P.W. GROSSER CONSULTING

October 11, 2010

Mr. Robert DeCandia, NYSDEC
Division of Environmental Remediation
NYS Department of Environmental Conservation
625 Broadway, 11th Floor
Albany, N.Y. 12233-7015

Re: Monitoring Well Sampling Report
Safeguard Storage Properties LLC Facility
1170 Atlantic Avenue, Baldwin, NY 11510
VCP # V00523

Dear Mr. DeCandia:

P.W. Grosser Consulting, Inc. (PWGC) has prepared this report to document the monitoring well sampling event which occurred at the Safeguard Storage Facility in Baldwin, New York in July 2010. A site vicinity map is included as **Figure 1**. The purpose of the sampling event was to obtain current water quality data to determine water quality trends at the subject site.

BACKGROUND

Due to the discharge of chlorinated solvents to the site's subsurface during past site usage, the site was entered into the NYSDEC's Voluntary Cleanup Program (VCP). The subsequent remediation included the cleanout of an on-site drywell located on the east side of the present site building. Endpoint samples demonstrated that the drywell was successfully cleaned out and is, therefore, no longer a significant source of volatile organic compound (VOC) impact.

In April 2008, groundwater samples were collected from water table monitoring wells located throughout the site. Results of the sampling indicated residual concentrations of VOCs in four of the site's six monitoring wells. The most elevated VOC concentrations were from monitoring well MW-5, located to the east of the drywell near the bulkhead. The drywell and the monitoring wells are indicated on **Figure 2**.

Dense non-aqueous phase liquid (DNAPL) has not been observed during investigation activities. Therefore, a mechanism for downward migration at the site is not present. Results of the May 2009 Deep Groundwater Sampling indicated that downward migration of residual VOCs is not occurring at the subject site (*Deep Groundwater Sampling Report*, PWGC, June 2009).

PWGC concluded that, based on the findings of the various site investigations, that (a) vapor intrusion is not occurring in the site's building, (b) the drywell which acted as the source of VOCs

has been remediated and closed, and (c) DNAPL has not been observed at the site. PWGC recommended no further action for the site.

In an October 2009 letter, the NYSDEC required further action at the site, based in part on VOC levels in groundwater. Because only two samples have been analyzed from the key monitoring well MW-5 (in April 2008 and May 2009), PWGC recommended that additionol sampling at the MW-5 location would be useful to help the NYSDEC and Safeguard in their discussion of whether additional actions need to be taken at the site.

In an April 2010 letter, the NYSDEC suggested that the sampling of MW-5 by itself may not provide sufficient information to fully characterize contaminant trends at the site, and also required that additional field parameters be measured during the sampling event. PWGC prepared the *Monitoring Well Sampling Work Plan*, May 2010, which included the sampling of four of the site's six monitoring wells.

GROUNDWATER SAMPLING

Groundwater sampling from the four monitoring wells in which residual concentrations of VOCs were previously detected (MW-3, MW-4, MW-5, and MW-6) was be performed on July 20, 2010, following the procedures of PWGC's NYSDEC-approved *Monitoring Well Sampling Work Plan*, May 2010, and the *Remedial Investigation Results and Supplemental Workplan*, January 2007, both previously submitted under separate covers. The NYSDEC approval letter is included as **Appendix A**. Monitoring well locations and the abandoned drywell are indicated on **Figure 2**. Prior to sample collection, groundwater was purged from each monitoring well utilizing a submersible pump until turbidity was reduced, to allow for the collection of a representative sample. Field parameters including dissolved oxygen (DO), specific conductance, pH, and oxidation reduction potential (ORP) were measured during the purging to aid in the evaluation of natural attenuation. Sample collection began approximately one hour before low tide and was completed approximately one hour after low tide during the stabilization phase. Sampling equipment was decontaminated prior to the collection of each sample with an Alconox® solution. Purged water was containerized in a 55-gallon drum pending proper disposal. Well Sampling Logs are included as **Appendix B**.

Samples were collected into laboratory-supplied glassware and placed in a cooler with ice for transport to Environmental Testing Laboratories, Inc. (ETL), of Farmingdale, New York, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory.

The samples were analyzed for the presence of VOCs by United States Environmental Protection Agency (USEPA) Method 8260 (NYSDEC TAGM 4046 list).

QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

QA/QC procedures were followed to provide information regarding the accuracy and completeness with the sampling and analysis conducted as part of this investigation. Field

QA/QC samples included a trip blank and a field blank, which were analyzed for VOCs. A data summary package was provided by the laboratory. ETL documented in the analytical report that there were no problems with the analyses and that the data for the QC samples met laboratory specifications.

ANALYTICAL RESULTS

Analytical results for VOCs were compared to the NYSDEC's Class GA Groundwater Standards contained in NYSDEC's *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998*, and to historical VOC results from groundwater samples collected previously from the site. The results of this sampling event are included on **Table 1**. They are also included on **Table 2** which summarizes historical VOC data as well. Laboratory Data Sheets are included as **Appendix C**. **Table 3** summarizes field parameters which may indicate natural attenuation.

Historical VOC concentrations at the subject site indicate a process of natural attenuation. This is evidenced by the decrease of 111-trichloroethane (111-TCA) in monitoring well MW-5 (the well with historically the highest VOC concentrations), and the increase of its daughter products 11-dichloroethane (11-DCA) and chloroethane. Other VOCs which have attenuated in MW-5 include 11-dichloroethene, cis-12-dichloroethene, and trichloroethene, which dechlorinate into vinyl chloride, and then to ethene. This process is also evident in MW-3, in which the 11-DCA concentration has substantially decreased and its breakdown product, chloroethane has increased. The concentrations of 111-TCA in MW-6 and 11-DCA in MW-4 and MW-6 have also decreased to below detection limits.

With the complete break down of 111-TCA in MW-5, the concentration of 11-DCA should begin to decrease. This has already occurred in MW-3, in which the 11-DCA concentration has substantially decreased. The same is expected to occur for chloroethane concentrations in MW-3 and MW-5, following the attenuation of 11-DCA. The chloroethane will dechlorinate into ethane.

Dissolved oxygen (DO) concentrations were generally low, indicating an anaerobic natural attenuation process of reductive dechlorination, in which the chlorine atoms of parent compounds are replaced by hydrogen atoms. Reductive dechlorination is performed by bacteria ORP is negative at each location, indicating that the area is either in the process of reductive dechlorination, or has undergone reductive dechlorination in the past.

The intrusion of surface water into monitoring well MW-5 may be increasing the dissolved oxygen levels on a tidal basis. The unstable oxygen concentration may be retarding the attenuation process of the chlorinated compounds.

CONCLUSIONS AND RECOMMENDATIONS

Findings of previous investigation at the site concluded that:

- Vapor intrusion is not occurring in the site's building. The NYSDEC has agreed with this finding.
- SVOCs in surface soils are inherent in the dredge spoils which comprises the site's soils. The surface soils are either capped with asphalt pavement, or stabilized with grass. There were no unstabilized surface soils observed at the subject site. Based on this, the risk of airborne exposure to the SVOCs appears to be low.
- The drywell which acted as the source of subsurface VOCs has been remediated and closed, leaving limited residual VOCs in soils and groundwater at depths corresponding to the water table, rather than in shallow soils. Analytical results of the drywell investigation conducted for the soils surrounding the drywell indicated that detected concentrations of VOCs were within NYSDEC 6 NYCRR Part 375 Commercial Cleanup Objectives. According to ATC's *Remedial Investigation Report*, May 2005, surface water sampling was performed in the canal surrounding the site, and sediment adjacent to the bulkhead was sampled. Detected VOCs in both surface water samples and sediment samples were within NYSDEC Standards, indicating that VOCs had not impacted the surface water or the canal bottom sediment.
- DNAPL has not been observed at the subject site.
- VOCs have not migrated downward.

PWGC concludes that, based on decreased concentrations of parent compounds, the low concentrations of dissolved oxygen, and the negative ORP measurements, a process of natural attenuation through reductive dechlorination is present at the site.

PWGC recommends another round of monitoring well sampling at the site in October 2010. This follow-up sampling was also recommended by NYSDEC. Results of an October sampling can be used to further evaluate contaminant trends. The sampling would follow PWGC's NYSDEC-approved *Monitoring Well Sampling Work Plan*, May 2010. PWGC also recommends that DO concentrations in the monitoring wells and the surface water be monitored for half of a tidal cycle (including high and low tide), to determine if surface water infiltration at MW-5 may be creating an aerobic condition which would slow natural attenuation.

If you have any questions concerning the site or require further information, please do not hesitate to contact this office.

Very truly yours,
P.W. GROSSER CONSULTING, INC.

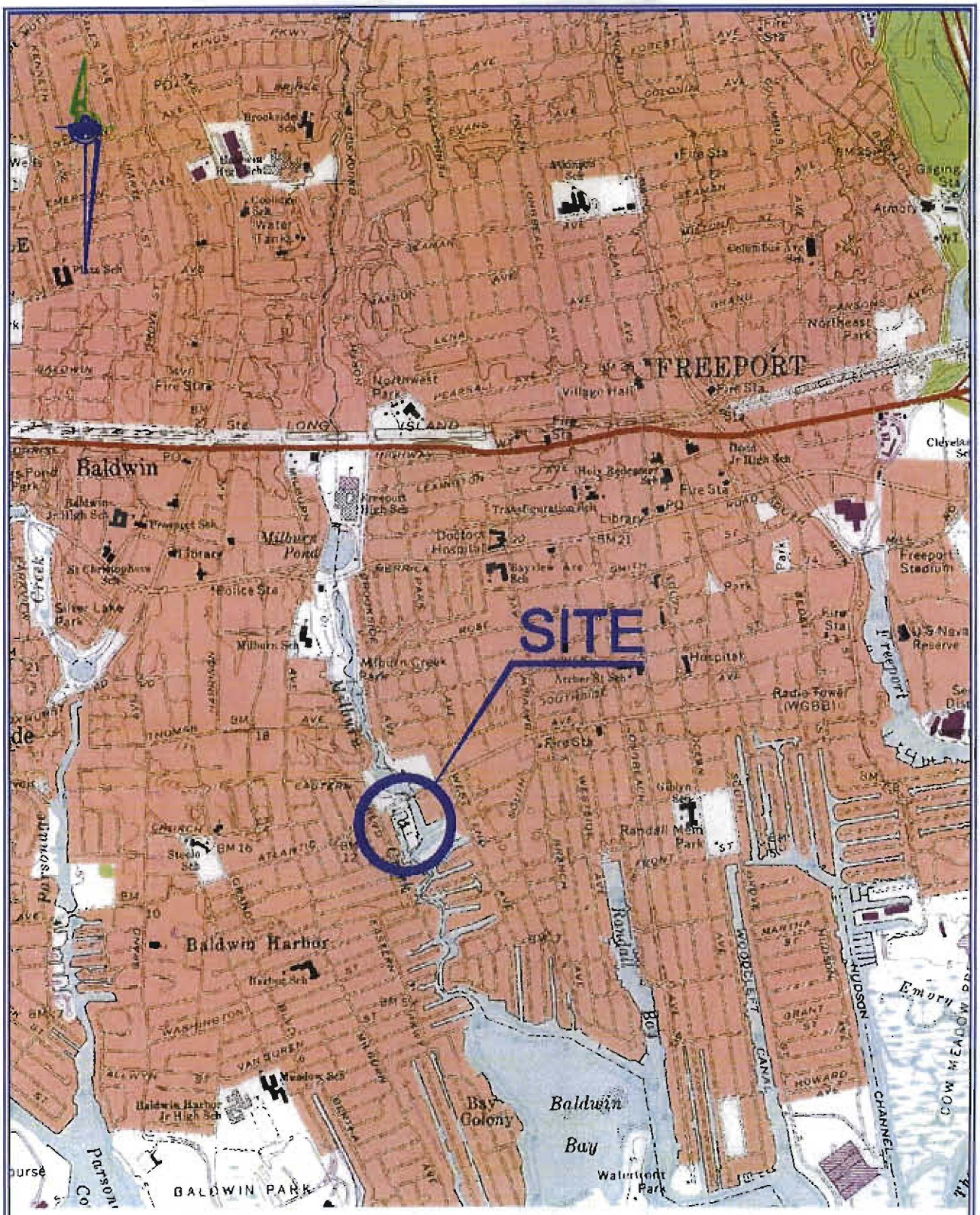
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M. Lesser, NYSDEC
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J. Goonan, Safeguard
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FIGURES



VICINITY MAP

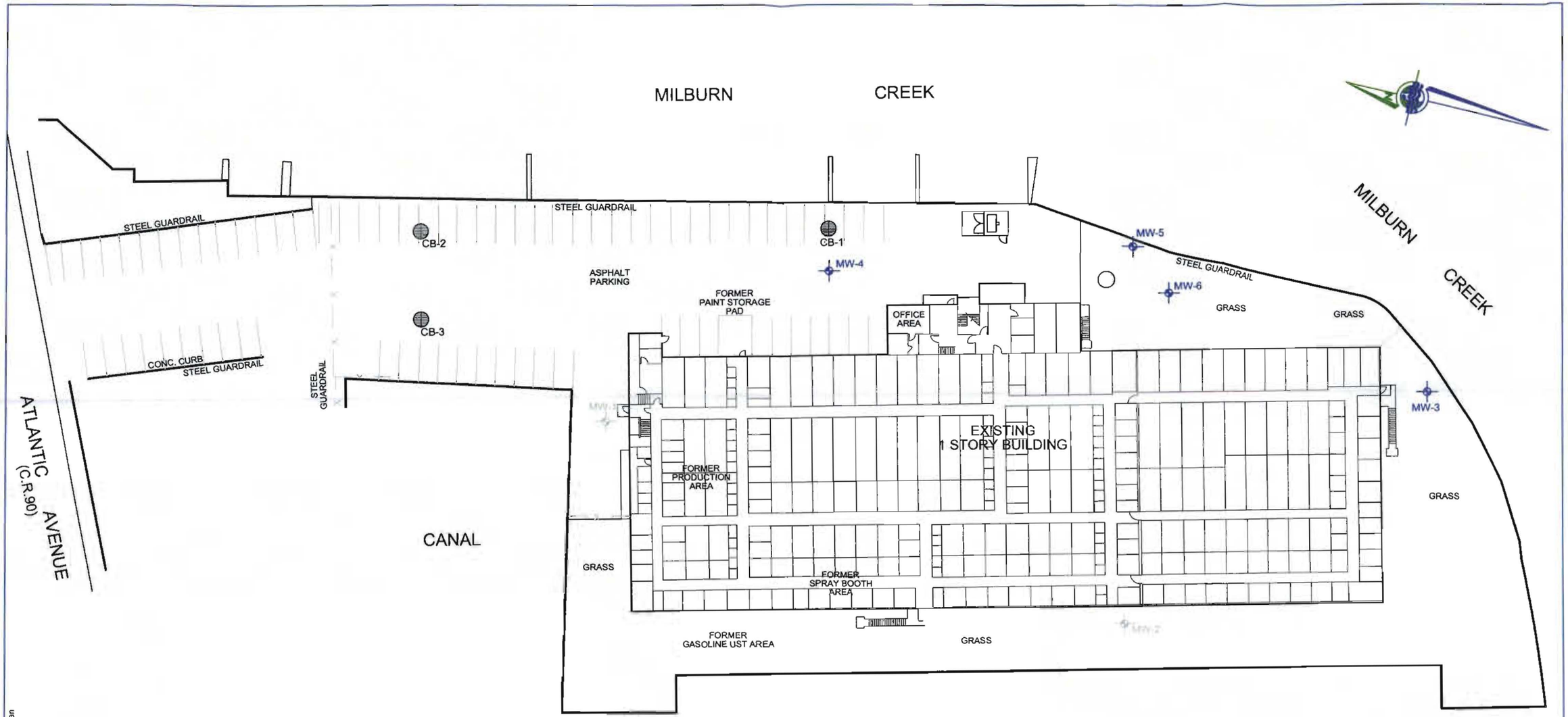
SCALE: 1:24,000

PWGC
Paragon Environmental & Engineering Solutions

1170 ATLANTIC AVENUE
BALDWIN, NY 11510

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10/05/08



LEGEND

- MONITORING WELL
- DRYWELL OF CONCERN
- CATCH BASIN
- CHAIN LINK FENCE
- STORAGE UNIT

BASEMAP PROVIDED BY:
ATC ASSOCIATES INC.
ENVIRONMENTAL, GEOTECHNICAL AND
MATERIALS PROFESSIONALS
104 E.25th ST. 10th FLOOR
NEW YORK, NY 10010

0 40 80
SCALE: 1" = 40'

SITE PLAN & SAMPLE LOCATION
1170 ATLANTIC AVENUE
BALDWIN, NY 11510

PWGC
Strategic Environmental & Engineering Solutions
630 Johnson Ave. Suite 7 Bohemia, N.Y. 11716-2618
Ph: 631 589-6353 Fx: 631 589-8705 E-mail: info@pwgrosser.com

Project: SSS1001	Designed By: ZY	Figure No: 2
CADD Operator: LLG	Approved By: PWG	Date: 3/24/10

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TABLES

TABLE 1
GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8260

Compound	NYSDEC Groundwater Standards**	MW-3	MW-4	MW-5	MW-6	Field Blank	Trip Blank
		7/20/2010					
Volatile Organic Compounds by 8260 - ug/L							
1112Tetrachloroethane	5	<4.20	<0.42	<0.42	<0.42	<0.42	<0.42
111 Trichloroethane	5	<5.20	<0.52	2.23	<0.52	<0.52	<0.52
1122Tetrachloroethane	5	<4.60	<0.46	<0.46	<0.46	<0.46	<0.46
112 Trichloro-122 trifluoroethane	5	<4.70	<0.47	<0.47	<0.47	<0.47	<0.47
112 Trichloroethane	1	<5.10	<0.51	<0.51	<0.51	<0.51	<0.51
1,1 Dichloroethane	4	**43.9**	<0.30	**2450**	<0.30	<0.30	<0.30
1,1 Dichloroethene	5	<3.70	<0.37	<0.37	<0.37	<0.37	<0.37
1,1-Dichloropropene	5	<3.60	<0.36	<0.36	<0.36	<0.36	<0.36
123-Trichlorobenzene	5	<3.60	<0.36	<0.36	<0.36	<0.36	<0.36
123-Trichloropropane	0.04	<5.40	<0.54	<0.54	<0.54	<0.54	<0.54
1245 Tetramethylbenzene	5	<3.50	<0.35	<0.35	<0.35	<0.35	<0.35
124-Trichlorobenzene (v)	5	<4.50	<0.45	<0.45	<0.45	<0.45	<0.45
124-Trimethylbenzene	5	<4.40	<0.44	<0.44	<0.44	<0.44	<0.44
12 Dibromo 3 chloropropane	0.04	<2.80	<0.28	<0.28	<0.28	<0.28	<0.28
1,2 Dibromoethane	NS	<4.70	<0.47	<0.47	<0.47	<0.47	<0.47
1,2 Dichlorobenzene (v)	3	<4.90	<0.49	<0.49	<0.49	<0.49	<0.49
1,2 Dichloroethane	0.6	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50
1,2 Dichloropropane	1	<5.20	<0.52	<0.52	<0.52	<0.52	<0.52
135-Trimethylbenzene	5	<4.30	<0.43	<0.43	<0.43	<0.43	<0.43
1,3 Dichlorobenzene (v)	3	<3.80	<0.38	<0.38	<0.38	<0.38	<0.38
1,3-Dichloropropane	5	<4.60	<0.46	<0.46	<0.46	<0.46	<0.46
1,4 Dichlorobenzene (v)	3	<4.00	<0.40	<0.40	<0.40	<0.40	<0.40
2,2-Dichloropropane	5	<5.90	<0.59	<0.59	<0.59	<0.59	<0.59
2-Butanone	NS	<19.2	<1.92	<1.92	<1.92	<1.92	<1.92
2-Chloroethyl vinyl ether	NS	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50
2-Chlorotoluene	5	<3.60	<0.36	<0.36	<0.36	<0.36	<0.36
2-Hexanone	50*	<22.3	<2.23	<2.23	<2.23	<2.23	<2.23
4-Chlorotoluene	5	<5.20	<0.52	<0.52	<0.52	<0.52	<0.52
4-Isopropyltoluene	5	<3.40	<0.34	<0.34	<0.34	<0.34	<0.34
4-Methyl-2-pentanone	NS	<18.2	<1.82	<1.82	<1.82	<1.82	<1.82
Acetone	50*	<29.2	<2.92	<2.92	<2.92	<2.92	<2.92
Acrylonitrile	5	<76.5	<7.65	<7.65	<7.65	<7.65	<7.65
Benzene	1	<4.30	<0.43	<0.43	<0.43	<0.43	<0.43
Bromobenzene	5	<3.70	<0.37	<0.37	<0.37	<0.37	<0.37
Bromochloromethane	5	<5.30	<0.53	<0.53	<0.53	<0.53	<0.53
Bromodichloromethane	50*	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50
Bromoform	50*	<3.70	<0.37	<0.37	<0.37	<0.37	<0.37
Bromomethane	5	<5.90	<0.59	<0.59	<0.59	<0.59	<0.59
Carbon Disulfide	60***	<4.00	<0.40	<0.40	<0.40	<0.40	<0.40
Carbon Tetrachloride	5	<4.40	<0.44	<0.44	<0.44	<0.44	<0.44
Chlorobenzene	5	<4.80	<0.48	<0.48	<0.48	<0.48	<0.48
Chlorodifluoromethane	NS	<4.70	<0.47	<0.47	<0.47	<0.47	<0.47
Chloroethane	5	**417**	<0.94	**1420**	<0.94	<0.94	<0.94
Chloroform	7	<4.60	<0.46	<0.46	<0.46	<0.46	<0.46
Chloromethane	5	<5.10	<0.51	<0.51	<0.51	<0.51	<0.51
c-1,2-Dichloroethene	5	<4.20	<0.42	<0.42	<0.42	<0.42	<0.42
c-1,3Dichloropropene	0.4	<5.20	<0.52	<0.52	<0.52	<0.52	<0.52
Dibromochloromethane	NS	<4.30	<0.43	<0.43	<0.43	<0.43	<0.43
Dibromomethane	5	<4.70	<0.47	<0.47	<0.47	<0.47	<0.47
Dichlordifluoromethane	5	<4.90	<0.49	<0.49	<0.49	<0.49	<0.49
Ethyl Benzene	5	<4.10	<0.41	<0.41	<0.41	<0.41	<0.41
Hexachlorobutadiene	0.5	<5.40	<0.54	<0.54	<0.54	<0.54	<0.54
Isopropylbenzene	5	<4.40	<0.44	<0.44	<0.44	<0.44	<0.44
m + p Xylene	5	<8.60	<0.86	<0.86	<0.86	<0.86	<0.86
ter.ButylMethylEther	10	<5.00	<0.50	<0.50	<0.50	<0.50	<0.50
Methylene Chloride	5	<3.90	<0.39	<0.39	<0.39	<0.39	<0.39
Naphthalene(v)	10*	<3.30	<0.33	<0.33	<0.33	<0.33	<0.33
n-Butylbenzene	5	<4.30	<0.43	<0.43	<0.43	<0.43	<0.43
n-Propylbenzene	5	<4.10	<0.41	<0.41	<0.41	<0.41	<0.41
o Xylene	5	<3.70	<0.37	<0.37	<0.37	<0.37	<0.37
p Diethylbenzene	NS	<3.90	<0.39	<0.39	<0.39	<0.39	<0.39
p-Ethyltoluene	NS	<3.90	<0.39	<0.39	<0.39	<0.39	<0.39
sec-Butylbenzene	5	<3.60	<0.36	<0.36	<0.36	<0.36	<0.36
Styrene	5	<3.90	<0.39	<0.39	<0.39	<0.39	<0.39
TAME		<7.70	<0.77	<0.77	<0.77	<0.77	<0.77
t-Butyl alcohol	NS	<89.2	<8.92	<8.92	<8.92	<8.92	<8.92
tert-Butylbenzene	5	<4.40	<0.44	<0.44	<0.44	<0.44	<0.44
Tetrachloroethene	5	<5.90	<0.59	<0.59	<0.59	<0.59	<0.59
Toluene	5	<4.50	<0.45	<0.45	<0.45	<0.45	<0.45
t-1,2-Dichloroethene	5	<2.70	<0.27	<0.27	<0.27	<0.27	<0.27
t-1,3Dichloropropene	0.4 (1)	<3.70	<0.37	<0.37	<0.37	<0.37	<0.37
Trichloroethene	5	<4.60	<0.46	<0.46	<0.46	<0.46	<0.46
Trichlorofluoromethane	5	<5.20	<0.52	<0.52	<0.52	<0.52	<0.52
Vinyl Chloride	2	<4.30	<0.43	**19.6**	<0.43	<0.43	<0.43

Notes:
** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
*** - NYSDEC Ambient Water Quality Standards and Guidance Values, Addendum April 2000
* - Guidance Value
< - Indicates the compound was analyzed but not detected
NS - No Standard
Bold/shaded- Indicated exceedance of the NYSDEC Groundwater Standard
(1) Applies to sum of cis and trans 1,3

TABLE 2
HISTORICAL GROUNDWATER ANALYTICAL RESULTS FOR
VOLATILE ORGANIC COMPOUNDS
EPA METHOD 8260

Compound	NYSDEC Standards	MW-1 4/9/08	MW-2 4/9/08	MW-3 4/9/08	MW-3 7/20/10	MW-4 4/9/08	MW-4 7/20/10	MW-5 4/9/08	MW-5 5/7/09	MW-5 7/20/10	MW-6 4/9/08	MW-6 7/20/10
VOCs by 8260 - ug/L												
1112Tetrachloroethane	5	<1.0	<1.0	<1.0	<4.20	<1.0	<0.42	<1.0	<1.0	<0.42	<1.0	<0.42
111 Trichloroethane	5	<1.0	<1.0	<1.0	<5.20	<1.0	<0.52	**390**	**250**	2.23	1.1	<0.52
1122Tetrachloroethane	5	<1.0	<1.0	<1.0	<4.60	<1.0	<0.46	<1.0	<1.0	<0.46	<1.0	<0.46
112 Trichloro-122 trifluoroe	5	<1.0	<1.0	<1.0	<4.70	<1.0	<0.47	<1.0	<1.0	<0.47	<1.0	<0.47
112 Trichloroethane	1	<1.0	<1.0	<1.0	<5.10	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<0.51
1,1 Dichloroethane	4	<1.0	<1.0	**680**	**43.9**	**2.3**	<0.30	**1800**	**2100**	**2450**	**6.5**	<0.30
1,1 Dichloroethene	5	<1.0	<1.0	<1.0	<3.70	<1.0	<0.37	11	3.6	<0.37	<1.0	<0.37
1,1-Dichloropropene	5	<1.0	<1.0	<1.0	<3.60	<1.0	<0.36	<1.0	<1.0	<0.36	<1.0	<0.36
123-Trichlorobenzene	5	<1.0	<1.0	<1.0	<3.60	<1.0	<0.36	<1.0	<1.0	<0.36	<1.0	<0.36
123-Trichloropropane	0.04	<1.0	<1.0	<1.0	<5.40	<1.0	<0.54	<1.0	<1.0	<0.54	<1.0	<0.54
1245 Tetramethylbenzene	5	<1.0	<1.0	<1.0	<3.50	<1.0	<0.35	<1.0	<1.0	<0.35	<1.0	<0.35
124-Trichlorobenzene (v)	5	<1.0	<1.0	<1.0	<4.50	<1.0	<0.45	<1.0	<1.0	<0.45	<1.0	<0.45
124-Trimethylbenzene	5	<1.0	<1.0	<1.0	<4.40	<1.0	<0.44	<1.0	<1.0	<0.44	<1.0	<0.44
12 Dibromo 3 chloropropan	0.04	<1.0	<1.0	<1.0	<2.80	<1.0	<0.28	<1.0	<1.0	<0.28	<1.0	<0.28
1,2 Dibromoethane	NS	<1.0	<1.0	<1.0	<4.70	<1.0	<0.47	<1.0	<1.0	<0.47	<1.0	<0.47
1,2 Dichlorobenzene (v)	3	<1.0	<1.0	<1.0	<4.90	<1.0	<0.49	<1.0	<1.0	<0.49	<1.0	<0.49
1,2 Dichloroethane	0.6	<1.0	<1.0	<1.0	<5.00	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<0.50
1,2 Dichloropropane	1	<1.0	<1.0	<1.0	<5.20	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<0.52
135-Trimethylbenzene	5	<1.0	<1.0	<1.0	<4.30	<1.0	<0.43	<1.0	<1.0	<0.43	<1.0	<0.43
1,3 Dichlorobenzene (v)	3	<1.0	<1.0	<1.0	<3.80	<1.0	<0.38	<1.0	<1.0	<0.38	<1.0	<0.38
1,3-Dichloropropane	5	<1.0	<1.0	<1.0	<4.60	<1.0	<0.46	<1.0	<1.0	<0.46	<1.0	<0.46
1,4 Dichlorobenzene (v)	3	<1.0	<1.0	<1.0	<4.00	<1.0	<0.40	<1.0	<1.0	<0.40	<1.0	<0.40
2,2-Dichloropropane	5	<1.0	<1.0	<1.0	<5.90	<1.0	<0.59	<1.0	<1.0	<0.59	<1.0	<0.59
2-Butanone	NS	<3.0	<3.0	<3.0	<19.2	<3.0	<1.92	<3.0	<3.0	<1.92	<3.0	<1.92
2-Chloroethyl vinyl ether	NS	<1.0	<1.0	<1.0	<5.00	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<0.50
2-Chlorotoluene	5	<1.0	<1.0	<1.0	<3.60	<1.0	<0.36	<1.0	<1.0	<0.36	<1.0	<0.36
2-Hexanone	50*	<1.0	<1.0	<1.0	<22.3	<1.0	<2.23	<1.0	<1.0	<2.23	<1.0	<2.23
4-Chlorotoluene	5	<1.0	<1.0	<1.0	<5.20	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<0.52
4-Isopropyltoluene	5	<1.0	<1.0	<1.0	<3.40	<1.0	<0.34	<1.0	<1.0	<0.34	<1.0	<0.34
4-Methyl-2-pentanone	NS	<2.0	<2.0	<2.0	<18.2	<2.0	<1.82	<2.0	<2.0	<1.82	<2.0	<1.82
Acetone	50*	<2.0	<2.0	<2.0	<29.2	<2.0	<2.92	<2.0	<2.0	<2.92	<2.0	<2.92
Acrylonitrile	5	<1.0	<1.0	<1.0	<76.5	<1.0	<7.65	<1.0	<1.0	<7.65	<1.0	<7.65
Benzene	1	<1.0	<1.0	<1.0	<4.30	<1.0	<0.43	<1.0	0.61 J	<0.43	<1.0	<0.43
Bromobenzene	5	<1.0	<1.0	<1.0	<3.70	<1.0	<0.37	<1.0	<1.0	<0.37	<1.0	<0.37
Bromochloromethane	5	<1.0	<1.0	<1.0	<5.30	<1.0	<0.53	<1.0	<1.0	<0.53	<1.0	<0.53
Bromodichloromethane	50*	<1.0	<1.0	<1.0	<5.00	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<0.50
Bromoform	50*	<1.0	<1.0	<1.0	<3.70	<1.0	<0.37	<1.0	<1.0	<0.37	<1.0	<0.37
Bromomethane	5	<1.0	<1.0	<1.0	<5.90	<1.0	<0.59	<1.0	<1.0	<0.59	<1.0	<0.59
Carbon Disulfide	60***	<1.0	<1.0	<1.0	<4.00	<1.0	<0.40	<1.0	<1.0	<0.40	<1.0	<0.40
Carbon Tetrachloride	5	<1.0	<1.0	<1.0	<4.40	<1.0	<0.44	<1.0	<1.0	<0.44	<1.0	<0.44
Chlorobenzene	5	<1.0	<1.0	<1.0	<4.80	<1.0	<0.48	<1.0	<1.0	<0.48	<1.0	<0.48
Chlorodifluoromethane	NS	<1.0	<1.0	<1.0	<4.70	<1.0	<0.47	<1.0	<1.0	<0.47	<1.0	<0.47
Chloroethane	5	<1.0	<1.0	<1.0	**417**	<1.0	<0.94	**560**	**970**	**1420**	<1.0	<0.94
Chloroform	7	<1.0	<1.0	<1.0	<4.60	<1.0	<0.46	<1.0	<1.0	<0.46	<1.0	<0.46
Chloromethane	5	<1.0	<1.0	<1.0	<5.10	<1.0	<0.51	<1.0	<1.0	<0.51	<1.0	<0.51
c-1,2-Dichloroethene	5	<1.0	<1.0	<1.0	<4.20	<1.0	<0.42	4.3	<1.0	<0.42	<1.0	<0.42
c-1,3Dichloropropene	0.4	<1.0	<1.0	<1.0	<5.20	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<0.52
Dibromochloromethane	NS	<1.0	<1.0	<1.0	<4.30	<1.0	<0.43	<1.0	<1.0	<0.43	<1.0	<0.43
Dibromomethane	5	<1.0	<1.0	<1.0	<4.70	<1.0	<0.47	<1.0	<1.0	<0.47	<1.0	<0.47
Dichlordifluoromethane	5	<1.0	<1.0	<1.0	<4.90	<1.0	<0.49	<1.0	<1.0	<0.49	<1.0	<0.49
Ethyl Benzene	5	<1.0	<1.0	<1.0	<4.10	<1.0	<0.41	<1.0	<1.0	<0.41	<1.0	<0.41
Hexachlorobutadiene	0.5	<1.0	<1.0	<1.0	<5.40	<1.0	<0.54	<1.0	<1.0	<0.54	<1.0	<0.54
Isopropylbenzene	5	<1.0	<1.0	<1.0	<4.40	<1.0	<0.44	<1.0	<1.0	<0.44	<1.0	<0.44
m + p Xylene	5	<2.0	<2.0	<2.0	<8.60	<2.0	<0.86	<2.0	<2.0	<0.86	<2.0	<0.86
ter.ButylMethylEther	10	<1.0	<1.0	<1.0	<5.00	<1.0	<0.50	<1.0	<1.0	<0.50	<1.0	<0.50
Methylene Chloride	5	4.5 B	4.1 B	4.6 B	<3.90	4.3 B	<0.39	4.6 B	7.3 B	<0.39	3.8 B	<0.39
Naphthalene(v)	10*	<1.0	<1.0	<1.0	<3.30	<1.0	<0.33	<1.0	<1.0	<0.33	<1.0	<0.33
n-Butylbenzene	5	<1.0	<1.0	<1.0	<4.30	<1.0	<0.43	<1.0	<1.0	<0.43	<1.0	<0.43
n-Propylbenzene	5	<1.0	<1.0	<1.0	<4.10	<1.0	<0.41	<1.0	<1.0	<0.41	<1.0	<0.41
o Xylene	5	<1.0	<1.0	<1.0	<3.70	<1.0	<0.37	<1.0	<1.0	<0.37	<1.0	<0.37
p Diethylbenzene	NS	<1.0	<1.0	<1.0	<3.90	<1.0	<0.39	<1.0	<1.0	<0.39	<1.0	<0.39
p-Ethyltoluene	NS	<1.0	<1.0	<1.0	<3.90	<1.0	<0.39	<1.0	<1.0	<0.39	<1.0	<0.39
sec-Butylbenzene	5	<1.0	<1.0	<1.0	<3.60	<1.0	<0.36	<1.0	<1.0	<0.36	<1.0	<0.36
Styrene	5	<1.0	<1.0	<1.0	<3.90	<1.0	<0.39	<1.0	<1.0	<0.39	<1.0	<0.39
TAME		<1.0	<1.0	<1.0	<7.70	<1.0	<0.77	<1.0	<1.0	<0.77	<1.0	<0.77
t-Butyl alcohol	NS	<1.0	<1.0	<1.0	<89.2	<1.0	<8.92	<1.0	<1.0	<8.92	<1.0	<8.92
tert-Butylbenzene	5	<1.0	<1.0	<1.0	<4.40	<1.0	<0.44	<1.0	<1.0	<0.44	<1.0	<0.44
Tetrachloroethene	5	<1.0	<1.0	<1.0	<5.90	<1.0	<0.59	<1.0	<1.0	<0.59	<1.0	<0.59
Toluene	5	<1.0	<1.0	<1.0	<4.50	<1.0	<0.45	<1.0	<1.0	<0.45	<1.0	<0.45
t-1,2-Dichloroethene	5	<1.0	<1.0	<1.0	<2.70	<1.0	<0.27	<1.0	<1.0	<0.27	<1.0	<0.27
t-1,3Dichloropropene	0.4 (1)	<1.0	<1.0	<1.0	<3.70	<1.0	<0.37	<1.0	<1.0	<0.37	<1.0	<0.37
Trichloroethene	5	<1.0	<1.0	<1.0	<4.60	<1.0	<0.46	2.6	<1.0	<0.46	<1.0	<0.46
Trichlorofluoromethane	5	<1.0	<1.0	<1.0	<5.20	<1.0	<0.52	<1.0	<1.0	<0.52	<1.0	<0.52
Vinyl Chloride	2	<1.0	<1.0	<1.0	<4.30	<1.0	<0.43	<1.0	**31**	**19.6**	<1.0	<0.43

Notes:
** - NYSDEC Ambient Water Quality Standards and Guidance Values 6/1998
*** - NYSDEC Ambient Water Quality Standards and Guidance Values, Addendum April 2000
* - Guidance Value
< - Indicates the compound was analyzed but not detected
NS - No Standard
Bold/shaded- Indicated exceedance of the NYSDEC Groundwater Standard
(1) Applies to sum of cis and trans 1,3

APPENDIX A

NYSDEC CORRESPONDENCE

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau A, 11th Floor
625 Broadway, Albany, NY 12233-7015
Phone: (518) 402-9621 • **Fax:** (518) 402-9627
Website: www.dec.ny.gov

Alexander B. Grannis
Commissioner

June 23, 2010

Mr. James Goonan
Safeguard Properties LLC.
105 Maxes Road
Suite 125
Melville, NY 11747

RE: Safeguard Storage; NYSDEC Site Number V00523; Baldwin, NY.
Monitoring well sampling approval

Dear Mr. Goonan:

The New York State Department of Environmental Conservation in consultation with the New York State Department of Health has completed its review of the revised May 26, 2010 Monitoring Well Sampling Work Plan prepared by P.W. Grosser Consulting. We have approved the sampling work plan and have the following comments with regard to scheduling, reporting and project requirements:

- The first round of the proposed sampling should be conducted during July 2010.
- A letter report documenting the field activities and analytical results of the July 2010 sampling event should be forwarded by August 31, 2010.
- If necessary, the second round of sampling will be conducted during October of 2010; or approximately three months after the first sampling event.
- By January 1, 2011 (or sooner): A Remedial Action Plan (including a Remedial Action Selection Report (RAS) or Remedial Alternatives Report (RAR) if appropriate) is required. The Remedial Action Plan should contain all project data, detailed evaluations of results, and discussion of how all site-specific Remedial Action Objectives (RAOs) will be achieved.
- If necessary, the Remedial Action Plan should include, future environmental quality monitoring as part of any monitored natural attenuation plan, the inspection and reporting of paved areas and grass cover or any "caps" as part of an overall site management plan, and/or the use of deed restrictions to maintain the commercial nature of the property.

- Additionally, any natural attenuation final remedy submissions should be supported by ample evidence, trends analysis, and evaluations to demonstrate that on site contaminants are decreasing and will reach project goals within a reasonable timeframe.

We look forward to working together with you to implement a final remedy for the site. Please forward the sampling schedule and contact me if you have any questions or comments.

