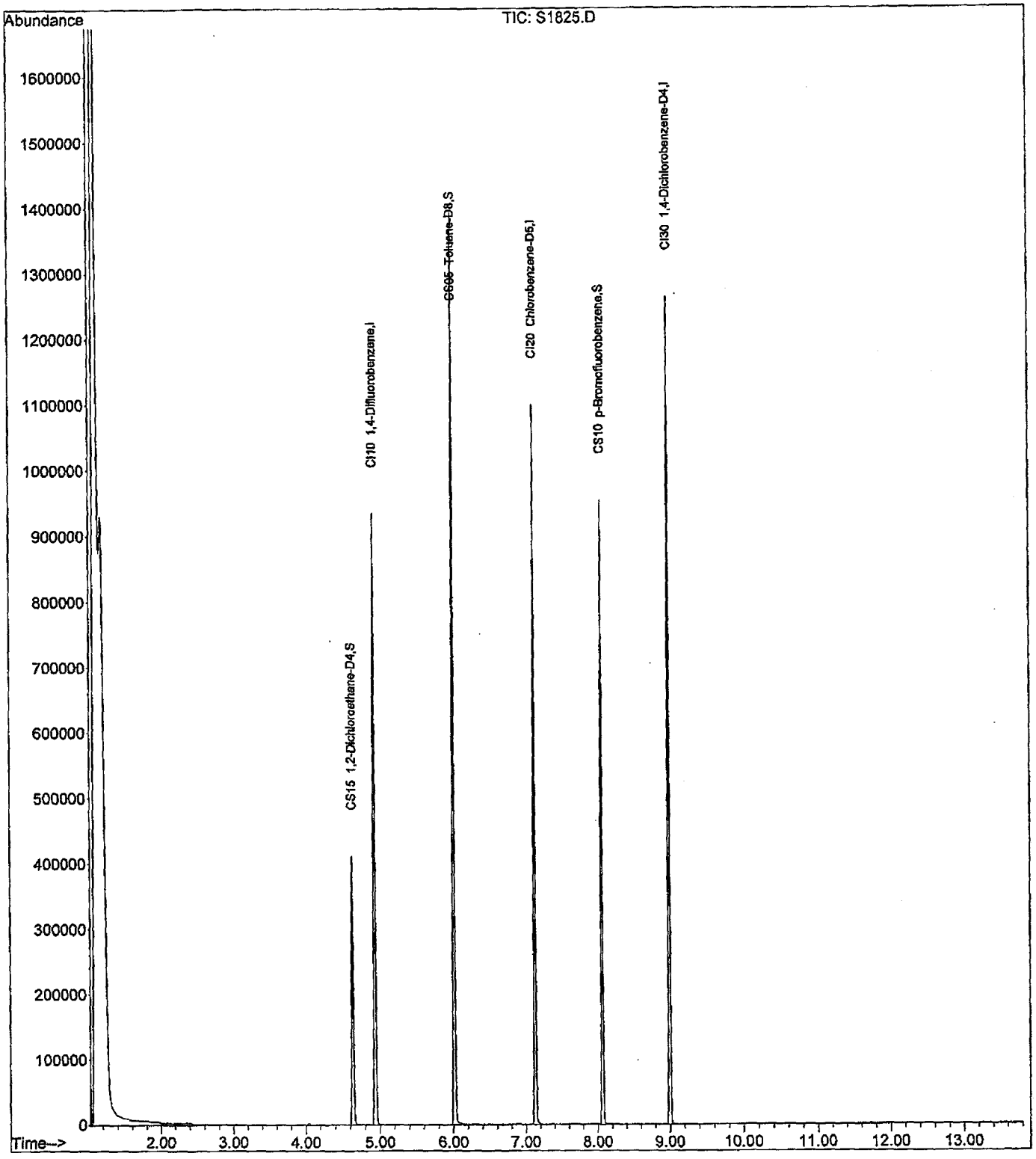
Internal Standards		R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	589651	25.00 ug/L	0.00 NA%
23) CI20	D5-Chlorobenzene	7.13	117	506304	25.00 ug/L	0.00 NA%
25) CI30	D4-1,4-Dichlorobenze	9.00	152	274068	25.00 ug/L	0.00 NA%
Target Compounds						Qvalue
2) C297	Chlorodifluorometh	0.00	51	0	N.D.	
3) C294	Dichlorofluorometh	0.00	67	0	N.D.	
4) C271	Ethyl Ether	0.00	59	0	N.D.	
5) C	2-Propanol	0.00	45	0	N.D.	
6) C959	t-Butyl Alcohol	0.00	59	0	N.D.	
7) C277	Allyl Chloride	0.00	41	0	N.D.	
8) C279	Chloroprene	0.00	53	0	N.D.	
9) E678	Ethyl tert-butyl e	0.00	59	0	N.D.	
10) C305	Propionitrile	0.00	54	0	N.D.	
11) C258	Ethyl Acetate	0.00	43	0	N.D.	
12) C266	Methacrylonitrile	0.00	41	0	N.D.	
13) C264	Isopropyl ether	0.00	45	0	N.D.	
14) C200	Isobutanol	0.00	43	0	N.D.	
15) E677	2-Methoxy-2-methyl	0.00	73	0	N.D.	
16) C252	Heptane	0.00	43	0	N.D.	
17) C911	n-Butanol	0.00	56	0	N.D.	
18) C293	Methyl Methacrylat	0.00	41	0	N.D.	
19) C273	Propylene Oxide	0.00	58	0	N.D.	
20) C270	Epichlorohydrin	0.00	57	0	N.D.	
21) C251	1,1-Dimethoxyethan	0.00	75	0	N.D.	
22) C261	Hexane	0.00	57	0	N.D.	
24) C268	1,4 Dioxane	0.00	88	0	N.D.	
26) C292	2-Nitropropane	0.00	43	0	N.D.	
27) C511	2-Methylthiopene	~~8.02~~	~~97~~	~~27022~~	~~1.18 ug/L~~ #	1
28) C512	3-Methylthiopene	0.00	97	0	N.D.	
29) C969	3-Chlorobenzotrifl	0.00	180	0	N.D.	
30) C970	4-Chlorobenzotrifl	0.00	180	0	N.D.	
31) C968	2-Chlorobenzotrifl	0.00	180	0	N.D.	
32) C287	3-Chlorotoluene	0.00	126	0	N.D.	
33) C285	Cyclohexanone	8.07	55	520	N.D.	
34) C799	Dicyclopentadiene	9.00	66	5198	N.D.	
35) C801	1,2,3-Trimethylben	0.00	105	0	N.D.	
36) C285	Pentachloroethane	0.00	167	0	N.D.	
37) C	1,3,5-Trichlorobenzen	0.00	180	0	N.D.	

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1825.D Vial: 5
Acq On : 30 Nov 2010 23:06 Operator: NMD
Sample : 10K2778-BLK1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 23:20:54 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 23:20:20 2010
Response via : Initial Calibration
DataAcq Meth : VOA



Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory: TestAmerica Buffalo SDG: RTK1380

Client: HRP Engineering, PC Project: 710 Ohio Street, Buffalo, NY

Matrix: Water Laboratory ID: 10K2674-BS1 File ID: S1795.D

Sampled: Prepared: 11/29/10 20:50 Analyzed: 11/30/10 10:50

Solids: Preparation: 5030B MS Initial/Final: 5 mL / 5 mL

Batch: 10K2674 Sequence: T005434 Calibration: R10K091 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	27.9	
79-34-5	1,1,2,2-Tetrachloroethane	1	24.9	
79-00-5	1,1,2-Trichloroethane	1	23.8	
76-13-1	1,1,2-Trichlorotrifluoroethane	1	24.1	
75-34-3	1,1-Dichloroethane	1	23.8	
75-35-4	1,1-Dichloroethene	1	23.5	
120-82-1	1,2,4-Trichlorobenzene	1	24.9	
95-63-6	1,2,4-Trimethylbenzene	1	25.8	
96-12-8	1,2-Dibromo-3-chloropropane	1	20.3	
106-93-4	1,2-Dibromoethane (EDB)	1	25.0	
95-50-1	1,2-Dichlorobenzene	1	24.2	
107-06-2	1,2-Dichloroethane	1	24.5	
78-87-5	1,2-Dichloropropane	1	23.2	
108-67-8	1,3,5-Trimethylbenzene	1	25.4	
541-73-1	1,3-Dichlorobenzene	1	24.5	
106-46-7	1,4-Dichlorobenzene	1	23.6	
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone (MEK)	1	112	
591-78-6	2-Hexanone	1	128	
99-87-6	4-Isopropyltoluene	1	26.0	
108-10-1	4-Methyl-2-pentanone (MIBK)	1	124	
67-64-1	Acetone	1	111	
71-43-2	Benzene	1	23.4	
75-27-4	Bromodichloromethane	1	22.8	
75-25-2	Bromoform	1	19.7	
74-83-9	Bromomethane	1	25.7	
75-15-0	Carbon disulfide	1	20.4	
56-23-5	Carbon Tetrachloride	1	26.6	
108-90-7	Chlorobenzene	1	24.0	
124-48-1	Chlorodibromomethane	1	22.1	
75-00-3	Chloroethane	1	31.5	
67-66-3	Chloroform	1	24.0	
74-87-3	Chloromethane	1	21.9	
156-59-2	cis-1,2-Dichloroethene	1	24.1	
10061-01-5	cis-1,3-Dichloropropene	1	21.9	
110-82-7	Cyclohexane	1	22.3	
75-71-8	Dichlorodifluoromethane	1	22.5	
100-41-4	Ethylbenzene	1	24.8	
98-82-8	Isopropylbenzene	1	25.7	