Sincerely,

R DeC

Robert D. DeCandia Jr., P.E.
Environmental Engineer II

ec: J. Eichler, PW Grosser
J. Rhodes, PW Grosser
S. Turner, Nixon Peabody
M. Lesser, NYSDEC
G. Bobersky, NYSDEC
S. McLelland, NYSDOH

APPENDIX B

WELL SAMPLING LOGS

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-3	**Sampled By:**	JTL
Site Address:	1170 Atlantic Avenue, Baldwin, NY	**Project Manager:**	John Eichler
Project Name:	Safeguard Storage	**Project Number:**	SSS1001

Reference Elevation (ft):	38.86	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NP	**Product Elevation (ft):**	NP
Depth to Water (ft):	2.72	**Groundwater Elevation (ft):**	36.14
Depth to Bottom (ft):	11.91	**Bottom Elevation (ft):**	-26.95
Height of Water Column (ft):	9.19	**Well Diameter (in):**	2
Standing Water Volume (gal):	1.50	**Calculated Purge Volume (gal):**	4.50
Sample Date:	7/20/2010	**Begin Purge Time:**	11:11
Sample Time:	11:32	**Complete Purge Time:**	11:31
Purge Method:	Submersible Pump	**Sample Method:**	Polyethylene Bailer
Purge Rate (gpm):	0.23	**Purge Time (min):**	20
Actual Purge Volume (gal):	4.50	**Casing Volumes Removed:**	3.0
Sample Appearance:	clear	**Odors Observed:**	organic
Analytical Laboratory:	ETL	**Notes:**	Dissolved Oxygen meter broke
Date Shipped:	7/20/2010		
Analyses Requested:			
8260			

Field Indicator Parameters

Casing Volumes	Time	Flow Rate (g/min)	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)		
Initial	11:11	-	23.3	6.56	0.278	-139	1.76		
1	11:19	0.2	20.8	6.82	0.400	-210	3.25		
2	11:28	0.2	19.2	6.92	0.480	-223	2.86		
3	11:30	0.7	20.4	6.96	0.629	-235	-		

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-4	**Sampled By:**	JLL
Site Address:	1170 Atlantic Avenue, Baldwin, NY	**Project Manager:**	John Eichler
Project Name:	Safeguard Storage	**Project Number:**	SSS1001

Reference Elevation (ft):	39.36	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NP	**Product Elevation (ft):**	NP
Depth to Water (ft):	3.41	**Groundwater Elevation (ft):**	35.95
Depth to Bottom (ft):	9.82	**Bottom Elevation (ft):**	-29.54
Height of Water Column (ft):	6.4'	**Well Diameter (in):**	2
Standing Water Volume (gal):	1.05	**Calculated Purge Volume (gal):**	3.14
Sample Date:	7/20/2010	**Begin Purge Time:**	9:50
Sample Time:	10:15	**Complete Purge Time:**	10:14
Purge Method:	Submersible Pump	**Sample Method:**	Polyethylene Bailer
Purge Rate (gpm):	0.14	**Purge Time (min):**	24
Actual Purge Volume (gal):	3.25	**Casing Volumes Removed:**	3.1
Sample Appearance:	turbid	**Odors Observed:**	organic
Analytical Laboratory:	ETL	**Notes:**	
Date Shipped:	7/20/2010		
Analyses Requested:			
8260			

Field Indicator Parameters

Casing Volumes	Time	Flow Rate (g/min)	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)		
Initial			24.3	5.88	0.459	-238	2.27		
1			23.8	6.44	0.765	-240	0.95		
2			24.5	6.72	1.050	-244	1.03		
3			25.0	6.80	1.307	-248	0.70		

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-5	**Sampled By:**	JLL
Site Address:	1170 Atlantic Avenue, Baldwin, NY	**Project Manager:**	John Eichler
Project Name:	Safeguard Storage	**Project Number:**	SSS1001

Reference Elevation (ft):	40.32	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NP	**Product Elevation (ft):**	NP
Depth to Water (ft):	4.78	**Groundwater Elevation (ft):**	35.54
Depth to Bottom (ft):	10.11	**Bottom Elevation (ft):**	-30.21
Height of Water Column (ft):	5.33	**Well Diameter (in):**	2
Standing Water Volume (gal):	0.87	**Calculated Purge Volume (gal):**	2.61
Sample Date:	7/20/2010	**Begin Purge Time:**	11:37
Sample Time:	11:53	**Complete Purge Time:**	11:52
Purge Method:	Submersible Pump	**Sample Method:**	Polyethylene Bailer
Purge Rate (gpm):	0.18	**Purge Time (min):**	15
Actual Purge Volume (gal):	2.75	**Casing Volumes Removed:**	3.2
Sample Appearance:	clear	**Odors Observed:**	none
Analytical Laboratory:	ETL	**Notes:**	Dissolved Oxygen meter broke
Date Shipped:	7/20/2010		
Analyses Requested:			
8260			

Field Indicator Parameters

Casing Volumes	Time	Flow Rate (g/min)	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)		
Initial			24.8	7.07	1.335	-62	-		
1			21.9	7.12	1.196	-47	-		
2			22.6	7.05	1.214	-30	-		
3			19.2	7.15	1.075	48	-		

P.W. GROSSER CONSULTING, Inc

Well Sampling Log

Well Designation:	MW-6	**Sampled By:**	JLL
Site Address:	1170 Atlantic Avenue, Baldwin, NY	**Project Manager:**	John Eichler
Project Name:	Safeguard Storage	**Project Number:**	SSS1001

Reference Elevation (ft):	38.09	**Well Use:**	Monitoring/Observation
Depth to Product (ft):	NP	**Product Elevation (ft):**	NP
Depth to Water (ft):	3.39	**Groundwater Elevation (ft):**	34.70
Depth to Bottom (ft):	11.87	**Bottom Elevation (ft):**	-26.22
Height of Water Column (ft):	8.48	**Well Diameter (in):**	2
Standing Water Volume (gal):	1.38	**Calculated Purge Volume (gal):**	4.15
Sample Date:	7/20/2010	**Begin Purge Time:**	10:33
Sample Time:	11:00	**Complete Purge Time:**	10:57
Purge Method:	Submersible Pump	**Sample Method:**	Polyethylene Bailer
Purge Rate (gpm):	0.18	**Purge Time (min):**	24
Actual Purge Volume (gal):	4.25	**Casing Volumes Removed:**	3.1
Sample Appearance:	clear	**Odors Observed:**	none
Analytical Laboratory:	ETL	**Notes:**	
Date Shipped:	7/20/2010		
Analyses Requested:			
8260			

Field Indicator Parameters

Casing Volumes	Time	Flow Rate (g/min)	Temp. (°C)	pH	Cond. (mS/cm)	ORP (mV)	DO (mg/L)		
Initial	10:33	-	25.1	8.74	0.368	-10	2.60		
1	10:40	0.2	25.1	8.01	0.253	-44	2.06		
2	10:48	0.2	25.4	7.62	0.126	-45	2.44		
3	10:57	0.2	25.2	7.38	0.098	-58	2.24		

APPENDIX C

LABORATORY ANALYTICAL REPORT

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

8/30/2010

Laboratory Identifier: 1007286
Received: 7/20/2010 13:13
Sampled by: Jennifer Lewis

Client: PW Grosser Consulting Engineers PC
630 Johnson Avenue - Suite 7
Bohemia,
NY 11716-2618

Project: Safeguard Storage
1170 Atlantic Ave
Baldwin,
NY 11510

Manager: John Eichler

Respectfully submitted,

Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. #002

The information contained in this report is confidential and intended only for the use of the client listed above. This report shall not be reproduced, except in full, without the written consent of Environmental Testing Laboratories, Inc. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY.

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

TABLE OF CONTENTS

I. General Information

- Laboratory Deliverables Checklist
- Chain of Custody Documents
- Sample Identification/Analytical Summary Form
- Laboratory Chronicle
- Conformance/Non-Conformance Summary
- Case Narrative
- Methodology Summary
- Data Reporting Qualifiers

II. Sample Results

III. QC Data Summary

Environmental Testing Laboratories, Inc.
208 Route 109, Farmingdale, NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

General Information

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale, NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

LABORATORY DELIVERABLES CHECKLIST

THIS FORM MUST BE COMPLETED BY THE LABORATORY OR ENVIRONMENTAL CONSULTANT AND ACCOMPANY ALL DATA SUBMISSIONS

The following laboratory deliverables shall be included in the data submission. All deviations from the accepted methodology and procedures, or performance values outside acceptable ranges shall be summarized in the Non-Conformance Summary. The proposed "Technical Requirements for Site Remediation" rules, which appeared in the May 4, 1992 New Jersey Register, provides further details. The document shall be bound and paginated, contain a table of contents, and all pages shall be legible. Incomplete packages will be returned or held without review until the data package is complete.

Check if Complete

__X__ 1 Cover Page/Title Page listing Laboratory Certification Number, Facility name and address and date of report.

__X__ 2 Table of Contents.

__X__ 3 Summary Sheets listing analytical results for all targeted and non-targeted compounds.

__X__ 4 Summary Table cross-referencing field ID and Laboratory Sample ID.

__X__ 5 Document bound and legible.

__X__ 6 Chain of Custody.

__X__ 7 Methodology Summary.

__X__ 8 Laboratory Chronicle (Date of Analysis) and Holding Time Check.

__NA__ 9 Results submitted on a dry weight basis (if applicable).

__X__ 10 Method Detection Limits.

__X__ 11 Laboratory certified by NJDEP for parameters or appropriate category of parameters or a member of the USEPA .

__X__ 12 Conformance/Non-Conformance Summary.

Quality Assurance Manager

9/1/10
Date

10-07286

1007286

Rec'vd Date. 07/20/10 13:13

CHAIN OF CUSTODY

208 Route 109, Farmingdale, NY 11735
(Tel.) 631-249-1456 (Fax) 631-249-8344

Client Information

Company Name: PWGC
Address: 630 Johnson Ave Suite 7
City: Bohemia State: NY Zip: 11716
Project Contact: John Eichler
Phone #: 631-589-6353 Fax #: 631-5898705
E-mail: johne@pwgrosser.com

Project Information

Project Name: Safeguard Storage
Street: 1170 Atlantic Ave.
City: Baldwin State: NY Zip: 11510
Project #: SSS 1001
Sampler's Name: Jennifer Lewis
Sampler's Signature:

Analytical Information

8260 ☐624 ☐8021 ☐602 ☐BTEX ☐MTBE ☐TBA ☐NAPH ☐TCL ☐STARS ☐TCLP
☐8270 ☐625 ☐TCL ☐STARS ☐AE ☐BN ☐PAH ☐TCLP
☐TIC: ☐+10 ☐+15 ☐+25 ☐+99
☐PEST ☐PCB ☐HERB ☐TCLP ☐DRO ☐GRO ☐8100
☐METALS ☐TOTAL ☐RCRA ☐TAL ☐TCLP ☐Mercury ☐Dissolved ☐Lead
☐CN ☐TSS ☐FP ☐pH ☐REACT ☐RIC

Matrix Codes

L - Liquid
S - Soil
A - Air
OL - Oil
W - Wipe
PC - Paint Chips
SL - Sludge
SD - Solid
DISS - Dissolved

Sample Type

G=Grab
C=Composite
B=Blank

LAB SAMPLE # (LAB USE ONLY)	Sample ID	Sample Type	Matrix Code	Date	Time	Wt/Vol (Air Volume in Liters)	Total # of bottles	Number of Each Preserved Bottle: NONE	HCl	NaOH	HNO3	H2SO4	NaHSO4	MeOH	OTHER	8260	(LAB USE ONLY)
	MW-3	G	L	7/20/10	1132		2		2							X	
	MW-4				1015												
	MW-5				1153												
	MW-6				1100												
	Field Blank				1210												
	Trip Blank	↓	↓	↓	1211		↓		↓							↓	

Turnaround Time (Business Days)

- [X] Standard 7-10 Business Days
- [ ] 5 Day *RUSH*
- [ ] 4 Day *RUSH*
- [ ] 3 Day *RUSH*
- [ ] 2 Day *RUSH*
- [ ] 1 Day *RUSH*

Data Deliverable Information

- [ ] Results Only (Level-1)
- [ ] Results plus Misc. QC (Level-2)
- [ ] Results plus ALL QC (Level-3)
- [ ] MA QC Package (LevelMA)
- [ ] NJ QC Package (Level3NJ)
- [ ] CLP Category A (Level-2)
- [ ] CLP Category B (Level-4)
- [ ] ASP QC Package (Level-4)
- [ ] Other _____
- [ ] EDD Format_____

(EDD Formats: Excel, PDF, GIS, GIS Key, TAGM)

Comments / Remarks

ETL COC Review Check List (LAB USE ONLY)

- [X] Task Log In and Initial Review — Init: 7/20/10 Date/Time: KA
- [ ] Final Review and Approval — Init: _____ Date/Time: _____

Sample custody must be documented below, each time samples change possession, with a signature, date, and time.

Relinquished by Sampler: 1	Jennifer Lewis	Date/Time: 1 7/20/10 1312	Received By: 2 K. Albanese	Date/Time: 2 7/20/10
Relinquished by: 3		Date/Time: 3		
Received by: 4		Received Time 4		

COOLER INFORMATION

Cooler Temp: 5 pH: _____

- [X] On Ice
- [ ] Sample Receipt Discrepancy (attach information)

ENVIRONMENTAL TESTING LABORATORIES, INC.
SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	MATRIX	DATE COLLECTED	DATE RECEIVED	Analytical Requirements						
					V	SV	GC	GCV	MET	WC	OFF
1007286-01	MW-3	L	7/20/2010	7/20/2010	X						
1007286-02	MW-4	L	7/20/2010	7/20/2010	X						
1007286-03	MW-5	L	7/20/2010	7/20/2010	X						
1007286-04	MW-6	L	7/20/2010	7/20/2010	X						
1007286-05	Filed Blank	L	7/20/2010	7/20/2010	X						
1007286-06	Trip Blank	L	7/20/2010	7/20/2010	X						

ASP FORM/LABORATORY CHRONICLE
SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE (VOA)
ANALYSIS

LAB SAMPLE ID	MATRIX	DATE COLLECTED	DATE REC'D AT LAB	DATE EXTRACTED	DATE ANALYZED	DILUTION FACTOR	FILE ID
1007286-01	L	7/20/2010	7/20/2010		07/21/2010	10	C3621-3907
1007286-02	L	7/20/2010	7/20/2010		07/23/2010	1	C3624-3962
1007286-03	L	7/20/2010	7/20/2010		07/21/2010	1	C3622-3926
1007286-03	L	7/20/2010	7/20/2010		07/23/2010	50	C3624-3963
1007286-04	L	7/20/2010	7/20/2010		07/21/2010	1	C3622-3925
1007286-05	L	7/20/2010	7/20/2010		07/21/2010	1	C3622-3924
1007286-06	L	7/20/2010	7/20/2010		07/21/2010	1	C3622-3923

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GC/MS ANALYSIS CONFORMANCE / NON-CONFORMANCE SUMMARY FORMAT

NO	YES	
____	X	1. Chromatograms Labeled/Compounds Identified (Field Samples and Method Blanks.)
	✓	2. GC/MS Tune Specification
____	✓	a. BFB Meet Criteria
____	NA	b. DFTPP Meet Criteria
____	X	3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 series.
____	X	4. GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.
		5. GC/MS Calibration Requirements:
____	X	a. Calibration Check Compounds
____	X	b. System Performance Check Compounds
X	____	6. Blank Contamination - If yes, list compounds and concentrations in each blank:
		a. VOA Fraction _____
		b. B/N Fraction ___see case narrative_____
		c. Acid Fraction ___see case narrative_____
____	✓	7. Surrogate Recoveries Meet Criteria
		If not met, list those compounds and their recoveries which fall outside the acceptable range:
		a. VOA Fraction _____
		b. B/N Fraction ____see case narrative_____
		c. Acid Fraction ____see case narrative_____
____NA____		If not met, were the calculations checked and the results qualified as "estimated"?

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GC/MS ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY FORMAT

NO YES

___ ✓ 8. Matrix Spike / Matrix Spike Duplicate Recoveries Meet Criteria (If not met, list those compounds and their recoveries which fall outside the acceptable range.)

a. VOA Fraction: MSB Submitted

b. B/N Fraction _____

c. Acid Fraction _____

___ ✓ 9. Internal Standard Area/Retention Time Shift Meet Criteria

___ NA 10. Extraction Holding Time Met

If not met, list number of days exceeded for each sample:_____

___ X 11. Analysis Holding Time Met

If not met, list number of days exceeded for each sample:_____

Additional Comments:_____

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8/30/2010

Case Narrative

EPA 8260 VOLATILE ANALYSIS:

The following compounds were calibrated at 25, 50, 100, 150 and 200 ppb levels in the initial calibration curve:
Acetone
2-Butanone
4-Methyl-2-pentanone
2-Hexanone

M&P-Xylenes and 2-Chloroethylvinylether were calibrated at 10, 40, 100, 200 and 300 ppb levels.
Acrolein/Acrylonitrile were calibrated at 50,100,150,200 and 250 ppb levels.
Tert Butyl Alcohol (TBA) was calibrated at 50,200,500,1000 and 1500 ppb levels.

All other compounds were calibrated at 5, 20, 50, 100 and 150 ppb levels.

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METHODOLOGY SUMMARY
ORGANICS

AQUEOUS METHODOLOGIES:	REFERENCE 2	REFERENCE 3	REFERENCE 5
Base Neutral, Acids Extraction	3510B		
Pesticides/PCBs Extraction	3510B		
Purgeable Organics by GC/MS		624	
Base/Neutral, Acids by GC/MS		625	
BTEX - Benzene, Toluene, Ethylbenzene, Xylenes		624	
Organochlorine Pesticide and PCB's by GC		608	

NON-AQUEOUS METHODOLOGIES:	REFERENCE 2
Base Neutral, Acids Extraction	3550A
Pesticides/PCBs Extraction	3550A
Purgeable Organics by GC/MS	8260B
Base/Neutral, Acids Extr. by GC/MS	8270C
BTEX-Benzene, Toluene, Ethylbenzene, Xylenes	8021B
Organochlorine Pesticide and PCB's by GC	8081A

MISCELLANEOUS:	REFERENCE 2
Chlorinated Herbicides by GC	8151A
Purgeable Organics by GC	8021B
Gas Chromatography Analysis	8000A
Diesel Range Organics, Aqueous Extraction	3510B (Modified)
Diesel Range Organics, Non-aqueous Extraction	3550A (Modified)
Diesel Range Organics, Analysis	8015A (Modified)
Florisil Column Clean-up	3620A
Gel-Permeation Clean-up	3640A
Sulfur Clean-up	3660A

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METHODOLOGY SUMMARY
INORGANICS - METALS

INDUCTIVELY COUPLED PLASMA (ICP):	REFERENCE 1	REFERENCE 2
Aluminum	200.7	6010B
Antimony	200.7	6010B
Barium	200.7	6010B
Beryllium	200.7	6010B
Cadmium	200.7	6010B
Calcium	200.7	6010B
Chromium	200.7	6010B
Cobalt	200.7	6010B
Copper	200.7	6010B
Iron	200.7	6010B
Lead	200.7	6010B
Magnesium	200.7	6010B
Manganese	200.7	6010B
Molybdenum	200.7	6010B
Nickel	200.7	6010B
Potassium	200.7	6010B
Silver	200.7	6010B
Sodium	200.7	6010B
Tin	200.7	6010B
Titanium	200.7	6010B
Vanadium	200.7	6010B
Zinc	200.7	6010B
Mercury	245.1	7470A/7471A

ANALYTICAL LISTS:	REFERENCE 1	REFERENCE 2
Priority Pollutant Metals (13)	200.7	6010/7060A/7470A/7740
TCL Metals (23)	200.7	6010/7060A/7470A/7740
RCRA Metals (8)	200.7	6010/7060A/7470A/7740

SAMPLE PREPARATION:	REFERENCE 2
ICP Sample Preparation (Aqueous)	3005A, 3010A, 3015
ICP Sample Preparation (Non-Aqueous)	3031, 3040A, 3050A, 3051, 3052
Furnace (GFAA) Sample Preparation (Aqueous)	3015, 3020A, 7060, 7740, 7761
Furnace (GFAA) Sample Prep. (Non-Aqueous)	3050A, 3051, 3052
Mercury Sample Preparation	7470A (Aqueous), 7471A (Non-Aqueous)

METHODOLOGY SUMMARY
INORGANICS - GENERAL CHEMISTRY

ANALYSES	REFERENCE 1	REFERENCE 2	REFERENCE 6
Biochemical Oxygen Demand	SM 5210 B		
Color	SM 2120 B		
pH	SM 4500 H+B		
Total Dissolved Solids	Sm 2540C		

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Total Suspended Solids	SM 2540 D	
Total Solids	SM 2540 B	
Hardness	6010 B	
Temperature	Sm 2550 B	
Acidity	SM 2310 B	
Alkalinity	SM 2320 B 19th E	
Ammonia	SM 4500 NH3E, B	
Chloride	SM 4500-Cl B	
Chlorine Demand	SM 2350	4500-Cl
Residual Chlorine	SM 4500-Cl B	
Chemical Oxygen Demand	HACH 8000	
Cyanide (Total & Amenable)	SM 4500-CN C,E	9010A/9012
Oil & Grease	EPA 1664 A	9070/9071A
Fluoride	SM 4500-F C,B	
Total Kjeldahl Nitrogen	SM 4500-NORG;B	
Nitrate/Nitrite (NO2/NO3)	Sm 4500	9210
Phenolics	SM 5530 D	
Phosphorus	SM 4500 P E	
Settleable Solids	EPA 160.5, SM 2540 F	
Sulfate	SM 15 426 C	9038
Sulfide	SM 4500 S2 E	9030
Surfactants	SM 5540 C	

MISCELLANEOUS ANALYSES	**REFERENCE 1**	**REFERENCE 2**
Ignitability	SW 846 1010	
Toxicity Characteristic Leaching Procedure (TCLP)		1311
Hexavalent Chromium	SM 3500-Cr D	

METHODOLOGY SUMMARY
REFERENCES

1. USEPA020, Methods for Chemical Analysis of Water and Waste.

2. USEPA SW 846, Test Methods for Evaluating Solid Waste, Third Edition.

3. Federal Register 40 CFR Part 136, Vol.49, No.209 Test Parameters for the Analysis of Pollutants.

4. Federal Register Vol. 51, No. 216 Friday, 11/07/86, pp. 40643, 40652

5. Method for the Determination If Organic Compounds in Drinking Water, EPA 500/488/039, Dec. 1988.

6. Standard Method for Examination of Water and Wastewater, 15 Edition 1980.

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8/30/2010

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

U - The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.

J - Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

E - The concentration of the analyte exceeded the calibration range of the instrument.

D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Method Detection Limit (MDL).

U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

AS - Semi-automated Spectrophotometric
AV - Automated Cold Vapor AA
C - Manual Spectrophotometric
P - ICP
T - Titrimetric

OTHER QUALIFIERS

ND - Not Detected

NA - Not Applicable

NR - Not Required

* - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)

x - Outside Expected Range

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Sample Results

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-1
Client Sample ID: MW-3
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 11:32

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3621-3907	4.20	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3621-3907	5.20	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3621-3907	4.60	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3621-3907	5.10	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3621-3907	4.70	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3621-3907	3.00	**43.9**	ug/L	J
75-35-4	1,1-Dichloroethene	C3621-3907	3.70	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3621-3907	3.60	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3621-3907	3.60	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3621-3907	5.40	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3621-3907	3.50	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3621-3907	4.50	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3621-3907	4.40	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3621-3907	2.80	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3621-3907	4.70	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3621-3907	4.90	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3621-3907	5.00	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3621-3907	5.20	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3621-3907	4.30	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3621-3907	3.80	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3621-3907	4.60	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3621-3907	4.00	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3621-3907	5.90	ND	ug/L	U
78-93-3	2-Butanone	C3621-3907	19.2	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3621-3907	5.00	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3621-3907	3.60	ND	ug/L	U
591-78-6	2-Hexanone	C3621-3907	22.3	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3621-3907	5.20	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3621-3907	3.40	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3621-3907	18.2	ND	ug/L	U
67-64-1	Acetone	C3621-3907	29.2	ND	ug/L	U
107-13-1	Acrylonitrile	C3621-3907	76.5	ND	ug/L	U

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-1
Client Sample ID: MW-3
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 11:32

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3621-3907	4.30	ND	ug/L	U
108-86-1	Bromobenzene	C3621-3907	3.70	ND	ug/L	U
74-97-5	Bromochloromethane	C3621-3907	5.30	ND	ug/L	U
75-27-4	Bromodichloromethane	C3621-3907	5.00	ND	ug/L	U
75-25-2	Bromoform	C3621-3907	3.70	ND	ug/L	U
74-83-9	Bromomethane	C3621-3907	5.90	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3621-3907	4.20	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3621-3907	5.20	ND	ug/L	U
75-15-0	Carbon disulfide	C3621-3907	4.00	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3621-3907	4.40	ND	ug/L	U
108-90-7	Chlorobenzene	C3621-3907	4.80	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3621-3907	4.70	ND	ug/L	U
75-00-3	Chloroethane	C3621-3907	9.40	**417**	ug/L	
67-66-3	Chloroform	C3621-3907	4.60	ND	ug/L	U
74-87-3	Chloromethane	C3621-3907	5.10	ND	ug/L	U
124-48-1	Dibromochloromethane	C3621-3907	4.30	ND	ug/L	U
74-95-3	Dibromomethane	C3621-3907	4.70	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3621-3907	4.90	ND	ug/L	U
100-41-4	Ethylbenzene	C3621-3907	4.10	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3621-3907	5.40	ND	ug/L	U
98-82-8	Isopropylbenzene	C3621-3907	4.40	ND	ug/L	U
108-38-3	m,p-xylene	C3621-3907	8.60	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3621-3907	5.00	ND	ug/L	U
75-09-2	Methylene Chloride	C3621-3907	3.90	ND	ug/L	U
104-51-8	n-Butylbenzene	C3621-3907	4.30	ND	ug/L	U
103-65-1	n-Propylbenzene	C3621-3907	4.10	ND	ug/L	U
91-20-3	Naphthalene	C3621-3907	3.30	ND	ug/L	U
95-47-6	o-xylene	C3621-3907	3.70	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3621-3907	3.90	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3621-3907	3.90	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3621-3907	3.60	ND	ug/L	U
100-42-5	Styrene	C3621-3907	3.90	ND	ug/L	U

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-1
Client Sample ID: MW-3
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 11:32

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3621-3907	2.70	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3621-3907	3.70	ND	ug/L	U
994-05-8	TAME	C3621-3907	7.70	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3621-3907	4.40	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3621-3907	89.2	ND	ug/L	U
127-18-4	Tetrachloroethene	C3621-3907	5.90	ND	ug/L	U
108-88-3	Toluene	C3621-3907	4.50	ND	ug/L	U
79-01-6	Trichloroethene	C3621-3907	4.60	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3621-3907	5.20	ND	ug/L	U
75-01-4	Vinyl Chloride	C3621-3907	4.30	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3621-3907	106.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3621-3907	100.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3621-3907	100.0 %	(84 - 117)	
2037-26-5	TOLUENE-D8	C3621-3907	100.0 %	(92 - 108)	

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-2
Client Sample ID: MW-4
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/23/2010

Type: Grab

Collected: 7/20/2010 10:15

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3624-3962	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3624-3962	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3624-3962	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3624-3962	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3624-3962	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3624-3962	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3624-3962	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3624-3962	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3624-3962	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3624-3962	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3624-3962	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3624-3962	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3624-3962	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3624-3962	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3624-3962	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3624-3962	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3624-3962	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3624-3962	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3624-3962	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3624-3962	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3624-3962	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3624-3962	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3624-3962	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3624-3962	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3624-3962	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3624-3962	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3624-3962	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3624-3962	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3624-3962	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3624-3962	1.82	ND	ug/L	U
67-64-1	Acetone	C3624-3962	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3624-3962	7.65	ND	ug/L	U

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-2
Client Sample ID: MW-4
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/23/2010

Type: Grab

Collected: 7/20/2010 10:15

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3624-3962	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3624-3962	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3624-3962	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3624-3962	0.50	ND	ug/L	U
75-25-2	Bromoform	C3624-3962	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3624-3962	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3624-3962	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3624-3962	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3624-3962	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3624-3962	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3624-3962	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3624-3962	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3624-3962	0.94	ND	ug/L	U
67-66-3	Chloroform	C3624-3962	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3624-3962	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3624-3962	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3624-3962	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3624-3962	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3624-3962	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3624-3962	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3624-3962	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3624-3962	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3624-3962	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3624-3962	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3624-3962	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3624-3962	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3624-3962	0.33	ND	ug/L	U
95-47-6	o-xylene	C3624-3962	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3624-3962	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3624-3962	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3624-3962	0.36	ND	ug/L	U
100-42-5	Styrene	C3624-3962	0.39	ND	ug/L	U

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-2
Client Sample ID: MW-4
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/23/2010

Type: Grab

Collected: 7/20/2010 10:15

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3624-3962	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3624-3962	0.37	ND	ug/L	U
994-05-8	TAME	C3624-3962	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3624-3962	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3624-3962	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3624-3962	0.59	ND	ug/L	U
108-88-3	Toluene	C3624-3962	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3624-3962	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3624-3962	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3624-3962	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3624-3962	131.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3624-3962	101.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3624-3962	108.0 %	(84 - 117)	
2037-26-5	TOLUENE-D8	C3624-3962	102.0 %	(92 - 108)	

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-3
Client Sample ID: MW-5
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 11:53

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3622-3926	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3622-3926	0.52	**2.23**	ug/L	J
79-34-5	1,1,2,2-Tetrachloroethane	C3622-3926	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3622-3926	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3622-3926	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3624-3963	15.0	**2450**	ug/L	
75-35-4	1,1-Dichloroethene	C3622-3926	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3622-3926	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3622-3926	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3622-3926	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3622-3926	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3622-3926	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3622-3926	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3622-3926	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3622-3926	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3622-3926	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3622-3926	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3622-3926	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3622-3926	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3622-3926	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3622-3926	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3622-3926	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3622-3926	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3622-3926	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3622-3926	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3622-3926	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3622-3926	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3622-3926	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3622-3926	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3622-3926	1.82	ND	ug/L	U
67-64-1	Acetone	C3622-3926	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3622-3926	7.65	ND	ug/L	U

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-3
Client Sample ID: MW-5
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 11:53

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3622-3926	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3622-3926	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3622-3926	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3622-3926	0.50	ND	ug/L	U
75-25-2	Bromoform	C3622-3926	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3622-3926	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3622-3926	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3622-3926	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3622-3926	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3622-3926	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3622-3926	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3622-3926	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3624-3963	47.0	**1420**	ug/L	
67-66-3	Chloroform	C3622-3926	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3622-3926	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3622-3926	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3622-3926	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3622-3926	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3622-3926	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3622-3926	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3622-3926	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3622-3926	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3622-3926	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3622-3926	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3622-3926	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3622-3926	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3622-3926	0.33	ND	ug/L	U
95-47-6	o-xylene	C3622-3926	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3622-3926	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3622-3926	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3622-3926	0.36	ND	ug/L	U
100-42-5	Styrene	C3622-3926	0.39	ND	ug/L	U

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-3
Client Sample ID: MW-5
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 11:53

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3622-3926	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3622-3926	0.37	ND	ug/L	U
994-05-8	TAME	C3622-3926	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3622-3926	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3622-3926	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3622-3926	0.59	ND	ug/L	U
108-88-3	Toluene	C3622-3926	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3622-3926	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3622-3926	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3622-3926	0.43	**19.6**	ug/L	

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3622-3926	112.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3622-3926	99.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3622-3926	103.0 %	(84 - 117)	
2037-26-5	TOLUENE-D8	C3622-3926	98.8 %	(92 - 108)	
17060-07-0	1,2-DICHLOROETHANE-D4	C3624-3963	130.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3624-3963	104.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3624-3963	107.0 %	(84 - 117)	
2037-26-5	TOLUENE-D8	C3624-3963	102.0 %	(92 - 108)	

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-4
Client Sample ID: MW-6
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 11:00

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3622-3925	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3622-3925	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3622-3925	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3622-3925	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3622-3925	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3622-3925	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3622-3925	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3622-3925	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3622-3925	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3622-3925	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3622-3925	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3622-3925	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3622-3925	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3622-3925	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3622-3925	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3622-3925	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3622-3925	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3622-3925	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3622-3925	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3622-3925	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3622-3925	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3622-3925	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3622-3925	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3622-3925	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3622-3925	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3622-3925	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3622-3925	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3622-3925	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3622-3925	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3622-3925	1.82	ND	ug/L	U
67-64-1	Acetone	C3622-3925	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3622-3925	7.65	ND	ug/L	U

Environmental Testing Laboratories, Inc.

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-4
Client Sample ID: MW-6
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 11:00

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3622-3925	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3622-3925	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3622-3925	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3622-3925	0.50	ND	ug/L	U
75-25-2	Bromoform	C3622-3925	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3622-3925	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3622-3925	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3622-3925	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3622-3925	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3622-3925	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3622-3925	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3622-3925	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3622-3925	0.94	ND	ug/L	U
67-66-3	Chloroform	C3622-3925	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3622-3925	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3622-3925	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3622-3925	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3622-3925	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3622-3925	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3622-3925	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3622-3925	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3622-3925	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3622-3925	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3622-3925	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3622-3925	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3622-3925	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3622-3925	0.33	ND	ug/L	U
95-47-6	o-xylene	C3622-3925	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3622-3925	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3622-3925	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3622-3925	0.36	ND	ug/L	U
100-42-5	Styrene	C3622-3925	0.39	ND	ug/L	U

Environmental Testing Laboratories, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-4
Client Sample ID: MW-6
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 11:00

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3622-3925	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3622-3925	0.37	ND	ug/L	U
994-05-8	TAME	C3622-3925	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3622-3925	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3622-3925	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3622-3925	0.59	ND	ug/L	U
108-88-3	Toluene	C3622-3925	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3622-3925	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3622-3925	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3622-3925	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3622-3925	108.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3622-3925	101.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3622-3925	102.0 %	(84 - 117)	
2037-26-5	TOLUENE-D8	C3622-3925	98.7 %	(92 - 108)	

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-5
Client Sample ID: Filed Blank
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 12:10

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3622-3924	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3622-3924	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3622-3924	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3622-3924	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3622-3924	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3622-3924	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3622-3924	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3622-3924	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3622-3924	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3622-3924	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3622-3924	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3622-3924	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3622-3924	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3622-3924	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3622-3924	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3622-3924	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3622-3924	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3622-3924	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3622-3924	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3622-3924	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3622-3924	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3622-3924	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3622-3924	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3622-3924	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3622-3924	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3622-3924	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3622-3924	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3622-3924	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3622-3924	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3622-3924	1.82	ND	ug/L	U
67-64-1	Acetone	C3622-3924	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3622-3924	7.65	ND	ug/L	U

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Volatiles - EPA 8260B

Sample: 1007286-5
Client Sample ID: Filed Blank
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 12:10

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3622-3924	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3622-3924	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3622-3924	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3622-3924	0.50	ND	ug/L	U
75-25-2	Bromoform	C3622-3924	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3622-3924	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3622-3924	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3622-3924	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3622-3924	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3622-3924	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3622-3924	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3622-3924	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3622-3924	0.94	ND	ug/L	U
67-66-3	Chloroform	C3622-3924	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3622-3924	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3622-3924	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3622-3924	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3622-3924	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3622-3924	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3622-3924	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3622-3924	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3622-3924	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3622-3924	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3622-3924	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3622-3924	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3622-3924	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3622-3924	0.33	ND	ug/L	U
95-47-6	o-xylene	C3622-3924	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3622-3924	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3622-3924	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3622-3924	0.36	ND	ug/L	U
100-42-5	Styrene	C3622-3924	0.39	ND	ug/L	U

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-5
Client Sample ID: Filed Blank
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 12:10

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3622-3924	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3622-3924	0.37	ND	ug/L	U
994-05-8	TAME	C3622-3924	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3622-3924	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3622-3924	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3622-3924	0.59	ND	ug/L	U
108-88-3	Toluene	C3622-3924	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3622-3924	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3622-3924	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3622-3924	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3622-3924	110.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3622-3924	100.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3622-3924	102.0 %	(84 - 117)	
2037-26-5	TOLUENE-D8	C3622-3924	100.0 %	(92 - 108)	

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Volatiles - EPA 8260B

Sample: 1007286-6
Client Sample ID: Trip Blank
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 12:11

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C3622-3923	0.42	ND	ug/L	U
71-55-6	1,1,1-Trichloroethane	C3622-3923	0.52	ND	ug/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C3622-3923	0.46	ND	ug/L	U
79-00-5	1,1,2-Trichloroethane	C3622-3923	0.51	ND	ug/L	U
76-13-1	1,1,2-Trichlorotrifluoroethane	C3622-3923	0.47	ND	ug/L	U
75-34-3	1,1-Dichloroethane	C3622-3923	0.30	ND	ug/L	U
75-35-4	1,1-Dichloroethene	C3622-3923	0.37	ND	ug/L	U
563-58-6	1,1-Dichloropropene	C3622-3923	0.36	ND	ug/L	U
87-61-6	1,2,3-Trichlorobenzene	C3622-3923	0.36	ND	ug/L	U
96-18-4	1,2,3-Trichloropropane	C3622-3923	0.54	ND	ug/L	U
95-93-2	1,2,4,5-Tetramethylbenzene	C3622-3923	0.35	ND	ug/L	U
120-82-1	1,2,4-Trichlorobenzene	C3622-3923	0.45	ND	ug/L	U
95-63-6	1,2,4-Trimethylbenzene	C3622-3923	0.44	ND	ug/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C3622-3923	0.28	ND	ug/L	U
106-93-4	1,2-Dibromoethane	C3622-3923	0.47	ND	ug/L	U
95-50-1	1,2-Dichlorobenzene	C3622-3923	0.49	ND	ug/L	U
107-06-2	1,2-Dichloroethane	C3622-3923	0.50	ND	ug/L	U
78-87-5	1,2-Dichloropropane	C3622-3923	0.52	ND	ug/L	U
108-67-8	1,3,5-Trimethylbenzene	C3622-3923	0.43	ND	ug/L	U
541-73-1	1,3-Dichlorobenzene	C3622-3923	0.38	ND	ug/L	U
142-28-9	1,3-Dichloropropane	C3622-3923	0.46	ND	ug/L	U
106-46-7	1,4-Dichlorobenzene	C3622-3923	0.40	ND	ug/L	U
590-20-7	2,2-Dichloropropane	C3622-3923	0.59	ND	ug/L	U
78-93-3	2-Butanone	C3622-3923	1.92	ND	ug/L	U
110-75-8	2-Chloroethylvinylether	C3622-3923	0.50	ND	ug/L	U
95-49-8	2-Chlorotoluene	C3622-3923	0.36	ND	ug/L	U
591-78-6	2-Hexanone	C3622-3923	2.23	ND	ug/L	U
106-43-4	4-Chlorotoluene	C3622-3923	0.52	ND	ug/L	U
99-87-6	4-Isopropyltoluene	C3622-3923	0.34	ND	ug/L	U
108-10-1	4-Methyl-2-pentanone	C3622-3923	1.82	ND	ug/L	U
67-64-1	Acetone	C3622-3923	2.92	ND	ug/L	U
107-13-1	Acrylonitrile	C3622-3923	7.65	ND	ug/L	U

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-6
Client Sample ID: Trip Blank
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 12:11

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
71-43-2	Benzene	C3622-3923	0.43	ND	ug/L	U
108-86-1	Bromobenzene	C3622-3923	0.37	ND	ug/L	U
74-97-5	Bromochloromethane	C3622-3923	0.53	ND	ug/L	U
75-27-4	Bromodichloromethane	C3622-3923	0.50	ND	ug/L	U
75-25-2	Bromoform	C3622-3923	0.37	ND	ug/L	U
74-83-9	Bromomethane	C3622-3923	0.59	ND	ug/L	U
156-59-2	c-1,2-Dichloroethene	C3622-3923	0.42	ND	ug/L	U
10061-01-5	c-1,3-Dichloropropene	C3622-3923	0.52	ND	ug/L	U
75-15-0	Carbon disulfide	C3622-3923	0.40	ND	ug/L	U
56-23-5	Carbon Tetrachloride	C3622-3923	0.44	ND	ug/L	U
108-90-7	Chlorobenzene	C3622-3923	0.48	ND	ug/L	U
75-45-6	Chlorodifluoromethane	C3622-3923	0.47	ND	ug/L	U
75-00-3	Chloroethane	C3622-3923	0.94	ND	ug/L	U
67-66-3	Chloroform	C3622-3923	0.46	ND	ug/L	U
74-87-3	Chloromethane	C3622-3923	0.51	ND	ug/L	U
124-48-1	Dibromochloromethane	C3622-3923	0.43	ND	ug/L	U
74-95-3	Dibromomethane	C3622-3923	0.47	ND	ug/L	U
75-71-8	Dichlorodifluoromethane	C3622-3923	0.49	ND	ug/L	U
100-41-4	Ethylbenzene	C3622-3923	0.41	ND	ug/L	U
87-68-3	Hexachlorobutadiene	C3622-3923	0.54	ND	ug/L	U
98-82-8	Isopropylbenzene	C3622-3923	0.44	ND	ug/L	U
108-38-3	m,p-xylene	C3622-3923	0.86	ND	ug/L	U
1634-04-4	Methyl t-butyl ether	C3622-3923	0.50	ND	ug/L	U
75-09-2	Methylene Chloride	C3622-3923	0.39	ND	ug/L	U
104-51-8	n-Butylbenzene	C3622-3923	0.43	ND	ug/L	U
103-65-1	n-Propylbenzene	C3622-3923	0.41	ND	ug/L	U
91-20-3	Naphthalene	C3622-3923	0.33	ND	ug/L	U
95-47-6	o-xylene	C3622-3923	0.37	ND	ug/L	U
105-05-5	p-Diethylbenzene	C3622-3923	0.39	ND	ug/L	U
622-96-8	p-Ethyltoluene	C3622-3923	0.39	ND	ug/L	U
135-98-8	sec-Butylbenzene	C3622-3923	0.36	ND	ug/L	U
100-42-5	Styrene	C3622-3923	0.39	ND	ug/L	U

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8/30/2010

Volatiles - EPA 8260B

Sample: 1007286-6
Client Sample ID: Trip Blank
Matrix: Liquid
Remarks: See Case Narrative
Analyzed Date: 7/21/2010

Type: Grab

Collected: 7/20/2010 12:11

Analytical Results

Cas No	Analyte	File ID	MDL	Result	Units	Q
156-60-5	t-1,2-Dichloroethene	C3622-3923	0.27	ND	ug/L	U
10061-02-6	t-1,3-Dichloropropene	C3622-3923	0.37	ND	ug/L	U
994-05-8	TAME	C3622-3923	0.77	ND	ug/L	U
98-06-6	tert-Butylbenzene	C3622-3923	0.44	ND	ug/L	U
75-65-0	Tertiary butyl alcohol	C3622-3923	8.92	ND	ug/L	U
127-18-4	Tetrachloroethene	C3622-3923	0.59	ND	ug/L	U
108-88-3	Toluene	C3622-3923	0.45	ND	ug/L	U
79-01-6	Trichloroethene	C3622-3923	0.46	ND	ug/L	U
75-69-4	Trichlorofluoromethane	C3622-3923	0.52	ND	ug/L	U
75-01-4	Vinyl Chloride	C3622-3923	0.43	ND	ug/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
17060-07-0	1,2-DICHLOROETHANE-D4	C3622-3923	111.0 %	(68 - 135)	
460-00-4	4-BROMOFLUOROBENZENE	C3622-3923	102.0 %	(86 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C3622-3923	102.0 %	(84 - 117)	
2037-26-5	TOLUENE-D8	C3622-3923	98.4 %	(92 - 108)	

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QC Data Summary

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Volatiles QC Data

2A

WATER VOLATILE SYSTEM MONITORING COMPOUND RECOVERY

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Custody No.: 1007286 Case No.: NA SAS No.: NA SDG No.:

Level (Low/Med): Low

LAB SAMPLE ID	LAB FILE ID	SMC 1 #	SMC 2 #	SMC 3 #	SMC 4 #	TOTAL OUT
VBLK-92	CA3621-3893	101	102	99.0	98.9	0
1007286-02	CA3621-3908	100	106	101	99.5	0
1007286-01	CA3621-3907	100	106	100	100	0
VBLK-93	CA3622-3914	103	109	100	101	0
1007286-03	CA3622-3926	103	112	98.8	99.0	0
1007286-04	CA3622-3925	102	108	98.7	101	0
1007286-05	CA3622-3924	102	110	100	100	0
1007286-06	CA3622-3923	102	111	98.4	102	0
VBLK-97	CA3624-3957	106	126	102	103	0
MSB-65	CA3624-3958	107	127	103	105	0
1007286-02	CA3624-3962	108	131	102	101	0
1007286-03	CA3624-3963	107	130	102	104	0

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound Diluted Out

	QC LIMITS:
SMC1 = DIBROMOFLUOROMETHANE	(84.0-117)
SMC2 = 1,2-DICHLOROETHANE-D4	(68.0-135)
SMC3 = TOLUENE-D8	(92.0-108)
SMC4 = 4-BROMOFLUOROBENZENE	(86.0-112)

3A-MSB
WATER VOLATILE MATRIX SPIKE BLANK RECOVERY

Lab Name: Environmental Testing Labs Contract:

Lab Code: ETL Case No.: NA SAS No.: NA SGD No.:

Blank Sample ID: VBLK-97 Matrix Spike ID: MSB-65

Method Blank Sample No.: C3624-3957 Matrix Spike Blank File ID: C3624-3958 7/23/10 12:26:00 PM

COMPOUND	SPIKE ADDED PPB	BLANK CONCENTRATION PPB	MSB CONCENTRATION PPB	MSB % RECOVERY #	QC LIMITS % RECOVERY
1,1-Dichloroethylene	50.0	0	57.5	115	(68.0-122)
Benzene	50.0	0	57.5	115	(73.0-130)
TCE	50.0	0	54.5	109	(77.0-116)
Toluene	50.0	0	52.2	104	(76.0-116)
Chlorobenzene	50.0	0	49.0	98.1	(84.0-112)

Column to be used to flag recovery and RPD values with an asterisk.
* Values outside of QC limits

Spike Recovery: 0 out of 5 outside limits.

COMMENTS: _____

4A

VOLATILE METHOD BLANK SUMMARY

EPA BLANK ID

VBLK-92

Lab Name: ENVIROMENTAL TESTING LABO Contract: SSS1001 SDG No. :

Lab Code: ETL Case No. : NA SAS No. : NA

GC Column: Rtx-624 - 0.53 mm Lab Sample ID: VBLK-92

Instrument ID: C3621 Lab File ID: C3621-3893

Heated Purge : (Y/N) N Date Analyzed: 07/20/2010

Time Analyzed : 11:16:00 pm

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
MW-3	1007286-01	C3621-3907	07/21/2010 08:10:00 am
MW-4	(1007286-02)	C3621-3908	07/21/2010 08:48:00 am

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA BLANK ID

VBLK-93

Lab Name: ENVIROMENTAL TESTING LABO Contract: SSS1001 SDG No. :

Lab Code: ETL Case No. : NA SAS No. : NA

GC Column: Rtx-624 - 0.53 mm Lab Sample ID: VBLK-93

Instrument ID: C3622 Lab File ID: C3622-3914

Heated Purge : (Y/N) N Date Analyzed: 07/21/2010

Time Analyzed : 11:55:00 am

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
Trip Blank	1007286-06	C3622-3923	07/21/2010 05:48:00 pm
Filed Blank	1007286-05	C3622-3924	07/21/2010 06:27:00 pm
MW-6	1007286-04	C3622-3925	07/21/2010 07:05:00 pm
MW-5	1007286-03	C3622-3926	07/21/2010 07:43:00 pm

COMMENTS:

4A

VOLATILE METHOD BLANK SUMMARY

EPA BLANK ID

VBLK-97

Lab Name: ENVIROMENTAL TESTING LABO Contract: SSS1001 SDG No. :

Lab Code: ETL Case No. : NA SAS No. : NA

GC Column: Rtx-624 - 0.53 mm Lab Sample ID: VBLK-97

Instrument ID: C3624 Lab File ID: C3624-3957

Heated Purge : (Y/N) N Date Analyzed: 07/23/2010

Time Analyzed : 11:48:00 am

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE / TIME ANALYZED
	(MSB-65)	C3624-3958	07/23/2010 12:26:00 pm
MW-4	1007286-02	C3624-3962	07/23/2010 02:59:00 pm
MW-5	1007286-03	C3624-3963	07/23/2010 03:37:00 pm

COMMENTS:

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

Lab Name: ENVIROMENTAL TESTING LABORATO Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Lab File ID: C3619-916 BFB Injection Date: 07/19/2010

Instrument ID: C3619 BFB Injection Time: 03:06:00 pm

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

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE	RAW ABUNDANCE	PASS/FAIL
50	15.0 - 40.0% of mass 95	22.5	1704	Pass
75	30.0 - 60.0% of mass 95	46.4	3519	Pass
95	Base peak, 100% relative abudance	100	7578	Pass
96	5.0 - 9.0% of mass 95	6.22	471	Pass
173	Less than 2.9% of mass 174	0	0 (1)	Pass
174	50.0 - 120.0% of mass 95	70.7	5354	Pass
175	5.0 - 9.0% of mass 174	8.01	429 (1)	Pass
176	95.0 - 101.0% of mass 174	98.4	5269 (1)	Pass
177	5.0 - 9.0% of mass 176	7.48	394 (2)	Pass

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD005-01	VSTD005-01	C3619-3861	07/19/2010	04:19:00 pm
VSTD020-02	VSTD020-02	C3619-3862	07/19/2010	04:57:00 pm
VSTD050-03	VSTD050-03	C3619-3863	07/19/2010	05:35:00 pm
VSTD100-04	VSTD100-04	C3619-3864	07/19/2010	06:13:00 pm
VSTD150-05	VSTD150-05	C3619-3865	07/19/2010	06:52:00 pm

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

Lab Name: ENVIROMENTAL TESTING LABORATO Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Lab File ID: C3621-918 BFB Injection Date: 07/20/2010

Instrument ID: C3621 BFB Injection Time: 08:49:00 pm

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

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE	RAW ABUNDANCE	PASS/FAIL
50	15.0 - 40.0% of mass 95	21.1	1599	Pass
75	30.0 - 60.0% of mass 95	45.9	3486	Pass
95	Base peak, 100% relative abudance	100	7588	Pass
96	5.0 - 9.0% of mass 95	5.44	413	Pass
173	Less than 2.9% of mass 174	0	0 (1)	Pass
174	50.0 - 120.0% of mass 95	71.6	5432	Pass
175	5.0 - 9.0% of mass 174	6.89	374 (1)	Pass
176	95.0 - 101.0% of mass 174	97.8	5310 (1)	Pass
177	5.0 - 9.0% of mass 176	7.23	384 (2)	Pass

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD050-03	VSTD050-03	C3621-3890	07/20/2010	09:22:00 pm
20PPBREF-00	(20PPBREF-00)	C3621-3891	07/20/2010	10:00:00 pm
VBLK-92	VBLK-92	C3621-3893	07/20/2010	11:16:00 pm
MW-3	1007286-01	C3621-3907	07/21/2010	08:10:00 am
MW-4	(1007286-02)	C3621-3908	07/21/2010	08:48:00 am

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

Lab Name: ENVIROMENTAL TESTING LABORATO Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Lab File ID: C3622-920 BFB Injection Date: 07/21/2010

Instrument ID: C3622 BFB Injection Time: 09:25:00 am

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

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE	RAW ABUNDANCE	PASS/FAIL
50	15.0 - 40.0% of mass 95	22.6	1265	Pass
75	30.0 - 60.0% of mass 95	48.4	2707	Pass
95	Base peak, 100% relative abudance	100	5589	Pass
96	5.0 - 9.0% of mass 95	7.07	395	Pass
173	Less than 2.9% of mass 174	0	0 (1)	Pass
174	50.0 - 120.0% of mass 95	70.8	3955	Pass
175	5.0 - 9.0% of mass 174	7.36	291 (1)	Pass
176	95.0 - 101.0% of mass 174	97.3	3849 (1)	Pass
177	5.0 - 9.0% of mass 176	5.95	229 (2)	Pass

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD050-03	VSTD050-03	C3622-3911	07/21/2010	09:58:00 am
20PPBREF-00	(20PPBREF-00)	C3622-3912	07/21/2010	10:38:00 am
TCLP Blank-29	(TCLP Blank-29)	C3622-3913	07/21/2010	11:16:00 am
VBLK-93	VBLK-93	C3622-3914	07/21/2010	11:55:00 am
Trip Blank	1007286-06	C3622-3923	07/21/2010	05:48:00 pm
Filed Blank	1007286-05	C3622-3924	07/21/2010	06:27:00 pm
MW-6	1007286-04	C3622-3925	07/21/2010	07:05:00 pm
MW-5	1007286-03	C3622-3926	07/21/2010	07:43:00 pm

5A

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK BROMOFLUOROBENZENE (BFB)

Lab Name: ENVIROMENTAL TESTING LABORATO Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Lab File ID: C3624-923 BFB Injection Date: 07/23/2010

Instrument ID: C3624 BFB Injection Time: 09:08:00 am

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

m/e	ION ABUNDANCE CRITERIA	%RELATIVE ABUNDANCE	RAW ABUNDANCE	PASS/FAIL
50	15.0 - 40.0% of mass 95	23.6	1559	Pass
75	30.0 - 60.0% of mass 95	48.4	3203	Pass
95	Base peak, 100% relative abudance	100	6614	Pass
96	5.0 - 9.0% of mass 95	7.18	475	Pass
173	Less than 2.9% of mass 174	0	0 (1)	Pass
174	50.0 - 120.0% of mass 95	66.3	4388	Pass
175	5.0 - 9.0% of mass 174	7.91	347 (1)	Pass
176	95.0 - 101.0% of mass 174	95.5	4192 (1)	Pass
177	5.0 - 9.0% of mass 176	8.85	371 (2)	Pass

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

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTD050-03	VSTD050-03	C3624-3954	07/23/2010	09:52:00 am
20PPBREF-00	(20PPBREF-00)	C3624-3955	07/23/2010	10:33:00 am
VBLK-97	VBLK-97	C3624-3957	07/23/2010	11:48:00 am
MW-4	1007286-02	C3624-3962	07/23/2010	02:59:00 pm
MW-5	1007286-03	C3624-3963	07/23/2010	03:37:00 pm

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Instrument ID: C3619 Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Calibration End Date: 7/19/10 6:52:00 PM

ID	ANALYTE	Sample Type	File ID: C3861 RRF0	File ID: C3862 RRF0	File ID: C3863 RRF0	File ID: C3864 RRF0	File ID: C3865 RRF0	$\overline{RRF}$	% RSD	
1	Pentafluorobenzene	I	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.00	
2	Dichlorodifluoromethane	T	0.4843	0.5367	0.5157	0.5150	0.5064	0.5116	3.69	
3	Chlorodifluoromethane	T	1.0694	1.1013	1.0531	1.0715	1.0750	1.0740	1.61	
4	Chloromethane	P	0.2085	0.2365	0.2298	0.2430	0.2505	0.2336	6.85	*
5	Vinyl Chloride	C	0.2372	0.2680	0.2618	0.2683	0.2749	0.2620	5.58	*
6	Bromomethane	T	0.2370	0.2869	0.3009	0.3406	0.3505	0.3031	15.01	
7	Chloroethane	T	0.1379	0.2100	0.2146	0.2246	0.2274	0.2029	18.24	
8	Freon 11	T	0.9730	1.0122	0.9697	0.9637	0.9010	0.9639	4.15	
9	Ethyl Ether	T	0.2502	0.2765	0.2975	0.2887	0.2936	0.2813	6.78	
10	Freon 113	T	0.5168	0.5592	0.5396	0.5558	0.5589	0.5460	3.33	
11	1,1-Dichloroethylene	C	0.3354	0.3778	0.3692	0.3835	0.3947	0.3721	6.05	*
12	Acrolein	T	0.0372	0.0411	0.0434	0.0468	0.0459	0.0428	9.04	
13	2-Propanone	T	0.0922	0.0943	0.0903	0.0950	0.0944	0.0932	2.09	
14	Carbon disulfide	T	0.9520	1.0911	1.0625	1.0968	1.1097	1.0624	6.03	
15	Methylene Chloride	T	0.3480	0.4029	0.3976	0.4150	0.4171	0.3961	7.09	
16	Tertiary butyl alcohol	T	0.0298	0.0338	0.0339	0.0367	0.0360	0.0340	7.90	
17	trans-1,2-Dichloroethylene	T	0.3440	0.3857	0.3829	0.4062	0.4127	0.3863	6.96	
18	Methyl tertiary butyl ether	T	0.9432	1.0159	0.9825	1.0520	1.0434	1.0074	4.46	
19	Acrylonitrile	T	0.0959	0.1000	0.1041	0.1091	0.1039	0.1026	4.82	
20	1,1-Dichloroethane	P	0.8379	0.8885	0.8592	0.9080	0.9001	0.8787	3.34	*
21	Diisopropylether	T	1.6882	1.7683	1.7017	1.8146	1.7978	1.7541	3.23	
22	t-Butyl ethyl ether	T	0.4207	0.4636	0.4586	0.4881	0.4880	0.4638	5.96	
23	2,2-Dichloropropane	T	0.7109	0.7549	0.7112	0.7274	0.7172	0.7243	2.53	
24	cis-1,2-Dichloroethylene	T	0.4253	0.4668	0.4597	0.4894	0.4980	0.4678	6.09	
25	Methyl ethyl ketone (2-Butanone)	T	0.1650	0.1714	0.1697	0.1804	0.1792	0.1731	3.77	
26	Bromochloromethane	T	0.2711	0.3324	0.3245	0.3492	0.3569	0.3268	10.31	
27	Tetrahydrofuran	T	0.0363	0.1007	0.1054	0.1173	0.1154	0.0950	35.29	
28	Chloroform	C	1.0140	1.0749	1.0385	1.0949	1.0916	1.0627	3.31	*
29	1,1,1-Trichloroethane	T	0.8915	0.9568	0.9334	0.9607	0.9758	0.9436	3.48	
30	Dibromofluoromethane	S	0.8375	0.8405	0.8278	0.8335	0.8320	0.8342	0.58	
31	Carbon tetrachloride	T	0.7993	0.8476	0.8196	0.8471	0.8672	0.8361	3.19	

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %RSD.

Sample Types:
T = Target Compund S = Surrogate Standard P = System Performance Check Compound
M = Matrix Spike Compound I = Internal Standard C = Calibration Check Compound
G = Analytical Group

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Instrument ID: C3619 Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Calibration End Date: 7/19/10 6:52:00 PM

ID	ANALYTE	Sample Type	File ID: C3861 RRF0	File ID: C3862 RRF0	File ID: C3863 RRF0	File ID: C3864 RRF0	File ID: C3865 RRF0	$\overline{RRF}$	% RSD	
32	1,1-Dichlorpropene	T	0.1806	0.1907	0.1867	0.1905	0.1984	0.1893	3.42	
33	Benzene	M	0.9507	1.0420	1.0199	1.0630	1.0724	1.0296	4.71	
34	1,2-Dichloroethane-d4	S	0.4243	0.4234	0.4187	0.4178	0.4094	0.4187	1.41	
35	1,4-Difluorobenzene	I	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.00	
36	1,2-Dichloroethane	T	0.5208	0.5582	0.5408	0.5721	0.5676	0.5519	3.82	
37	TAME	T	1.5521	1.3912	1.2291	1.2207	1.2068	1.3199	11.35	
38	tert-amyl alcohol	T	0.0277	0.0281	0.0295	0.0323	0.0353	0.0305	10.45	
39	TCE	C	0.4469	0.4806	0.4745	0.5013	0.5025	0.4811	4.73	*
40	1,2-Dichloropropane	C	0.4089	0.4557	0.4430	0.4738	0.4786	0.4520	6.19	*
41	Dibromomethane	T	0.4937	0.5333	0.5254	0.5557	0.5593	0.5334	4.96	
42	Bromodichloromethane	T	0.9414	1.0083	0.9873	1.0520	1.0442	1.0066	4.47	
43	2-Chloroethyl vinyl ether	T	0.2610	0.2902	0.2895	0.3061	0.3065	0.2906	6.36	
44	cis-1,3-Dichloropropene	T	0.5747	0.6369	0.6421	0.6811	0.6981	0.6465	7.38	
45	4-Methyl-2-pentanone (MIBK)	T	0.4397	0.4515	0.4267	0.4331	0.4322	0.4366	2.17	
46	Toluene-d8	S	0.8104	0.8206	0.8167	0.8266	0.8344	0.8217	1.12	
47	Toluene	C	0.5152	0.5606	0.5559	0.5873	0.5954	0.5628	5.60	*
48	Chlorobenzene-d5	I	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.00	
49	trans-1,3-Dichloropropene	T	0.6848	0.7629	0.7584	0.7981	0.8028	0.7614	6.20	
50	1,1,2-Trichloroethane	T	0.4592	0.4991	0.4861	0.5144	0.5171	0.4951	4.78	
51	Tetrachloroethylene	T	0.4835	0.5328	0.5269	0.5590	0.5739	0.5352	6.48	
52	1,3-Dichloropropane	T	0.7471	0.8222	0.8028	0.8542	0.8537	0.8160	5.42	
53	2-Hexanone	T	0.3675	0.3575	0.3508	0.3585	0.3513	0.3571	1.89	
54	Dibromochloromethane	T	1.0840	1.2087	1.2061	1.2865	1.3042	1.2179	7.14	
55	1,2-Dibromoethane	T	0.8873	0.9845	0.9764	1.0338	1.0361	0.9836	6.14	
56	Chlorobenzene	P	0.9771	1.0703	1.0358	1.0952	1.1070	1.0570	4.95	*
57	1,1,1,2-Tetrachloroethane	T	0.6646	0.7193	0.6913	0.7396	0.7601	0.7149	5.30	
58	Ethylbenzene	C	0.3552	0.4003	0.3930	0.4010	0.4276	0.3954	6.58	*
59	m,p-Xylene	T	0.4497	0.4953	0.4820	0.5056	0.5251	0.4915	5.73	
60	o-Xylene	T	0.4505	0.5095	0.5015	0.5360	0.5367	0.5068	6.94	
61	Styrene	T	0.8055	0.9069	0.9035	0.9620	0.9618	0.9079	7.03	
62	Bromoform	P	0.8324	0.9464	0.9493	1.0240	1.0393	0.9582	8.56	*

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %RSD.

Sample Types:
T = *Target Compund* S = *Surrogate Standard* P = System Performance Check Compound
M = Matrix Spike Compound I = Internal Standard C = Calibration Check Compound
G = Analytical Group

6A

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Instrument ID: C3619 Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Calibration End Date: 7/19/10 6:52:00 PM

ID	ANALYTE	Sample Type	File ID: C3881 RRF0	File ID: C3862 RRF0	File ID: C3863 RRF0	File ID: C3864 RRF0	File ID: C3865 RRF0	$\overline{RRF}$	% RSD	
63	Cumene	T	1.1936	1.2345	1.2227	1.2717	1.2772	1.2399	2.81	
64	4-Bromofluorobenzene	S	0.8271	0.8316	0.8264	0.8395	0.8161	0.8281	1.02	
65	1,4 Dichlorobenzene-d4	I	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	0.00	
66	Bromobenzene	T	1.4918	1.6590	1.6393	1.6894	1.7075	1.6374	5.22	
67	1,1,2,2-Tetrachloroethane	P	2.5305	2.6095	2.5259	2.5986	2.5772	2.5683	1.49	*
68	n-Propylbenzene	T	3.5043	3.6066	3.5540	3.6201	3.6711	3.5912	1.78	
69	1,2,3-Trichloropropane	T	0.4980	0.6074	0.5919	0.6110	0.6062	0.5829	8.23	
70	p-Ethyltoluene	T	3.6407	3.6920	3.6119	3.7208	3.7464	3.6823	1.51	
71	1,3,5-Trimethylbenzene	T	2.6766	2.6870	2.6579	2.6785	2.7003	2.6800	0.57	
72	2-Chlorotoluene	T	0.8057	0.8881	0.8789	0.9185	0.9337	0.8849	5.60	
73	4-Chlorotoluene	T	0.8058	0.8918	0.8881	0.9409	0.9563	0.8965	6.56	
74	tert-Butylbenzene	T	1.6642	1.6560	1.6068	1.6199	1.6121	1.6318	1.61	
75	Pentachloroethane	T	1.4707	1.5926	1.6310	1.6753	1.7153	1.6169	5.80	
76	1,2,4-Trimethylbenzene	T	2.7094	2.7830	2.7730	2.7838	2.8377	2.7773	1.64	
77	sec-Butylbenzene	T	3.4276	3.3110	3.2667	3.3241	3.3569	3.3372	1.79	
78	4-Isopropyltoluene	T	2.5950	2.5262	2.5202	2.5947	2.7013	2.5874	2.82	
79	1,3-Dichlorobenzene	T	1.9535	2.0354	2.0545	2.1062	2.1640	2.0627	3.82	
80	1,4-Dichlorobenzene	T	2.1142	2.2229	2.2398	2.2079	2.2493	2.2068	2.45	
81	1,2-Dichlorobenzene	T	2.0548	2.1339	2.1295	2.2015	2.2463	2.1532	3.41	
82	p-Diethylbenzene	T	1.5888	1.5420	1.5580	1.5713	1.6854	1.5891	3.55	
83	n-Butylbenzene	T	3.0390	2.8245	2.8602	2.8651	2.9977	2.9173	3.24	
84	1,2,4,5-Tetramethylbenzene	T	2.8085	2.5822	2.6078	2.6414	2.7251	2.6730	3.47	
85	1,2-Dibromo-3-chloropropane	T	0.4916	0.6229	0.6383	0.6703	0.6658	0.6177	11.84	
86	1,2,4-Trichlorobenzene	T	1.5028	1.3382	1.4005	1.4519	1.5261	1.4439	5.29	
87	Hexachlorobutadiene	T	1.4901	1.0257	0.9437	0.9139	0.9433	1.0633	22.77	
88	Naphthalene	T	2.3162	2.4134	2.5148	2.5988	2.6250	2.4936	5.17	
89	1,2,3-Trichlorobenzene	T	1.3701	1.2731	1.3245	1.3670	1.4116	1.3492	3.89	
90	Xylenes (Total)	G	0.4500	0.5000	0.4885	0.5158	0.5290	0.4966	6.09	
91	1,2-Dichloroethene (total)	G	0.3847	0.4263	0.4213	0.4478	0.4553	0.4270	6.47	

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %RSD.

Sample Types:
T = Target Compund
M = Matrix Spike Compound
G = Analytical Group
S = Surrogate Standard
I = Internal Standard
P = System Performance Check Compound
C = Calibration Check Compound

7A

VOLATILE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

CC LabFile ID: C3621-3890 Initial Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Initial Calibration End Date: 7/19/10 6:52:00 PM

Continuing Calibration Date: 7/20/10 9:22:00 PM

ID	ANALYTE	Sample Type	$\overline{RRF}$		Minimum RRF	Percent Difference	Maximum % Difference	
0	Average Percent Difference	A				6.4	15.0	
1	Pentafluorobenzene	I	1.0000	1.0000		0.0		
2	Dichlorodifluoromethane	T	0.5116	0.4434		13.3		
3	Chlorodifluoromethane	T	1.0740	0.9772		9.0		
4	Chloromethane	P	0.2336	0.2160	0.1000	7.6		*
5	Vinyl Chloride	C	0.2620	0.2396		8.6	20.0	*
6	Bromomethane	T	0.3031	0.2854		5.9		
7	Chloroethane	T	0.2029	0.2028		0.0		
8	Freon 11	T	0.9639	0.9112		5.5		
9	Ethyl Ether	T	0.2813	0.2958		-5.2		
10	Freon 113	T	0.5460	0.5058		7.4		
11	1,1-Dichloroethylene	C	0.3721	0.3499		6.0	20.0	*
12	Acrolein	T	0.0428	0.0429		0.0		
13	2-Propanone	T	0.0932	0.0932		0.0		
14	Carbon disulfide	T	1.0624	0.9952		6.3		
15	Methylene Chloride	T	0.3961	0.3845		2.9		
16	Tertiary butyl alcohol	T	0.0340	0.0353		-3.7		
17	trans-1,2-Dichloroethylene	T	0.3863	0.3663		5.2		
18	Methyl tertiary butyl ether	T	1.0074	1.0092		-0.2		
19	Acrylonitrile	T	0.1026	0.0993		3.2		
20	1,1-Dichloroethane	P	0.8787	0.8400	0.1000	4.4		*
21	Diisopropylether	T	1.7541	1.7135		2.3		
22	t-Butyl ethyl ether	T	0.4638	0.4667		-0.6		
23	2,2-Dichloropropane	T	0.7243	0.6099		15.8		
24	cis-1,2-Dichloroethylene	T	0.4678	0.4503		3.7		
25	Methyl ethyl ketone (2-Butanone)	T	0.1731	0.1733		-0.1		
26	Bromochloromethane	T	0.3268	0.3244		0.7		
27	Tetrahydrofuran	T	0.0950	0.1073		-12.9		
28	Chloroform	C	1.0627	1.0382		2.3	20.0	*
29	1,1,1-Trichloroethane	T	0.9436	0.8888		5.8		
30	Dibromofluoromethane	S	0.8342	0.8284		0.7		

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %D.

Sample Types:

T = Target Compund
M = Matrix Spike Compound
G = Analytical Group
S = Surrogate Standard
I = Internal Standard
P = System Performance Check Compound
C = Calibration Check Compound

7A

VOLATILE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

CC LabFile ID: C3621-3890 Initial Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Initial Calibration End Date: 7/19/10 6:52:00 PM

Continuing Calibration Date: 7/20/10 9:22:00 PM

ID	ANALYTE	Sample Type	$\overline{RRF}$	RRF0	Minimum RRF	Percent Difference	Maximum % Difference	
31	Carbon tetrachloride	T	0.8361	0.7759		7.2		
32	1,1-Dichlorpropene	T	0.1893	0.1747		7.8		
33	Benzene	M	1.0296	0.9658		6.2		
34	1,2-Dichloroethane-d4	S	0.4187	0.4158		0.7		
35	1,4-Difluorobenzene	I	1.0000	1.0000		0.0		
36	1,2-Dichloroethane	T	0.5519	0.5396		2.2		
37	TAME	T	1.3199	1.2234		7.3		
38	tert-amyl alcohol	T	0.0305	0.0272		11.1		
39	TCE	C	0.4811	0.4481		6.9	20.0	*
40	1,2-Dichloropropane	C	0.4520	0.4308		4.7	20.0	*
41	Dibromomethane	T	0.5334	0.5119		4.0		
42	Bromodichloromethane	T	1.0066	0.9718		3.5		
43	2-Chloroethyl vinyl ether	T	0.2906	0.2870		1.3		
44	cis-1,3-Dichloropropene	T	0.6465	0.6104		5.6		
45	4-Methyl-2-pentanone (MIBK)	T	0.4366	0.4351		0.4		
46	Toluene-d8	S	0.8217	0.8228		-0.1		
47	Toluene	C	0.5628	0.5243		6.9	20.0	*
48	Chlorobenzene-d5	I	1.0000	1.0000		0.0		
49	trans-1,3-Dichloropropene	T	0.7614	0.7071		7.1		
50	1,1,2-Trichloroethane	T	0.4951	0.4751		4.1		
51	Tetrachloroethylene	T	0.5352	0.4980		7.0		
52	1,3-Dichloropropane	T	0.8160	0.7894		3.3		
53	2-Hexanone	T	0.3571	0.3471		2.8		
54	Dibromochloromethane	T	1.2179	1.1840		2.8		
55	1,2-Dibromoethane	T	0.9836	0.9390		4.5		
56	Chlorobenzene	P	1.0570	0.9917	0.3000	6.2		*
57	1,1,1,2-Tetrachloroethane	T	0.7149	0.6683		6.5		
58	Ethylbenzene	C	0.3954	0.3616		8.6	20.0	*
59	m,p-Xylene	T	0.4915	0.4444		9.6		
60	o-Xylene	T	0.5068	0.4613		9.0		
61	Styrene	T	0.9079	0.8310		8.5		

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %D.

Sample Types:

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VOLATILE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

CC LabFile ID: C3621-3890 Initial Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Initial Calibration End Date: 7/19/10 6:52:00 PM

Continuing Calibration Date: 7/20/10 9:22:00 PM

ID	ANALYTE	Sample Type	RRF	RRF0	Minimum RRF	Percent Difference	Maximum % Difference	
62	Bromoform	P	0.9582	0.9331	0.1000	2.6		*
63	Cumene	T	1.2399	1.0939		11.8		
64	4-Bromofluorobenzene	S	0.8281	0.8323		-0.5		
65	1,4 Dichlorobenzene-d4	I	1.0000	1.0000		0.0		
66	Bromobenzene	T	1.6374	1.5409		5.9		
67	1,1,2,2-Tetrachloroethane	P	2.5683	2.4977	0.3000	2.8		*
68	n-Propylbenzene	T	3.5912	3.1319		12.8		
69	1,2,3-Trichloropropane	T	0.5829	0.5865		-0.6		
70	p-Ethyltoluene	T	3.6823	3.2306		12.3		
71	1,3,5-Trimethylbenzene	T	2.6800	2.3789		11.2		
72	2-Chlorotoluene	T	0.8849	0.8255		6.7		
73	4-Chlorotoluene	T	0.8965	0.8455		5.7		
74	tert-Butylbenzene	T	1.6318	1.4145		13.3		
75	Pentachloroethane	T	1.6169	1.4947		7.6		
76	1,2,4-Trimethylbenzene	T	2.7773	2.4735		10.9		
77	sec-Butylbenzene	T	3.3372	2.8110		15.8		
78	4-Isopropyltoluene	T	2.5874	2.2129		14.5		
79	1,3-Dichlorobenzene	T	2.0627	1.8834		8.7		
80	1,4-Dichlorobenzene	T	2.2068	2.0182		8.5		
81	1,2-Dichlorobenzene	T	2.1532	1.9581		9.1		
82	p-Diethylbenzene	T	1.5891	1.3406		15.6		
83	n-Butylbenzene	T	2.9173	2.3965		17.9		
84	1,2,4,5-Tetramethylbenzene	T	2.6730	2.2548		15.6		
85	1,2-Dibromo-3-chloropropane	T	0.6177	0.6187		-0.1		
86	1,2,4-Trichlorobenzene	T	1.4439	1.2037		16.6		
87	Hexachlorobutadiene	T	1.0633	0.7852		26.2		
88	Naphthalene	T	2.4936	2.2922		8.1		
89	1,2,3-Trichlorobenzene	T	1.3492	1.1319		16.1		
90	Xylenes (Total)	G	0.4966	0.4500		9.4		
91	1,2-Dichloroethene (total)	G	0.4270	0.4083		4.4		

* System Performance Check Compounds with required minimum RRF values.
* Calibration Check Compounds (CCC) with required %D.

Sample Types:
T = Target Compund
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VOLATILE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

CC LabFile ID: C3622-3911 Initial Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Initial Calibration End Date: 7/19/10 6:52:00 PM

Continuing Calibration Date: 7/21/10 9:58:00 AM

ID	ANALYTE	Sample Type	$\overline{RRF}$		Minimum RRF	Percent Difference	Maximum % Difference	
0	Average Percent Difference	A				3.1	15.0	
1	Pentafluorobenzene	I	1.0000	1.0000		0.0		
2	Dichlorodifluoromethane	T	0.5116	0.5015		2.0		
3	Chlorodifluoromethane	T	1.0740	1.0485		2.4		
4	Chloromethane	P	0.2336	0.2229	0.1000	4.6		*
5	Vinyl Chloride	C	0.2620	0.2562		2.2	20.0	*
6	Bromomethane	T	0.3031	0.1879		38.0		
7	Chloroethane	T	0.2029	0.2190		-7.9		
8	Freon 11	T	0.9639	1.0167		-5.5		
9	Ethyl Ether	T	0.2813	0.2964		-5.4		
10	Freon 113	T	0.5460	0.5604		-2.6		
11	1,1-Dichloroethylene	C	0.3721	0.3751		-0.8	20.0	*
12	Acrolein	T	0.0428	0.0425		0.9		
13	2-Propanone	T	0.0932	0.0958		-2.7		
14	Carbon disulfide	T	1.0624	1.0722		-0.9		
15	Methylene Chloride	T	0.3961	0.4000		-1.0		
16	Tertiary butyl alcohol	T	0.0340	0.0339		0.4		
17	trans-1,2-Dichloroethylene	T	0.3863	0.3879		-0.4		
18	Methyl tertiary butyl ether	T	1.0074	1.0211		-1.4		
19	Acrylonitrile	T	0.1026	0.0972		5.3		
20	1,1-Dichloroethane	P	0.8787	0.8890	0.1000	-1.2		*
21	Diisopropylether	T	1.7541	1.7855		-1.8		
22	t-Butyl ethyl ether	T	0.4638	0.4724		-1.9		
23	2,2-Dichloropropane	T	0.7243	0.7938		-9.6		
24	cis-1,2-Dichloroethylene	T	0.4678	0.4681		-0.1		
25	Methyl ethyl ketone (2-Butanone)	T	0.1731	0.1769		-2.2		
26	Bromochloromethane	T	0.3268	0.3321		-1.6		
27	Tetrahydrofuran	T	0.0950	0.1063		-11.9		
28	Chloroform	C	1.0627	1.0950		-3.0	20.0	*
29	1,1,1-Trichloroethane	T	0.9436	0.9763		-3.5		
30	Dibromofluoromethane	S	0.8342	0.8421		-0.9		

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %D.

Sample Types:

T = Target Compund
M = Matrix Spike Compound
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7A

VOLATILE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

CC LabFile ID: C3622-3911 Initial Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Initial Calibration End Date: 7/19/10 6:52:00 PM

Continuing Calibration Date: 7/21/10 9:58:00 AM

ID	ANALYTE	Sample Type	RRF	RRF0	Minimum RRF	Percent Difference	Maximum % Difference	
31	Carbon tetrachloride	T	0.8361	0.8791		-5.1		
32	1,1-Dichlorpropene	T	0.1893	0.1936		-2.2		
33	Benzene	M	1.0296	1.0407		-1.1		
34	1,2-Dichloroethane-d4	S	0.4187	0.4372		-4.4		
35	1,4-Difluorobenzene	I	1.0000	1.0000		0.0		
36	1,2-Dichloroethane	T	0.5519	0.5707		-3.4		
37	TAME	T	1.3199	1.2349		6.4		
38	tert-amyl alcohol	T	0.0305	0.0266		13.0		
39	TCE	C	0.4811	0.4911		-2.1	20.0	*
40	1,2-Dichloropropane	C	0.4520	0.4557		-0.8	20.0	*
41	Dibromomethane	T	0.5334	0.5287		0.9		
42	Bromodichloromethane	T	1.0066	1.0275		-2.1		
43	2-Chloroethyl vinyl ether	T	0.2906	0.2857		1.7		
44	cis-1,3-Dichloropropene	T	0.6465	0.6606		-2.2		
45	4-Methyl-2-pentanone (MIBK)	T	0.4366	0.4399		-0.7		
46	Toluene-d8	S	0.8217	0.8426		-2.5		
47	Toluene	C	0.5628	0.5746		-2.1	20.0	*
48	Chlorobenzene-d5	I	1.0000	1.0000		0.0		
49	trans-1,3-Dichloropropene	T	0.7614	0.7733		-1.6		
50	1,1,2-Trichloroethane	T	0.4951	0.4849		2.1		
51	Tetrachloroethylene	T	0.5352	0.5477		-2.3		
52	1,3-Dichloropropane	T	0.8160	0.8082		1.0		
53	2-Hexanone	T	0.3571	0.3494		2.2		
54	Dibromochloromethane	T	1.2179	1.2117		0.5		
55	1,2-Dibromoethane	T	0.9836	0.9618		2.2		
56	Chlorobenzene	P	1.0570	1.0564	0.3000	0.1		*
57	1,1,1,2-Tetrachloroethane	T	0.7149	0.7128		0.3		
58	Ethylbenzene	C	0.3954	0.3980		-0.7	20.0	*
59	m,p-Xylene	T	0.4915	0.4951		-0.7		
60	o-Xylene	T	0.5068	0.5036		0.6		
61	Styrene	T	0.9079	0.9055		0.3		

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %D.

Sample Types:

T = Target Compund
M = Matrix Spike Compound
G = Analytical Group
S = Surrogate Standard
I = Internal Standard
P = System Performance Check Compound
C = Calibration Check Compound

7A

VOLATILE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

CC LabFile ID: C3622-3911 Initial Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Initial Calibration End Date: 7/19/10 6:52:00 PM

Continuing Calibration Date: 7/21/10 9:58:00 AM

ID	ANALYTE	Sample Type	RRF	RRF0	Minimum RRF	Percent Difference	Maximum % Difference	
62	Bromoform	P	0.9582	0.9091	0.1000	5.1		*
63	Cumene	T	1.2399	1.2175		1.8		
64	4-Bromofluorobenzene	S	0.8281	0.8426		-1.7		
65	1,4 Dichlorobenzene-d4	I	1.0000	1.0000		0.0		
66	Bromobenzene	T	1.6374	1.6605		-1.4		
67	1,1,2,2-Tetrachloroethane	P	2.5683	2.5511	0.3000	0.7		*
68	n-Propylbenzene	T	3.5912	3.6419		-1.4		
69	1,2,3-Trichloropropane	T	0.5829	0.6016		-3.2		
70	p-Ethyltoluene	T	3.6823	3.6798		0.1		
71	1,3,5-Trimethylbenzene	T	2.6800	2.7282		-1.8		
72	2-Chlorotoluene	T	0.8849	0.9092		-2.7		
73	4-Chlorotoluene	T	0.8965	0.9232		-3.0		
74	tert-Butylbenzene	T	1.6318	1.6405		-0.5		
75	Pentachloroethane	T	1.6169	1.6348		-1.1		
76	1,2,4-Trimethylbenzene	T	2.7773	2.7947		-0.6		
77	sec-Butylbenzene	T	3.3372	3.1922		4.3		
78	4-Isopropyltoluene	T	2.5874	2.5200		2.6		
79	1,3-Dichlorobenzene	T	2.0627	2.0846		-1.1		
80	1,4-Dichlorobenzene	T	2.2068	2.2338		-1.2		
81	1,2-Dichlorobenzene	T	2.1532	2.1109		2.0		
82	p-Diethylbenzene	T	1.5891	1.5450		2.8		
83	n-Butylbenzene	T	2.9173	2.7717		5.0		
84	1,2,4,5-Tetramethylbenzene	T	2.6730	2.5557		4.4		
85	1,2-Dibromo-3-chloropropane	T	0.6177	0.6072		1.7		
86	1,2,4-Trichlorobenzene	T	1.4439	1.3202		8.6		
87	Hexachlorobutadiene	T	1.0633	0.7967		25.1		
88	Naphthalene	T	2.4936	2.3801		4.6		
89	1,2,3-Trichlorobenzene	T	1.3492	1.2332		8.6		
90	Xylenes (Total)	G	0.4966	0.4979		-0.2		
91	1,2-Dichloroethene (total)	G	0.4270	0.4280		-0.2		

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %D.

Sample Types:

T = Target Compund S = Surrogate Standard P = System Performance Check Compound

M = Matrix Spike Compound I = Internal Standard C = Calibration Check Compound

G = Analytical Group

7A

VOLATILE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

CC LabFile ID: C3624-3954 Initial Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Initial Calibration End Date: 7/19/10 6:52:00 PM

Continuing Calibration Date: 7/23/10 9:52:00 AM

ID	ANALYTE	Sample Type	$\overline{RRF}$		Minimum RRF	Percent Difference	Maximum % Difference	
0	Average Percent Difference	A				5.3	15.0	
1	Pentafluorobenzene	I	1.0000	1.0000		0.0		
2	Dichlorodifluoromethane	T	0.5116	0.5200		-1.6		
3	Chlorodifluoromethane	T	1.0740	1.1342		-5.6		
4	Chloromethane	P	0.2336	0.2379	0.1000	-1.8		*
5	Vinyl Chloride	C	0.2620	0.2735		-4.4	20.0	*
6	Bromomethane	T	0.3031	0.2748		9.4		
7	Chloroethane	T	0.2029	0.2328		-14.7		
8	Freon 11	T	0.9639	1.1210		-16.3		
9	Ethyl Ether	T	0.2813	0.3106		-10.4		
10	Freon 113	T	0.5460	0.5657		-3.6		
11	1,1-Dichloroethylene	C	0.3721	0.3818		-2.6	20.0	*
12	Acrolein	T	0.0428	0.0447		-4.2		
13	2-Propanone	T	0.0932	0.1068		-14.5		
14	Carbon disulfide	T	1.0624	1.1219		-5.6		
15	Methylene Chloride	T	0.3961	0.4162		-5.1		
16	Tertiary butyl alcohol	T	0.0340	0.0366		-7.5		
17	trans-1,2-Dichloroethylene	T	0.3863	0.3958		-2.5		
18	Methyl tertiary butyl ether	T	1.0074	1.1207		-11.2		
19	Acrylonitrile	T	0.1026	0.0980		4.5		
20	1,1-Dichloroethane	P	0.8787	0.9450	0.1000	-7.5		*
21	Diisopropylether	T	1.7541	1.8963		-8.1		
22	t-Butyl ethyl ether	T	0.4638	0.5152		-11.1		
23	2,2-Dichloropropane	T	0.7243	0.9129		-26.0		
24	cis-1,2-Dichloroethylene	T	0.4678	0.4815		-2.9		
25	Methyl ethyl ketone (2-Butanone)	T	0.1731	0.1855		-7.1		
26	Bromochloromethane	T	0.3268	0.3373		-3.2		
27	Tetrahydrofuran	T	0.0950	0.1101		-15.9		
28	Chloroform	C	1.0627	1.2033		-13.2	20.0	*
29	1,1,1-Trichloroethane	T	0.9436	1.0724		-13.6		
30	Dibromofluoromethane	S	0.8342	0.8797		-5.4		

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %D.