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	10K2674-BS1	File ID:	S1795.D
Sampled:		Prepared:	11/29/10 20:50	Analyzed:	11/30/10 10:50
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 10K2674 Sequence: T005434 Calibration: R10K091 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	21.9	
1634-04-4	Methyl tert-Butyl Ether	1	25.0	
108-87-2	Methylcyclohexane	1	23.4	
75-09-2	Methylene Chloride	1	24.6	
91-20-3	Naphthalene	1	21.5	
104-51-8	n-Butylbenzene	1	25.9	
103-65-1	n-Propylbenzene	1	25.1	
135-98-8	sec-Butylbenzene	1	25.7	
100-42-5	Styrene	1	25.6	
98-06-6	tert-Butylbenzene	1	25.9	
127-18-4	Tetrachloroethene	1	23.7	
108-88-3	Toluene	1	23.7	
156-60-5	trans-1,2-Dichloroethene	1	23.6	
10061-02-6	trans-1,3-Dichloropropene	1	22.0	
79-01-6	Trichloroethene	1	23.5	
75-69-4	Trichlorofluoromethane	1	23.6	
75-01-4	Vinyl chloride	1	26.5	
1330-20-7	Xylenes, total	1	75.0	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	28.0	112	66 - 137	
4-Bromofluorobenzene	25.0	26.1	104	73 - 120	
Toluene-d8	25.0	29.0	116	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	276508	9	271855	9	
1,4-Difluorobenzene	568725	4.93	567241	4.93	
Chlorobenzene-d5	275305	7.13	272887	7.13	

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1795.D Vial: 4
Acq On : 30 Nov 2010 10:50 Operator: JRS
Sample : 10K2674-BS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 11:39:01 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\113010\S1793.D (30 Nov 2010 10:08)

Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	568725	25.00	ug/L		0.00 100.26%
42) CI20	Chlorobenzene-D5	7.13	82	275305	25.00	ug/L		0.00 100.89%
62) CI30	1,4-Dichlorobenzene-	9.00	152	276508	25.00	ug/L		0.00 101.71%
System Monitoring Compounds								
30) CS15	1,2-Dichloroethane-D	4.63	65	224118	28.05	ug/L		0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	112.20%		
43) CS05	Toluene-D8	6.02	98	712216	29.02	ug/L		0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	116.08%		
61) CS10	p-Bromofluorobenzene	8.07	174	216751	26.09	ug/L		0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	104.36%		
Target Compounds								Qvalue
2) C290	Dichlorodifluorometh	1.28	85	158417	22.52	ug/L	#	100
3) C010	Chloromethane	1.40	50	175691	21.91	ug/L		97
4) C020	Vinyl chloride	1.50	62	204242	26.49	ug/L		87
5) C015	Bromomethane	1.78	94	64989	25.67	ug/L		83
6) C025	Chloroethane	1.87	64	126805	31.51	ug/L		89
7) C275	Trichlorofluorometha	2.11	101	197599m	23.63	ug/L		97
8) C045	1,1-Dichloroethene	2.55	96	187205	23.47	ug/L		94
9) C030	Methylene chloride	3.03	84	196273m	24.56	ug/L		85
10) C040	Carbon disulfide	2.74	76	362142	20.35	ug/L		98
11) C036	Acrolein	2.50	56	259384	417.31	ug/L		95
12) C038	Acrylonitrile	3.24	53	411307	110.24	ug/L		93
13) C035	Acetone	2.65	43	323918	111.00	ug/L		95
14) C300	Acetonitrile	2.93	41	998370	828.40	ug/L		99
15) C276	Iodomethane	2.71	142	205245	25.06	ug/L		96
16) C291	1,1,2-Trichloro-1,2,	2.55	101	181033	24.08	ug/L		88
17) C962	T-butyl Methyl Ether	3.17	73	516528	24.99	ug/L		96
18) C057	trans-1,2-Dichloroet	3.17	96	188896	23.63	ug/L		97
19) C255	Methyl Acetate	2.90	43	211645	21.88	ug/L	#	91
20) C050	1,1-Dichloroethane	3.54	63	323252	23.76	ug/L		99
21) C125	Vinyl Acetate	3.59	43	1837468	127.06	ug/L		93
22) C051	2,2-Dichloropropane	3.97	77	123813	28.06	ug/L		97
23) C056	cis-1,2-Dichloroethe	4.00	96	202733	24.13	ug/L		96
24) C272	Tetrahydrofuran	4.22	42	327201	114.18	ug/L		81
25) C222	Bromochloromethane	4.19	128	97352	23.92	ug/L		94
26) C060	Chloroform	4.25	83	328876	24.02	ug/L		100
27) C115	1,1,1-Trichloroethan	4.34	97	235349	27.87	ug/L		97
28) C120	Carbon tetrachloride	4.45	117	232664	26.63	ug/L		98
29) C116	1,1-Dichloropropene	4.47	75	257649	24.53	ug/L		97
31) C165	Benzene	4.64	78	779238	23.43	ug/L		99
32) C065	1,2-Dichloroethane	4.69	62	261758	24.46	ug/L		99
33) C110	2-Butanone	4.05	43	508818	112.33	ug/L		89
34) C256	Cyclohexane	4.34	56	304356	22.28	ug/L		93
35) C150	Trichloroethene	5.10	95	194686	23.53	ug/L		92
36) C140	1,2-Dichloropropane	5.31	63	184148	23.23	ug/L		99
37) C278	Dibromomethane	5.41	93	116369	24.31	ug/L		92
38) C130	Bromodichloromethane	5.52	83	225604	22.77	ug/L		98
39) C161	2-Chloroethylvinyl E	5.74	63	636288	124.21	ug/L		91

Conn 12/3/10

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1795.D Vial: 4
Acq On : 30 Nov 2010 10:50 Operator: JRS
Sample : 10K2674-BS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 11:39:01 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDChem\S\Data\113010\S1793.D (30 Nov 2010 10:08)

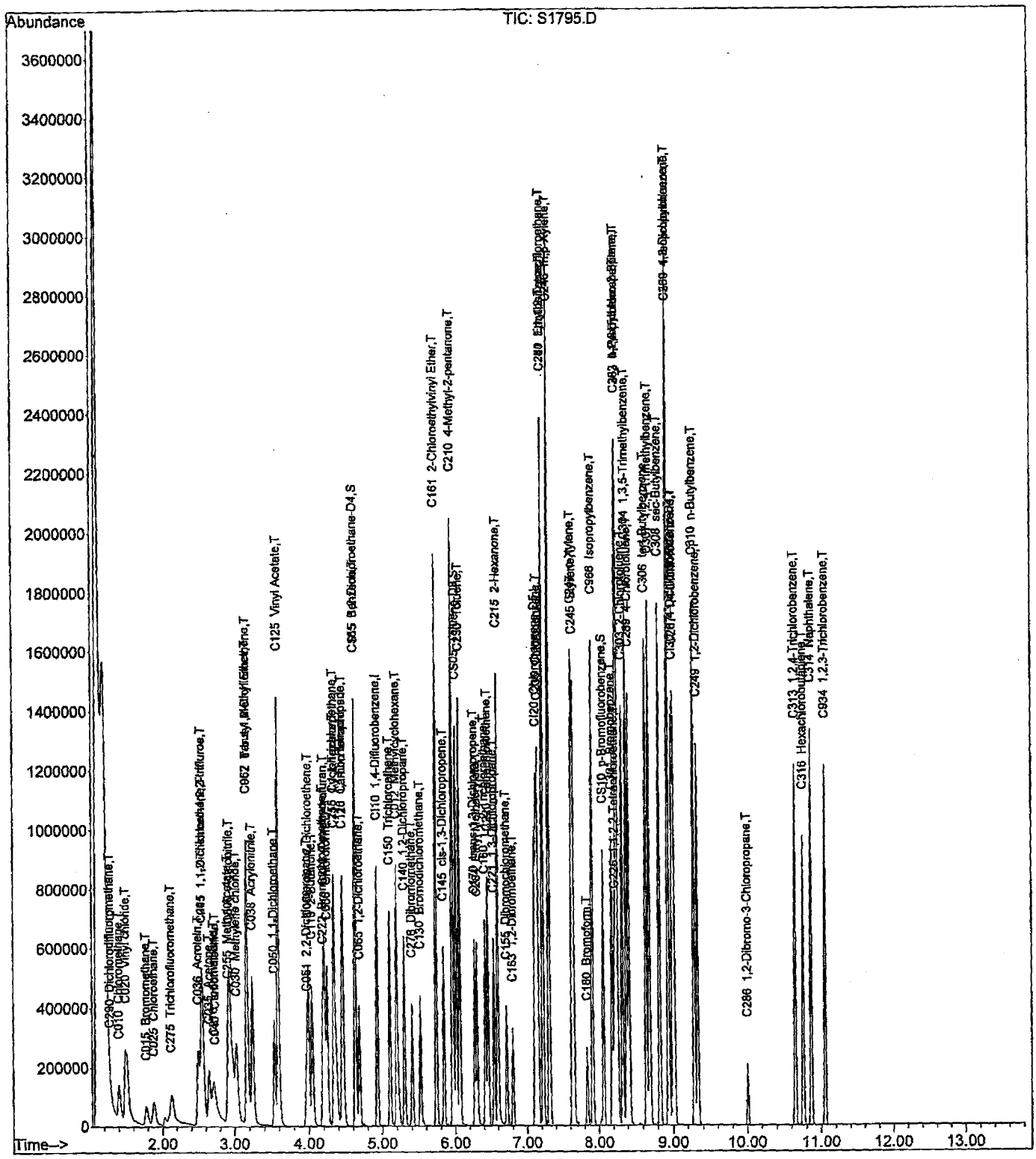
Internal Standards		R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
40) C012	Methylcyclohexane	5.20	83	326363	23.37	ug/L		95
41) C145	cis-1,3-Dichloroprop	5.84	75	272439	21.87	ug/L		99
44) C230	Toluene	6.07	92	486788	23.74	ug/L		93
45) C170	trans-1,3-Dichloropr	6.27	75	246644	21.96	ug/L		96
46) C284	Ethyl Methacrylate	6.31	69	260762	22.74	ug/L	#	87
47) C160	1,1,2-Trichloroethan	6.42	83	144647	23.84	ug/L		100
48) C210	4-Methyl-2-pentanone	5.96	43	1029822	124.21	ug/L		91
49) C220	Tetrachloroethene	6.46	166	202743	23.70	ug/L		98
50) C221	1,3-Dichloropropane	6.54	76	301552	24.03	ug/L		98
51) C155	Dibromochloromethane	6.72	129	164158	22.13	ug/L		98
52) C163	1,2-Dibromoethane	6.80	107	175935	25.03	ug/L		99
53) C215	2-Hexanone	6.60	43	746977	127.78	ug/L		89
54) C235	Chlorobenzene	7.16	112	535803	24.03	ug/L		99
55) C281	1,1,1,2-Tetrachloroe	7.22	131	177990	26.03	ug/L		96
56) C240	Ethylbenzene	7.22	91	932981	24.78	ug/L		98
57) C246	m,p-Xylene	7.31	106	718336	49.77	ug/L		98
58) C247	o-Xylene	7.63	106	343034	25.18	ug/L		96
59) C245	Styrene	7.65	104	583219	25.60	ug/L		96
60) C180	Bromoform	7.84	173	99334	19.71	ug/L		96
63) C966	Isopropylbenzene	7.92	105	934101	25.68	ug/L		98
64) C301	Bromobenzene	8.18	156	228369	24.77	ug/L		92
65) C225	1,1,2,2-Tetrachloroe	8.22	83	248531	24.87	ug/L		100
66) C282	1,2,3-Trichloropropa	8.25	110	73612	24.55	ug/L		100
67) C283	t-1,4-Dichloro-2-But	8.26	51	133368	92.93	ug/L	#	59
68) C302	n-Propylbenzene	8.24	91	1148580	25.09	ug/L		95
69) C303	2-Chlorotoluene	8.33	126	222617	24.87	ug/L		100
70) C289	4-Chlorotoluene	8.42	126	232145	25.38	ug/L		100
71) C304	1,3,5-Trimethylbenze	8.38	105	797367	25.42	ug/L		96
72) C306	tert-Butylbenzene	8.65	134	174346	25.87	ug/L		95
73) C307	1,2,4-Trimethylbenze	8.69	105	820171	25.77	ug/L		98
74) C308	sec-Butylbenzene	8.82	105	1046604	25.66	ug/L		93
75) C260	1,3-Dichlorobenzene	8.94	146	458918	24.50	ug/L		99
76) C309	4-Isopropyltoluene	8.94	119	877927	25.98	ug/L		98
77) C267	1,4-Dichlorobenzene	9.02	146	472989	23.65	ug/L		98
78) C249	1,2-Dichlorobenzene	9.33	146	448454	24.24	ug/L		97
79) C310	n-Butylbenzene	9.28	91	831758	25.89	ug/L		98
80) C286	1,2-Dibromo-3-Chloro	10.00	75	42342	20.33	ug/L		81
81) C313	1,2,4-Trichlorobenze	10.65	180	312522	24.88	ug/L		97
82) C316	Hexachlorobutadiene	10.76	225	158704	23.37	ug/L		99
83) C314	Naphthalene	10.87	128	860156	21.54	ug/L		99
84) C934	1,2,3-Trichlorobenze	11.05	180	294732	24.26	ug/L		99

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

Quantitation Report TA Buffalo (QT Reviewed)

Data File : D:\MSDChem\S\Data\113010\S1795.D Vial: 4
Acq On : 30 Nov 2010 10:50 Operator: JRS
Sample : 10K2674-BS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 11:39:01 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Initial Calibration
DataAcq Meth : VOA

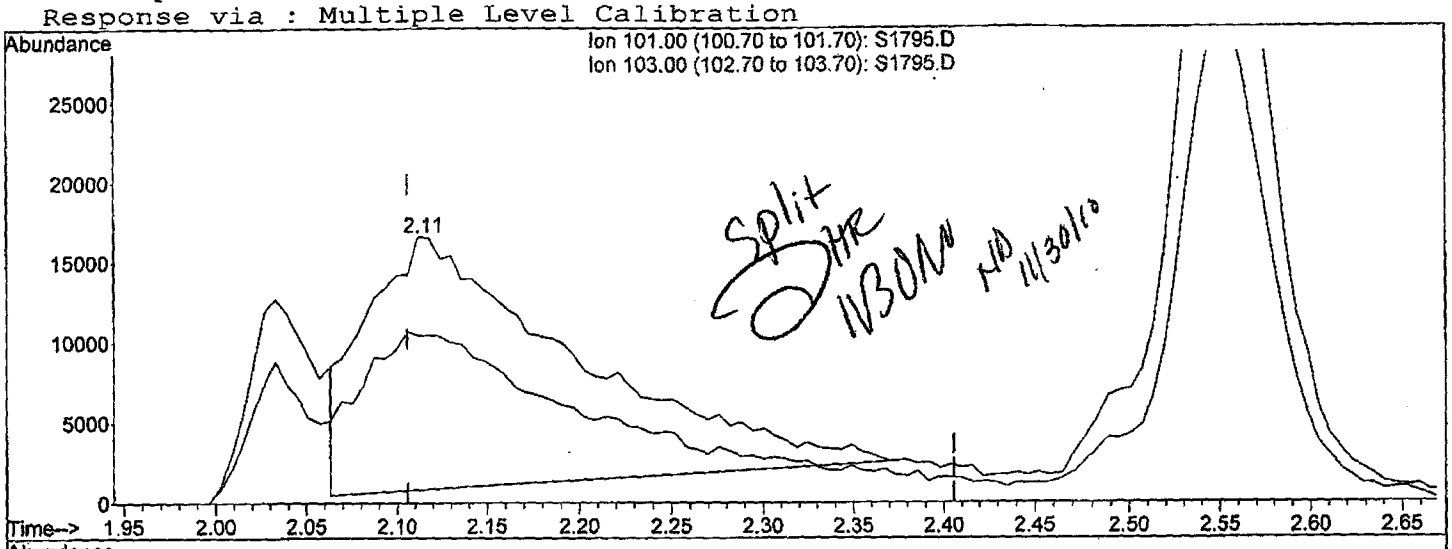


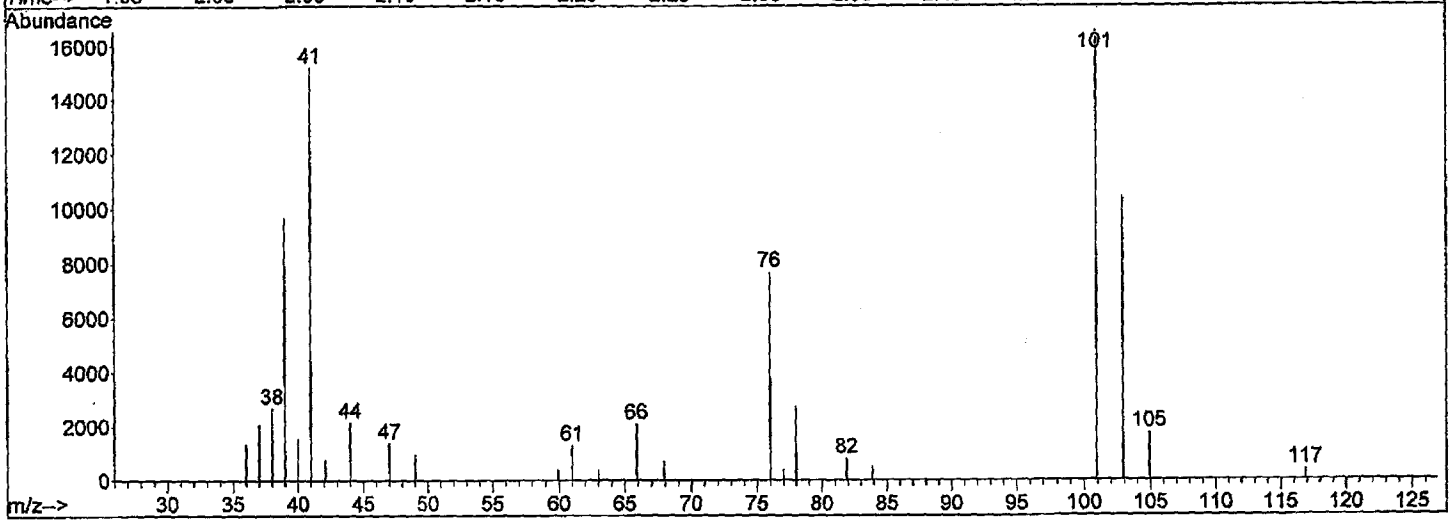
Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\113010\S1795.D
Acq On : 30 Nov 2010 10:50
Sample : 10K2674-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 11:38:12 2010