Sample Types:

T = Target Compund
M = Matrix Spike Compound
G = Analytical Group
S = Surrogate Standard
I = Internal Standard
P = System Performance Check Compound
C = Calibration Check Compound

7A

VOLATILE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

CC LabFile ID: C3624-3954 Initial Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Initial Calibration End Date: 7/19/10 6:52:00 PM

Continuing Calibration Date: 7/23/10 9:52:00 AM

ID	ANALYTE	Sample Type	$\overline{RRF}$	RRF0	Minimum RRF	Percent Difference	Maximum % Difference	
31	Carbon tetrachloride	T	0.8361	0.9648		-15.4		
32	1,1-Dichlorpropene	T	0.1893	0.1973		-4.2		
33	Benzene	M	1.0296	1.0780		-4.7		
34	1,2-Dichloroethane-d4	S	0.4187	0.4970		-18.7		
35	1,4-Difluorobenzene	I	1.0000	1.0000		0.0		
36	1,2-Dichloroethane	T	0.5519	0.6488		-17.6		
37	TAME	T	1.3199	1.3477		-2.1		
38	tert-amyl alcohol	T	0.0305	0.0308		-0.7		
39	TCE	C	0.4811	0.5056		-5.1	20.0	*
40	1,2-Dichloropropane	C	0.4520	0.4728		-4.6	20.0	*
41	Dibromomethane	T	0.5334	0.5620		-5.3		
42	Bromodichloromethane	T	1.0066	1.1277		-12.0		
43	2-Chloroethyl vinyl ether	T	0.2906	0.2889		0.6		
44	cis-1,3-Dichloropropene	T	0.6465	0.7021		-8.6		
45	4-Methyl-2-pentanone (MIBK)	T	0.4366	0.4580		-4.9		
46	Toluene-d8	S	0.8217	0.8380		-2.0		
47	Toluene	C	0.5628	0.5744		-2.0	20.0	*
48	Chlorobenzene-d5	I	1.0000	1.0000		0.0		
49	trans-1,3-Dichloropropene	T	0.7614	0.8291		-8.9		
50	1,1,2-Trichloroethane	T	0.4951	0.5124		-3.5		
51	Tetrachloroethylene	T	0.5352	0.5390		-0.7		
52	1,3-Dichloropropane	T	0.8160	0.8458		-3.7		
53	2-Hexanone	T	0.3571	0.3718		-4.1		
54	Dibromochloromethane	T	1.2179	1.2686		-4.2		
55	1,2-Dibromoethane	T	0.9836	0.9626		2.1		
56	Chlorobenzene	P	1.0570	1.0471	0.3000	0.9		*
57	1,1,1,2-Tetrachloroethane	T	0.7149	0.7289		-1.9		
58	Ethylbenzene	C	0.3954	0.3896		1.5	20.0	*
59	m,p-Xylene	T	0.4915	0.4787		2.6		
60	o-Xylene	T	0.5068	0.4986		1.6		
61	Styrene	T	0.9079	0.8962		1.3		

* System Performance Check Compounds with required minimum RRF values.

* Calibration Check Compounds (CCC) with required %D.

Sample Types:

T = Target Compund
M = Matrix Spike Compound
G = Analytical Group
S = Surrogate Standard
I = Internal Standard
P = System Performance Check Compound
C = Calibration Check Compound

7A

VOLATILE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

CC LabFile ID: C3624-3954 Initial Calibration Start Date: 07/19/2010 04:19 PM

Lab Sample ID: 1007286 Initial Calibration End Date: 7/19/10 6:52:00 PM

Continuing Calibration Date: 7/23/10 9:52:00 AM

ID	ANALYTE	Sample Type	RRF	RRF0	Minimum RRF	Percent Difference	Maximum % Difference	
62	Bromoform	P	0.9582	0.9842	0.1000	-2.7		*
63	Cumene	T	1.2399	1.2387		0.1		
64	4-Bromofluorobenzene	S	0.8281	0.8778		-6.0		
65	1,4 Dichlorobenzene-d4	I	1.0000	1.0000		0.0		
66	Bromobenzene	T	1.6374	1.6535		-1.0		
67	1,1,2,2-Tetrachloroethane	P	2.5683	2.6700	0.3000	-4.0		*
68	n-Propylbenzene	T	3.5912	3.8104		-6.1		
69	1,2,3-Trichloropropane	T	0.5829	0.6291		-7.9		
70	p-Ethyltoluene	T	3.6823	3.7666		-2.3		
71	1,3,5-Trimethylbenzene	T	2.6800	2.7667		-3.2		
72	2-Chlorotoluene	T	0.8849	0.9130		-3.2		
73	4-Chlorotoluene	T	0.8965	0.9472		-5.6		
74	tert-Butylbenzene	T	1.6318	1.7687		-8.4		
75	Pentachloroethane	T	1.6169	1.6653		-3.0		
76	1,2,4-Trimethylbenzene	T	2.7773	2.8685		-3.3		
77	sec-Butylbenzene	T	3.3372	3.3340		0.1		
78	4-Isopropyltoluene	T	2.5874	2.6200		-1.3		
79	1,3-Dichlorobenzene	T	2.0627	2.1213		-2.8		
80	1,4-Dichlorobenzene	T	2.2068	2.3013		-4.3		
81	1,2-Dichlorobenzene	T	2.1532	2.1723		-0.9		
82	p-Diethylbenzene	T	1.5891	1.6037		-0.9		
83	n-Butylbenzene	T	2.9173	3.0563		-4.8		
84	1,2,4,5-Tetramethylbenzene	T	2.6730	2.6844		-0.4		
85	1,2-Dibromo-3-chloropropane	T	0.6177	0.6370		-3.1		
86	1,2,4-Trichlorobenzene	T	1.4439	1.4054		2.7		
87	Hexachlorobutadiene	T	1.0633	0.9555		10.1		
88	Naphthalene	T	2.4936	2.4485		1.8		
89	1,2,3-Trichlorobenzene	T	1.3492	1.2780		5.3		
90	Xylenes (Total)	G	0.4966	0.4853		2.3		
91	1,2-Dichloroethene (total)	G	0.4270	0.4387		-2.7		

* System Performance Check Compounds with required minimum RRF values.
* Calibration Check Compounds (CCC) with required %D.

Sample Types:
T = Target Compund
M = Matrix Spike Compound
G = Analytical Group
S = Surrogate Standard
I = Internal Standard
P = System Performance Check Compound
C = Calibration Check Compound

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Lab File ID (Standard): C3621-3890 Date Analyzed: 07/20/2010

Instrument ID: C3621 Time Analyzed: 09:22:00 pm

GC Column: Rtx-624 - 0.53 mm Heated purge: (Y/N) N

	IS1 (PFB) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (CBZ) AREA	#	RT	#	IS4 (DCB) AREA	#	RT	#
12 HOUR STD	284579		9.29		327417		10.64		260984		16.22		95714		20.96	
UPPER LIMIT	569158		9.79		654834		11.14		521968		16.72		191428		21.46	
LOWER LIMIT	142290		8.79		163709		10.14		130492		15.72		47857		20.46	
EPA SAMPLE NO.																
VBLK-92	253927		9.29		293033		10.64		228458		16.22		78090		20.97	
1007286-01	248248		9.30		283962		10.64		220317		16.22		76881		20.97	
(1007286-02)	242976		9.30		276823		10.64		220967		16.23		73509		20.97	

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorbenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWERLIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Lab File ID (Standard): C3622-3911 Date Analyzed: 07/21/2010

Instrument ID: C3622 Time Analyzed: 09:58:00 am

GC Column: Rtx-624 - 0.53 mm Heated purge: (Y/N) N

	IS1 (PFB) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (CBZ) AREA	#	RT	#	IS4 (DCB) AREA	#	RT	#
12 HOUR STD	260600		9.31		302204		10.64		239737		16.23		86777		20.98	
UPPER LIMIT	521200		9.81		604408		11.14		479474		16.73		173554		21.48	
LOWER LIMIT	130300		8.81		151102		10.14		119869		15.73		43389		20.48	
EPA SAMPLE NO.																
VBLK-93	232892		9.32		271494		10.66		210933		16.25		72942		21.00	
1007286-03	240923		9.30		284477		10.65		218331		16.23		72365		20.98	
1007286-04	235287		9.30		275638		10.64		214035		16.23		72887		20.98	
1007286-05	236765		9.31		275411		10.66		217979		16.23		75073		20.98	
1007286-06	234738		9.31		278266		10.66		213468		16.25		74727		20.99	

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorbenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWERLIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

8A

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: ENVIROMENTAL TESTING LABORATORY Contract: SSS1001

Lab Code: ETL Case No.: NA SAS No: NA SDG No:

Lab File ID (Standard): C3624-3954 Date Analyzed: 07/23/2010

Instrument ID: C3624 Time Analyzed: 09:52:00 am

GC Column: Rtx-624 - 0.53 mm Heated purge: (Y/N) N

	IS1 (PFB) AREA	#	RT	#	IS2 (DFB) AREA	#	RT	#	IS3 (CBZ) AREA	#	RT	#	IS4 (DCB) AREA	#	RT	#
12 HOUR STD	234811		9.30		276029		10.63		220582		16.20		79189		20.95	
UPPER LIMIT	469622		9.80		552058		11.13		441164		16.70		158378		21.45	
LOWER LIMIT	117406		8.80		138015		10.13		110291		15.70		39595		20.45	
EPA SAMPLE NO.																
VBLK-97	206132		9.30		241757		10.64		191101		16.21		64068		20.96	
1007286-02	198936		9.30		234865		10.65		185005		16.23		60142		20.97	
1007286-03	197742		9.30		233758		10.65		186774		16.23		62861		20.98	

IS1 (PFB) = Pentafluorobenzene
IS2 (DFB) = 1,4-Difluorbenzene
IS3 (CBZ) = Chlorobenzene-d5
IS4 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = + 100% of internal standard area
AREA LOWERLIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Quantitation Report (Not Reviewed)

Data File : u:\data\C\c3621\C3907.D
Acq On : 21 Jul 2010 8:10 am
Sample : 1007286-1
Misc : ;10;L; C3621 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 8:41 2010

Vial: 20
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	248248	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.64	114	283962	50.00	ppb	-0.01
48) Chlorobenzene-d5 (IS)	16.22	117	220317	50.00	ppb	-0.01
65) 1,4-Dichlorobenzene-d4 (IS	20.97	152	76881	50.00	ppb	0.00
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.14	113	208120	50.24	ppb	-0.02
Spiked Amount 50.000			Recovery =	100.48%		
34) 1,2-Dichloroethane-d4	9.83	65	109697	52.76		-0.01
Spiked Amount 50.000			Recovery =	105.52%		
46) Toluene-d8 (SURR)	13.37	98	233541	50.04	ppb	0.00
Spiked Amount 50.000			Recovery =	100.08%		
64) 4-Bromofluorobenzene (SURR	18.62	95	182924	50.13	ppb	0.00
Spiked Amount 50.000			Recovery =	100.26%		
Target Compounds						Qvalue
7) Chloroethane	3.23	64	44984	41.65	ppb	96
~~20) 1,1-Dichloroethane~~	~~6.97~~	~~63~~	~~19167~~	~~4.39~~	~~ppb~~	~~94~~

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

00060

9/1/15

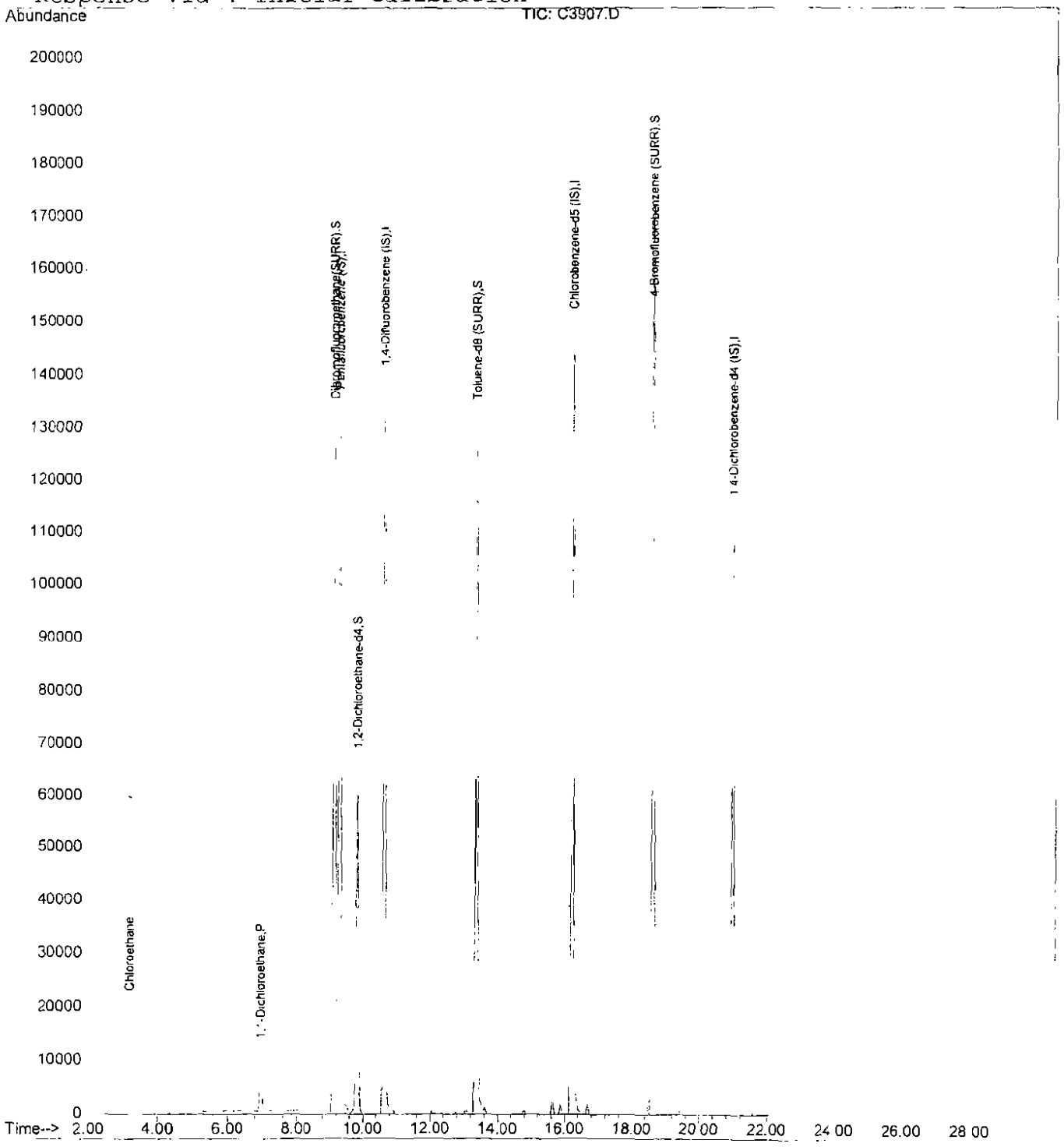
RC

Quantitation Report

Data File : u:\data\C\c3621\C3907.D
Acq On : 21 Jul 2010 8:10 am
Sample : 1007286-1
Misc : ;10;L; C3621 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 8:41 2010

Vial: 20
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3624\C3962.D
Acq On : 23 Jul 2010 2:59 pm
Sample : 1007286-2
Misc : ;1;L; C3624 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 26 6:28 2010

Vial: 10
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLATILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	198936	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.65	114	234865	50.00	ppb	0.00
48) Chlorobenzene-d5 (IS)	16.23	117	185005	50.00	ppb	0.00
65) 1,4-Dichlorobenzene-d4 (IS	20.97	152	60142	50.00	ppb	0.00
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.16	113	179623	54.11	ppb	0.00
Spiked Amount 50.000			Recovery =	108.22%		
34) 1,2-Dichloroethane-d4	9.84	65	108872	65.35		0.00
Spiked Amount 50.000			Recovery =	130.70%		
46) Toluene-d8 (SURR)	13.38	98	196686	50.95	ppb	0.00
Spiked Amount 50.000			Recovery =	101.90%		
64) 4-Bromofluorobenzene (SURR	18.63	95	155198	50.65	ppb	0.00
Spiked Amount 50.000			Recovery =	101.30%		
Target Compounds						Qvalue
~~14) Carbon disulfide~~	~~4.82~~	~~76~~	~~2389~~	~~0.57~~	~~ppb~~	~~# 88~~
~~18) Methyl t-butyl ether~~	~~6.05~~	~~73~~	~~5354~~	~~1.34~~	~~ppb~~	~~# 47~~

(#) = qualifier out of range (m) = manual integration
C3962.D C_8260.M Mon Jul 26 06:28:43 2010

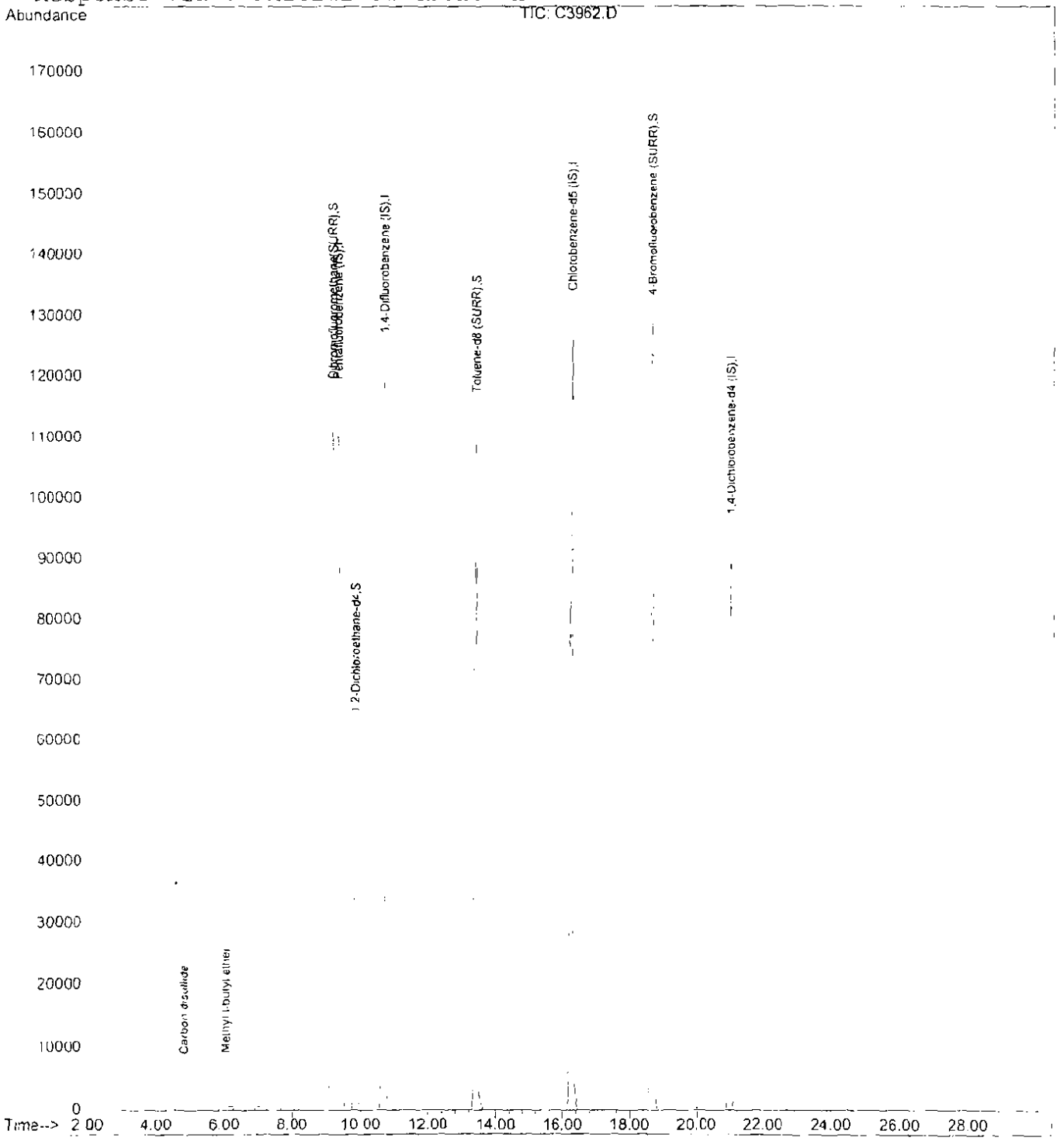
8/30/10

Quantitation Report

Data File : U:\DATA\C\C3624\C3962.D
Acq On : 23 Jul 2010 2:59 pm
Sample : 2007286-2
Misc : ;1;L; C3624 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 26 6:28 2010

Vial: 10
Operator: YS
Inst : GC/MS Ins
Multipir: 1.00
Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : u:\data\C\c3621\C3908.D
Acq On : 21 Jul 2010 8:48 am
Sample : 1007286-2
Misc : ;10;L; C3621 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 9:19 2010

Vial: 21
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	242976	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.64	114	276823	50.00	ppb	0.00
48) Chlorobenzene-d5 (IS)	16.23	117	220967	50.00	ppb	0.00
65) 1,4-Dichlorobenzene-d4 (IS	20.97	152	73509	50.00	ppb	0.00
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.15	113	203529	50.20	ppb	0.00
Spiked Amount 50.000			Recovery =	100.40%		
34) 1,2-Dichloroethane-d4	9.83	65	107944	53.05		0.00
Spiked Amount 50.000			Recovery =	106.10%		
46) Toluene-d8 (SURR)	13.37	98	230009	50.56	ppb	0.00
Spiked Amount 50.000			Recovery =	101.12%		
64) 4-Bromofluorobenzene (SURR	18.62	95	182152	49.77	ppb	0.00
Spiked Amount 50.000			Recovery =	99.54%		

Target Compounds	Qvalue

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

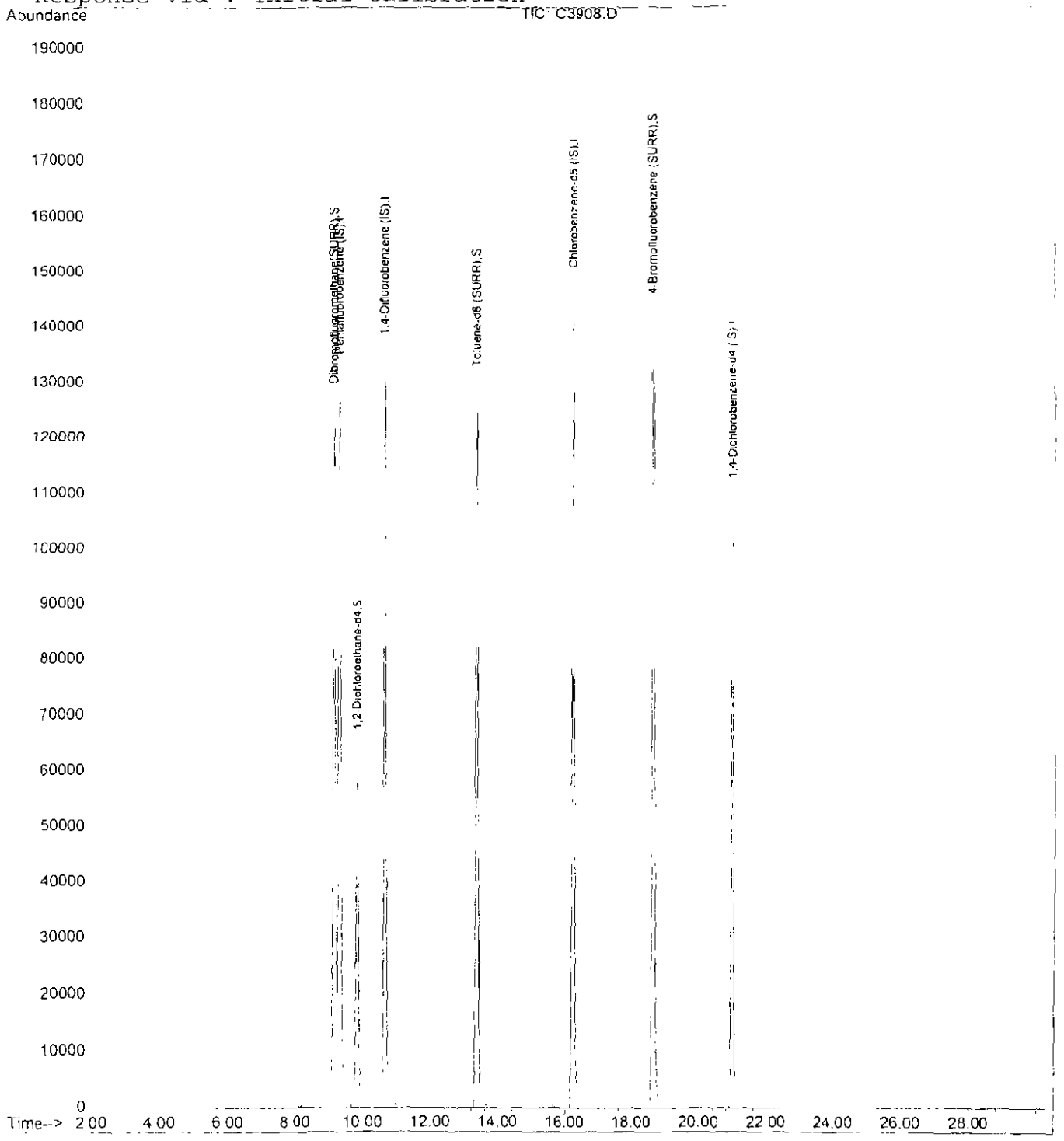
Quantitation Report

Data File : u:\data\C\c3621\C3908.D
Acq On : 21 Jul 2010 8:48 am
Sample : 1007286-2
Misc : ;10;L; C3621 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 9:19 2010

Vial: 21
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3622\C3926.D
Acq On : 21 Jul 2010 7:43 pm
Sample : 1007286-3
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 22 6:25 2010

Vial: 17
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C 8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	240923	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.65	114	284477	50.00	ppb	0.00
48) Chlorobenzene-d5 (IS)	16.23	117	218331	50.00	ppb	0.00
65) 1,4-Dichlorobenzene-d4 (IS	20.98	152	72365	50.00	ppb	0.01
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.15	113	206768	51.44	ppb	0.00
Spiked Amount 50.000			Recovery =	102.88%		
34) 1,2-Dichloroethane-d4	9.84	65	113452	56.23		0.00
Spiked Amount 50.000			Recovery =	112.46%		
46) Toluene-d8 (SURR)	13.38	98	230927	49.39	ppb	0.00
Spiked Amount 50.000			Recovery =	98.78%		
64) 4-Bromofluorobenzene (SURR	18.63	95	178968	49.49	ppb	0.00
Spiked Amount 50.000			Recovery =	98.98%		
Target Compounds						Qvalue
5) Vinylchloride	2.59	62	24745	19.60	ppb	94
~~7) Chloroethane~~	~~3.22~~	~~64~~	~~1583348~~	~~1428.92~~	~~ppb~~	~~96~~
~~20) 1,1-Dichloroethane~~	~~6.99~~	~~63~~	~~10316942~~	~~2436.57~~	~~ppb~~	~~96~~
29) 1,1,1 Trichloroethane	9.04	97	10142	2.23	ppb	100
~~36) 1,2 Dichloroethane~~	~~9.98~~	~~62~~	~~665~~	~~0.21~~	~~ppb~~	~~#~~ 42

(#) = qualifier out of range (m) = manual integration
BTB 8/20/10
C3926.D C_8260.M Thu Jul 22 06:25:40 2010 Page 1

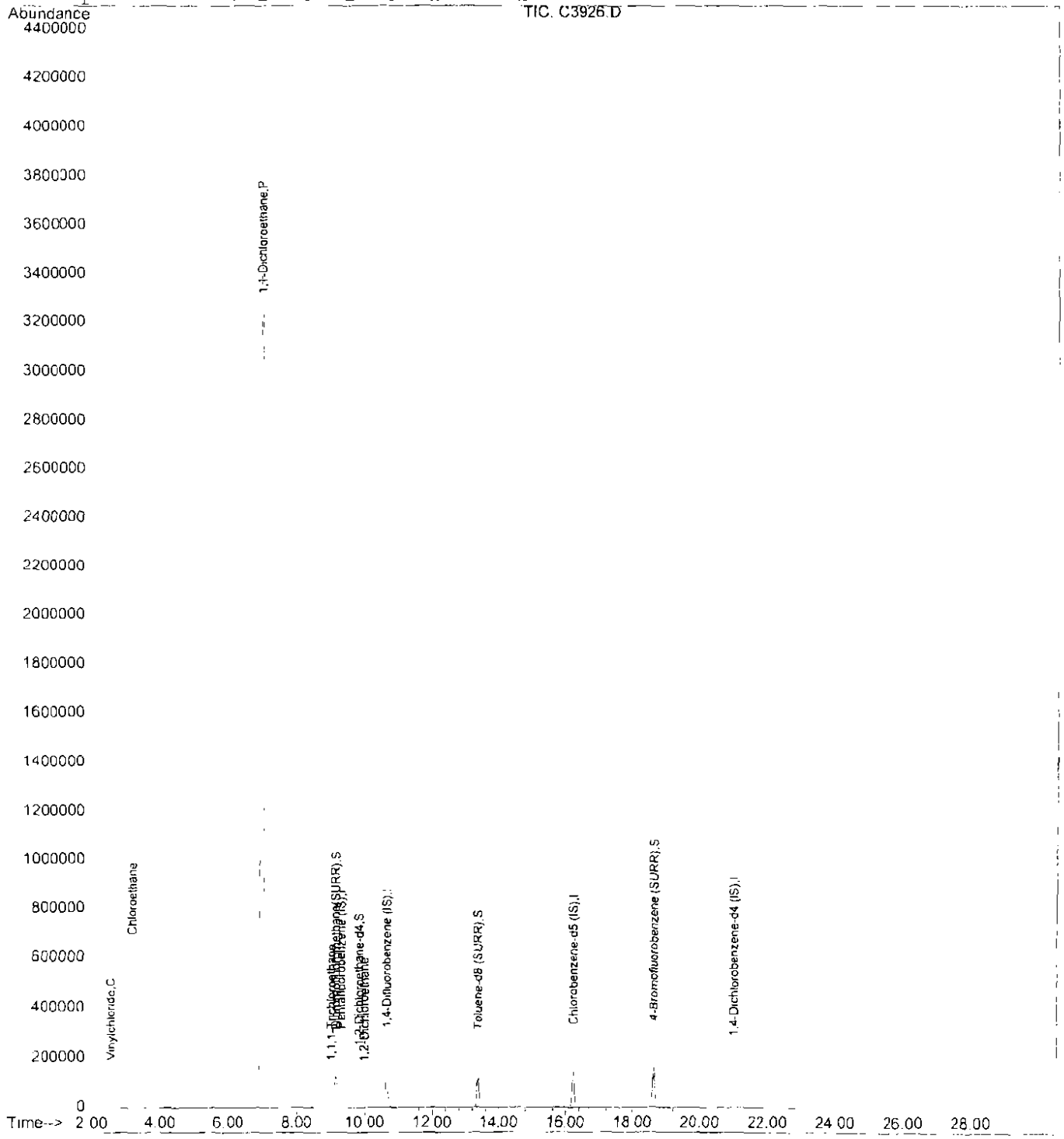
00066

Quantitation Report

Data File : U:\DATA\C\C3622\C3926.D
Acq On : 21 Jul 2010 7:43 pm
Sample : 1007286-3
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 22 6:25 2010

Vial: 17
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C 8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3624\C3963.D
Acq On : 23 Jul 2010 3:37 pm
Sample : 1007286-3
Misc : ;50;L; C3624 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 26 6:29 2010

Vial: 11
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	197742	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.65	114	233758	50.00	ppb	0.00
48) Chlorobenzene-d5 (IS)	16.23	117	186774	50.00	ppb	0.00
65) 1,4-Dichlorobenzene-d4 (IS	20.98	152	62861	50.00	ppb	0.00
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.15	113	176557	53.51	ppb	0.00
Spiked Amount 50.000			Recovery =	107.02%		
34) 1,2-Dichloroethane-d4	9.84	65	107595	64.97		0.00
Spiked Amount 50.000			Recovery =	129.94%		
46) Toluene-d8 (SURR)	13.38	98	196442	51.13	ppb	0.00
Spiked Amount 50.000			Recovery =	102.26%		
64) 4-Bromofluorobenzene (SURR	18.63	95	160655	51.93	ppb	0.00
Spiked Amount 50.000			Recovery =	103.86%		
Target Compounds						
7) Chloroethane	3.22	64	[illegible]			
20) 1,1-Dichloroethane	6.97	63	170245	[illegible]	ppb	

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

Quantitation Report

Data File : U:\DATA\C\C3624\C3963.D
Acq On : 23 Jul 2010 3:37 pm
Sample : 1007286-3
Misc : ;50;L; C3624 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 26 6:29 2010

Vial: 11
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3622\C3925.D Vial: 16
Acq On : 21 Jul 2010 7:05 pm Operator: YS
Sample : 1007286-4 Inst : GC/MS Ins
Misc : ;1;L; C3622 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 6:24 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	235287	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.64	114	275638	50.00	ppb	0.00
48) Chlorobenzene-d5 (IS)	16.23	117	214035	50.00	ppb	0.00
65) 1,4-Dichlorobenzene-d4 (IS	20.98	152	72887	50.00	ppb	0.01
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.15	113	199495	50.82	ppb	0.00
Spiked Amount 50.000			Recovery = 101.64%			
34) 1,2-Dichloroethane-d4	9.83	65	106613	54.11		
Spiked Amount 50.000			Recovery = 108.22%			
46) Toluene-d8 (SURR)	13.38	98	223523	49.34	ppb	0.00
Spiked Amount 50.000			Recovery = 98.68%			
64) 4-Bromofluorobenzene (SURR	18.63	95	179444	50.62	ppb	0.00
Spiked Amount 50.000			Recovery = 101.24%			

Target Compounds Qvalue

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

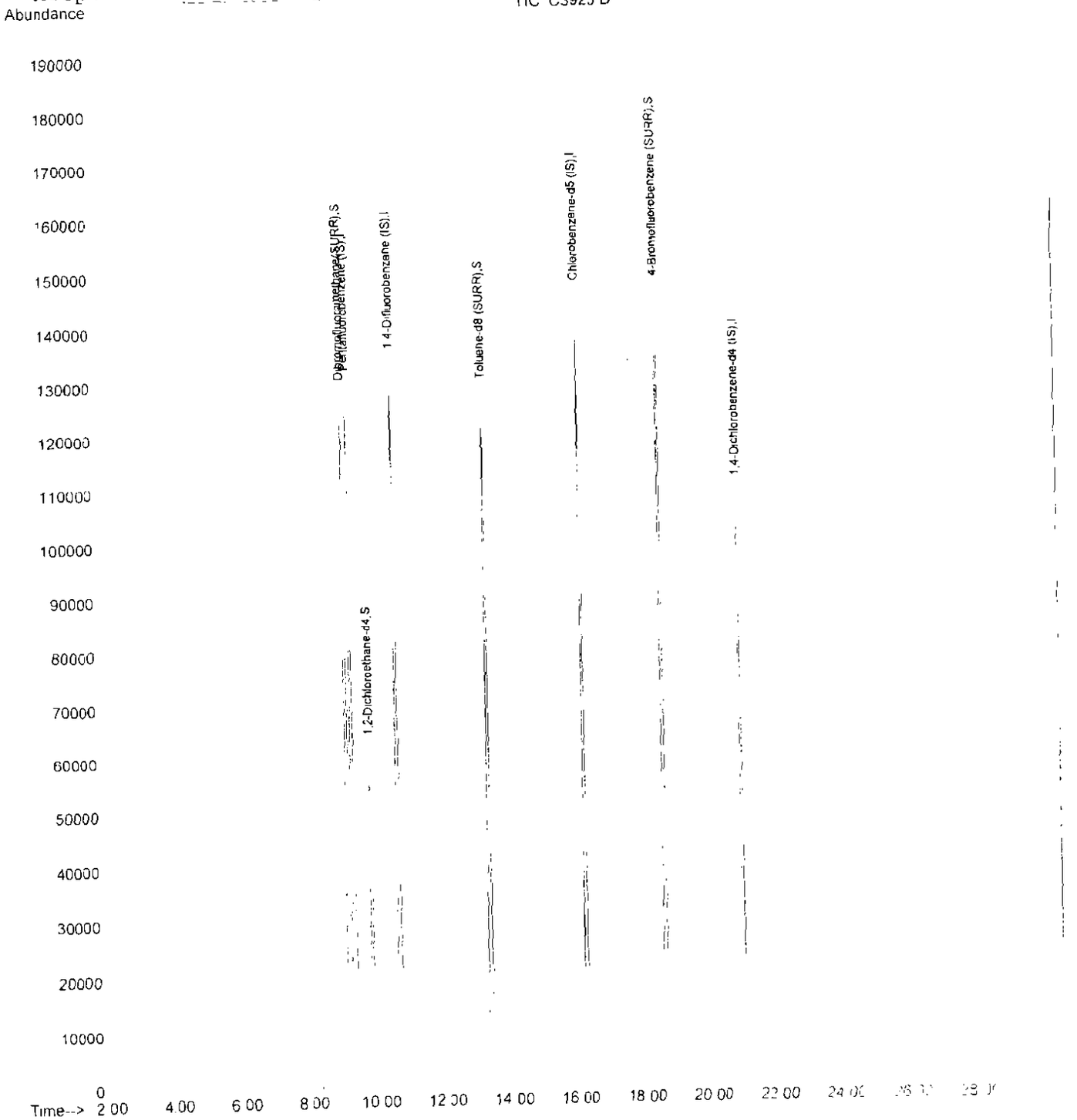
Quantitation Report

Data File : U:\DATA\C\C3622\C3925.D
Acq On : 21 Jul 2010 7:05 pm
Sample : 1007286-4
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 22 6:24 2010

Vial: 16
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3622\C3924.D Vial: 15
Acq On : 21 Jul 2010 6:27 pm Operator: YS
Sample : 1007286-5 Inst : GC/MS Ins
Misc : ;1;L; C3622 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 6:24 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.31	168	236765	50.00	ppb	0.01
35) 1,4-Difluorobenzene (IS)	10.66	114	275411	50.00	ppb	0.01
48) Chlorobenzene-d5 (IS)	16.23	117	217979	50.00	ppb	0.00
65) 1,4-Dichlorobenzene-d4 (IS	20.98	152	75073	50.00	ppb	0.01
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.16	113	200722	50.81	ppb	0.00
Spiked Amount 50.000			Recovery =	101.62%		
34) 1,2-Dichloroethane-d4	9.85	65	108744	54.84		0.01
Spiked Amount 50.000			Recovery =	109.68%		
46) Toluene-d8 (SURR)	13.38	98	227198	50.19	ppb	0.00
Spiked Amount 50.000			Recovery =	100.38%		
64) 4-Bromofluorobenzene (SURR	18.63	95	181138	50.17	ppb	0.00
Spiked Amount 50.000			Recovery =	100.34%		

Target Compounds Qvalue

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

Data File : U:\DATA\C\C3622\C3924.D
Acq On : 21 Jul 2010 6:27 pm
Sample : 1007286-5
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 22 6:24 2010

Vial: 15
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3622\C3923.D Vial: 14
Acq On : 21 Jul 2010 5:48 pm Operator: YS
Sample : 1007286-6 Inst : GC/MS Ins
Misc : ;1;L; C3622 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 22 6:23 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLATILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.31	168	234738	50.00 ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.66	114	278266	50.00 ppb	0.00
48) Chlorobenzene-d5 (IS)	16.25	117	213468	50.00 ppb	0.02
65) 1,4-Dichlorobenzene-d4 (IS	20.99	152	74727	50.00 ppb	0.02
System Monitoring Compounds					
30) Dibromofluoromethane(SURR)	9.17	113	199017	50.81 ppb	0.00
Spiked Amount 50.000			Recovery =	101.62%	
34) 1,2-Dichloroethane-d4	9.84	65	109494	55.70	0.00
Spiked Amount 50.000			Recovery =	111.40%	
46) Toluene-d8 (SURR)	13.39	98	225038	49.21 ppb	0.00
Spiked Amount 50.000			Recovery =	98.42%	
64) 4-Bromofluorobenzene (SURR	18.64	95	180325	51.00 ppb	0.00
Spiked Amount 50.000			Recovery =	102.00%	
Target Compounds					Qvalue

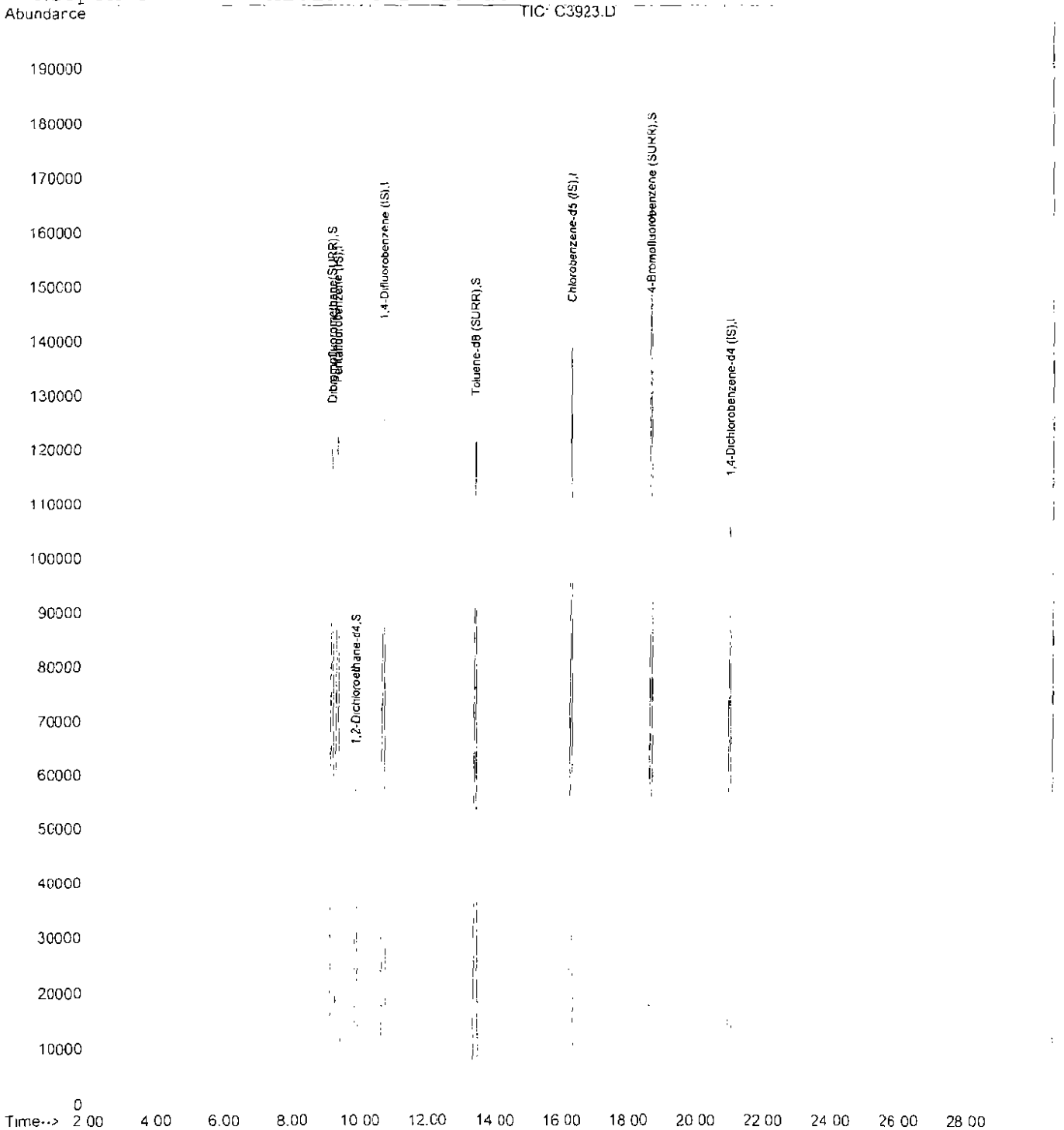
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\C\C3622\C3923.D
Acq On : 21 Jul 2010 5:48 pm
Sample : 1007286-6
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 22 6:23 2010