Vial: 4
Operator: JRS
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Multiple Level Calibration





TIC: S1795.D

(7) C275 Trichlorofluoromethane (T)

2.11min (+0.006) 15.04ug/L

response 125778

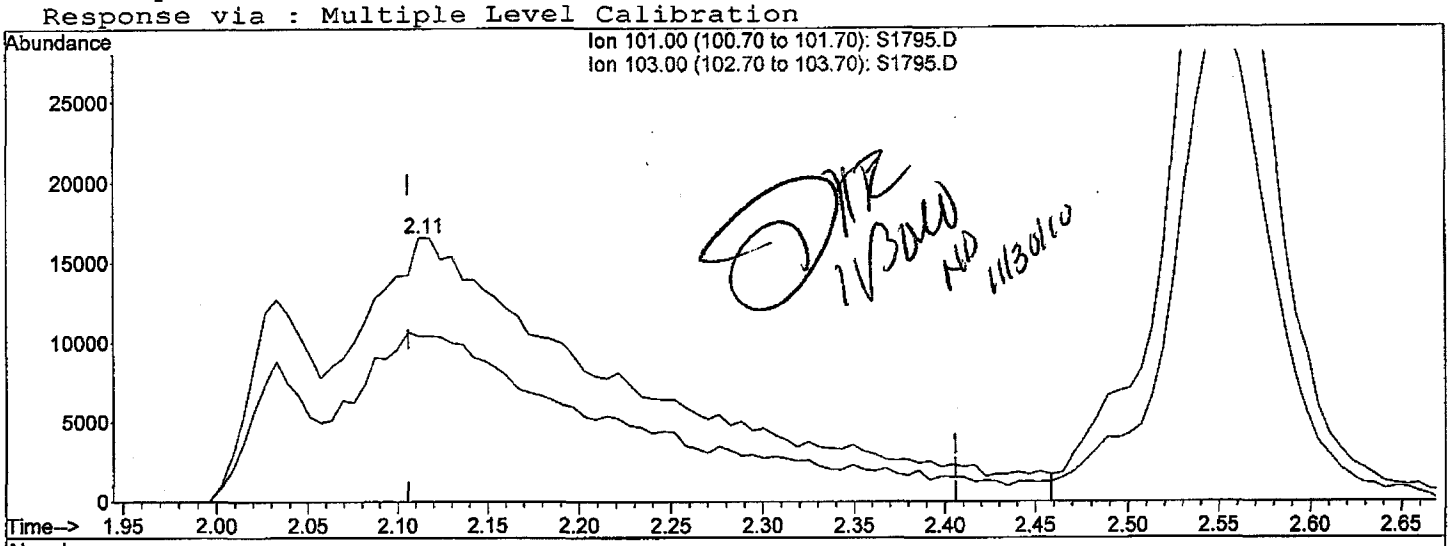
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	62.86
0.00	0.00	0.00
0.00	0.00	0.00

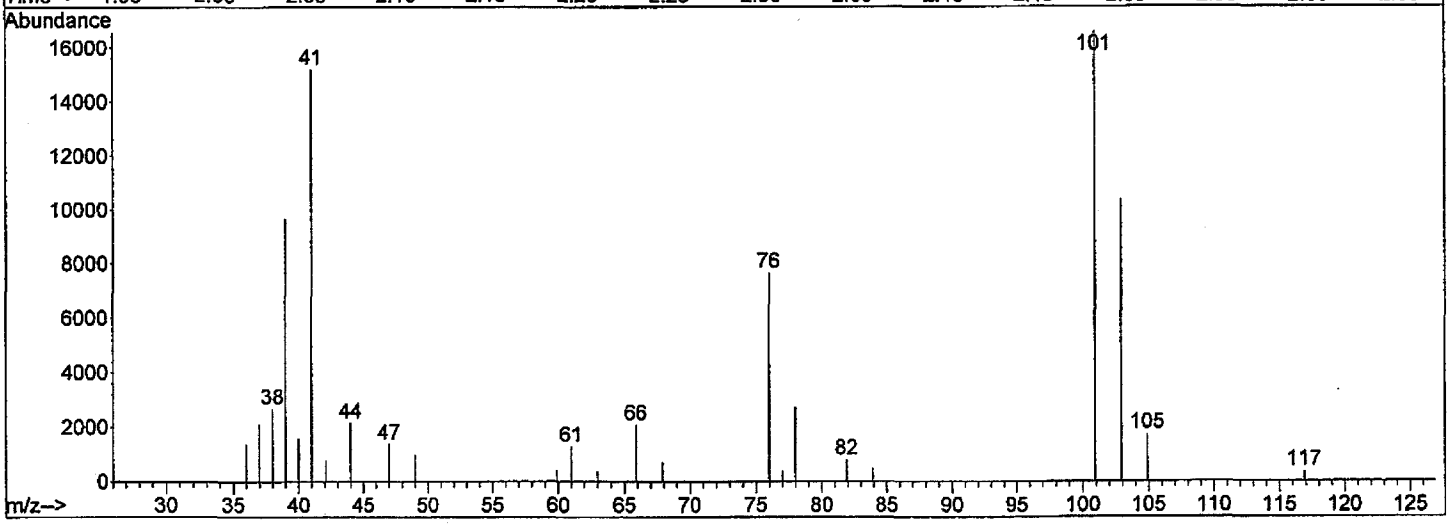
Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\113010\S1795.D
Acq On : 30 Nov 2010 10:50
Sample : 10K2674-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 11:38:12 2010

Vial: 4
Operator: JRS
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Multiple Level Calibration





TIC: S1795.D

(7) C275 Trichlorofluoromethane (T)

2.11min (+0.006) 23.63ug/L m

response 197599

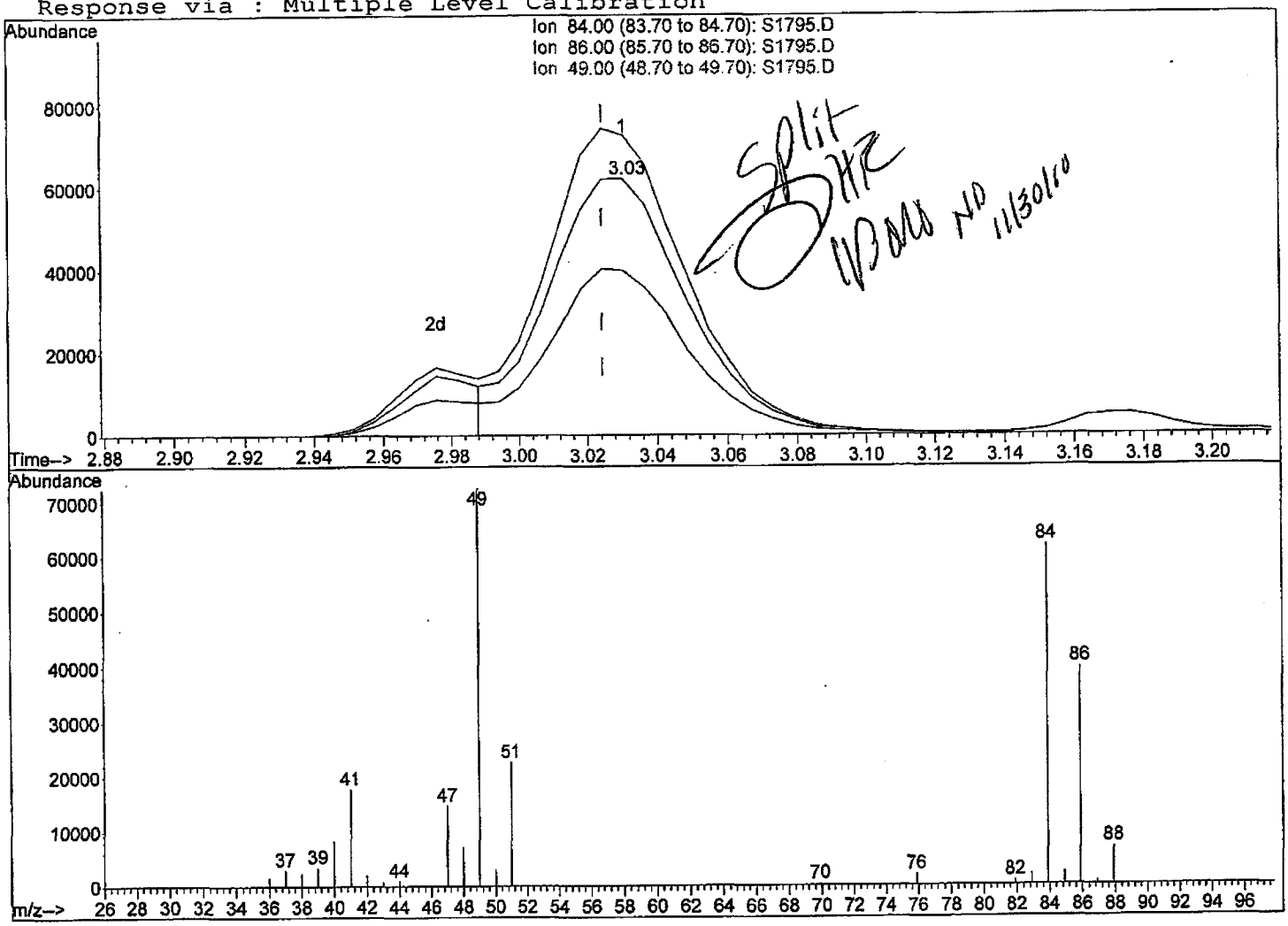
Ion	Exp%	Act%
101.00	100	100
103.00	64.90	62.86
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\113010\S1795.D
Acq On : 30 Nov 2010 10:50
Sample : 10K2674-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 11:38:12 2010