Vial: 14
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3621\C3893.D Vial: 6
Acq On : 20 Jul 2010 11:16 pm Operator: YS
Sample : VBLK-92 Inst : GC/MS Ins
Misc : ;1;L; C3621 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 6:34 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.29	168	253927	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.64	114	293033	50.00	ppb	0.00
48) Chlorobenzene-d5 (IS)	16.22	117	228458	50.00	ppb	0.00
65) 1,4-Dichlorobenzene-d4 (IS	20.97	152	78090	50.00	ppb	0.00
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.14	113	213482	50.39	ppb	-0.02
Spiked Amount 50.000			Recovery =	100.78%		
34) 1,2-Dichloroethane-d4	9.82	65	108547	51.04		-0.02
Spiked Amount 50.000			Recovery =	102.08%		
46) Toluene-d8 (SURR)	13.36	98	238309	49.48	ppb	-0.02
Spiked Amount 50.000			Recovery =	98.96%		
64) 4-Bromofluorobenzene (SURR	18.62	95	187126	49.45	ppb	0.00
Spiked Amount 50.000			Recovery =	98.90%		
Target Compounds						Qvalue
~~83) n-Butylbenzene~~	~~21.71~~	~~91~~	~~2311~~	~~0.51~~	~~ppb~~	~~# 24~~

(#) = qualifier out of range (m) = manual integration
C3893.D C_8260.M Wed Jul 21 06:34:41 2010 Page 1
00076

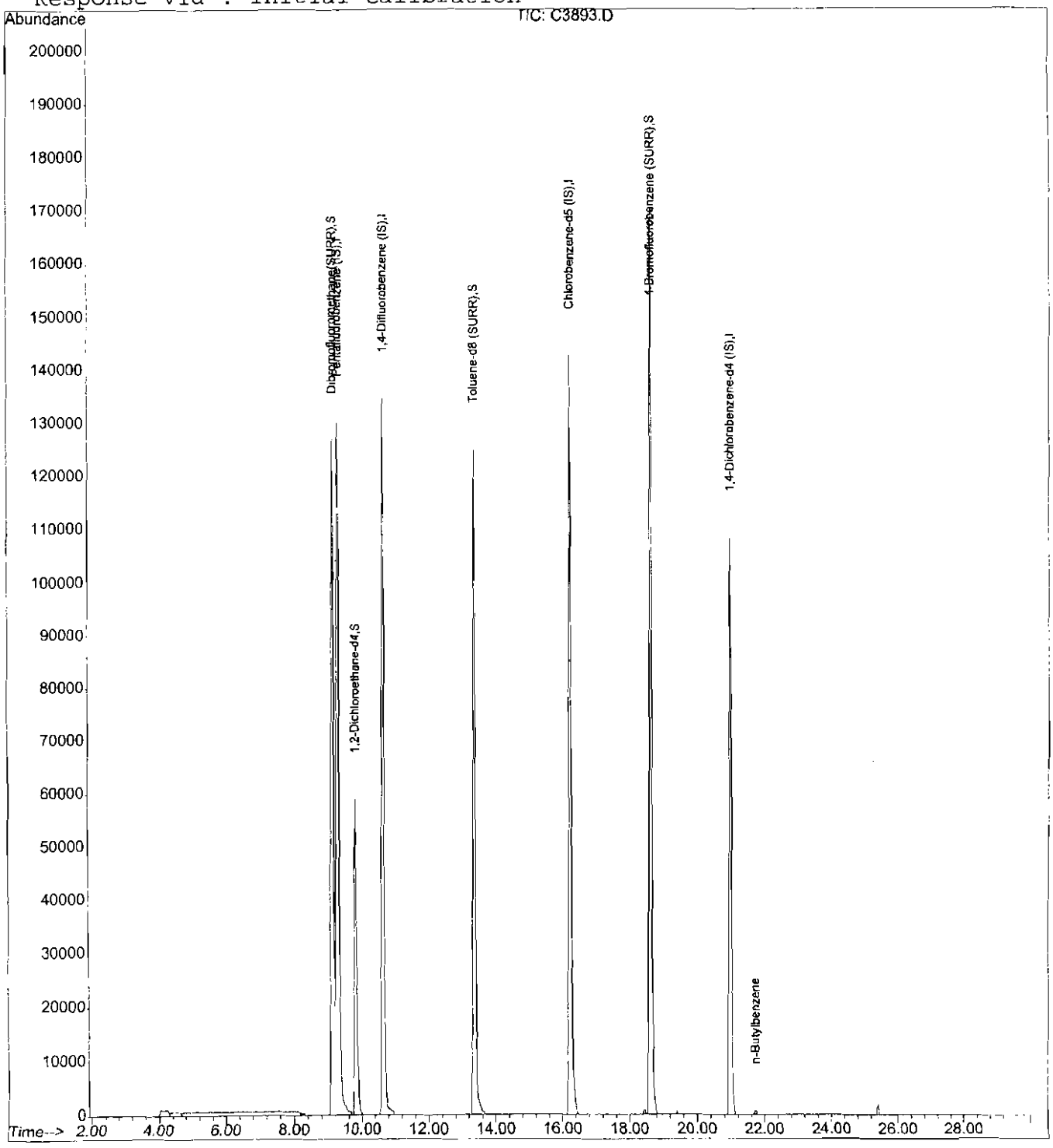
Quantitation Report

Data File : U:\DATA\C\C3621\C3893.D
Acq On : 20 Jul 2010 11:16 pm
Sample : VBLK-92
Misc : ;1;L; C3621 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 6:34 2010

Vial: 6
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3622\C3914.D
Acq On : 21 Jul 2010 11:55 am
Sample : VBLK-93
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 13:10 2010

Vial: 5
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.32	168	232892	50.00	ppb	0.01
35) 1,4-Difluorobenzene (IS)	10.66	114	271494	50.00	ppb	0.01
48) Chlorobenzene-d5 (IS)	16.25	117	210933	50.00	ppb	0.02
65) 1,4-Dichlorobenzene-d4 (IS	21.00	152	72942	50.00	ppb	0.03
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.16	113	199293	51.29	ppb	0.00
Spiked Amount 50.000			Recovery = [illegible]			
34) 1,2-Dichloroethane-d4	9.85	65	106351	54.53		0.01
Spiked Amount 50.000			Recovery = 109.06%			
46) Toluene-d8 (SURR)	13.39	98	224135	50.23	ppb	0.01
Spiked Amount 50.000			Recovery = 100.46%			
64) 4-Bromofluorobenzene (SURR	18.65	95	176595	50.55	ppb	0.02
Spiked Amount 50.000			Recovery = 101.10%			
Target Compounds						Qvalue
~~83) n-Butylbenzene~~	~~21.74~~	~~91~~	~~1061~~	~~0.25~~	~~ppb~~	~~#~~ ~~24~~
~~87) Hexachlorobutadiene~~	~~25.43~~	~~225~~	~~2265~~	~~Below Cal~~		~~#~~ 32

(#) = qualifier out of range (m) = manual integration
C3914.D C_8260.M Wed Jul 21 14:14:23 2010

8/30/10

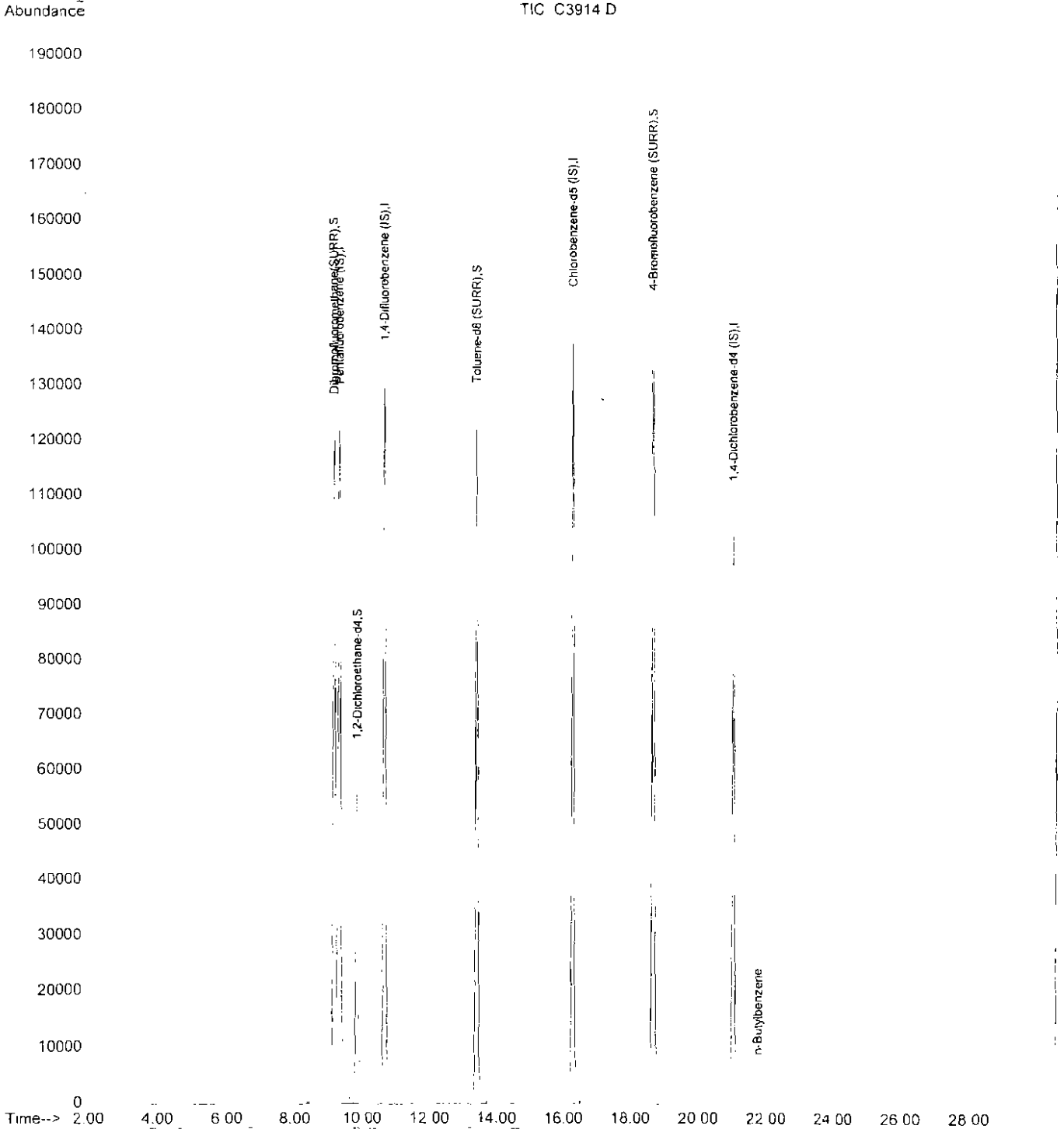
00078

Quantitation Report

Data File : U:\DATA\C\C3622\C3914.D
Acq On : 21 Jul 2010 11:55 am
Sample : VBLK-93
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 13:10 2010

Vial: 5
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : U:\DATA\C\C3624\C3957.D Vial: 5
Acq On : 23 Jul 2010 11:48 am Operator: YS
Sample : VBLK-97 Inst : GC/MS Ins
Misc : ;1;L; C3624 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 13:03 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

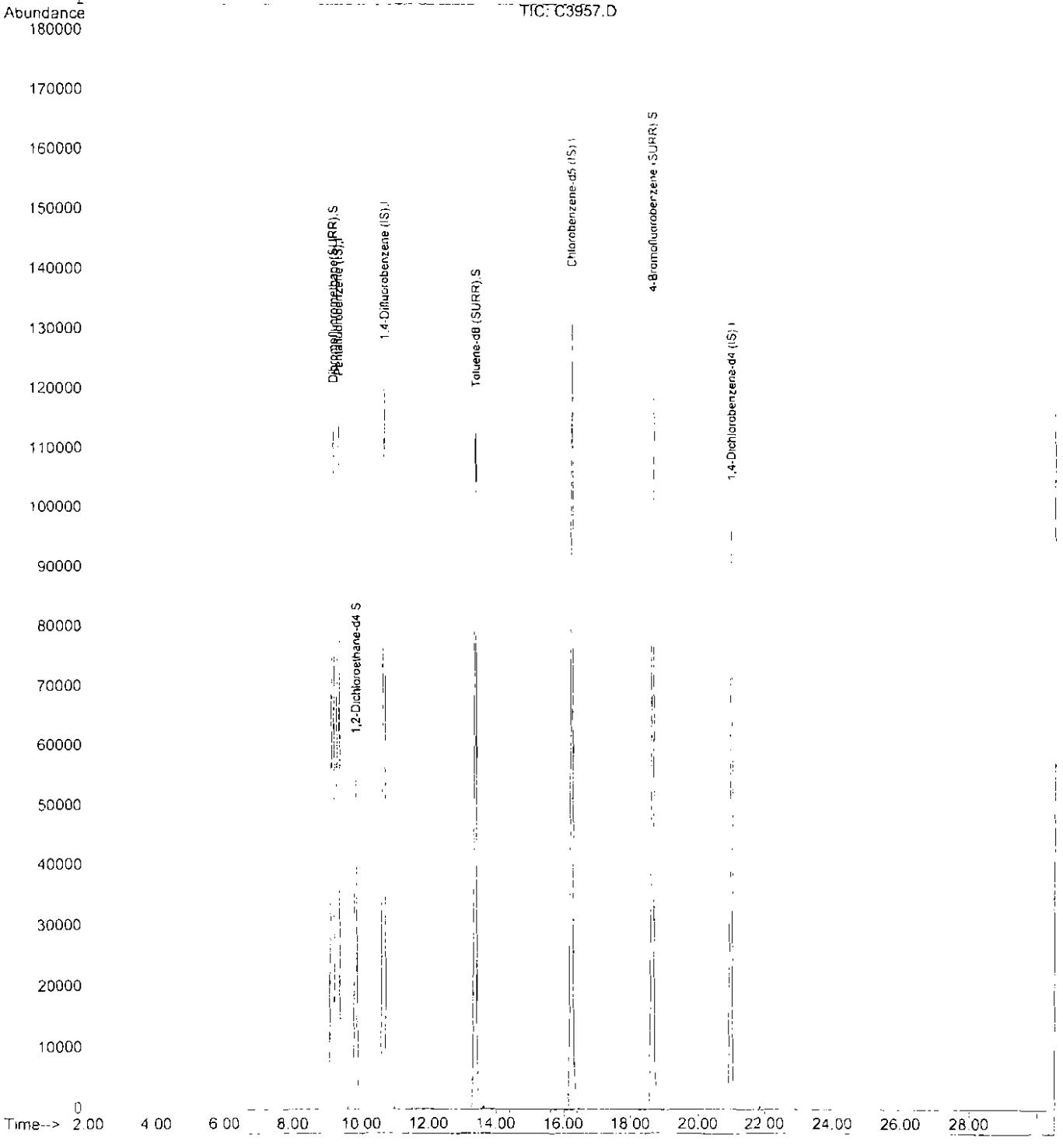
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	206132	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.64	114	241757	50.00	ppb	0.00
48) Chlorobenzene-d5 (IS)	16.21	117	191101	50.00	ppb	-0.02
65) 1,4-Dichlorobenzene-d4 (IS	20.96	152	64068	50.00	ppb	0.00
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.15	113	183107	53.24	ppb	0.00
Spiked Amount 50.000			Recovery =	106.48%		
34) 1,2-Dichloroethane-d4	9.83	65	108779	63.01		0.00
Spiked Amount 50.000			Recovery =	126.02%		
46) Toluene-d8 (SURR)	13.37	98	202426	50.95	ppb	0.00
Spiked Amount 50.000			Recovery =	101.90%		
64) 4-Bromofluorobenzene (SURR	18.62	95	163596	51.69	ppb	0.00
Spiked Amount 50.000			Recovery =	103.38%		
Target Compounds						Qva...

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

Data File : U:\DATA\C\C3624\C3957.D
Acq On : 23 Jul 2010 11:48 am
Sample : VBLK-97
Misc : ;1;L; C3624 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 23 13:03 2010

Vial: 5
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : U:\DATA\C\C3624\C3958.D Vial: 6
Acq On : 23 Jul 2010 12:26 pm Operator: YS
Sample : MSB-65 Inst : GC/MS Ins
Misc : ;1;L; C3624 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 13:05 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.29	168	205416	50.00	ppb	-0.01
35) 1,4-Difluorobenzene (IS)	10.63	114	239833	50.00	ppb	-0.02
48) Chlorobenzene-d5 (IS)	16.22	117	191233	50.00	ppb	-0.01
65) 1,4-Dichlorobenzene-d4 (IS	20.96	152	63684	50.00	ppb	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.14	113	183731	53.61	ppb	-0.02
Spiked Amount 50.000			Recovery =	107.22%		
34) 1,2-Dichloroethane-d4	9.82	65	108869	63.28		-0.02
Spiked Amount 50.000			Recovery =	126.56%		
46) Toluene-d8 (SURR)	13.36	98	202331	51.33	ppb	-0.02
Spiked Amount 50.000			Recovery =	102.66%		
64) 4-Bromofluorobenzene (SURR	18.61	95	166906	52.70	ppb	-0.02
Spiked Amount 50.000			Recovery =	105.40%		
Target Compounds						Qvalue
11) 1,1-Dichloroethene	4.45	96	87948	57.53	ppb	97
33) Benzene	9.74	78	243107	57.47	ppb	100
39) Trichloroethene	11.02	95	125685	54.46	ppb	99
47) Toluene	13.49	92	141040	52.24	ppb	98
56) Chlorobenzene	16.27	112	198240	49.03	ppb	99

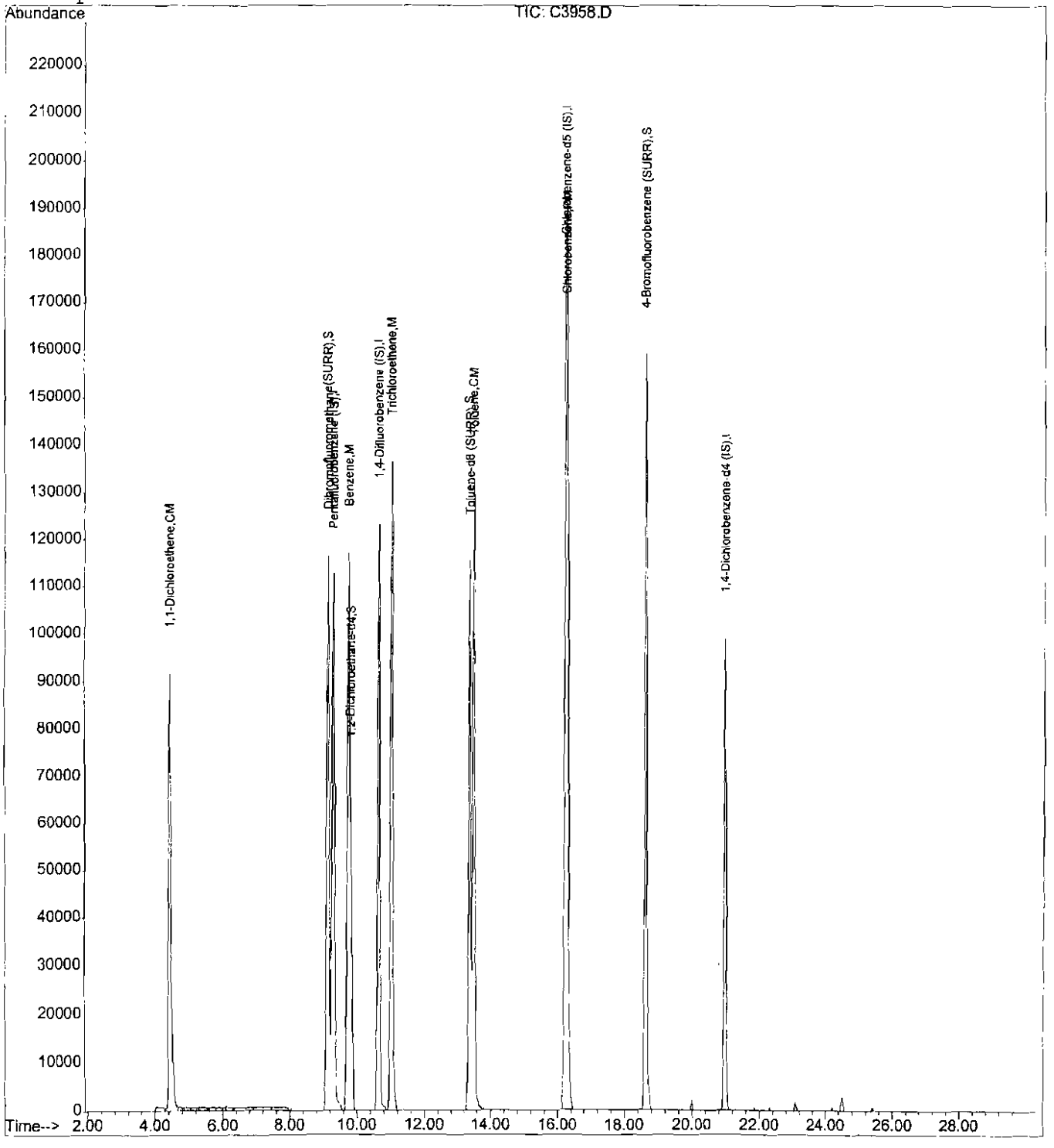
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\C\C3624\C3958.D
Acq On : 23 Jul 2010 12:26 pm
Sample : MSB-65
Misc : ;1;L; C3624 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 23 13:05 2010

Vial: 6
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

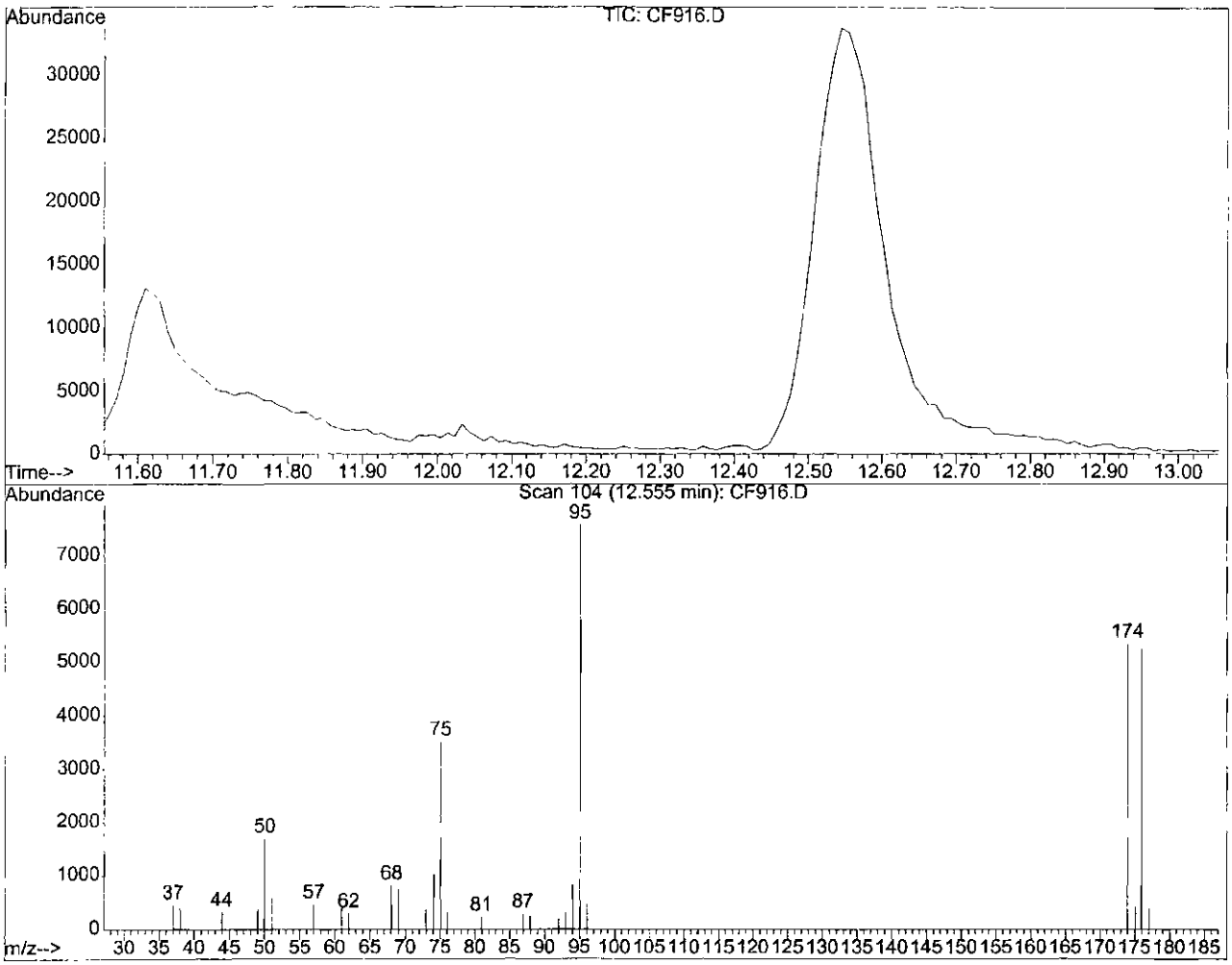
Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



BFB

Data File : U:\DATA\C\C3619\CF916.D
Acq On : 19 Jul 2010 3:06 pm
Sample : 50ngBFB
Misc : ;1;L; C3619 BFB
MS Integration Params: events.e
Method : U:\METHODS\C\C_BFB.M (Chemstation Integrator)
Title :

Vial: 1
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Scan 104

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.5	1704	PASS
75	95	30	60	46.4	3519	PASS
95	95	100	100	100.0	7578	PASS
96	95	5	9	6.2	471	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.7	5354	PASS
175	174	5	9	8.0	429	PASS
176	174	95	101	98.4	5269	PASS
177	176	5	9	7.5	394	PASS

CF916.D C_BFB.M Tue Jul 20 06:23:45 2010

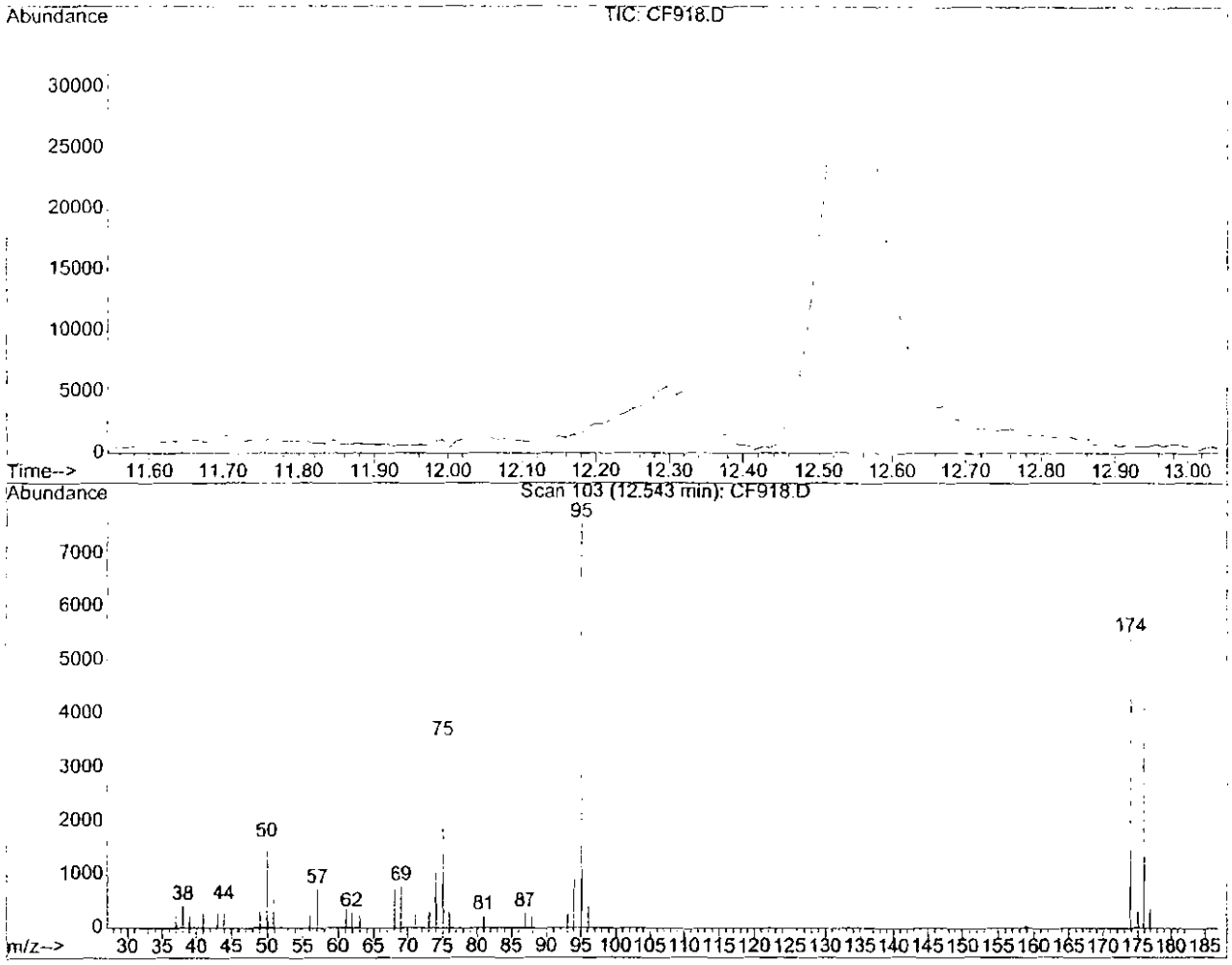
Scan 104 (12.555 min): CF916.D
50ngBFB

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.05	6	72.95	5	96.05	6		
38.05	5	74.05	14	173.95	71		
43.95	4	75.05	46	175.05	6		
49.00	5	76.10	4	175.95	70		
50.00	22	80.95	3	177.05	5		
51.05	8	86.95	4				
57.00	6	87.95	3				
60.95	6	92.00	3				
62.00	4	93.00	4				
68.05	11	94.05	11				
69.00	10	95.05	100				

BFB

Data File : U:\DATA\C\C3621\CF918.D
Acq On : 20 Jul 2010 8:49 pm
Sample : 50ngBFB
Misc : ;1;L; C3621 BFB
MS Integration Params: events.e
Method : U:\METHODS\C\C_BFB.M (Chemstation Integrator)
Title :

Vial: 2
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Scan 103

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.1	1599	PASS
75	95	30	60	45.9	3486	PASS
95	95	100	100	100.0	7588	PASS
96	95	5	9	5.4	413	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	71.6	5432	PASS
175	174	5	9	6.9	374	PASS
176	174	95	101	97.8	5310	PASS
177	176	5	9	7.2	384	PASS

CF918.D C_BFB.M Wed Jul 21 06:26:51 2010

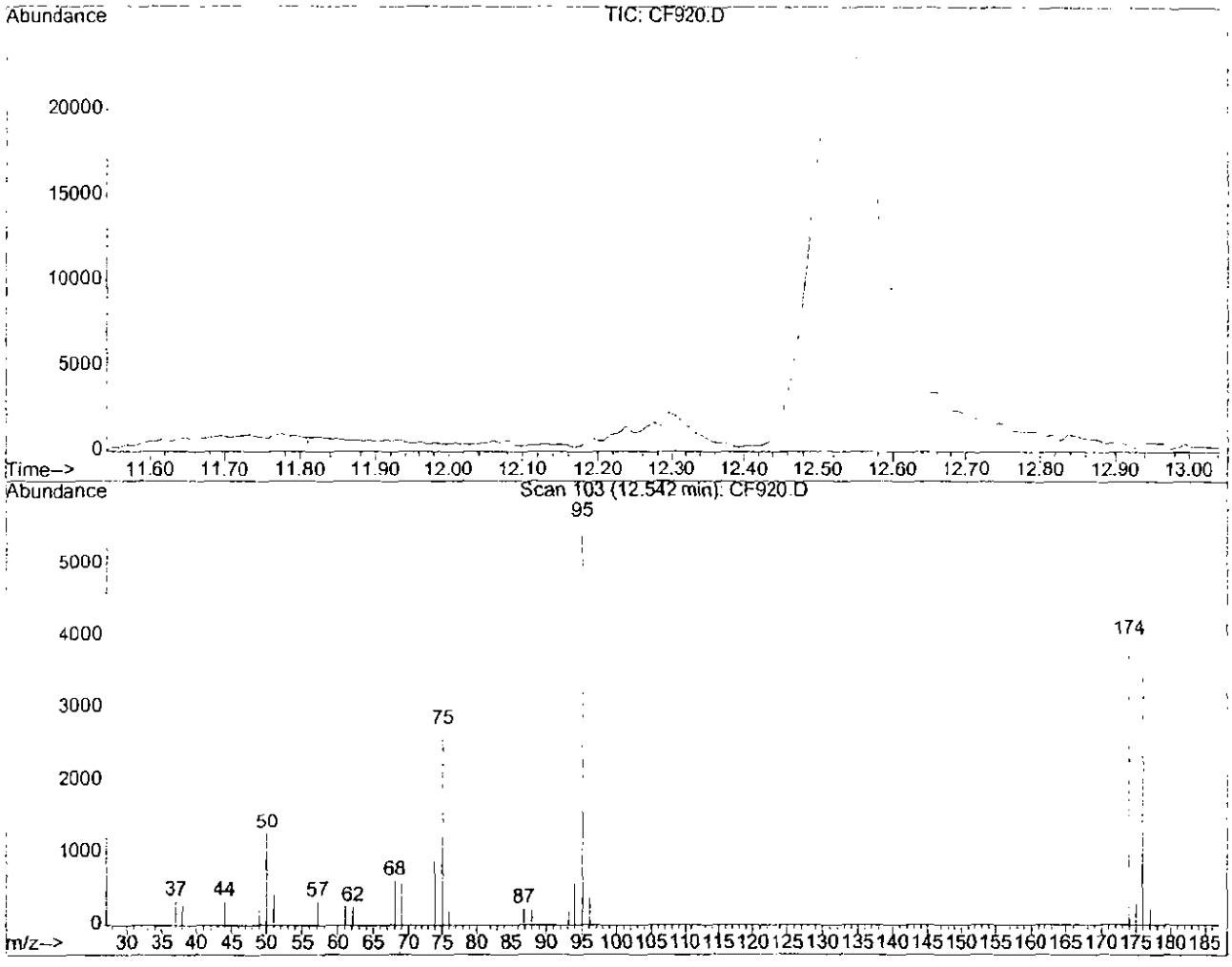
Scan 103 (12.543 min): CF918.D
50ngBFB

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.05	6	61.05	5	86.95	4		
38.05	6	61.90	4	87.95	3		
39.05	3	63.00	3	93.10	4		
41.00	4	68.05	10	94.05	11		
43.05	5	69.00	10	95.05	100		
43.95	6	71.10	4	96.05	5		
49.00	4	73.05	4	173.95	72		
50.00	21	74.05	15	175.05	5		
50.95	7	75.05	46	175.95	70		
56.00	3	76.00	4	176.95	5		
57.10	10	80.95	3				

BFB

Data File : U:\DATA\C\C3622\CF920.D
Acq On : 21 Jul 2010 9:25 am
Sample : 50ngBFB
Misc : ;1;L; C3622 BFB
MS Integration Params: events.e
Method : U:\METHODS\C\C_BFB.M (Chemstation Integrator)
Title :

Vial: 1
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Scan 103

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.6	1265	PASS
75	95	30	60	48.4	2707	PASS
95	95	100	100	100.0	5589	PASS
96	95	5	9	7.1	395	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	70.8	3955	PASS
175	174	5	9	7.4	291	PASS
176	174	95	101	97.3	3849	PASS
177	176	5	9	5.9	229	PASS

CF920.D C_BFB.M Wed Jul 21 09:40:38 2010

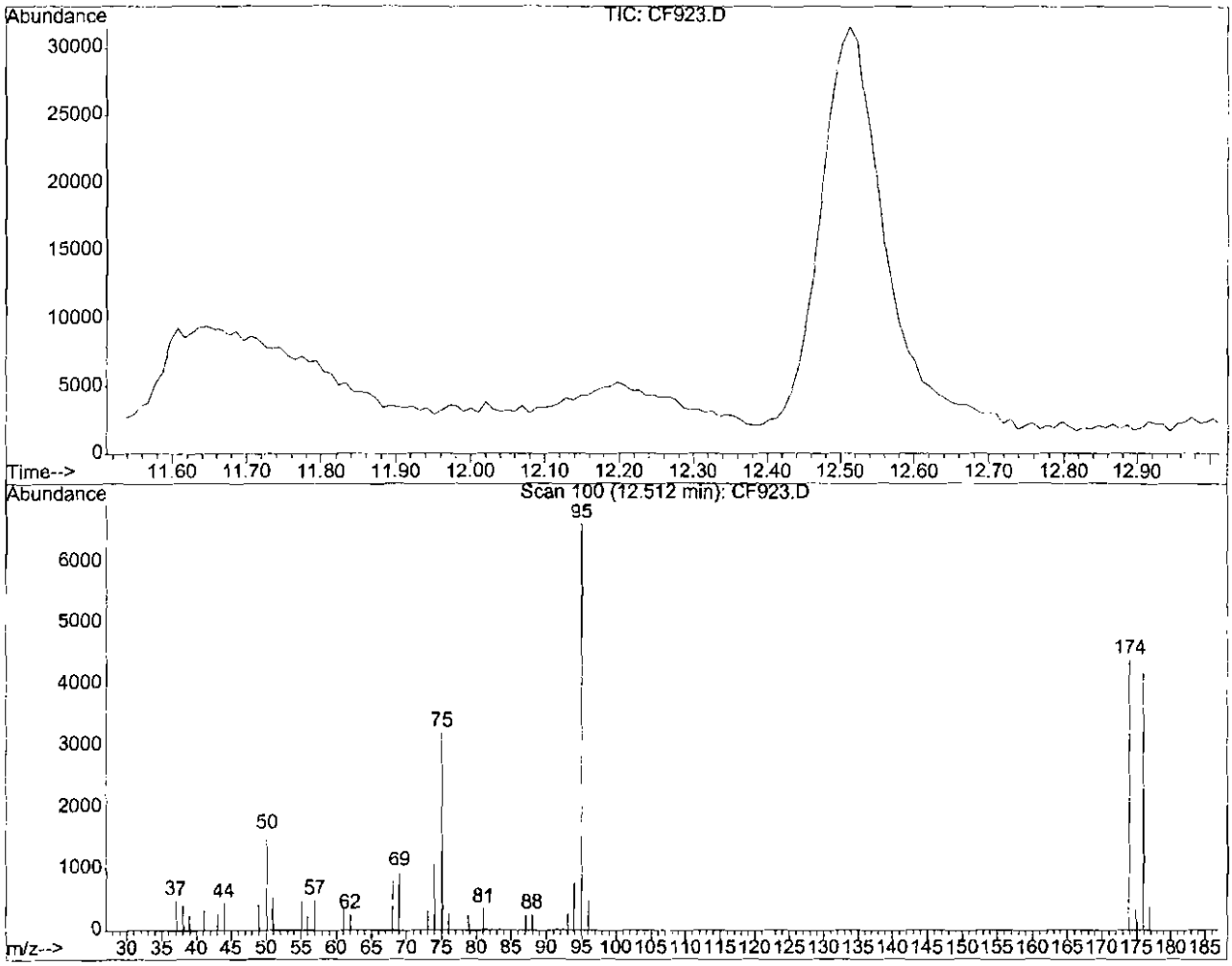
Scan 103 (12.542 min): CF920.D
50ngBFB

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.05	6	73.95	16	175.95	69		
38.05	5	75.05	48	177.05	4		
43.95	6	76.00	4				
49.00	4	86.85	4				
50.00	23	87.95	4				
51.05	8	93.10	4				
57.10	6	93.95	11				
61.05	5	95.05	100				
62.10	5	96.05	7				
68.05	11	173.95	71				
69.00	11	174.95	5				

BFB

Data File : U:\DATA\C\C3624\CF923.D
Acq On : 23 Jul 2010 9:08 am
Sample : 50ngBFB
Misc : ;1;L; C3624 BFB
MS Integration Params: events.e
Method : U:\METHODS\C\C_BFB.M (Chemstation Integrator)
Title :

Vial: 1
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00



Spectrum Information: Scan 100

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.6	1559	PASS
75	95	30	60	48.4	3203	PASS
95	95	100	100	100.0	6614	PASS
96	95	5	9	7.2	475	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.3	4388	PASS
175	174	5	9	7.9	347	PASS
176	174	95	101	95.5	4192	PASS
177	176	5	9	8.9	371	PASS

CF923.D C_BFB.M Fri Jul 23 09:26:11 2010

Scan 100 (12.512 min): CF923.D
50ngBFB

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.05	7	57.00	7	87.05	4		
38.05	6	61.05	5	87.95	4		
39.05	4	62.00	4	93.10	4		
41.10	5	68.05	12	94.05	12		
43.05	4	69.00	14	95.05	100		
43.95	7	73.05	5	96.05	7		
49.00	6	74.05	16	173.95	66		
50.10	24	75.05	48	174.95	5		
50.95	8	76.00	4	175.95	63		
55.10	7	78.90	4	176.95	6		
56.00	3	81.05	5				