Vial: 4
Operator: JRS
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Multiple Level Calibration



TIC: S1795.D

(9) C030 Methylene chloride (T)

3.03min (+0.006) 21.71ug/L

response 173483

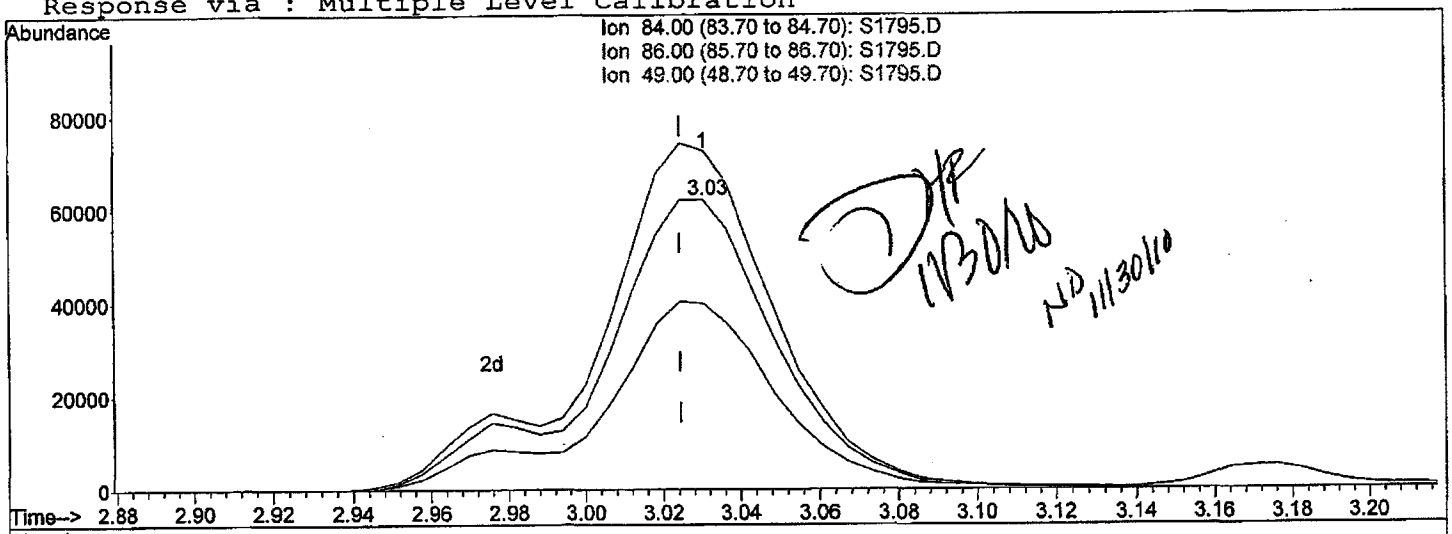
Ion	Exp%	Act%
84.00	100	100
86.00	61.90	64.06
49.00	142.60	117.03
0.00	0.00	0.00

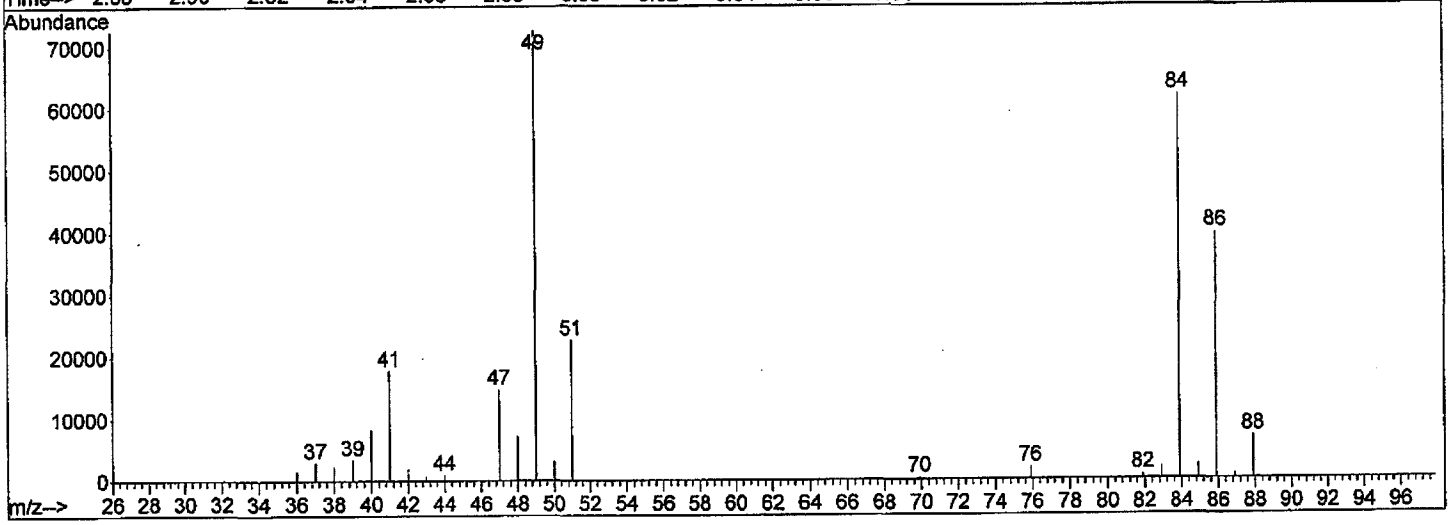
Quantitation Report (Qedit)

Data File : D:\MSDChem\S\Data\113010\S1795.D
Acq On : 30 Nov 2010 10:50
Sample : 10K2674-BS1
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 30 11:38:12 2010

Vial: 4
Operator: JRS
Inst : HP5973S
Multiplr: 1.00

Method : D:\MSDCHEM\S\MET...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 11:37:38 2010
Response via : Multiple Level Calibration





TIC: S1795.D

(9) C030 Methylene chloride (T)

3.03min (+0.006) 24.56ug/L m

response 196273

Ion	Exp%	Act%
84.00	100	100
86.00	61.90	64.06
49.00	142.60	117.03
0.00	0.00	0.00

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	10K2778-BS1	File ID:	S1824.D
Sampled:		Prepared:	11/30/10 21:21	Analyzed:	11/30/10 22:44
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL

Batch: 10K2778 Sequence: T005455 Calibration: R10K091 Instrument: HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
71-55-6	1,1,1-Trichloroethane	1	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1	1.0	U
79-00-5	1,1,2-Trichloroethane	1	1.0	U
76-13-1	1,1,2-Trichlorotrifluoroethane	1	1.0	U
75-34-3	1,1-Dichloroethane	1	24.0	
75-35-4	1,1-Dichloroethene	1	21.0	
120-82-1	1,2,4-Trichlorobenzene	1	1.0	U
95-63-6	1,2,4-Trimethylbenzene	1	26.0	
96-12-8	1,2-Dibromo-3-chloropropane	1	1.0	U
106-93-4	1,2-Dibromoethane (EDB)	1	1.0	U
95-50-1	1,2-Dichlorobenzene	1	24.8	
107-06-2	1,2-Dichloroethane	1	24.7	
78-87-5	1,2-Dichloropropane	1	1.0	U
108-67-8	1,3,5-Trimethylbenzene	1	1.0	U
541-73-1	1,3-Dichlorobenzene	1	1.0	U
106-46-7	1,4-Dichlorobenzene	1	1.0	U
123-91-1	1,4-Dioxane	1	40	U
78-93-3	2-Butanone (MEK)	1	10	U
591-78-6	2-Hexanone	1	5.0	U
99-87-6	4-Isopropyltoluene	1	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	1	5.0	U
67-64-1	Acetone	1	10	U
71-43-2	Benzene	1	23.6	
75-27-4	Bromodichloromethane	1	1.0	U
75-25-2	Bromoform	1	1.0	U
74-83-9	Bromomethane	1	1.0	U
75-15-0	Carbon disulfide	1	1.0	U
56-23-5	Carbon Tetrachloride	1	1.0	U
108-90-7	Chlorobenzene	1	25.9	
124-48-1	Chlorodibromomethane	1	1.0	U
75-00-3	Chloroethane	1	1.0	U
67-66-3	Chloroform	1	1.0	U
74-87-3	Chloromethane	1	1.0	U
156-59-2	cis-1,2-Dichloroethene	1	24.0	
10061-01-5	cis-1,3-Dichloropropene	1	1.0	U
110-82-7	Cyclohexane	1	1.0	U
75-71-8	Dichlorodifluoromethane	1	1.0	U
100-41-4	Ethylbenzene	1	26.5	
98-82-8	Isopropylbenzene	1	1.0	U

Form 1

ORGANIC ANALYSIS DATA SHEET

8260B

LCS

Laboratory:	TestAmerica Buffalo			SDG:	RTK1380
Client:	HRP Engineering, PC			Project:	710 Ohio Street, Buffalo, NY
Matrix:	Water	Laboratory ID:	10K2778-BS1	File ID:	S1824.D
Sampled:		Prepared:	11/30/10 21:21	Analyzed:	11/30/10 22:44
Solids:		Preparation:	5030B MS	Initial/Final:	5 mL / 5 mL
Batch:	10K2778	Sequence:	T005455	Calibration:	R10K091
				Instrument:	HP5973S

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
79-20-9	Methyl Acetate	1	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1	25.1	
108-87-2	Methylcyclohexane	1	1.0	U
75-09-2	Methylene Chloride	1	1.0	U
91-20-3	Naphthalene	1	1.0	U
104-51-8	n-Butylbenzene	1	1.0	U
103-65-1	n-Propylbenzene	1	1.0	U
135-98-8	sec-Butylbenzene	1	1.0	U
100-42-5	Styrene	1	1.0	U
98-06-6	tert-Butylbenzene	1	1.0	U
127-18-4	Tetrachloroethene	1	25.6	
108-88-3	Toluene	1	25.6	
156-60-5	trans-1,2-Dichloroethene	1	24.3	
10061-02-6	trans-1,3-Dichloropropene	1	1.0	U
79-01-6	Trichloroethene	1	23.9	
75-69-4	Trichlorofluoromethane	1	1.0	U
75-01-4	Vinyl chloride	1	1.0	U
1330-20-7	Xylenes, total	1	81.2	

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	25.0	28.3	113	66 - 137	
4-Bromofluorobenzene	25.0	26.9	108	73 - 120	
Toluene-d8	25.0	29.7	119	71 - 126	

INTERNAL STANDARD	AREA	RT	REF AREA	REF RT	Q
1,4-Dichlorobenzene-d4	288001	9	293655	9	
1,4-Difluorobenzene	616867	4.93	625254	4.93	
Chlorobenzene-d5	282682	7.13	298495	7.13	

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1824.D Vial: 4
Acq On : 30 Nov 2010 22:44 Operator: NMD
Sample : 10K2778-BS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 23:20:33 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 23:20:20 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1822.D (30 Nov 2010 22:02)

S+S NLG 11/30/10

Internal Standards		R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) CI10	1,4-Difluorobenzene	4.93	114	616867	25.00	ug/L	0.00 98.66%
42) CI20	Chlorobenzene-D5	7.13	82	282682	25.00	ug/L	0.00 94.70%
62) CI30	1,4-Dichlorobenzene-	9.00	152	288001	25.00	ug/L	0.00 98.07%
System Monitoring Compounds							
30) CS15	1,2-Dichloroethane-D	4.64	65	244920	28.26	ug/L	0.00
Spiked Amount	25.000	Range	66 - 137	Recovery	=	113.04%	
43) CS05	Toluene-D8	6.02	98	749331	29.74	ug/L	0.00
Spiked Amount	25.000	Range	71 - 126	Recovery	=	118.96%	
61) CS10	p-Bromofluorobenzene	8.07	174	229778	26.94	ug/L	0.00
Spiked Amount	25.000	Range	73 - 120	Recovery	=	107.76%	
Target Compounds							Qvalue
2) C290	Dichlorodifluorome	0.00	85	0	N.D.		
3) C010	Chloromethane	0.00	50	0	N.D.		
4) C020	Vinyl chloride	0.00	62	0	N.D.		
5) C015	Bromomethane	0.00	94	0	N.D.		
6) C025	Chloroethane	0.00	64	0	N.D.		
7) C275	Trichlorofluoromet	0.00	101	0	N.D.		
8) C045	1,1-Dichloroethene	2.56	96	181706	21.00	ug/L	88
9) C030	Methylene chloride	3.04	84	3118	N.D.		
10) C040	Carbon disulfide	0.00	76	0	N.D.		
11) C036	Acrolein	0.00	56	0	N.D.		
12) C038	Acrylonitrile	3.17	53	7233	1.79	ug/L #	19
13) C035	Acetone	2.65	43	1261	N.D.		
14) C300	Acetonitrile	0.00	41	0	N.D.		
15) C276	Iodomethane	0.00	142	0	N.D.		
16) C291	1,1,2-Trichloro-1,	0.00	101	0	N.D.		
17) C962	T-butyl Methyl Ether	3.17	73	563218	25.12	ug/L	97
18) C057	trans-1,2-Dichloroet	3.18	96	210575	24.29	ug/L	93
19) C255	Methyl Acetate	0.00	43	0	N.D.		
20) C050	1,1-Dichloroethane	3.54	63	354582	24.03	ug/L	99
21) C125	Vinyl Acetate	0.00	43	0	N.D.		
22) C051	2,2-Dichloropropan	0.00	77	0	N.D.		
23) C056	cis-1,2-Dichloroethe	4.00	96	218973	24.03	ug/L	95
24) C272	Tetrahydrofuran	0.00	42	0	N.D.		
25) C222	Bromochloromethane	0.00	128	0	N.D.		
26) C060	Chloroform	4.25	83	604	N.D.		
27) C115	1,1,1-Trichloroeth	0.00	97	0	N.D.		
28) C120	Carbon tetrachlori	0.00	117	0	N.D.		
29) C116	1,1-Dichloropropen	0.00	75	0	N.D.		
31) C165	Benzene	4.64	78	850906	23.58	ug/L	100
32) C065	1,2-Dichloroethane	4.69	62	286730	24.70	ug/L	98
33) C110	2-Butanone	0.00	43	0	N.D.		
34) C256	Cyclohexane	0.00	56	0	N.D.		
35) C150	Trichloroethene	5.11	95	214427	23.89	ug/L	98
36) C140	1,2-Dichloropropan	0.00	63	0	N.D.		
37) C278	Dibromomethane	0.00	93	0	N.D.		
38) C130	Bromodichlorometha	0.00	83	0	N.D.		
39) C161	2-Chloroethylvinyl	0.00	63	0	N.D.		

12/3/10

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1824.D Vial: 4
Acq On : 30 Nov 2010 22:44 Operator: NMD
Sample : 10K2778-BS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 23:20:33 2010 Results File: R10K091-SIXPT.RES

Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 23:20:20 2010
Response via : Initial Calibration
DataAcq Meth : VOA
IS QA File : D:\MSDCHEM\S\DATA\113010\S1822.D (30 Nov 2010 22:02)