Response Factor Report GC/MS Ins

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLATILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration

Calibration Files
5 =C3861.D 20 =C3862.D 50 =C3863.D
100 =C3864.D 150 =C3865.D

		Compound	5	20	50	100	150	Avg	%RSD
1)	I	Pentafluorobenzene (I	ISTD						
2)		Dichlorodifluorometha	0.484	0.537	0.516	0.515	0.506	0.512	3.70
3)		Chlorodifluoromethane	1.069	1.101	1.053	1.072	1.075	1.074	1.62
4)	P	Chloromethane	0.208	0.236	0.230	0.243	0.251	0.234	6.86
5)	C	Vinylchloride	0.237	0.268	0.262	0.268	0.275	0.262	5.59
6)		Bromomethane	0.237	0.287	0.301	0.341	0.350	0.303	15.01
7)		Chloroethane	0.138	0.210	0.215	0.225	0.227	0.203	18.26
8)		Trichlorofluoromethan	0.973	1.012	0.970	0.964	0.901	0.964	4.15
9)		Ethyl ether	0.250	0.276	0.297	0.289	0.294	0.281	6.79
10)		1,1,2-Trichlorotriflu	0.517	0.559	0.540	0.556	0.559	0.546	3.34
11)	CM	1,1-Dichloroethene	0.335	0.378	0.369	0.384	0.395	0.372	6.05
12)		Acrolein	0.037	0.041	0.043	0.047	0.046	0.043	9.04
13)		Acetone	0.092	0.094	0.090	0.095	0.094	0.093	2.12
14)		Carbon disulfide	0.952	1.091	1.062	1.097	1.110	1.062	6.03
15)		Methylene Chloride	0.348	0.403	0.398	0.415	0.417	0.396	7.09
16)		Tert butyl alcohol	0.030	0.034	0.034	0.037	0.036	0.034	7.92
17)		trans-1,2-Dichloroeth	0.344	0.386	0.383	0.406	0.413	0.386	6.97
18)		Methyl t-butyl ether	0.943	1.016	0.983	1.052	1.043	1.007	4.47
19)		Acrylonitrile	0.096	0.100	0.104	0.109	0.104	0.103	4.82
20)	P	1,1-Dichloroethane	0.838	0.888	0.859	0.908	0.900	0.879	3.35
21)		Diisopropylether	1.688	1.768	1.702	1.815	1.798	1.754	3.23
22)		Ethyl tert butyl ethe	0.421	0.464	0.459	0.488	0.488	0.464	5.97
23)		2,2-Dichloropropane	0.711	0.755	0.711	0.727	0.717	0.724	2.53
24)		cis-1,2-Dichloroethen	0.425	0.467	0.460	0.489	0.498	0.468	6.09
25)		2-Butanone	0.165	0.171	0.170	0.180	0.179	0.173	3.77
26)		Bromochloromethane	0.271	0.332	0.325	0.349	0.357	0.327	10.31
27)		Tetrahydrofuran	0.036	0.101	0.105	0.117	0.115	0.095	35.31
28)	C	Chloroform	1.014	1.075	1.039	1.095	1.092	1.063	3.32
29)		1,1,1-Trichloroethane	0.892	0.957	0.933	0.961	0.976	0.944	3.48
30)	S	Dibromofluoromethane(	0.837	0.841	0.828	0.834	0.832	0.834	0.59
31)		Carbontetrachloride	0.799	0.848	0.820	0.847	0.867	0.836	3.19
32)		1,1-Dichloropropene	0.181	0.191	0.187	0.191	0.198	0.189	3.45
33)	M	Benzene	0.951	1.042	1.020	1.063	1.072	1.030	4.71
34)	S	1,2-Dichloroethane-d4	0.424	0.423	0.419	0.418	0.409	0.419	1.41
35)	I	1,4-Difluorobenzene (	ISTD						
36)		1,2-Dichloroethane	0.521	0.558	0.541	0.572	0.568	0.552	3.83
37)		Tert amyl methyl ethe	1.552	1.391	1.229	1.221	1.207	1.320	11.36
38)		Tert amyl alcohol	0.028	0.028	0.029	0.032	0.029	0.029	6.16
39)	M	Trichloroethene	0.447	0.481	0.474	0.501	0.503	0.481	4.75
40)	C	1,2-Dichloropropane	0.409	0.456	0.443	0.474	0.479	0.452	6.20
41)		Dibromomethane	0.494	0.533	0.525	0.556	0.559	0.533	4.97
42)		Bromodichloromethane	0.941	1.008	0.987	1.052	1.044	1.007	4.47

(#) = Out of Range

Response Factor Report GC/MS Ins

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration

Calibration Files
5 =C3861.D 20 =C3862.D 50 =C3863.D
100 =C3864.D 150 =C3865.D

		Compound	5	20	50	100	150	Avg	%RSD
43)		2-Chloroethylvinyleth	0.261	0.290	0.290	0.306	0.307	0.291	6.37
44)		cis-1,3-Dichloroprope	0.575	0.637	0.642	0.681	0.698	0.647	7.38
45)		4-Methyl-2-pentanone	0.440	0.452	0.427	0.433	0.432	0.437	2.18
46)	S	Toluene-d8 (SURR)	0.810	0.821	0.817	0.827	0.834	0.822	1.12
47)	CM	Toluene	0.515	0.561	0.556	0.587	0.595	0.563	5.60
48)	I	Chlorobenzene-d5 (IS)	----------	ISTD	----------				
49)		trans-1,3-Dichloropro	0.685	0.763	0.758	0.798	0.803	0.761	6.21
50)		1,1,2-Trichloroethane	0.459	0.499	0.486	0.514	0.517	0.495	4.78
51)		Tetrachloroethene	0.483	0.533	0.527	0.559	0.574	0.535	6.48
52)		1,3-Dichloropropane	0.747	0.822	0.803	0.854	0.854	0.816	5.42
53)		2-Hexanone	0.367	0.357	0.351	0.430	0.351	0.371	9.03
54)		Dibromochloromethane	1.084	1.209	1.206	1.286	1.304	1.218	7.15
55)		1,2-Dibromoethane	0.887	0.984	0.976	1.034	1.036	0.984	6.14
56)	PM	Chlorobenzene	0.977	1.070	1.036	1.095	1.107	1.057	4.96
57)		1,1,1,2-Tetrachloroet	0.665	0.719	0.691	0.740	0.760	0.715	5.31
58)	C	Ethylbenzene	0.355	0.400	0.393	0.401	0.428	0.395	6.59
59)		m+p-Xylene	0.450	0.495	0.482	0.506	0.525	0.492	5.74
60)		o-Xylene	0.450	0.509	0.501	0.536	0.537	0.507	6.95
61)		Styrene	0.805	0.907	0.904	0.962	0.962	0.908	7.04
62)	P	Bromoform	0.832	0.946	0.949	1.024	1.039	0.958	8.56
63)		Isopropylbenzene	1.194	1.234	1.223	1.272	1.277	1.240	2.81
64)	S	4-Bromofluorobenzene	0.827	0.832	0.826	0.840	0.816	0.828	1.03
65)	I	1,4-Dichlorobenzene-d	----------	ISTD	----------				
66)		Bromobenzene	1.492	1.659	1.639	1.689	1.707	1.637	5.22
67)	P	1,1,2,2-Tetrachloroet	2.531	2.610	2.526	2.599	2.577	2.568	1.50
68)		n-Propylbenzene	3.504	3.607	3.554	3.620	3.671	3.591	1.78
69)		1,2,3-Trichloropropan	0.498	0.607	0.592	0.611	0.606	0.583	8.24
70)		p-Ethyltoluene	3.641	3.692	3.612	3.721	3.746	3.682	1.51
71)		1,3,5-Trimethylbenzen	2.677	2.687	2.658	2.679	2.700	2.680	0.58
72)		2-Chlorotoluene	0.806	0.888	0.879	0.919	0.934	0.885	5.60
73)		4-Chlorotoluene	0.806	0.892	0.888	0.941	0.956	0.897	6.57
74)		tert-Butylbenzene	1.664	1.656	1.607	1.620	1.612	1.632	1.62
75)		Pentachloroethane	1.471	1.593	1.631	1.675	1.715	1.617	5.80
76)		1,2,4-Trimethylbenzen	2.709	2.783	2.773	2.784	2.838	2.777	1.64
77)		sec-Butylbenzene	3.428	3.311	3.267	3.324	3.357	3.337	1.80
78)		p-Isopropyltoluene	2.595	2.526	2.520	2.595	2.701	2.587	2.82
79)		1,3-Dichlorobenzene	1.954	2.035	2.054	2.106	2.164	2.063	3.82
80)		1,4-Dichlorobenzene	2.114	2.223	2.240	2.208	2.249	2.207	2.45
81)		1,2-Dichlorobenzene	2.055	2.134	2.129	2.202	2.246	2.153	3.42
82)		p-Diethylbenzene	1.589	1.542	1.558	1.571	1.685	1.589	3.56
83)		n-Butylbenzene	3.039	2.824	2.860	2.865	2.998	2.917	3.25
84)		1,2,4,5-Tetramethylbe	2.808	2.582	2.608	2.641	2.725	2.673	3.48

(#) = Out of Range

Response Factor Report GC/MS Ins

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration

Calibration Files
5 =C3861.D 20 =C3862.D 50 =C3863.D
100 =C3864.D 150 =C3865.D

	Compound	5	20	50	100	150	Avg	%RSD
85)	1,2-Dibromo-3-chlorop	0.492	0.623	0.638	0.670	0.666	0.618	11.85
86)	1,2,4-Trichlorobenzen	1.503	1.338	1.401	1.452	1.526	1.444	5.29
87)	Hexachlorobutadiene	1.490	1.026	0.944	0.914	0.943	1.063	22.78
88)	Naphthalene	2.316	2.413	2.515	2.599	2.625	2.494	5.18
89)	1,2,3-Trichlorobenzen	1.370	1.273	1.325	1.367	1.412	1.349	3.90

(#) = Out of Range

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3861.D Vial: 3
Acq On : 19 Jul 2010 4:19 pm Operator: YS
Sample : VSTD005 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:27 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	271492	50.00	ppb		-0.01
35) 1,4-Difluorobenzene (IS)	10.65	114	314085	50.00	ppb		-0.02
48) Chlorobenzene-d5 (IS)	16.23	117	242669	50.00	ppb		-0.03
65) 1,4-Dichlorobenzene-d4 (IS	20.98	152	86745	50.00	ppb		-0.03
System Monitoring Compounds							
30) Dibromofluoromethane(SURR)	9.15	113	227370	52.73	ppb		-0.02
Spiked Amount 50.000			Recovery =	105.46%			
34) 1,2-Dichloroethane-d4	9.83	65	115195	62.61			-0.02
Spiked Amount 50.000			Recovery =	125.22%			
46) Toluene-d8 (SURR)	13.37	98	254549	51.52	ppb		-0.03
Spiked Amount 50.000			Recovery =	103.04%			
64) 4-Bromofluorobenzene (SURR	18.63	95	200711	53.01	ppb		-0.03
Spiked Amount 50.000			Recovery =	106.02%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.17	85	13149	5.11	ppb		94
3) Chlorodifluoromethane	2.21	51	29034	5.37	ppb		96
4) Chloromethane	2.46	50	5660	4.28	ppb	#	41
5) Vinylchloride	2.58	62	6440	3.97	ppb		96
6) Bromomethane	3.06	94	6435	6.81	ppb		99
7) Chloroethane	3.22	64	3743	3.02	ppb	#	42
8) Trichlorofluoromethane	3.54	101	26416	5.62	ppb		96
9) Ethyl ether	4.09	59	6792	4.20	ppb	#	83
10) 1,1,2-Trichlorotrifluoroet	4.42	151	14030	4.21	ppb		100
11) 1,1-Dichloroethene	4.47	96	9106	3.97	ppb		84
12) Acrolein	4.45	56	10105	31.46	ppb		94
13) Acetone	4.79	43	12514	21.68	ppb	#	78
14) Carbon disulfide	4.81	76	25846	3.95	ppb		97
15) Methylene Chloride	5.58	84	9449	3.76	ppb		89
16) Tert butyl alcohol	5.99	59	8094	39.43	ppb		70
17) trans-1,2-Dichloroethene	6.03	96	9339	3.86	ppb		89
18) Methyl t-butyl ether	6.05	73	25606	4.45	ppb		98
19) Acrylonitrile	6.29	53	26049	43.85	ppb		99
20) 1,1-Dichloroethane	6.98	63	22749	4.58	ppb		99
21) Diisopropylether	7.05	45	45833	4.68	ppb		99
22) Ethyl tert butyl ether	7.80	87	11421	4.19	ppb	#	86
23) 2,2-Dichloropropane	8.09	77	19300	5.18	ppb		96
24) cis-1,2-Dichloroethene	8.17	96	11547	3.98	ppb		100
25) 2-Butanone	8.34	43	22399	21.36	ppb		96
26) Bromochloromethane	8.65	128	7361	3.50	ppb		86
27) Tetrahydrofuran	8.69	42	985	5.34	ppb	#	43

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3861.D
Acq On : 19 Jul 2010 4:19 pm
Sample : VSTD005
Misc : ;1;L; C3619 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:27 2010

Vial: 3
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28)	Chloroform	8.82	83	27529	4.63	ppb		97
29)	1,1,1-Trichloroethane	9.03	97	24204	4.93	ppb		98
31)	Carbontetrachloride	9.26	119	21699	5.06	ppb	#	48
32)	1,1-Dichloropropene	9.36	110	4902	4.09	ppb		98
33)	Benzene	9.75	78	25812	4.03	ppb		99
36)	1,2-Dichloroethane	9.97	62	16357	5.68	ppb		94
37)	Tert amyl methyl ether	10.02	73	48748	5.72	ppb	#	79
38)	Tert amyl alcohol	10.06	59	34801	179.86	ppb	#	100
39)	Trichloroethene	11.04	95	14035	4.52	ppb		96
40)	1,2-Dichloropropane	11.57	63	12842	4.31	ppb		98
41)	Dibromomethane	11.78	93	15505	4.58	ppb		92
42)	Bromodichloromethane	12.11	83	29568	5.01	ppb		99
43)	2-Chloroethylvinylether	12.77	63	16394	19.78	ppb		93
44)	cis-1,3-Dichloropropene	12.97	75	18051	4.45	ppb		91
45)	4-Methyl-2-pentanone	13.33	43	69046	24.83	ppb		99
47)	Toluene	13.50	92	16182	4.30	ppb		99
49)	trans-1,3-Dichloropropene	14.12	75	16619	4.91	ppb		97
50)	1,1,2-Trichloroethane	14.47	83	11143	4.47	ppb		93
51)	Tetrachloroethene	14.48	166	11733	3.86	ppb		93
52)	1,3-Dichloropropane	14.79	76	18131	4.68	ppb		98
53)	2-Hexanone	14.96	43	44590	25.58	ppb		95
54)	Dibromochloromethane	15.15	129	26306	4.55	ppb		98
55)	1,2-Dibromoethane	15.35	107	21533	4.46	ppb		98
56)	Chlorobenzene	16.28	112	23710	4.56	ppb		99
57)	1,1,1,2-Tetrachloroethane	16.50	131	16127	4.87	ppb		97
58)	Ethylbenzene	16.47	106	8619	4.50	ppb		88
59)	m+p-Xylene	16.72	106	21827	9.15	ppb		96
60)	o-Xylene	17.51	106	10932	4.45	ppb		97
61)	Styrene	17.58	104	19546	4.32	ppb		89
62)	Bromoform	17.96	173	20200	4.33	ppb		96
63)	Isopropylbenzene	18.25	105	28966	4.97	ppb		100
66)	Bromobenzene	18.89	156	12941	4.63	ppb		95
67)	1,1,2,2-Tetrachlorocthane	19.04	83	21951	4.97	ppb		91
68)	n-Propylbenzene	19.08	91	30398	5.24	ppb		96
69)	1,2,3-Trichloropropane	19.12	110	4320	4.46	ppb		98
70)	p-Ethyltoluene	19.33	105	31581	5.45	ppb		99
71)	1,3,5-Trimethylbenzene	19.48	105	23218	5.58	ppb		90
72)	2-Chlorotoluene	19.53	126	6989	4.68	ppb		90
73)	4-Chlorotoluene	19.53	126	6990	4.64	ppb		93
74)	tert-Butylbenzene	20.10	91	14436	6.00	ppb		96
75)	Pentachloroethane	20.20	117	12758	7.01	ppb		94

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3861.D Vial: 3
Acq On : 19 Jul 2010 4:19 pm Operator: YS
Sample : VSTD005 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:27 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.23	105	23503	5.36	ppb		96
77)	sec-Butylbenzene	20.56	105	29733	5.53	ppb		97
78)	p-Isopropyltoluene	20.88	119	22510	5.43	ppb		93
79)	1,3-Dichlorobenzene	20.82	146	16946	4.76	ppb		98
80)	1,4-Dichlorobenzene	21.03	146	18340	4.84	ppb		98
81)	1,2-Dichlorobenzene	21.80	146	17824	4.80	ppb		100
82)	p-Diethylbenzene	21.68	119	13782	5.36	ppb		96
83)	n-Butylbenzene	21.73	91	26362	5.74	ppb		93
84)	1,2,4,5-Tetramethylbenzene	23.32	119	24362	5.81	ppb		98
85)	1,2-Dibromo-3-chloropropan	23.49	157	4264	3.71	ppb		82
86)	1,2,4-Trichlorobenzene	25.13	180	13036	5.41	ppb		92
87)	Hexachlorobutadiene	25.41	225	12926	6.58	ppb	#	87
88)	Naphthalene	25.66	128	20092	4.49	ppb		100
89)	1,2,3-Trichlorobenzene	26.17	180	11885	5.17	ppb		89

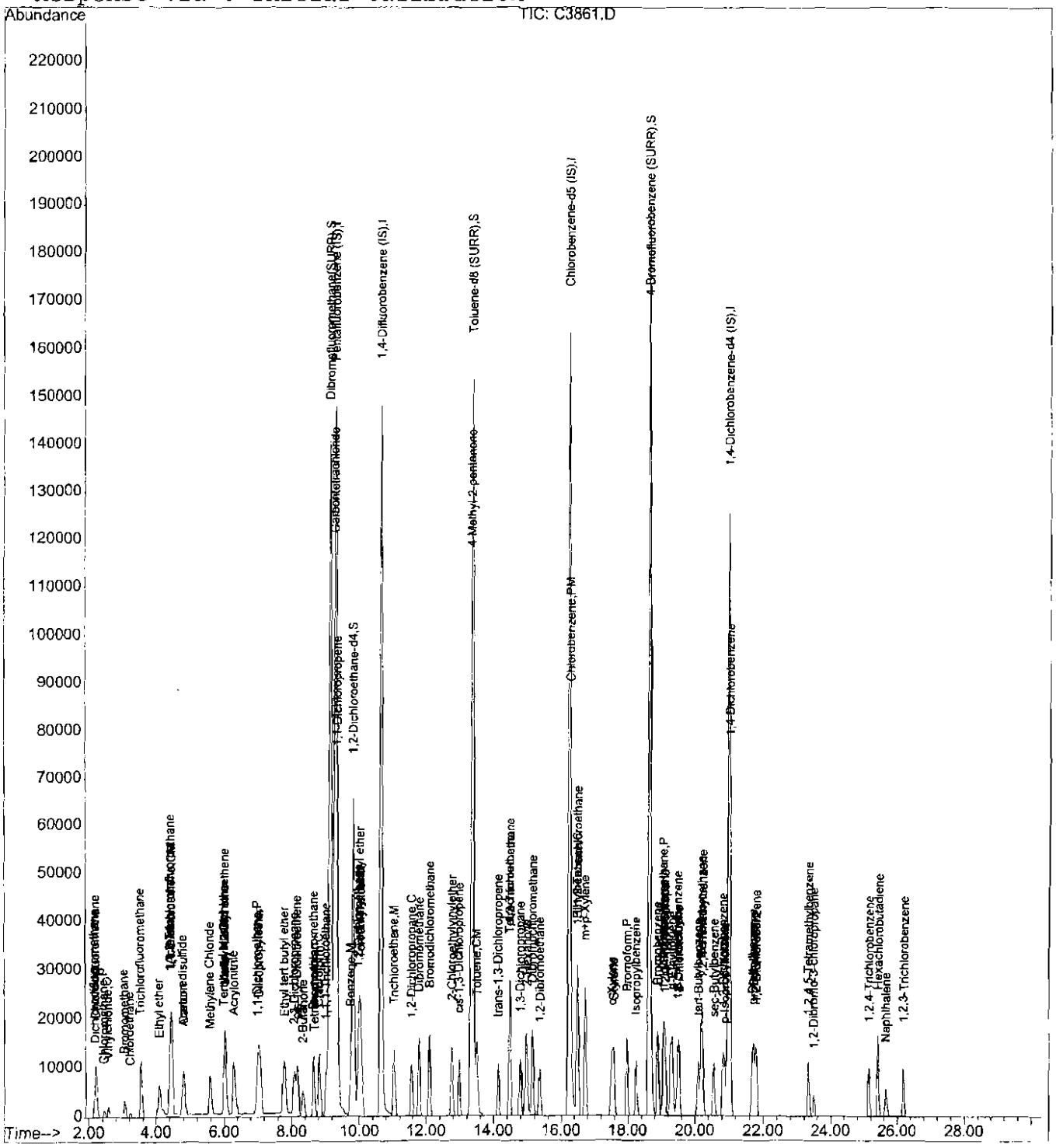
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\C\C3619\C3861.D
Acq On : 19 Jul 2010 4:19 pm
Sample : VSTD005
Misc : ;1;L; C3619 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:27 2010

Vial: 3
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3862.D Vial: 4
Acq On : 19 Jul 2010 4:57 pm Operator: YS
Sample : VSTD020 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:28 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	268503	50.00	ppb		0.00
35) 1,4-Difluorobenzene (IS)	10.65	114	311258	50.00	ppb		-0.02
48) Chlorobenzene-d5 (IS)	16.23	117	243137	50.00	ppb		-0.03
65) 1,4-Dichlorobenzene-d4 (IS	20.98	152	88989	50.00	ppb		-0.03
System Monitoring Compounds							
30) Dibromofluoromethane(SURR)	9.15	113	225687	52.92	ppb		-0.02
Spiked Amount 50.000			Recovery =	105.84%			
34) 1,2-Dichloroethane-d4	9.84	65	113689	62.48			0.00
Spiked Amount 50.000			Recovery =	124.96%			
46) Toluene-d8 (SURR)	13.38	98	255431	52.17	ppb		-0.02
Spiked Amount 50.000			Recovery =	104.34%			
64) 4-Bromofluorobenzene (SURR	18.63	95	202189	53.30	ppb		-0.03
Spiked Amount 50.000			Recovery =	106.60%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.17	85	57644	22.64	ppb		100
3) Chlorodifluoromethane	2.22	51	118278	22.12	ppb		97
4) Chloromethane	2.45	50	25396	19.42	ppb		94
5) Vinylchloride	2.58	62	28788	17.94	ppb		95
6) Bromomethane	3.06	94	30809	18.55	ppb		98
7) Chloroethane	3.20	64	22553	18.40	ppb		90
8) Trichlorofluoromethane	3.54	101	108714	23.38	ppb		96
9) Ethyl ether	4.10	59	29696	18.58	ppb		93
10) 1,1,2-Trichlorotrifluoroet	4.42	151	60057	18.20	ppb		100
11) 1,1-Dichloroethene	4.46	96	40575	17.91	ppb		96
12) Acrolein	4.45	56	22063	69.45	ppb		97
13) Acetone	4.78	43	25313	44.34	ppb	#	83
14) Carbon disulfide	4.80	76	117182	18.11	ppb	#	95
15) Methylene Chloride	5.60	84	43269	17.41	ppb		98
16) Tert butyl alcohol	6.01	59	36334	178.96	ppb		93
17) trans-1,2-Dichloroethene	6.02	96	41428	17.32	ppb		98
18) Methyl t-butyl ether	6.04	73	109110	19.19	ppb		99
19) Acrylonitrile	6.28	53	53688	91.38	ppb		98
20) 1,1-Dichloroethane	6.97	63	95424	19.44	ppb		93
21) Diisopropylether	7.05	45	189917	19.59	ppb		95
22) Ethyl tert butyl ether	7.78	87	49786	18.47	ppb	#	94
23) 2,2-Dichloropropane	8.07	77	81078	22.00	ppb		95
24) cis-1,2-Dichloroethene	8.17	96	50137	17.47	ppb		95
25) 2-Butanone	8.33	43	46010	44.36	ppb		97
26) Bromochloromethane	8.65	128	35699	17.16	ppb		91
27) Tetrahydrofuran	8.69	42	10820	18.46	ppb	#	80

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3862.D
Acq On : 19 Jul 2010 4:57 pm
Sample : VSTD020
Misc : ;1;L; C3619 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:28 2010

Vial: 4
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28)	Chloroform	8.82	83	115450	19.62	ppb		97
29)	1,1,1-Trichloroethane	9.03	97	102757	21.17	ppb		98
31)	Carbontetrachloride	9.27	119	91031	21.47	ppb		91
32)	1,1-Dichloropropene	9.35	110	20477	17.26	ppb		93
33)	Benzene	9.75	78	111917	17.68	ppb		100
36)	1,2-Dichloroethane	9.97	62	69503	24.35	ppb		96
37)	Tert amyl methyl ether	10.01	73	173214	20.50	ppb	#	86
38)	Tert amyl alcohol	10.05	59	87501	456.33	ppb	#	100
39)	Trichloroethene	11.03	95	59832	19.45	ppb		97
40)	1,2-Dichloropropane	11.57	63	56734	19.20	ppb		100
41)	Dibromomethane	11.78	93	66399	19.80	ppb		98
42)	Bromodichloromethane	12.11	83	125540	21.46	ppb		98
43)	2-Chloroethylvinylether	12.77	63	72256	59.18	ppb		97
44)	cis-1,3-Dichloropropene	12.98	75	79301	19.71	ppb		99
45)	4-Methyl-2-pentanone	13.33	43	140546	50.99	ppb		97
47)	Toluene	13.51	92	69791	18.73	ppb		99
49)	trans-1,3-Dichloropropene	14.14	75	74193	21.88	ppb		96
50)	1,1,2-Trichloroethane	14.47	83	48538	19.45	ppb		97
51)	Tetrachloroethene	14.49	166	51818	17.01	ppb		96
52)	1,3-Dichloropropane	14.79	76	79963	20.61	ppb		98
53)	2-Hexanone	14.96	43	86910	49.76	ppb		97
54)	Dibromochloromethane	15.15	129	117548	20.31	ppb		97
55)	1,2-Dibromoethane	15.37	107	95745	19.81	ppb		96
56)	Chlorobenzene	16.29	112	104095	19.97	ppb		99
57)	1,1,1,2-Tetrachloroethane	16.50	131	69955	21.08	ppb		96
58)	Ethylbenzene	16.47	106	38935	20.30	ppb		99
59)	m+p-Xylene	16.72	106	96346	40.31	ppb		99
60)	o-Xylene	17.51	106	49549	20.14	ppb		98
61)	Styrene	17.58	104	88203	19.47	ppb		93
62)	Bromoform	17.96	173	92043	19.67	ppb		94
63)	Isopropylbenzene	18.25	105	120058	20.58	ppb		99
66)	Bromobenzene	18.89	156	59053	20.59	ppb		99
67)	1,1,2,2-Tetrachloroethane	19.04	83	92887	20.48	ppb		99
68)	n-Propylbenzene	19.08	91	128380	21.59	ppb		98
69)	1,2,3-Trichloropropane	19.12	110	21621	21.75	ppb		98
70)	p-Ethyltoluene	19.33	105	131419	22.11	ppb		99
71)	1,3,5-Trimethylbenzene	19.48	105	95646	22.41	ppb		97
72)	2-Chlorotoluene	19.27	126	31614	20.63	ppb		98
73)	4-Chlorotoluene	19.53	126	31745	20.52	ppb		99
74)	tert-Butylbenzene	20.10	91	58946	23.87	ppb		94
75)	Pentachloroethane	20.19	117	56688	23.05	ppb		95

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3862.D
Acq On : 19 Jul 2010 4:57 pm
Sample : VSTD020
Misc : ;1;L; C3619 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:28 2010

Vial: 4
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

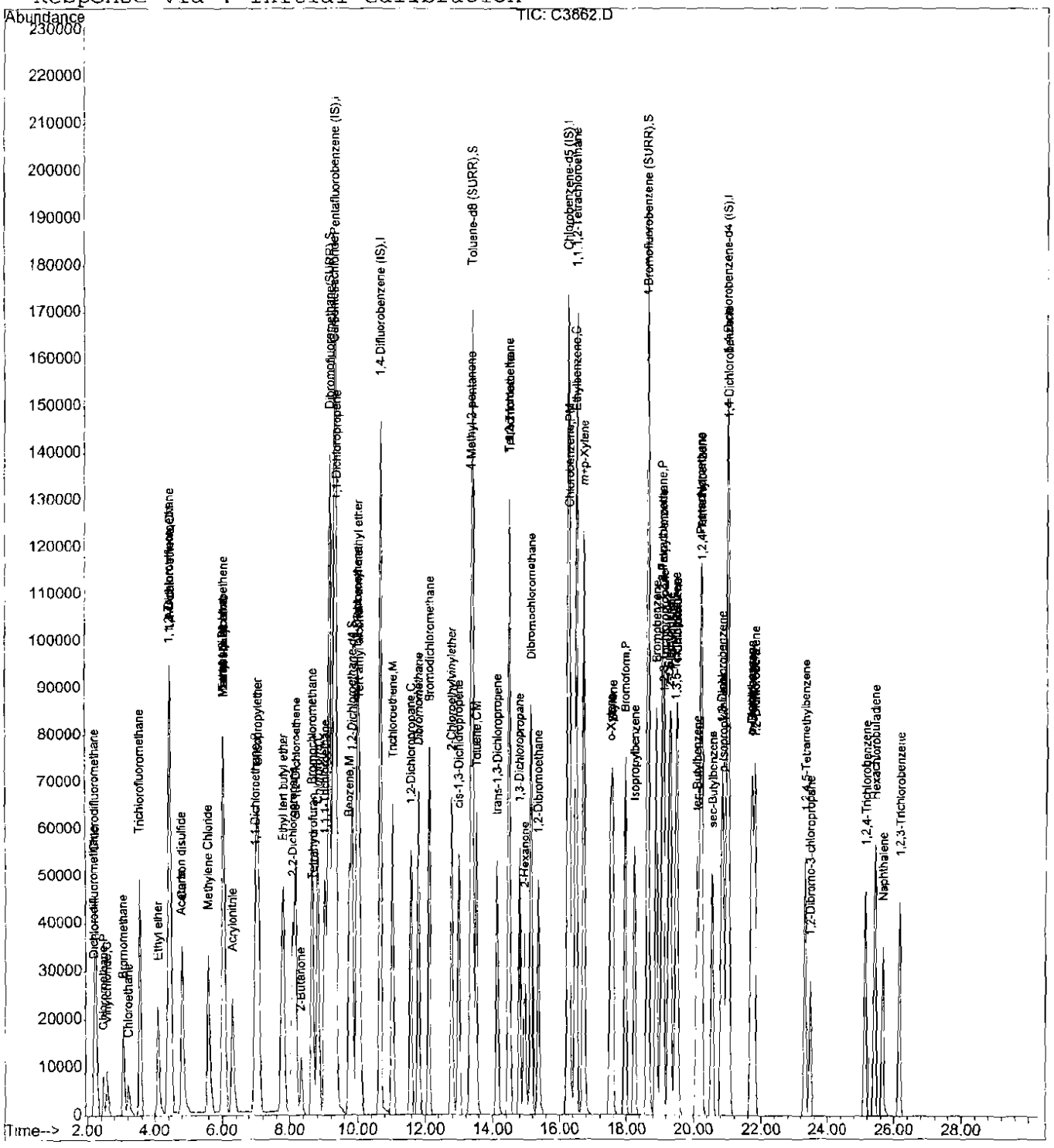
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.24	105	99063	22.04	ppb		97
77)	sec-Butylbenzene	20.55	105	117858	21.38	ppb		96
78)	p-Isopropyltoluene	20.87	119	89921	21.13	ppb		95
79)	1,3-Dichlorobenzene	20.83	146	72451	19.84	ppb		96
80)	1,4-Dichlorobenzene	21.02	146	79126	20.37	ppb		100
81)	1,2-Dichlorobenzene	21.81	146	75957	19.93	ppb		94
82)	p-Diethylbenzene	21.68	119	54889	20.80	ppb		94
83)	n-Butylbenzene	21.72	91	100538	21.32	ppb		97
84)	1,2,4,5-Tetramethylbenzene	23.32	119	91914	21.38	ppb		92
85)	1,2-Dibromo-3-chloropropan	23.48	157	22171	18.82	ppb		95
86)	1,2,4-Trichlorobenzene	25.13	180	47633	19.28	ppb		98
87)	Hexachlorobutadiene	25.40	225	36511	21.18	ppb	#	95
88)	Naphthalene	25.65	128	85905	18.73	ppb		100
89)	1,2,3-Trichlorobenzene	26.16	180	45315	19.23	ppb		99

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

Quantitation Report

Data File : U:\DATA\C\C3619\C3862.D Vial: 4
Acq On : 19 Jul 2010 4:57 pm Operator: YS
Sample : VSTD020 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:28 2010 Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3863.D Vial: 5
Acq On : 19 Jul 2010 5:35 pm Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:29 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	276493	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.65	114	318048	50.00	ppb	-0.02
48) Chlorobenzene-d5 (IS)	16.23	117	248411	50.00	ppb	-0.03
65) 1,4-Dichlorobenzene-d4 (IS	20.97	152	90830	50.00	ppb	-0.04
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.16	113	228874	52.12	ppb	0.00
Spiked Amount 50.000			Recovery = 104.24%			
34) 1,2-Dichloroethane-d4	9.84	65	115773	61.78		0.00
Spiked Amount 50.000			Recovery = 123.56%			
46) Toluene-d8 (SURR)	13.38	98	259750	51.92	ppb	-0.02
Spiked Amount 50.000			Recovery = 103.84%			
64) 4-Bromofluorobenzene (SURR	18.63	95	205294	52.97	ppb	-0.03
Spiked Amount 50.000			Recovery = 105.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.18	85	142592	54.39	ppb	100
3) Chlorodifluoromethane	2.21	51	291172	52.87	ppb	97
4) Chloromethane	2.46	50	63550	47.19	ppb	98
5) Vinylchloride	2.58	62	72396	43.81	ppb	98
6) Bromomethane	3.06	94	83205	42.56	ppb	97
7) Chloroethane	3.20	64	59339	47.01	ppb	99
8) Trichlorofluoromethane	3.52	101	268114	55.99	ppb	97
9) Ethyl ether	4.10	59	82247	49.96	ppb	96
10) 1,1,2-Trichlorotrifluoroet	4.41	151	149194	43.91	ppb	96
11) 1,1-Dichloroethene	4.45	96	102073	43.75	ppb	97
12) Acrolein	4.45	56	36040	110.17	ppb	97
13) Acetone	4.79	43	49914	84.91	ppb	89
14) Carbon disulfide	4.80	76	293761	44.08	ppb	96
15) Methylene Chloride	5.59	84	109942	42.97	ppb	97
16) Tert butyl alcohol	6.02	59	93750	448.42	ppb	94
17) trans-1,2-Dichloroethene	6.02	96	105866	42.99	ppb	100
18) Methyl t-butyl ether	6.04	73	271658	46.39	ppb	99
19) Acrylonitrile	6.29	53	86364	142.75	ppb	99
20) 1,1-Dichloroethane	6.98	63	237560	47.00	ppb	97
21) Diisopropylether	7.06	45	470496	47.13	ppb	97
22) Ethyl tert butyl ether	7.78	87	126800	45.67	ppb	90
23) 2,2-Dichloropropane	8.08	77	196649	51.82	ppb	98
24) cis-1,2-Dichloroethene	8.17	96	127098	43.00	ppb	98
25) 2-Butanone	8.34	43	93837	87.86	ppb	98
26) Bromochloromethane	8.66	128	89725	41.87	ppb	93
27) Tetrahydrofuran	8.69	42	29141	41.75	ppb	95

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3863.D Vial: 5
Acq On : 19 Jul 2010 5:35 pm Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:29 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28)	Chloroform	8.82	83	287147	47.39	ppb		100
29)	1,1,1-Trichloroethane	9.03	97	258085	51.63	ppb		99
31)	Carbontetrachloride	9.27	119	226620	51.92	ppb		97
32)	1,1-Dichloropropene	9.36	110	51613	42.24	ppb		97
33)	Benzene	9.76	78	281996	43.27	ppb		99
36)	1,2-Dichloroethane	9.98	62	172015	58.98	ppb		97
37)	Tert amyl methyl ether	10.01	73	390901	45.27	ppb		93
38)	Tert amyl alcohol	10.06	59	140506	717.11	ppb	#	100
39)	Trichloroethene	11.04	95	150898	48.01	ppb		97
40)	1,2-Dichloropropane	11.57	63	140883	46.65	ppb		98
41)	Dibromomethane	11.79	93	167103	48.75	ppb		98
42)	Bromodichloromethane	12.11	83	314004	52.52	ppb		99
43)	2-Chloroethylvinylether	12.78	63	184168	135.14	ppb		97
44)	cis-1,3-Dichloropropene	12.98	75	204222	49.68	ppb		98
45)	4-Methyl-2-pentanone	13.33	43	271421	96.37	ppb		98
47)	Toluene	13.51	92	176799	46.43	ppb		100
49)	trans-1,3-Dichloropropene	14.14	75	188383	54.38	ppb		98
50)	1,1,2-Trichloroethane	14.47	83	120751	47.35	ppb		99
51)	Tetrachloroethene	14.49	166	130882	42.04	ppb		95
52)	1,3-Dichloropropane	14.79	76	199433	50.30	ppb		100
53)	2-Hexanone	14.96	43	174276	97.67	ppb		95
54)	Dibromochloromethane	15.15	129	299615	50.67	ppb		100
55)	1,2-Dibromoethane	15.36	107	242557	49.13	ppb		97
56)	Chlorobenzene	16.29	112	257305	48.32	ppb		99
57)	1,1,1,2-Tetrachloroethane	16.50	131	171735	50.64	ppb		99
58)	Ethylbenzene	16.46	106	97621	49.83	ppb		94
59)	m+p-Xylene	16.72	106	239460	98.06	ppb		95
60)	o-Xylene	17.51	106	124567	49.55	ppb		96
61)	Styrene	17.58	104	224446	48.50	ppb		93
62)	Bromoform	17.96	173	235826	49.33	ppb		99
63)	Isopropylbenzene	18.24	105	303740	50.96	ppb		99
66)	Bromobenzene	18.89	156	148897	50.87	ppb		96
67)	1,1,2,2-Tetrachloroethane	19.04	83	229431	49.57	ppb		99
68)	n-Propylbenzene	19.07	91	322813	53.19	ppb		98
69)	1,2,3-Trichloropropane	19.11	110	53764	53.00	ppb		98
70)	p-Ethyltoluene	19.32	105	328067	54.08	ppb		98
71)	1,3,5-Trimethylbenzene	19.47	105	241415	55.42	ppb		96
72)	2-Chlorotoluene	19.27	126	79830	51.04	ppb		98
73)	4-Chlorotoluene	19.52	126	80667	51.08	ppb		99
74)	tert Butylbenzene	20.09	91	145946	57.91	ppb		93
75)	Pentachloroethane	20.19	117	148141	55.60	ppb		96

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3863.D Vial: 5
Acq On : 19 Jul 2010 5:35 pm Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:29 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.23	105	251876	54.89	ppb		96
77)	sec-Butylbenzene	20.55	105	296712	52.73	ppb		96
78)	p-Isopropyltoluene	20.87	119	228907	52.71	ppb		98
79)	1,3-Dichlorobenzene	20.82	146	186610	50.08	ppb		99
80)	1,4-Dichlorobenzene	21.02	146	203442	51.30	ppb		98
81)	1,2-Dichlorobenzene	21.78	146	193418	49.73	ppb		98
82)	p-Diethylbenzene	21.67	119	141515	52.54	ppb		96
83)	n-Butylbenzene	21.73	91	259792	53.98	ppb		96
84)	1,2,4,5-Tetramethylbenzene	23.31	119	236863	53.98	ppb		97
85)	1,2-Dibromo-3-chloropropan	23.48	157	57975	48.22	ppb		94
86)	1,2,4-Trichlorobenzene	25.12	180	127209	50.45	ppb		96
87)	Hexachlorobutadiene	25.41	225	85713	50.99	ppb	#	95
88)	Naphthalene	25.65	128	228421	48.79	ppb		98
89)	1,2,3-Trichlorobenzene	26.16	180	120306	50.02	ppb		97