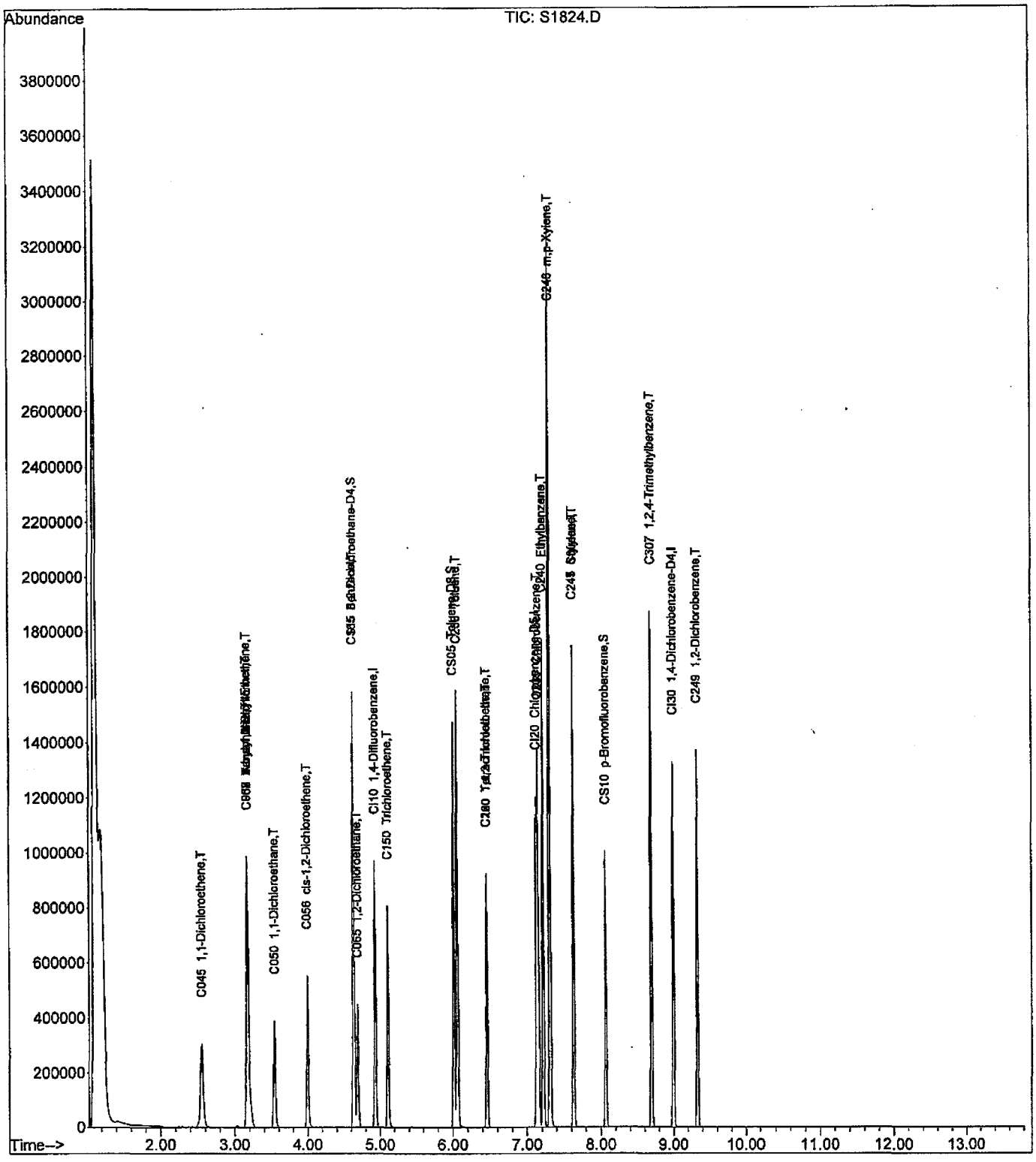
Internal Standards			R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
40)	C012	Methylcyclohexane	5.11	83	2528	N.D.	
41)	C145	cis-1,3-Dichloropr	0.00	75	0	N.D.	
44)	C230	Toluene	6.07	92	539038	25.60 ug/L	93
45)	C170	trans-1,3-Dichloro	0.00	75	0	N.D.	
46)	C284	Ethyl Methacrylate	0.00	69	0	N.D.	
47)	C160	1,1,2-Trichloroethan	6.46	83	3505	0.56 ug/L #	23
48)	C210	4-Methyl-2-pentano	6.02	43	2755	N.D.	
49)	C220	Tetrachloroethene	6.46	166	224884	25.60 ug/L	97
50)	C221	1,3-Dichloropropan	0.00	76	0	N.D.	
51)	C155	Dibromochlorometha	0.00	129	0	N.D.	
52)	C163	1,2-Dibromoethane	0.00	107	0	N.D.	
53)	C215	2-Hexanone	0.00	43	0	N.D.	
54)	C235	Chlorobenzene	7.16	112	592686	25.88 ug/L	99
55)	C281	1,1,1,2-Tetrachlor	0.00	131	0	N.D.	
56)	C240	Ethylbenzene	7.22	91	1025558	26.53 ug/L	100
57)	C246	m,p-Xylene	7.31	106	799544	53.95 ug/L	96
58)	C247	o-Xylene	7.63	106	381466	27.27 ug/L	95
59)	C245	Styrene	7.63	104	18243	0.78 ug/L #	1
60)	C180	Bromoform	0.00	173	0	N.D.	
63)	C966	Isopropylbenzene	7.92	105	1625	N.D.	
64)	C301	Bromobenzene	0.00	156	0	N.D.	
65)	C225	1,1,2,2-Tetrachlor	8.07	83	137	N.D.	
66)	C282	1,2,3-Trichloropro	0.00	110	0	N.D.	
67)	C283	t-1,4-Dichloro-2-B	0.00	51	0	N.D.	
68)	C302	n-Propylbenzene	8.06	91	693	N.D.	
69)	C303	2-Chlorotoluene	0.00	126	0	N.D.	
70)	C289	4-Chlorotoluene	0.00	126	0	N.D.	
71)	C304	1,3,5-Trimethylben	8.38	105	2486	N.D.	
72)	C306	tert-Butylbenzene	0.00	134	0	N.D.	
73)	C307	1,2,4-Trimethylbenze	8.69	105	861179	25.98 ug/L	98
74)	C308	sec-Butylbenzene	8.82	105	1059	N.D.	
75)	C260	1,3-Dichlorobenzen	9.02	146	2189	N.D.	
76)	C309	4-Isopropyltoluene	8.91	119	775	N.D.	
77)	C267	1,4-Dichlorobenzen	9.02	146	2189	N.D.	
78)	C249	1,2-Dichlorobenzene	9.33	146	477928	24.81 ug/L	96
79)	C310	n-Butylbenzene	0.00	91	0	N.D.	
80)	C286	1,2-Dibromo-3-Chlo	0.00	75	0	N.D.	
81)	C313	1,2,4-Trichloroben	10.65	180	162	N.D.	
82)	C316	Hexachlorobutadien	0.00	225	0	N.D.	
83)	C314	Naphthalene	10.87	128	770	N.D.	
84)	C934	1,2,3-Trichloroben	0.00	180	0	N.D.	

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

Quantitation Report TA Buffalo (Not Reviewed)

Data File : D:\MSDCHEM\S\DATA\113010\S1824.D Vial: 4
Acq On : 30 Nov 2010 22:44 Operator: NMD
Sample : 10K2778-BS1 Inst : HP5973S
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P

Quant Time: Nov 30 23:20:33 2010 Results File: R10K091-SIXPT.RES
Quant Method : D:\MSDCHEM\S...\R10K091-SIXPT.M (RTE Integrator)
Title : 8260 5ML WATER
Last Update : Tue Nov 30 23:20:20 2010
Response via : Initial Calibration
DataAcq Meth : VOA



HOLDING TIME SUMMARY

8260B

Laboratory: TestAmerica Buffalo SDG: RTK1380

Client: HRP Engineering, PC Project: 710 Ohio Street, Buffalo, NY

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
MW-1	11/18/10 11:20	11/18/10 13:45	11/30/10 11:28	12	14	11/30/10 15:03	12	14	
MW-2	11/18/10 12:30	11/18/10 13:45	11/30/10 11:28	12	14	11/30/10 15:25	12	14	
MW-3R	11/18/10 13:15	11/18/10 13:45	11/30/10 11:28	12	14	11/30/10 15:46	12	14	
MW-5	11/18/10 11:55	11/18/10 13:45	11/30/10 21:21	12	14	12/01/10 00:22	13	14	
X-1	11/18/10 00:00	11/18/10 13:45	11/30/10 11:28	12	14	11/30/10 16:29	12	14	
TRIP BLANK	11/18/10 00:00	11/18/10 13:45	11/30/10 11:28	12	14	11/30/10 16:50	12	14	

* Indicates a Holding Time violation.

GC/MS VOLATILE INJECTION LOG

Logbook # A10-05-06
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
11/19/10	1247	JHC	S1444	10K1970-BLK1	QC	5ml		—
	1304		45	RTK1100-09	K1100			1
	1326		46	RTK1145-01	K1145			4
	1347		47	02	1			1
	1409		48	RTK1190-01	K1190			1
1430	1451		49	02				1
1451	1512		50	03				1
1512	1534		51	04				1
1534	1555		52	05				1
1555	1616		53	06				1
1616	1638		54	07				1
1638	—		55	08				1
8/19/223	1659		56	09				1
	1720		57	10				1
	1741		58	11				1
	1803		59	RTK0253-01	K1253			10
	1825		60	02				10
	1846		61	03				1
11/19/10	2307	CM	S1462	T005292-TUN1	CAL	Sml		1
	—		S1463	IBLK-CAL1 CM 11/19/10				
	2358		S1464	T005292-CAL1				
	0019		S1465	-CAL2				
	0041		S1466	-CAL3				
	0102		S1467	-CAL4				
	0124		S1468	-CAL5				
	0145		S1469	-CAL6				
	—		S1470	IBLK				
	0228		S1471	T005292-CAL7				
	0250		S1472	-CAL8				
	0311		S1473	-CAL9				
	0333		S1474	-CALA				
	0354		S1475	-CALB				
	0416		S1476	-CALC				
	—		S1477	IBLK				
			S1478	MDLV	QC			
	0520		S1479	T005292-SCV1	1			