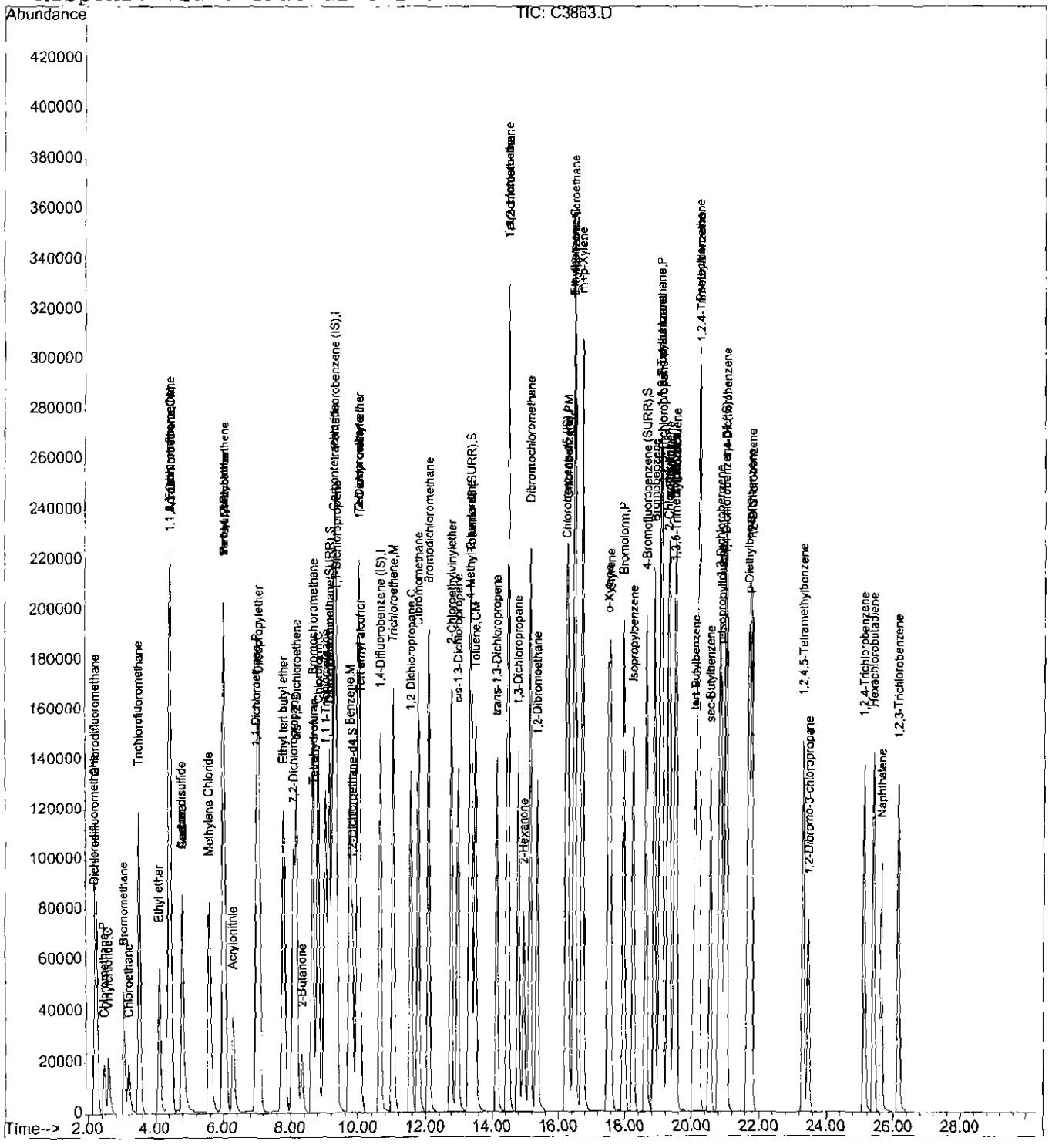
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\C\C3619\C3863.D
Acq On : 19 Jul 2010 5:35 pm
Sample : VSTD050
Misc : ;1;L; C3619 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:29 2010

Vial: 5
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3864.D
Acq On : 19 Jul 2010 6:13 pm
Sample : VSTD100
Misc : ;1;L; C3619 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:30 2010

Vial: 6
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLATILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	276533	50.00	ppb		0.00
35) 1,4-Difluorobenzene (IS)	10.65	114	318428	50.00	ppb		-0.02
48) Chlorobenzene-d5 (IS)	16.22	117	251717	50.00	ppb		-0.04
65) 1,4-Dichlorobenzene-d4 (IS	20.98	152	94983	50.00	ppb		-0.03
System Monitoring Compounds							
30) Dibromofluoromethane(SURR)	9.15	113	230498	52.48	ppb		-0.02
Spiked Amount 50.000			Recovery = 104.96%				
34) 1,2-Dichloroethane-d4	9.84	65	115543	61.65			0.00
Spiked Amount 50.000			Recovery = 123.30%				
46) Toluene-d8 (SURR)	13.38	98	263221	52.55	ppb		-0.02
Spiked Amount 50.000			Recovery = 105.10%				
64) 4-Bromofluorobenzene (SURR	18.62	95	211319	53.81	ppb		-0.04
Spiked Amount 50.000			Recovery = 107.62%				
Target Compounds							Qvalue
2) Dichlorodiflucromethane	2.19	85	284835	108.62	ppb		100
3) Chlorodifluoromethane	2.21	51	592637	107.60	ppb		96
4) Chloromethane	2.46	50	134395	99.79	ppb		99
5) Vinylchloride	2.59	62	148361	89.76	ppb		96
6) Bromomethane	3.07	94	188379	91.58	ppb		99
7) Chloroethane	3.21	64	124241	98.41	ppb		99
8) Trichlorofluoromethane	3.51	101	533000	111.29	ppb		97
9) Ethyl ether	4.12	59	159648	96.96	ppb		93
10) 1,1,2-Trichlorotrifluoroet	4.40	151	307390	90.47	ppb		98
11) 1,1-Dichloroethene	4.45	96	212111	90.90	ppb		98
12) Acrolein	4.48	56	51746	158.15	ppb		97
13) Acetone	4.82	43	78823	134.07	ppb		93
14) Carbon disulfide	4.80	76	606591	91.01	ppb	#	96
15) Methylene Chloride	5.59	84	229532	89.70	ppb		94
16) Tert butyl alcohol	6.07	59	203219	971.89	ppb		96
17) trans-1,2-Dichloroethene	6.02	96	224661	91.21	ppb		100
18) Methyl t-butyl ether	6.06	73	581829	99.34	ppb		100
19) Acrylonitrile	6.30	53	120721	199.51	ppb		99
20) 1,1-Dichloroethane	6.99	63	502195	99.35	ppb		97
21) Diisopropylether	7.07	45	1003576	100.52	ppb		96
22) Ethyl tert butyl ether	7.80	87	269955	97.23	ppb		88
23) 2,2-Dichloropropane	8.08	77	402298	106.00	ppb		96
24) cis-1,2-Dichloroethene	8.18	96	270685	91.56	ppb		97
25) 2-Butanone	8.35	43	149661	140.10	ppb		99
26) Bromochloromethane	8.66	128	193149	90.13	ppb		92
27) Tetrahydrofuran	8.70	42	64880	87.97	ppb		99

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3864.D
Acq On : 19 Jul 2010 6:13 pm
Sample : VSTD100
Misc : ;1;L; C3619 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:30 2010

Vial: 6
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28)	Chloroform	8.83	83	605546	99.92	ppb		98
29)	1,1,1-Trichloroethane	9.04	97	531320	106.27	ppb		99
31)	Carbontetrachloride	9.27	119	468495	107.31	ppb		97
32)	1,1-Dichloropropene	9.37	110	105369	86.22	ppb		97
33)	Benzene	9.76	78	587905	90.19	ppb		100
36)	1,2-Dichloroethane	9.98	62	364372	124.78	ppb		97
37)	Tert amyl methyl ether	10.01	73	777390	89.92	ppb		96
38)	Tert amyl alcohol	10.07	59	205868	1049.45	ppb	#	100
39)	Trichloroethene	11.04	95	319261	101.46	ppb		97
40)	1,2-Dichloropropane	11.57	63	301713	99.80	ppb		97
41)	Dibromomethane	11.79	93	353889	103.13	ppb		98
42)	Bromodichloromethane	12.11	83	669941	111.92	ppb		99
43)	2-Chloroethylvinylether	12.78	63	389844	276.42	ppb		100
44)	cis-1,3-Dichloropropene	12.98	75	433776	105.40	ppb		100
45)	4-Methyl-2-pentanone	13.33	43	413721	146.72	ppb		97
47)	Toluene	13.51	92	374043	98.12	ppb		98
49)	trans-1,3-Dichloropropene	14.14	75	401782	114.45	ppb		99
50)	1,1,2-Trichloroethane	14.47	83	258988	100.22	ppb		100
51)	Tetrachloroethene	14.48	166	281435	89.22	ppb		96
52)	1,3-Dichloropropane	14.79	76	430035	107.04	ppb		98
53)	2-Hexanone	14.96	43	270712	149.72	ppb		94
54)	Dibromochloromethane	15.14	129	647655	108.10	ppb		99
55)	1,2-Dibromoethane	15.36	107	520472	104.03	ppb		97
56)	Chlorobenzene	16.28	112	551341	102.18	ppb		100
57)	1,1,1,2-Tetrachloroethane	16.49	131	372349	108.35	ppb		97
58)	Ethylbenzene	16.47	106	201878	101.68	ppb		98
59)	m+p-Xylene	16.71	106	509081	205.73	ppb		98
60)	o-Xylene	17.50	106	269864	105.95	ppb		98
61)	Styrene	17.57	104	484309	103.28	ppb		94
62)	Bromoform	17.94	173	515511	106.42	ppb		98
63)	Isopropylbenzene	18.24	105	640209	105.99	ppb		100
66)	Bromobenzene	18.88	156	320934	104.84	ppb		95
67)	1,1,2,2-Tetrachloroethane	19.04	83	493637	101.99	ppb		99
68)	n-Propylbenzene	19.08	91	687693	108.35	ppb		100
69)	1,2,3-Trichloropropane	19.12	110	116076	109.42	ppb		100
70)	p-Ethyltoluene	19.33	105	706823	111.43	ppb		99
71)	1,3,5-Trimethylbenzene	19.48	105	508826	111.71	ppb		98
72)	2-Chlorotoluene	19.27	126	174487	106.68	ppb		97
73)	4-Chlorotoluene	19.53	126	178737	108.24	ppb		98
74)	tert-Butylbenzene	20.10	91	307727	116.76	ppb		94
75)	Pentachloroethane	20.19	117	318248	111.90	ppb		94

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3864.D Vial: 6
Acq On : 19 Jul 2010 6:13 pm Operator: YS
Sample : VSTD100 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:30 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

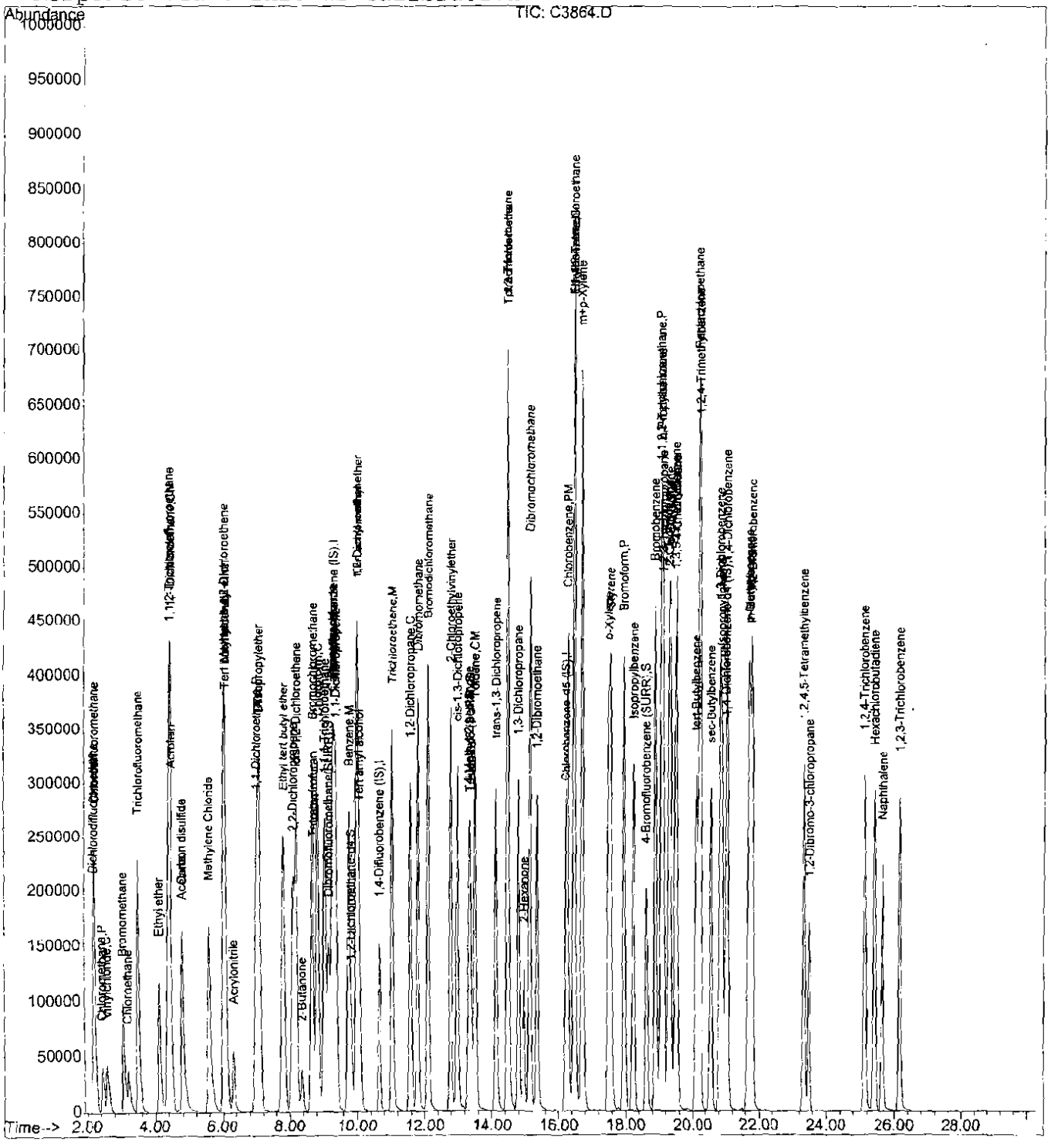
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.24	105	528828	110.21	ppb		97
77)	sec-Butylbenzene	20.55	105	631457	107.31	ppb		98
78)	p-Isopropyltoluene	20.87	119	492911	108.54	ppb		97
79)	1,3-Dichlorobenzene	20.82	146	400099	102.67	ppb		99
80)	1,4-Dichlorobenzene	21.02	146	419427	101.14	ppb		98
81)	1,2-Dichlorobenzene	21.79	146	418215	102.82	ppb		97
82)	p-Diethylbenzene	21.68	119	298499	105.97	ppb		96
83)	n-Butylbenzene	21.72	91	544265	108.14	ppb		98
84)	1,2,4,5-Tetramethylbenzene	23.31	119	501767	109.35	ppb		96
85)	1,2-Dibromo-3-chloropropan	23.48	157	127342	101.28	ppb		97
86)	1,2,4-Trichlorobenzene	25.12	180	275818	104.60	ppb		98
87)	Hexachlorobutadiene	25.41	225	173618	100.41	ppb	#	95
88)	Naphthalene	25.65	128	493679	100.84	ppb		100
89)	1,2,3-Trichlorobenzene	26.16	180	259686	103.26	ppb		99

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

Quantitation Report

Data File : U:\DATA\C\C3619\C3864.D Vial: 6
Acq On : 19 Jul 2010 6:13 pm Operator: YS
Sample : VSTD100 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:30 2010 Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3865.D Vial: 7
Acq On : 19 Jul 2010 6:52 pm Operator: YS
Sample : VSTD150 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:31 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	285803	50.00	ppb		0.00
35) 1,4-Difluorobenzene (IS)	10.64	114	329208	50.00	ppb		-0.03
48) Chlorobenzene-d5 (IS)	16.22	117	261587	50.00	ppb		-0.04
65) 1,4-Dichlorobenzene-d4 (IS	20.97	152	99106	50.00	ppb		-0.04
System Monitoring Compounds							
30) Dibromofluoromethane(SURR)	9.16	113	237800	52.39	ppb		0.00
Spiked Amount 50.000			Recovery = 104.78%				
34) 1,2-Dichloroethane-d4	9.84	65	117017	60.41			0.00
Spiked Amount 50.000			Recovery = 120.82%				
46) Toluene-d8 (SURR)	13.36	98	274697	53.05	ppb		-0.04
Spiked Amount 50.000			Recovery = 106.10%				
64) 4-Bromofluorobenzene (SURR	18.62	95	213472	52.30	ppb		-0.04
Spiked Amount 50.000			Recovery = 104.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.17	85	434233	160.23	ppb		100
3) Chlorodifluoromethane	2.22	51	921728	161.92	ppb		97
4) Chloromethane	2.46	50	214800	154.32	ppb		99
5) Vinylchloride	2.58	62	235734	138.00	ppb		99
6) Bromomethane	3.06	94	300480	139.31	ppb		99
7) Chloroethane	3.21	64	194944	149.40	ppb		99
8) Trichlorofluoromethane	3.50	101	772503	156.07	ppb		98
9) Ethyl ether	4.13	59	251735	147.94	ppb		91
10) 1,1,2-Trichlorotrifluoroet	4.40	151	479189	136.45	ppb		99
11) 1,1-Dichloroethene	4.43	96	338401	140.31	ppb		99
12) Acrolein	4.49	56	65629	194.08	ppb		96
13) Acetone	4.84	43	107939	177.64	ppb		94
14) Carbon disulfide	4.78	76	951500	138.13	ppb	#	96
15) Methylene Chloride	5.59	84	357665	135.23	ppb		95
16) Tert butyl alcohol	6.11	59	308777	1428.82	ppb		85
17) trans-1,2-Dichloroethene	6.02	96	353860	139.01	ppb		99
18) Methyl t-butyl ether	6.07	73	894632	147.80	ppb		99
19) Acrylonitrile	6.32	53	148457	237.39	ppb		97
20) 1,1-Dichloroethane	6.98	63	771773	147.73	ppb		98
21) Diisopropylether	7.07	45	1541471	149.39	ppb		96
22) Ethyl tert butyl ether	7.81	87	418420	145.81	ppb		89
23) 2,2-Dichloropropane	8.08	77	614926	156.78	ppb		98
24) cis-1,2-Dichloroethene	8.17	96	426978	139.74	ppb		98
25) 2-Butanone	8.36	43	204880	185.57	ppb		97
26) Bromochloromethane	8.66	128	305984	138.15	ppb		90
27) Tetrahydrofuran	8.70	42	98927	127.87	ppb		99

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3865.D
Acq On : 19 Jul 2010 6:52 pm
Sample : VSTD150
Misc : ;1;L; C3619 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:31 2010

Vial: 7
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
28)	Chloroform	8.83	83	935969	149.44 ppb		100
29)	1,1,1-Trichloroethane	9.03	97	836637	161.91 ppb		100
31)	Carbontetrachloride	9.27	119	743526	164.79 ppb		96
32)	1,1-Dichloropropene	9.36	110	170148	134.71 ppb		97
33)	Benzene	9.75	78	919525	136.49 ppb		100
36)	1,2-Dichloroethane	9.98	62	560599	185.70 ppb		97
37)	Tert amyl methyl ether	10.01	73	1191895	133.36 ppb		96
38)	Tert amyl alcohol	10.08	59	290197	1430.89 ppb	#	100
39)	Trichloroethene	11.03	95	496312	152.56 ppb		96
40)	1,2-Dichloropropane	11.56	63	472716	151.24 ppb		98
41)	Dibromomethane	11.78	93	552416	155.71 ppb		97
42)	Bromodichloromethane	12.10	83	1031296	166.65 ppb		98
43)	2-Chloroethylvinylether	12.77	63	605471	411.05 ppb		99
44)	cis-1,3-Dichloropropene	12.97	75	689416	162.03 ppb		99
45)	4-Methyl-2-pentanone	13.32	43	569185	195.25 ppb		98
47)	Toluene	13.49	92	588005	149.20 ppb		98
49)	trans-1,3-Dichloropropene	14.13	75	629980	172.69 ppb		98
50)	1,1,2-Trichloroethane	14.46	83	405772	151.10 ppb		99
51)	Tetrachloroethene	14.48	166	450409	137.40 ppb		97
52)	1,3-Dichloropropane	14.78	76	669933	160.46 ppb		98
53)	2-Hexanone	14.95	43	367539	195.60 ppb		95
54)	Dibromochloromethane	15.14	129	1023477	164.39 ppb		99
55)	1,2-Dibromoethane	15.36	107	813094	156.38 ppb		97
56)	Chlorobenzene	16.28	112	868746	154.94 ppb		99
57)	1,1,1,2-Tetrachloroethane	16.49	131	596508	167.04 ppb		97
58)	Ethylbenzene	16.47	106	335596	162.66 ppb		98
59)	m+p-Xylene	16.71	106	824224	320.52 ppb		98
60)	o-Xylene	17.50	106	421200	159.12 ppb		97
61)	Styrene	17.57	104	754813	154.90 ppb		93
62)	Bromoform	17.95	173	815584	162.01 ppb		99
63)	Isopropylbenzene	18.24	105	1002334	159.68 ppb		100
66)	Bromobenzene	18.88	156	507662	158.95 ppb		98
67)	1,1,2,2-Tetrachloroethane	19.04	83	766237	151.73 ppb		98
68)	n-Propylbenzene	19.07	91	1091474	164.81 ppb		99
69)	1,2,3-Trichloropropane	19.11	110	180249	162.85 ppb		98
70)	p-Ethyltoluene	19.32	105	1113871	168.29 ppb		98
71)	1,3,5-Trimethylbenzene	19.47	105	802861	168.92 ppb		99
72)	2-Chlorotoluene	19.27	126	277604	162.67 ppb		98
73)	4-Chlorotoluene	19.52	126	284326	165.02 ppb		97
74)	tert-Butylbenzene	20.09	91	479309	174.30 ppb		96
75)	Pentachloroethane	20.19	117	509982	170.68 ppb		95

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3619\C3865.D Vial: 7
Acq On : 19 Jul 2010 6:52 pm Operator: YS
Sample : VSTD150 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:31 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

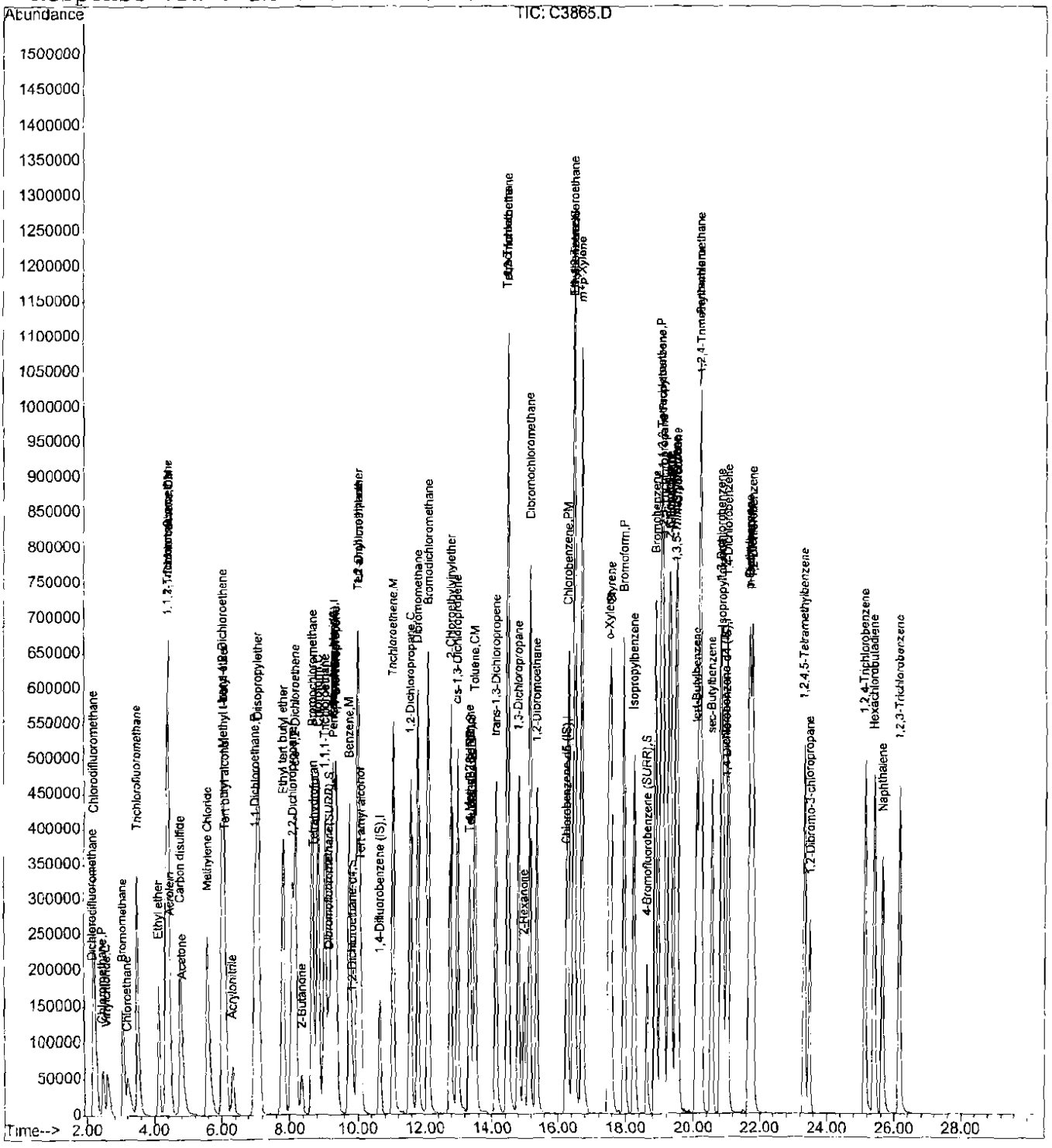
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
76)	1,2,4-Trimethylbenzene	20.23	105	843696	168.52 ppb	98
77)	sec-Butylbenzene	20.55	105	998075	162.56 ppb	99
78)	p-Isopropyltoluene	20.87	119	803158	169.50 ppb	97
79)	1,3-Dichlorobenzene	20.81	146	643402	158.23 ppb	100
80)	1,4-Dichlorobenzene	21.02	146	668752	154.56 ppb	98
81)	1,2-Dichlorobenzene	21.78	146	667865	157.37 ppb	97
82)	p-Diethylbenzene	21.67	119	501094	170.49 ppb	96
83)	n-Butylbenzene	21.71	91	891271	169.72 ppb	98
84)	1,2,4,5-Tetramethylbenzene	23.31	119	810216	169.22 ppb	97
85)	1,2-Dibromo-3-chloropropan	23.47	157	197954	150.89 ppb	97
86)	1,2,4-Trichlorobenzene	25.13	180	453731	164.92 ppb	99
87)	Hexachlorobutadiene	25.40	225	280452	156.41 ppb	96
88)	Naphthalene	25.64	128	780471	152.79 ppb	99
89)	1,2,3-Trichlorobenzene	26.16	180	419702	159.94 ppb	99

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

Quantitation Report

Data File : U:\DATA\C\C3619\C3865.D Vial: 7
Acq On : 19 Jul 2010 6:52 pm Operator: YS
Sample : VSTD150 Inst : GC/MS Ins
Misc : ;1;L; C3619 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 20 6:31 2010 Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Thu Jul 08 06:47:40 2010
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : U:\DATA\C\C3621\C3890.D Vial: 3
Acq On : 20 Jul 2010 9:22 pm Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3621 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene (IS)	1.000	1.000	0.0	103	-0.01
2		Dichlorodifluoromethane	0.512	0.443	13.5	88	-0.01
3		Chlorodifluoromethane	1.074	0.977	9.0	96	-0.01
4	P	Chloromethane	0.234	0.216	7.7	97	-0.01
5	C	Vinylchloride	0.262	0.240	8.4	94	-0.01
6		Bromomethane	0.303	0.285	5.9	98	-0.01
7		Chloroethane	0.203	0.203	0.0	97	-0.01
8		Trichlorofluoromethane	0.964	0.911	5.5	97	-0.01
9		Ethyl ether	0.281	0.296	-5.3	102	-0.01
10		1,1,2-Trichlorotrifluoroeth	0.546	0.506	7.3	96	-0.02
11	CM	1,1-Dichloroethene	0.372	0.350	5.9	98	-0.02
12		Acrolein	0.043	0.043	0.0	102	0.00
13		Acetone	0.093	0.093	0.0	106	0.00
14		Carbon disulfide	1.062	0.995	6.3	96	-0.02
15		Methylene Chloride	0.396	0.385	2.8	100	-0.02
16		Tert butyl alcohol	0.034	0.035	-2.9	107	-0.01
17		trans-1,2-Dichloroethene	0.386	0.366	5.2	98	-0.02
18		Methyl t-butyl ether	1.007	1.009	-0.2	106	-0.01
19		Acrylonitrile	0.103	0.099	3.9	98	-0.02
20	P	1,1-Dichloroethane	0.879	0.840	4.4	101	-0.01
21		Diisopropylether	1.754	1.714	2.3	104	-0.02
22		Ethyl tert butyl ether	0.464	0.467	-0.6	105	0.00
23		2,2-Dichloropropane	0.724	0.610	15.7	88	-0.02
24		cis-1,2-Dichloroethene	0.468	0.450	3.8	101	-0.01
25		2-Butanone	0.173	0.173	0.0	105	-0.01
26		Bromochloromethane	0.327	0.324	0.9	103	-0.01
27		Tetrahydrofuran	0.095	0.107	-12.6	105	-0.01
28	C	Chloroform	1.063	1.038	2.4	103	-0.01
29		1,1,1-Trichloroethane	0.944	0.889	5.8	98	-0.01
30	S	Dibromofluoromethane(SURR)	0.834	0.828	0.7	103	-0.02
31		Carbontetrachloride	0.836	0.776	7.2	97	-0.01
32		1,1-Dichloropropene	0.189	0.175	7.4	96	-0.02
33	M	Benzene	1.030	0.966	6.2	97	-0.02
34	S	1,2-Dichloroethane-d4	0.419	0.416	0.7	102	-0.02
35	I	1,4-Difluorobenzene (IS)	1.000	1.000	0.0	103	-0.01
36		1,2-Dichloroethane	0.552	0.540	2.2	103	-0.02
37		Tert amyl methyl ether	1.320	1.223	7.3	102	-0.01
38		Tert amyl alcohol	0.029	0.027	6.9	95	-0.01
39	M	Trichloroethene	0.481	0.448	6.9	97	-0.01
40	C	1,2-Dichloropropane	0.452	0.431	4.6	100	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : U:\DATA\C\C3621\C3890.D
Acq On : 20 Jul 2010 9:22 pm
Sample : VSTD050
Misc : ;1;L; C3621 8260
MS Integration Params: RTEINT.P

Vial: 3
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		Dibromomethane	0.533	0.512	3.9	100	-0.02
42		Bromodichloromethane	1.007	0.972	3.5	101	-0.01
43		2-Chloroethylvinylether	0.291	0.287	1.4	102	-0.01
44		cis-1,3-Dichloropropene	0.647	0.610	5.7	98	-0.01
45		4-Methyl-2-pentanone	0.437	0.435	0.5	105	-0.01
46	S	Toluene-d8 (SURR)	0.822	0.823	-0.1	104	-0.01
47	CM	Toluene	0.563	0.524	6.9	97	-0.01
48	I	Chlorobenzene-d5 (IS)	1.000	1.000	0.0	105	-0.01
49		trans-1,3-Dichloropropene	0.761	0.707	7.1	98	-0.01
50		1,1,2-Trichloroethane	0.495	0.475	4.0	103	-0.01
51		Tetrachloroethene	0.535	0.498	6.9	99	-0.01
52		1,3-Dichloropropane	0.816	0.789	3.3	103	-0.01
53		2-Hexanone	0.371	0.347	6.5	104	-0.01
54		Dibromochloromethane	1.218	1.184	2.8	103	-0.01
55		1,2-Dibromoethane	0.984	0.939	4.6	101	-0.01
56	PM	Chlorobenzene	1.057	0.992	6.1	101	-0.01
57		1,1,1,2-Tetrachloroethane	0.715	0.668	6.6	102	-0.01
58	C	Ethylbenzene	0.395	0.362	8.4	97	0.00
59		m+p-Xylene	0.492	0.444	9.8	97	-0.01
60		o-Xylene	0.507	0.461	9.1	97	-0.01
61		Styrene	0.908	0.831	8.5	97	-0.01
62	P	Bromoform	0.958	0.933	2.6	103	-0.01
63		Isopropylbenzene	1.240	1.094	11.8	94	-0.01
64	S	4-Bromofluorobenzene (SURR)	0.828	0.832	-0.5	106	-0.01
65	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	105	-0.01
66		Bromobenzene	1.637	1.541	5.9	99	-0.02
67	P	1,1,2,2-Tetrachloroethane	2.568	2.498	2.7	104	-0.01
68		n-Propylbenzene	3.591	3.132	12.8	93	0.00
69		1,2,3-Trichloropropane	0.583	0.586	-0.5	104	-0.01
70		p-Ethyltoluene	3.682	3.231	12.2	94	0.00
71		1,3,5-Trimethylbenzene	2.680	2.379	11.2	94	0.00
72		2-Chlorotoluene	0.885	0.826	6.7	99	0.00
73		4-Chlorotoluene	0.897	0.845	5.8	100	0.00
74		tert-Butylbenzene	1.632	1.415	13.3	93	0.00
75		Pentachloroethane	1.617	1.495	7.5	97	-0.01
76		1,2,4-Trimethylbenzene	2.777	2.474	10.9	94	0.00
77		sec-Butylbenzene	3.337	2.811	15.8	91	-0.01
78		p-Isopropyltoluene	2.587	2.213	14.5	93	-0.01
79		1,3-Dichlorobenzene	2.063	1.883	8.7	97	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : U:\DATA\C\C3621\C3890.D Vial: 3
Acq On : 20 Jul 2010 9:22 pm Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3621 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
80	1,4-Dichlorobenzene	2.207	2.018	8.6	95	0.00
81	1,2-Dichlorobenzene	2.153	1.958	9.1	97	0.00
82	p-Diethylbenzene	1.589	1.341	15.6	91	0.00
83	n-Butylbenzene	2.917	2.396	17.9	88	-0.02
84	1,2,4,5-Tetramethylbenzene	2.673	2.255	15.6	91	-0.01
85	1,2-Dibromo-3-chloropropane	0.618	0.619	-0.2	102	-0.02
86	1,2,4-Trichlorobenzene	1.444	1.204	16.6	91	0.00
87	Hexachlorobutadiene	1.063	0.785	26.2#	88	-0.01
88	Naphthalene	2.494	2.292	8.1	96	-0.01
89	1,2,3-Trichlorobenzene	1.349	1.132	16.1	90	-0.01

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3621\C3890.D
Acq On : 20 Jul 2010 9:22 pm
Sample : VSTD050
Misc : ;1;L; C3621 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 6:27 2010

Vial: 3
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.29	168	284579	50.00	ppb	-0.01
35) 1,4-Difluorobenzene (IS)	10.64	114	327417	50.00	ppb	-0.01
48) Chlorobenzene-d5 (IS)	16.22	117	260984	50.00	ppb	-0.01
65) 1,4-Dichlorobenzene-d4 (IS	20.96	152	95714	50.00	ppb	-0.01
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.14	113	235758	49.65	ppb	-0.02
Spiked Amount 50.000			Recovery = 99.30%			
34) 1,2-Dichloroethane-d4	9.82	65	118314	49.64		-0.02
Spiked Amount 50.000			Recovery = 99.28%			
46) Toluene-d8 (SURR)	13.37	98	269413	50.07	ppb	-0.01
Spiked Amount 50.000			Recovery = 100.14%			
64) 4-Bromofluorobenzene (SURR	18.62	95	217208	50.25	ppb	-0.01
Spiked Amount 50.000			Recovery = 100.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.17	85	126185	43.33	ppb	99
3) Chlorodifluoromethane	2.20	51	278082	45.49	ppb	99
4) Chloromethane	2.45	50	61467	46.22	ppb	97
5) Vinylchloride	2.57	62	68191	45.72	ppb	100
6) Bromomethane	3.05	94	81210	44.13	ppb	99
7) Chloroethane	3.19	64	57703	46.33	ppb	97
8) Trichlorofluoromethane	3.51	101	259305	47.26	ppb	99
9) Ethyl ether	4.09	59	84191	52.59	ppb	96
10) 1,1,2-Trichlorotrifluoroet	4.39	151	143942	46.32	ppb	95
11) 1,1-Dichloroethene	4.43	96	99573	47.01	ppb	97
12) Acrolein	4.45	56	36666	150.19	ppb	98
13) Acetone	4.79	43	53047	99.97	ppb	98
14) Carbon disulfide	4.78	76	283203	46.84	ppb	98
15) Methylene Chloride	5.56	84	109426	48.53	ppb	98
16) Tert butyl alcohol	6.01	59	100453	518.16	ppb	93
17) trans-1,2-Dichloroethene	6.00	96	104239	47.41	ppb	100
18) Methyl t-butyl ether	6.03	73	287195	50.09	ppb	98
19) Acrylonitrile	6.27	53	84750	145.11	ppb	100
20) 1,1-Dichloroethane	6.97	63	239051	47.80	ppb	100
21) Diisopropylether	7.04	45	487627	48.84	ppb	99
22) Ethyl tert butyl ether	7.79	87	132813	50.31	ppb	97
23) 2,2-Dichloropropane	8.06	77	173571	42.10	ppb	99
24) cis-1,2-Dichloroethene	8.16	96	128135	48.12	ppb	97
25) 2-Butanone	8.33	43	98624	100.08	ppb	100
26) Bromochloromethane	8.64	128	92315	49.63	ppb	100
27) Tetrahydrofuran	8.68	42	30526	48.71	ppb	97

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3621\C3890.D
Acq On : 20 Jul 2010 9:22 pm
Sample : VSTD050
Misc : ;1;L; C3621 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 6:27 2010

Vial: 3
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28)	Chloroform	8.81	83	295452	48.84	ppb		98
29)	1,1,1-Trichloroethane	9.02	97	252921	47.09	ppb		100
31)	Carbontetrachloride	9.25	119	220799	46.40	ppb		99
32)	1,1-Dichloropropene	9.34	110	49721	46.13	ppb		99
33)	Benzene	9.74	78	274848	46.90	ppb		99
36)	1,2-Dichloroethane	9.96	62	176684	48.89	ppb		99
37)	Tert amyl methyl ether	10.00	73	400553	46.34	ppb		98
38)	Tert amyl alcohol	10.05	59	133653	694.35	ppb	#	100
39)	Trichloroethene	11.03	95	146724	46.57	ppb		98
40)	1,2-Dichloropropane	11.56	63	141037	47.65	ppb		98
41)	Dibromomethane	11.77	93	167596	47.98	ppb		98
42)	Bromodichloromethane	12.10	83	318196	48.27	ppb		99
43)	2-Chloroethylvinylether	12.77	63	187926	98.74	ppb		99
44)	cis-1,3-Dichloropropene	12.97	75	199846	47.20	ppb		99
45)	4-Methyl-2-pentanone	13.32	43	284894	99.64	ppb		99
47)	Toluene	13.49	92	171667	46.57	ppb		97
49)	trans-1,3-Dichloropropene	14.12	75	184548	46.44	ppb		98
50)	1,1,2-Trichloroethane	14.46	83	123989	47.97	ppb		98
51)	Tetrachloroethene	14.48	166	129983	46.53	ppb		97
52)	1,3-Dichloropropane	14.78	76	206029	48.37	ppb		97
53)	2-Hexanone	14.95	43	181184	93.45	ppb		98
54)	Dibromochloromethane	15.14	129	309018	48.61	ppb		99
55)	1,2-Dibromoethane	15.35	107	245066	47.73	ppb		97
56)	Chlorobenzene	16.28	112	258806	46.91	ppb		100
57)	1,1,1,2-Tetrachloroethane	16.49	131	174419	46.74	ppb		98
58)	Ethylbenzene	16.47	106	94380	45.73	ppb		95
59)	m+p-Xylene	16.71	106	231961	90.41	ppb		94
60)	o-Xylene	17.50	106	120383	45.50	ppb		96
61)	Styrene	17.57	104	216887	45.76	ppb		98
62)	Bromoform	17.95	173	243531	48.69	ppb		96
63)	Isopropylbenzene	18.23	105	285490	44.11	ppb		99
66)	Bromobenzene	18.87	156	147488	47.05	ppb		97
67)	1,1,2,2-Tetrachloroethane	19.03	83	239064	48.62	ppb		97
68)	n-Propylbenzene	19.07	91	299767	43.60	ppb		100
69)	1,2,3-Trichloropropane	19.10	110	56136	50.31	ppb		99
70)	p-Ethyltoluene	19.32	105	309213	43.87	ppb		99
71)	1,3,5-Trimethylbenzene	19.47	105	227697	44.38	ppb		98
72)	2-Chlorotoluene	19.27	126	79012	46.64	ppb		97
73)	4-Chlorotoluene	19.52	126	80926	47.15	ppb		99
74)	tert-Butylbenzene	20.09	91	135388	43.34	ppb		96
75)	Pentachloroethane	20.18	117	143063	46.22	ppb		98

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3621\C3890.D Vial: 3
Acq On : 20 Jul 2010 9:22 pm Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3621 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 6:27 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