REVIEWED BY_____ PAGE _____

000037

GC/MS VOLATILE INJECTION LOG

Logbook # A10-05-06
Rev 1, 11/09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	RT13448	Y	X	BA-Surr out
			X	
			X	
		Y	X	BA-Surr out
			X	
		Y	X	BA-Surr out
			X	
		Y	X	BA-Surr out
			X	
		Y	X	BA-Surr out
		Y	X	
		Y	X	
		Y	X	
		Y	X	
		Y	X	
		Y	X	
		Y	X	
		Y	X	
		Y	X	PASS
RT12565				
	RT14184/208			
RT14210				8260 (R10K091)
RT14211				
RT14223				
RT14224				
RT14225				
RT14226				
RT13802				8260 AM (R10K091-AM)
RT13803				
RT13804				
RT13805				
RT13826				
RT13807				
CM 11/19/10				
RT14227				
				LINES NOT USED

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GC/MS VOLATILE INJECTION LOG
Logbook # A10-05-06
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
11/9/10	1243	DK	S1444	OK1970-BLK1	QC	5ml		—
	1304		45	RTK1100-09	K1100			1
	1316		46	RTK1145-01	K1145			4
	1347		47	02	⊥			1
	1409		48	RTK1190-01	K1190			1
1430	~~1451~~		49	02				1
1451	~~1512~~		50	03				1
1512	~~1534~~		51	04				1
1534	~~1555~~		52	05				1
1555	~~1616~~		53	06				1
1616	~~1638~~		54	07				1
1638			55	08				1
	1658		56	09				1
	1720		57	10				1
	1741		58	11				1
	1803		59	RTK1253-01	K1253			10
	1825		60	02				10
	1846		61	03				1
11/19/10	2307	CML	S1462	T005292-TUN1	CAL	1ul		
	—		S1463	IBLK ~~CAL1~~		5ul		
	2358		S1464	T005292-CAL1				
	0019		S1465	-CAL2				
	0041		S1466	-CAL3				
	0102		S1467	⊛ -CAL4				
	0124		S1468	-CAL5				
	0145		S1469	-CAL6				
	—		S1470	IBLK				
	0228		S1471	T005292-CAL7				
	0250		S1472	-CAL8				
	0311		S1473	-CAL9				
	0333		S1474	⊛ -CALA				
	0354		S1475	-CALB				
	0416		S1476	-CALC				
	—		S1477	IBLK				
			S1478	MDLV	QC			
	0520		S1479	T005292-SCV1				

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GC/MS VOLATILE INJECTION LOG
Logbook # A10-05-06
Rev 1, 11/09

STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	RT13447		—	
	13448	Y	X	RA - Surr out
			~7	
			X	
		Y	X	RA - Surr out
			X	
		Y	X	RA - Surr out
			X	
		Y	X	RA - Surr out
			X	
		Y	X	RA - Surr out
		Y	X	
		Y	X	
		Y	X	
		Y	X	
		Y	~7	
		Y	X	
		Y	X	PASS
RT12565				
	RT14184/188			
RT14220				8260 (R10K091)
RT14221				
RT14223				
RT14224				
RT14225				
RT14226				
RT13802				8260 AM (R10K091.AM)
RT13803				
RT13804				
RT13805				
RT13806				
RT13807				
CML 11/19/10				
RT14227				
				LINES NOT USED ⊥

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GC/MS VOLATILE INJECTION LOG

Logbook # A10-05-06
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.
11/3/2010	0432	JL	S1783	RTK1415-17	K1415	5mL		1
	0453		S1784	18				1
	0515		S1785	19				1
	0536		S1786	20				1
	0558		S1787	21				1
	0619		S1788	10K2665-MS1				1
	0641		S1789	MSD1				1
	0703		S1790	MS2				1
	0724		S1791	MSD2				1
11/3/2010	0945	DHC	S1792	T005434-TUNI	QC	1ml		—
	1008		93	CCV1		5ml		—
	1029		94	CCV2				—
	1050		95	10K2674 - BS1				—
	1111		96	BLK1				—
	1201		97	10K2700 - BS1 (mL)			5.00	—
	1222		98	BLK1 (mL)			5.00	—
	1256		99	RTK1433-12 RE1	K1433 (NL)		5.00	1
	1317		S1800	18 RE1			5.03	1
	1338		01	RTK1440-04 RE1	K1440		5.07	1
	1359		02	06 RE1			5.02	1
	1421		03	RTK1520-14 RE1	K1520		5.00	1
	1442		04	RTK1433-19 RE1	K1433		5.00	1
	1503		05	RTK1380-01	K1380			1
	1525		06	02				1
	1546		07	03 9th 13010				1
	1608		08	RTK1433-13 ~~04~~ RE1 mL	RT Ǩ1433		5.00	1
	1625		09	05				1
	1650		10	06				1
	1712		11	RTK1387-01	K1387			1
	1733		12	02				1
	1754		13	03				1
	1816		14	04				1
	1837		15	05				1
	1858		16	RTK1388-01	K1388			1
	1919		17	02				1
	1941		18	03				1
	2002		19	04				1
	2024		20	05				1

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GC/MS VOLATILE INJECTION LOG

Logbook # A10-05-06
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STD #	IS/SS MIX #	ReRun?	pH <2	Comments
	RT14441/RT14428		X	
			X	
			X	
			X	
			X	
			X	RTK1415-07MS
			X	07SD
			X	12MS
			X	12SD
RT12565				PASS
RT14258	RT14441/	—		8260 (R10K091)
RT14260	14518	—		Add (R10K091-Add)
		—		
		—		
RT14118 (mL)	/13010	—		
		—		
		N	—	Not needed!
			—	
			—	
		Y	—	RA@10X
		Y	—	RE1@20X
			—	
			X	
			X	
			X	
			—	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	
			X	

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GC/MS VOLATILE INJECTION LOG

Logbook # A10-05-06
Rev. 1, 11/09

Date	Time	Analyst	File #	Sample ID	Job#	Inj. Vol.	Ext. Wt.	D.F.	STD #	IS/SS MIX #	ReRun?	pH <2	Comments
11/30/10	2140	ND	S1821	T005455-TUNI	QC	1uL	7	7	RT12565				PDS1
	2202		S1822	-ICV1		5mL			RT14258	RT14441			82160 (R10K091)
	2223		S1823	-ICV2					RT14260	14218			MDD (R10K091-ADD)
	~~2306~~ 2344		S1824	10K2778-BS1					RT14328				
	2339 2306		S1825	-BLK1									
12/~~1~~0	~~0000~~ 2339	30K psm	S1826	RTK1440-06PE1	K1440		5.02	10				X	
12/10	0001		S1827	RTK1520-74PE1	K1520		5.00	20				X	
	0022		S1828	RTK1380-04	K1380			1				X	
	0050		S1829	RTK1395-01	K1395			1				X	
	0111		S1830	02				1				X	
	0133		S1831	03				1				X	
	0154		S1832	04				1				X	
	0216		S1833	05				1				X	
	0237		S1834	RTK1504-01	14504			1				X	
	0259		S1835	02				1				X	
	0320		S1836	03				1				X	
	0342		S1837	04				1				X	
	0403		S1838	05				1				X	
	0424		S1839	06				1				X	
	0446		S1840	07				1				X	
	0512		S1841	~~08~~ 10				1				X	
12/2/2010	0533		S1842	~~09~~ 11				1				X	
	0555		S1843	~~10~~ 12				1				X	
	0616		S1844	11 13				1				X	
	0638		S1845	12 14				1				X	
	0659		S1846	13 15				1				X	
	0721		S1847	10K2778-14 MS1				1				X	
	0742		S1848	15 MSD1				1	RT14328			X	

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GC/MS VOLATILE INJECTION LOG

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Volatile Organic Example Calculation

METHOD 8260/624/OLM04.3

Aqueous Matrix

$$\frac{\text{Amt (ug/L)} \times \text{DF}}{} = \text{ug/l}$$

Amt = ug/L on column
DF=Dilution Factor (no units)

METHOD 8260/OLM04.3

Medium-Level Soil Matrix

$$\frac{\text{Amt (UG/L} \times \text{DF} \times \text{FV}}{\text{SW} \times \text{DDW} \times \text{inj Vol}} \times 1000 = \text{ug/kg}$$

Amt = Amount on column (ug/L x 5 =ng)
DF=Dilution Factor (no units)
FV= Final Volume (ml) (FV /50)
Inj Vol= injection volume(ul)
SW = Sample Weight (g)
DDW = Decimal Dry Weight (no units, dry wgt/100)

METHOD 8260/OLM04.3

Low-Level Soil Matrix

$$\frac{\text{Amt (ng)} \times \text{DF}}{\text{SW} \times \text{DDW}} = \text{ug/kg}$$

Amt = ng on column
DF=Dilution Factor (no units)
SW = Sample Weight (g)
DDW = Decimal Dry Weight (no units, dry wgt/100)

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APPENDIX D

PHOTOGRAPHS

Repaired Monitoring Well Casing – MW-1

AST Tank Farm

HVE Shed

Interior of HVE Shed

Interior of HVE Shed

Monitoring Well MW-4