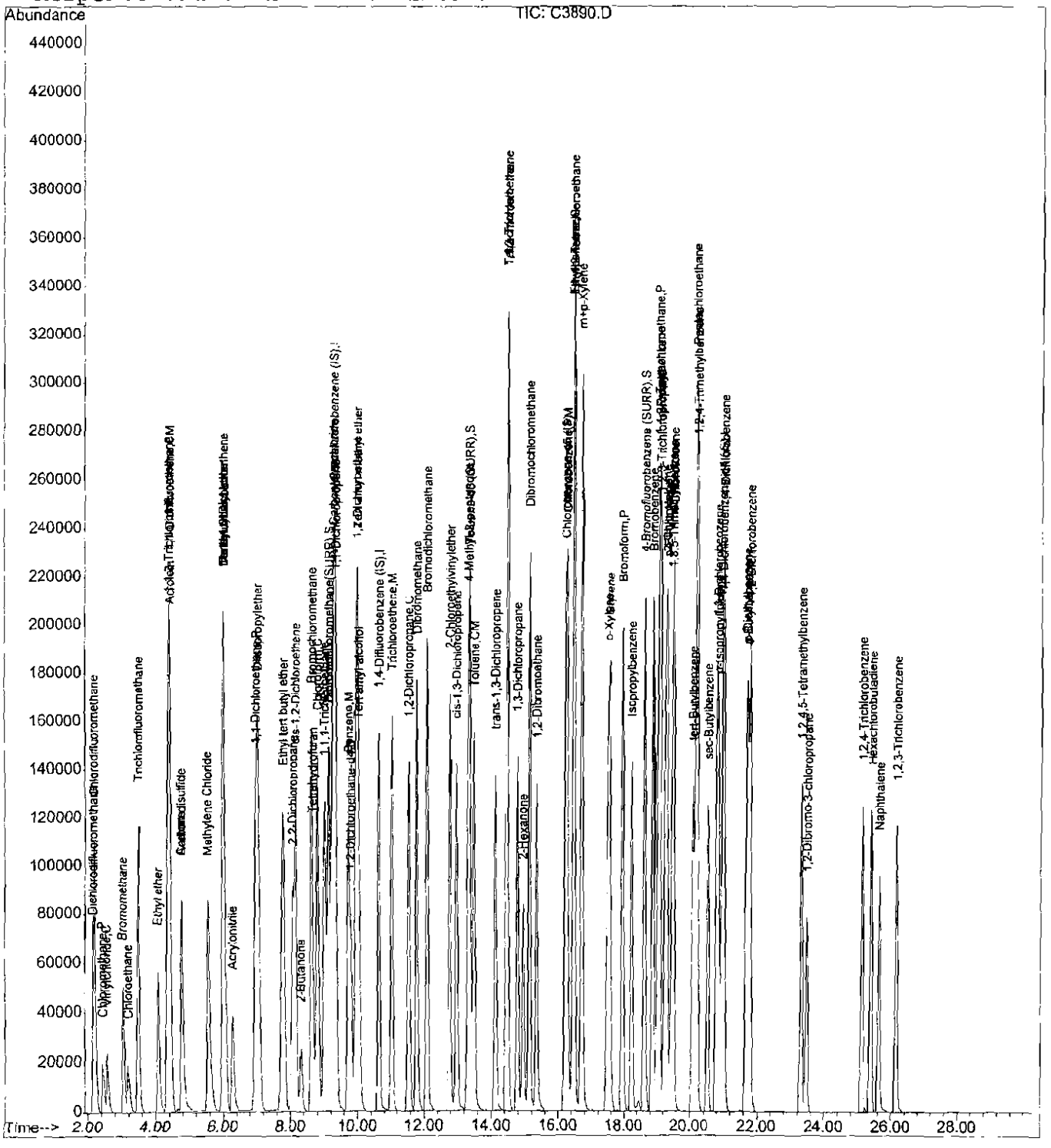
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76)	1,2,4-Trimethylbenzene	20.22	105	236753	44.53	ppb	100
77)	sec-Butylbenzene	20.54	105	269052	42.12	ppb	98
78)	p-Isopropyltoluene	20.86	119	211804	42.76	ppb	98
79)	1,3-Dichlorobenzene	20.80	146	180264	45.65	ppb	98
80)	1,4-Dichlorobenzene	21.02	146	193169	45.73	ppb	98
81)	1,2-Dichlorobenzene	21.78	146	187414	45.47	ppb	96
82)	p-Diethylbenzene	21.67	119	128315	42.18	ppb	96
83)	n-Butylbenzene	21.71	91	229376	41.07	ppb	98
84)	1,2,4,5-Tetramethylbenzene	23.30	119	215818	42.18	ppb	99
85)	1,2-Dibromo-3-chloropropan	23.46	157	59222	50.08	ppb	95
86)	1,2,4-Trichlorobenzene	25.12	180	115214	41.68	ppb	98
87)	Hexachlorobutadiene	25.40	225	75152	40.69	ppb	97
88)	Naphthalene	25.64	128	219396	45.96	ppb	99
89)	1,2,3-Trichlorobenzene	26.15	180	108342	41.95	ppb	100

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

Quantitation Report

Data File : U:\DATA\C\C3621\C3890.D Vial: 3
Acq On : 20 Jul 2010 9:22 pm Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3621 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 6:27 2010 Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : U:\DATA\C\C3622\C3911.D
Acq On : 21 Jul 2010 9:58 am
Sample : VSTD050
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P

Vial: 2
Operator: YS
Inst : GC/MS Tns
Multiplr: 1.00

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene (IS)	1.000	1.000	0.0	94	0.00
2		Dichlorodifluoromethane	0.512	0.502	2.0	92	-0.02
3		Chlorodifluoromethane	1.074	1.048	2.4	94	0.00
4	P	Chloromethane	0.234	0.223	4.7	91	-0.02
5	C	Vinylchloride	0.262	0.256	2.3	92	-0.02
6		Bromomethane	0.303	0.188	38.0#	59	-0.02
7		Chloroethane	0.203	0.219	-7.9	96	-0.02
8		Trichlorofluoromethane	0.964	1.017	-5.5	99	0.00
9		Ethyl ether	0.281	0.296	-5.3	94	0.00
10		1,1,2-Trichlorotrifluoroeth	0.546	0.560	-2.6	98	-0.02
11	CM	1,1-Dichloroethene	0.372	0.375	-0.8	96	0.00
12		Acrolein	0.043	0.042	2.3	92	0.00
13		Acetone	0.093	0.096	-3.2	100	0.00
14		Carbon disulfide	1.062	1.072	-0.9	95	0.00
15		Methylene Chloride	0.396	0.400	-1.0	95	0.00
16		Tert butyl alcohol	0.034	0.034	0.0	94	0.00
17		trans-1,2-Dichloroethene	0.386	0.388	-0.5	95	0.00
18		Methyl t-butyl ether	1.007	1.021	-1.4	98	0.00
19		Acrylonitrile	0.103	0.097	5.8	88	0.00
20	P	1,1-Dichloroethane	0.879	0.889	-1.1	98	0.00
21		Diisopropylether	1.754	1.786	-1.8	99	0.00
22		Ethyl tert butyl ether	0.464	0.472	-1.7	97	0.01
23		2,2-Dichloropropane	0.724	0.794	-9.7	105	0.00
24		cis-1,2-Dichloroethene	0.468	0.468	0.0	96	0.00
25		2-Butanone	0.173	0.177	-2.3	98	0.00
26		Bromochloromethane	0.327	0.332	-1.5	96	0.00
27		Tetrahydrofuran	0.095	0.106	-11.6	95	0.00
28	C	Chloroform	1.063	1.095	-3.0	99	0.00
29		1,1,1-Trichloroethane	0.944	0.976	-3.4	99	0.00
30	S	Dibromofluoromethane(SURR)	0.834	0.842	-1.0	96	0.00
31		Carbontetrachloride	0.836	0.879	-5.1	101	0.00
32		1,1-Dichloropropene	0.189	0.194	-2.6	98	0.00
33	M	Benzene	1.030	1.041	-1.1	96	0.00
34	S	1,2-Dichloroethane-d4	0.419	0.437	-4.3	98	0.00
35	I	1,4-Difluorobenzene (IS)	1.000	1.000	0.0	95	0.00
36		1,2-Dichloroethane	0.552	0.571	-3.4	100	0.00
37		Tert amyl methyl ether	1.320	1.235	6.4	95	0.00
38		Tert amyl alcohol	0.029	0.027	6.9	86	0.00
39	M	Trichloroethene	0.481	0.491	-2.1	98	0.00
40	C	1,2-Dichloropropane	0.452	0.456	-0.9	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : U:\DATA\C\C3622\C3911.D
Acq On : 21 Jul 2010 9:58 am
Sample : VSTD050
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P

Vial: 2
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		Dibromomethane	0.533	0.529	0.8	96	0.00
42		Bromodichloromethane	1.007	1.027	-2.0	99	0.00
43		2-Chloroethylvinylether	0.291	0.286	1.7	94	0.00
44		cis-1,3-Dichloropropene	0.647	0.661	-2.2	98	0.00
45		4-Methyl-2-pentanone	0.437	0.440	-0.7	98	0.00
46	S	Toluene-d8 (SURR)	0.822	0.843	-2.6	98	0.00
47	CM	Toluene	0.563	0.575	-2.1	98	0.00
48	I	Chlorobenzene-d5 (IS)	1.000	1.000	0.0	97	0.00
49		trans-1,3-Dichloropropene	0.761	0.773	-1.6	98	0.00
50		1,1,2-Trichloroethane	0.495	0.485	2.0	96	0.00
51		Tetrachloroethene	0.535	0.548	-2.4	100	0.00
52		1,3-Dichloropropane	0.816	0.808	1.0	97	0.00
53		2-Hexanone	0.371	0.349	5.9	96	0.00
54		Dibromochloromethane	1.218	1.212	0.5	97	0.00
55		1,2-Dibromoethane	0.984	0.962	2.2	95	0.00
56	PM	Chlorobenzene	1.057	1.056	0.1	98	0.00
57		1,1,1,2-Tetrachloroethane	0.715	0.713	0.3	100	0.00
58	C	Ethylbenzene	0.395	0.398	-0.8	98	0.01
59		m+p-Xylene	0.492	0.495	-0.6	99	0.00
60		o-Xylene	0.507	0.504	0.6	97	0.00
61		Styrene	0.908	0.906	0.2	97	0.00
62	P	Bromoform	0.958	0.909	5.1	92	0.00
63		Isopropylbenzene	1.240	1.217	1.9	96	0.00
64	S	4-Bromofluorobenzene (SURR)	0.828	0.843	-1.8	98	0.00
65	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	96	0.01
66		Bromobenzene	1.637	1.661	-1.5	97	0.00
67	P	1,1,2,2-Tetrachloroethane	2.568	2.551	0.7	96	0.00
68		n-Propylbenzene	3.591	3.642	-1.4	98	0.01
69		1,2,3-Trichloropropane	0.583	0.602	-3.3	97	0.01
70		p-Ethyltoluene	3.682	3.680	0.1	97	0.01
71		1,3,5-Trimethylbenzene	2.680	2.728	-1.8	98	0.01
72		2-Chlorotoluene	0.885	0.909	-2.7	99	0.00
73		4-Chlorotoluene	0.897	0.923	-2.9	99	0.01
74		tert-Butylbenzene	1.632	1.641	-0.6	98	0.01
75		Pentachloroethane	1.617	1.635	-1.1	96	0.00
76		1,2,4-Trimethylbenzene	2.777	2.795	-0.6	96	0.01
77		sec-Butylbenzene	3.337	3.192	4.3	93	0.00
78		p-Isopropyltoluene	2.587	2.520	2.6	96	0.00
79		1,3-Dichlorobenzene	2.063	2.085	-1.1	97	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : U:\DATA\C\C3622\C3911.D Vial: 2
Acq On : 21 Jul 2010 9:58 am Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3622 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
80	1,4-Dichlorobenzene	2.207	2.234	-1.2	95	0.00
81	1,2-Dichlorobenzene	2.153	2.111	2.0	95	0.01
82	p-Diethylbenzene	1.589	1.545	2.8	95	0.00
83	n-Butylbenzene	2.917	2.772	5.0	93	0.00
84	1,2,4,5-Tetramethylbenzene	2.673	2.556	4.4	94	0.01
85	1,2-Dibromo-3-chloropropane	0.618	0.607	1.8	91	0.00
86	1,2,4-Trichlorobenzene	1.444	1.320	8.6	90	0.01
87	Hexachlorobutadiene	1.063	0.797	25.0#	81	0.00
88	Naphthalene	2.494	2.380	4.6	90	0.00
89	1,2,3-Trichlorobenzene	1.349	1.233	8.6	89	0.00

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3622\C3911.D Vial: 2
Acq On : 21 Jul 2010 9:58 am Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3622 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 10:35 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.31	168	260600	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.64	114	302204	50.00	ppb	0.00
48) Chlorobenzene-d5 (IS)	16.23	117	239737	50.00	ppb	0.00
65) 1,4-Dichlorobenzene-d4 (IS	20.98	152	86777	50.00	ppb	0.01
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.15	113	219461	50.47	ppb	0.00
Spiked Amount 50.000			Recovery =	100.94%		
34) 1,2-Dichloroethane-d4	9.83	65	113936	52.20		0.00
Spiked Amount 50.000			Recovery =	104.40%		
46) Toluene-d8 (SURR)	13.37	98	254639	51.27	ppb	0.00
Spiked Amount 50.000			Recovery =	102.54%		
64) 4-Bromofluorobenzene (SURR	18.62	95	202001	50.87	ppb	0.00
Spiked Amount 50.000			Recovery =	101.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.16	85	130699	49.01	ppb	97
3) Chlorodifluoromethane	2.21	51	273228	48.81	ppb	97
4) Chloromethane	2.44	50	58090	47.70	ppb	99
5) Vinylchloride	2.56	62	66776	48.89	ppb	99
6) Bromomethane	3.04	94	48965	30.48	ppb	99
7) Chloroethane	3.18	64	57081	49.87	ppb	98
8) Trichlorofluoromethane	3.51	101	264943	52.74	ppb	99
9) Ethyl ether	4.09	59	77241	52.69	ppb	97
10) 1,1,2-Trichlorotrifluoroet	4.40	151	146032	51.31	ppb	97
11) 1,1-Dichloroethene	4.44	96	97751	50.40	ppb	99
12) Acrolein	4.45	56	33224	148.62	ppb	99
13) Acetone	4.78	43	49909	102.71	ppb	99
14) Carbon disulfide	4.79	76	279405	50.46	ppb	99
15) Methylene Chloride	5.59	84	104246	50.49	ppb	99
16) Tert butyl alcohol	6.02	59	88256	497.14	ppb	96
17) trans-1,2-Dichloroethene	6.01	96	101081	50.20	ppb	98
18) Methyl t-butyl ether	6.04	73	266093	50.68	ppb	97
19) Acrylonitrile	6.28	53	76020	142.14	ppb	99
20) 1,1-Dichloroethane	6.98	63	231686	50.59	ppb	99
21) Diisopropylether	7.05	45	465312	50.90	ppb	99
22) Ethyl tert butyl ether	7.79	87	123106	50.93	ppb	99
23) 2,2-Dichloropropane	8.09	77	206870	54.80	ppb	99
24) cis-1,2-Dichloroethene	8.17	96	121998	50.03	ppb	100
25) 2-Butanone	8.34	43	92190	102.16	ppb	99
26) Bromochloromethane	8.65	128	86552	50.81	ppb	98
27) Tetrahydrofuran	8.69	42	27696	48.30	ppb	98

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3622\C3911.D
Acq On : 21 Jul 2010 9:58 am
Sample : VSTD050
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 10:35 2010

Vial: 2
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28)	Chloroform	8.82	83	285368	51.52	ppb		100
29)	1,1,1-Trichloroethane	9.03	97	254421	51.73	ppb		97
31)	Carbontetrachloride	9.26	119	229083	52.57	ppb		94
32)	1,1-Dichloropropene	9.36	110	50458	51.12	ppb		99
33)	Benzene	9.75	78	271208	50.54	ppb		99
36)	1,2-Dichloroethane	9.97	62	172469	51.70	ppb		99
37)	Tert amyl methyl ether	10.01	73	373199	46.78	ppb		99
38)	Tert amyl alcohol	10.05	59	120596	678.79	ppb	#	100
39)	Trichloroethene	11.03	95	148413	51.04	ppb		100
40)	1,2-Dichloropropane	11.56	63	137726	50.42	ppb		97
41)	Dibromomethane	11.78	93	159773	49.55	ppb		99
42)	Bromodichloromethane	12.10	83	310512	51.04	ppb		98
43)	2-Chloroethylvinylether	12.77	63	172666	98.29	ppb		100
44)	cis-1,3-Dichloropropene	12.98	75	199649	51.09	ppb		96
45)	4-Methyl-2-pentanone	13.33	43	265873	100.74	ppb		99
47)	Toluene	13.50	92	173657	51.04	ppb		96
49)	trans-1,3-Dichloropropene	14.13	75	185386	50.78	ppb		99
50)	1,1,2-Trichloroethane	14.46	83	116247	48.96	ppb		97
51)	Tetrachloroethene	14.48	166	131313	51.17	ppb		100
52)	1,3-Dichloropropane	14.80	76	193746	49.52	ppb		99
53)	2-Hexanone	14.95	43	167521	94.06	ppb		100
54)	Dibromochloromethane	15.14	129	290479	49.74	ppb		98
55)	1,2-Dibromoethane	15.36	107	230571	48.89	ppb		98
56)	Chlorobenzene	16.28	112	253261	49.97	ppb		100
57)	1,1,1,2-Tetrachloroethane	16.49	131	170894	49.85	ppb		99
58)	Ethylbenzene	16.47	106	95410	50.32	ppb		100
59)	m+p-Xylene	16.71	106	237401	100.73	ppb		92
60)	o-Xylene	17.50	106	120723	49.68	ppb		98
61)	Styrene	17.57	104	217083	49.87	ppb		98
62)	Bromoform	17.95	173	217934	47.43	ppb		96
63)	Isopropylbenzene	18.24	105	291869	49.09	ppb		97
66)	Bromobenzene	18.88	156	144097	50.71	ppb		98
67)	1,1,2,2-Tetrachloroethane	19.05	83	221373	49.66	ppb		98
68)	n-Propylbenzene	19.08	91	316032	50.71	ppb		99
69)	1,2,3-Trichloropropane	19.12	110	52205	51.60	ppb		98
70)	p-Ethyltoluene	19.33	105	319325	49.97	ppb		99
71)	1,3,5-Trimethylbenzene	19.48	105	236743	50.90	ppb		99
72)	2-Chlorotoluene	19.27	126	78894	51.37	ppb		98
73)	4-Chlorotoluene	19.53	126	80116	51.49	ppb		98
74)	tert-Butylbenzene	20.10	91	142359	50.27	ppb		99
75)	Pentachloroethane	20.19	117	141864	50.55	ppb		97

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3622\C3911.D Vial: 2
Acq On : 21 Jul 2010 9:58 am Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3622 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 21 10:35 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76)	1,2,4-Trimethylbenzene	20.24	105	242515	50.31	ppb	99
77)	sec-Butylbenzene	20.55	105	277011	47.83	ppb	99
78)	p-Isopropyltoluene	20.88	119	218681	48.70	ppb	99
79)	1,3-Dichlorobenzene	20.82	146	180897	50.53	ppb	99
80)	1,4-Dichlorobenzene	21.02	146	193846	50.61	ppb	99
81)	1,2-Dichlorobenzene	21.79	146	183178	49.02	ppb	100
82)	p-Diethylbenzene	21.67	119	134074	48.61	ppb	97
83)	n-Butylbenzene	21.72	91	240517	47.50	ppb	99
84)	1,2,4,5-Tetramethylbenzene	23.33	119	221779	47.81	ppb	97
85)	1,2-Dibromo-3-chloropropan	23.48	157	52695	49.15	ppb	96
86)	1,2,4-Trichlorobenzene	25.14	180	114562	45.72	ppb	97
87)	Hexachlorobutadiene	25.41	225	69137	41.32	ppb	99
88)	Naphthalene	25.65	128	206541	47.72	ppb	98
89)	1,2,3-Trichlorobenzene	26.16	180	107014	45.70	ppb	97

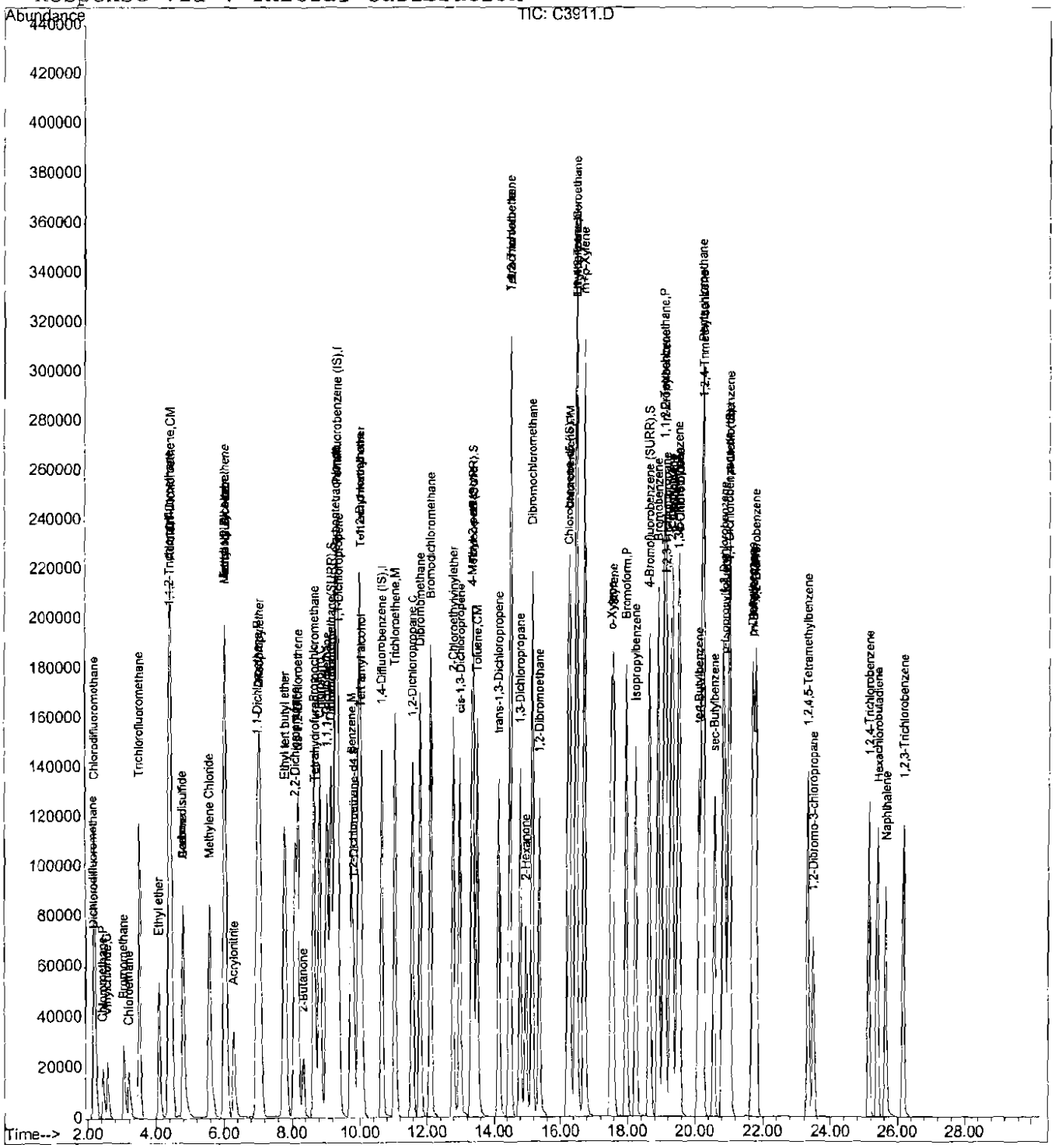
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : U:\DATA\C\C3622\C3911.D
Acq On : 21 Jul 2010 9:58 am
Sample : VSTD050
Misc : ;1;L; C3622 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 21 10:35 2010

Vial: 2
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : U:\DATA\C\C3624\C3954.D Vial: 2
Acq On : 23 Jul 2010 9:52 am Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3624 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Pentafluorobenzene (IS)	1.000	1.000	0.0	85	0.00
2		Dichlorodifluoromethane	0.512	0.520	-1.6	86	-0.02
3		Chlorodifluoromethane	1.074	1.134	-5.6	91	-0.02
4	P	Chloromethane	0.234	0.238	-1.7	88	-0.02
5	C	Vinylchloride	0.262	0.274	-4.6	89	-0.02
6		Bromomethane	0.303	0.275	9.2	78	-0.02
7		Chloroethane	0.203	0.233	-14.8	92	-0.01
8		Trichlorofluoromethane	0.964	1.121	-16.3	98	-0.02
9		Ethyl ether	0.281	0.311	-10.7	89	-0.02
10		1,1,2-Trichlorotrifluoroeth	0.546	0.566	-3.7	89	-0.02
11	CM	1,1-Dichloroethene	0.372	0.382	-2.7	88	-0.02
12		Acrolein	0.043	0.045	-4.7	87	-0.02
13		Acetone	0.093	0.107	-15.1	101	-0.02
14		Carbon disulfide	1.062	1.122	-5.6	90	-0.02
15		Methylene Chloride	0.396	0.416	-5.1	89	-0.02
16		Tert butyl alcohol	0.034	0.037	-8.8	92	-0.02
17		trans-1,2-Dichloroethene	0.386	0.396	-2.6	88	-0.02
18		Methyl t-butyl ether	1.007	1.121	-11.3	97	0.00
19		Acrylonitrile	0.103	0.098	4.9	80	0.00
20	P	1,1-Dichloroethane	0.879	0.945	-7.5	93	-0.02
21		Diisopropylether	1.754	1.896	-8.1	95	-0.02
22		Ethyl tert butyl ether	0.464	0.515	-11.0	95	0.00
23		2,2-Dichloropropane	0.724	0.913	-26.1#	109	-0.02
24		cis-1,2-Dichloroethene	0.468	0.482	-3.0	89	0.00
25		2-Butanone	0.173	0.185	-6.9	93	-0.02
26		Bromochloromethane	0.327	0.337	-3.1	88	-0.02
27		Tetrahydrofuran	0.095	0.110	-15.8	89	-0.02
28	C	Chloroform	1.063	1.203	-13.2	98	0.00
29		1,1,1-Trichloroethane	0.944	1.072	-13.6	98	0.00
30	S	Dibromofluoromethane(SURR)	0.834	0.880	-5.5	90	-0.02
31		Carbontetrachloride	0.836	0.965	-15.4	100	-0.02
32		1,1-Dichloropropene	0.189	0.197	-4.2	90	-0.02
33	M	Benzene	1.030	1.078	-4.7	90	-0.02
34	S	1,2-Dichloroethane-d4	0.419	0.497	-18.6	101	-0.02
35	I	1,4-Difluorobenzene (IS)	1.000	1.000	0.0	87	-0.02
36		1,2-Dichloroethane	0.552	0.649	-17.6	104	-0.02
37		Tert amyl methyl ether	1.320	1.348	-2.1	95	-0.02
38		Tert amyl alcohol	0.029	0.031	-6.9	91	-0.02
39	M	Trichloroethene	0.481	0.506	-5.2	92	-0.02
40	C	1,2-Dichloropropane	0.452	0.473	-4.6	93	-0.03

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : U:\DATA\C\C3624\C3954.D
Acq On : 23 Jul 2010 9:52 am
Sample : VSTD050
Misc : ;1;L; C3624 8260
MS Integration Params: RTEINT.P

Vial: 2
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
41		Dibromomethane	0.533	0.562	-5.4	93	-0.02
42		Bromodichloromethane	1.007	1.128	-12.0	99	-0.02
43		2-Chloroethylvinylether	0.291	0.289	0.7	87	-0.03
44		cis-1,3-Dichloropropene	0.647	0.702	-8.5	95	-0.02
45		4-Methyl-2-pentanone	0.437	0.458	-4.8	93	-0.02
46	S	Toluene-d8 (SURR)	0.822	0.838	-1.9	89	-0.02
47	CM	Toluene	0.563	0.574	-2.0	90	-0.03
48	I	Chlorobenzene-d5 (IS)	1.000	1.000	0.0	89	-0.03
49		trans-1,3-Dichloropropene	0.761	0.829	-8.9	97	-0.02
50		1,1,2-Trichloroethane	0.495	0.512	-3.4	94	-0.03
51		Tetrachloroethene	0.535	0.539	-0.7	91	-0.03
52		1,3-Dichloropropane	0.816	0.846	-3.7	94	-0.03
53		2-Hexanone	0.371	0.372	-0.3	94	-0.02
54		Dibromochloromethane	1.218	1.269	-4.2	93	-0.03
55		1,2-Dibromoethane	0.984	0.963	2.1	88	-0.03
56	PM	Chlorobenzene	1.057	1.047	0.9	90	-0.03
57		1,1,1,2-Tetrachloroethane	0.715	0.729	-2.0	94	-0.03
58	C	Ethylbenzene	0.395	0.390	1.3	88	0.00
59		m+p-Xylene	0.492	0.479	2.6	88	-0.03
60		o-Xylene	0.507	0.499	1.6	88	-0.03
61		Styrene	0.908	0.896	1.3	88	-0.03
62	P	Bromoform	0.958	0.984	-2.7	92	-0.03
63		Isopropylbenzene	1.240	1.239	0.1	90	-0.02
64	S	4-Bromofluorobenzene (SURR)	0.828	0.878	-6.0	94	-0.03
65	I	1,4-Dichlorobenzene-d4 (IS)	1.000	1.000	0.0	87	-0.02
66		Bromobenzene	1.637	1.653	-1.0	88	-0.03
67	P	1,1,2,2-Tetrachloroethane	2.568	2.670	-4.0	92	-0.03
68		n-Propylbenzene	3.591	3.810	-6.1	93	-0.02
69		1,2,3-Trichloropropane	0.583	0.629	-7.9	93	-0.02
70		p-Ethyltoluene	3.682	3.767	-2.3	91	-0.02
71		1,3,5-Trimethylbenzene	2.680	2.767	-3.2	91	-0.02
72		2-Chlorotoluene	0.885	0.913	-3.2	91	-0.02
73		4-Chlorotoluene	0.897	0.947	-5.6	93	-0.02
74		tert-Butylbenzene	1.632	1.769	-8.4	96	0.00
75		Pentachloroethane	1.617	1.665	-3.0	89	-0.02
76		1,2,4-Trimethylbenzene	2.777	2.868	-3.3	90	-0.02
77		sec-Butylbenzene	3.337	3.334	0.1	89	-0.02
78		p-Isopropyltoluene	2.587	2.620	-1.3	91	-0.02
79		1,3-Dichlorobenzene	2.063	2.121	-2.8	90	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : U:\DATA\C\C3624\C3954.D Vial: 2
Acq On : 23 Jul 2010 9:52 am Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3624 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
80	1,4-Dichlorobenzene	2.207	2.301	-4.3	90	-0.02
81	1,2-Dichlorobenzene	2.153	2.172	-0.9	89	0.00
82	p-Diethylbenzene	1.589	1.604	-0.9	90	-0.02
83	n-Butylbenzene	2.917	3.056	-4.8	93	-0.03
84	1,2,4,5-Tetramethylbenzene	2.673	2.684	-0.4	90	-0.02
85	1,2-Dibromo-3-chloropropane	0.618	0.637	-3.1	87	-0.02
86	1,2,4-Trichlorobenzene	1.444	1.405	2.7	87	-0.02
87	Hexachlorobutadiene	1.063	0.956	10.1	88	-0.02
88	Naphthalene	2.494	2.449	1.8	85	-0.02
89	1,2,3-Trichlorobenzene	1.349	1.278	5.3	84	-0.02

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3624\C3954.D Vial: 2
Acq On : 23 Jul 2010 9:52 am Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3624 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:25 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene (IS)	9.30	168	234811	50.00	ppb	0.00
35) 1,4-Difluorobenzene (IS)	10.63	114	276029	50.00	ppb	-0.02
48) Chlorobenzene-d5 (IS)	16.20	117	220582	50.00	ppb	-0.03
65) 1,4-Dichlorobenzene-d4 (IS	20.95	152	79189	50.00	ppb	-0.02
System Monitoring Compounds						
30) Dibromofluoromethane(SURR)	9.14	113	206564	52.72	ppb	-0.02
Spiked Amount 50.000			Recovery =	105.44%		
34) 1,2-Dichloroethane-d4	9.82	65	116709	59.35		-0.02
Spiked Amount 50.000			Recovery =	118.70%		
46) Toluene-d8 (SURR)	13.36	98	231314	50.99	ppb	-0.02
Spiked Amount 50.000			Recovery =	101.98%		
64) 4-Bromofluorobenzene (SURR	18.60	95	193632	53.00	ppb	-0.03
Spiked Amount 50.000			Recovery =	106.00%		
Target Compounds						Qvaluc
2) Dichlorodifluoromethane	2.15	85	122111	50.82	ppb	100
3) Chlorodifluoromethane	2.20	51	266330	52.80	ppb	97
4) Chloromethane	2.43	50	55851	50.90	ppb	100
5) Vinylchloride	2.56	62	64225	52.19	ppb	100
6) Bromomethane	3.03	94	64530	42.65	ppb	94
7) Chloroethane	3.18	64	54661	52.85	ppb	99
8) Trichlorofluoromethane	3.50	101	263232	58.15	ppb	97
9) Ethyl ether	4.08	59	72932	55.21	ppb	96
10) 1,1,2-Trichlorotrifluoroet	4.40	151	132843	51.80	ppb	94
11) 1,1-Dichloroethene	4.43	96	89657	51.31	ppb	100
12) Acrolein	4.43	56	31523	156.49	ppb	99
13) Acetone	4.77	43	50164	114.57	ppb	99
14) Carbon disulfide	4.78	76	263433	52.80	ppb	98
15) Methylene Chloride	5.57	84	97729	52.53	ppb	99
16) Tert butyl alcohol	6.00	59	85898	537.00	ppb	97
17) trans-1,2-Dichloroethene	6.00	96	92938	51.23	ppb	99
18) Methyl t-butyl ether	6.03	73	263159	55.62	ppb	97
19) Acrylonitrile	6.28	53	69031	143.25	ppb	98
20) 1,1-Dichloroethane	6.96	63	221897	53.77	ppb	100
21) Diisopropylether	7.04	45	445283	54.05	ppb	98
22) Ethyl tert butyl ether	7.78	87	120968	55.54	ppb	90
23) 2,2-Dichloropropane	8.07	77	214352	63.02	ppb	99
24) cis-1,2-Dichloroethene	8.16	96	113067	51.46	ppb	98
25) 2-Butanone	8.32	43	87103	107.13	ppb	97
26) Bromochloromethane	8.64	128	79213	51.61	ppb	97
27) Tetrahydrofuran	8.68	42	25853	49.90	ppb	98

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3624\C3954.D
Acq On : 23 Jul 2010 9:52 am
Sample : VSTD050
Misc : ;1;L; C3624 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:25 2010

Vial: 2
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00
Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
28)	Chloroform	8.81	83	282554	56.61	ppb		95
29)	1,1,1-Trichloroethane	9.02	97	251806	56.82	ppb		96
31)	Carbontetrachloride	9.25	119	226557	57.70	ppb		96
32)	1,1-Dichloropropene	9.34	110	46339	52.11	ppb		96
33)	Benzene	9.74	78	253136	52.35	ppb		98
36)	1,2-Dichloroethane	9.96	62	179085	58.77	ppb		98
37)	Tert amyl methyl ether	9.99	73	372005	51.05	ppb		98
38)	Tert amyl alcohol	10.04	59	127462	785.47	ppb	#	100
39)	Trichloroethene	11.02	95	139567	52.54	ppb		98
40)	1,2-Dichloropropane	11.54	63	130499	52.30	ppb		99
41)	Dibromomethane	11.77	93	155134	52.68	ppb		100
42)	Bromodichloromethane	12.09	83	311290	56.02	ppb		100
43)	2-Chloroethylvinylether	12.75	63	159476	99.39	ppb		97
44)	cis-1,3-Dichloropropene	12.96	75	193803	54.29	ppb		97
45)	4-Methyl-2-pentanone	13.31	43	252817	104.88	ppb		98
47)	Toluene	13.48	92	158554	51.03	ppb		98
49)	trans-1,3-Dichloropropene	14.12	75	182891	54.45	ppb		98
50)	1,1,2-Trichloroethane	14.44	83	113023	51.74	ppb		98
51)	Tetrachloroethene	14.46	166	118894	50.35	ppb		99
52)	1,3-Dichloropropane	14.77	76	186564	51.82	ppb		98
53)	2-Hexanone	14.94	43	164019	100.09	ppb		97
54)	Dibromochloromethane	15.12	129	279832	52.08	ppb		99
55)	1,2-Dibromoethane	15.34	107	212339	48.93	ppb		97
56)	Chlorobenzene	16.26	112	230964	49.53	ppb		99
57)	1,1,1,2-Tetrachloroethane	16.47	131	160793	50.98	ppb		100
58)	Ethylbenzene	16.45	106	85940	49.26	ppb		96
59)	m+p-Xylene	16.69	106	211183	97.38	ppb		87
60)	o-Xylene	17.48	106	109993	49.19	ppb		98
61)	Styrene	17.55	104	197685	49.35	ppb		94
62)	Bromoform	17.93	173	217101	51.35	ppb		95
63)	Isopropylbenzene	18.22	105	273232	49.95	ppb		99
66)	Bromobenzene	18.86	156	130938	50.49	ppb		95
67)	1,1,2,2-Tetrachloroethane	19.02	83	211433	51.98	ppb		99
68)	n-Propylbenzene	19.05	91	301745	53.05	ppb		97
69)	1,2,3-Trichloropropane	19.09	110	49816	53.96	ppb		96
70)	p-Ethyltoluene	19.30	105	298273	51.14	ppb		99
71)	1,3,5-Trimethylbenzene	19.45	105	219092	51.62	ppb		99
72)	2-Chlorotoluene	19.25	126	72303	51.59	ppb		100
73)	4-Chlorotoluene	19.50	126	75005	52.82	ppb		96
74)	tert-Butylbenzene	20.08	91	140061	54.19	ppb		98
75)	Pentachloroethane	20.17	117	131874	51.49	ppb		98

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

Quantitation Report (Not Reviewed)

Data File : U:\DATA\C\C3624\C3954.D Vial: 2
Acq On : 23 Jul 2010 9:52 am Operator: YS
Sample : VSTD050 Inst : GC/MS Ins
Misc : ;1;L; C3624 8260 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:25 2010 Quant Results File: C_8260.RES

Quant Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration
DataAcq Meth : C_8260

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.21	105	227153	51.64	ppb		98
77)	sec-Butylbenzene	20.53	105	264020	49.95	ppb		98
78)	p-Isopropyltoluene	20.86	119	207479	50.63	ppb		99
79)	1,3-Dichlorobenzene	20.80	146	167985	51.42	ppb		99
80)	1,4-Dichlorobenzene	21.00	146	182239	52.14	ppb		97
81)	1,2-Dichlorobenzene	21.77	146	172021	50.44	ppb		100
82)	p-Diethylbenzene	21.65	119	126995	50.46	ppb		99
83)	n-Butylbenzene	21.70	91	242022	52.38	ppb		97
84)	1,2,4,5-Tetramethylbenzene	23.30	119	212577	50.21	ppb		99
85)	1,2-Dibromo 3-chloropropan	23.46	157	50446	51.56	ppb		96
86)	1,2,4-Trichlorobenzene	25.11	180	111292	48.67	ppb		99
87)	Hexachlorobutadiene	25.39	225	75668	49.96	ppb	#	97
88)	Naphthalene	25.63	128	193896	49.10	ppb		97
89)	1,2,3-Trichlorobenzene	26.14	180	101201	47.36	ppb		93

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

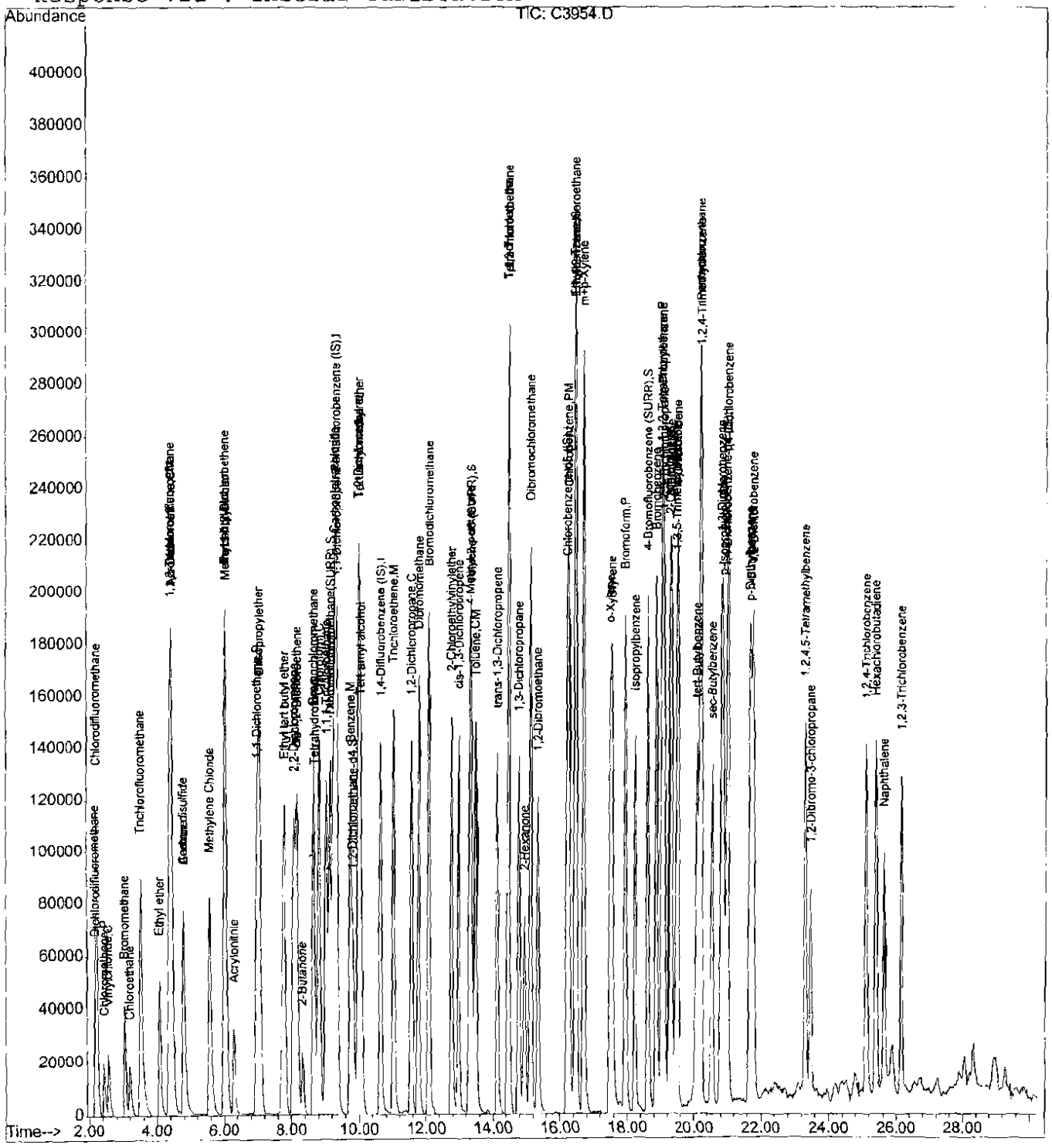
Quantitation Report

Data File : U:\DATA\C\C3624\C3954.D
Acq On : 23 Jul 2010 9:52 am
Sample : VSTD050
Misc : ;1;L; C3624 8260
MS Integration Params: RTEINT.P
Quant Time: Jul 23 10:25 2010

Vial: 2
Operator: YS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: C_8260.RES

Method : U:\METHODS\C\C_8260.M (RTE Integrator)
Title : 624/8240 VOLALTILE LIQUIDS
Last Update : Tue Jul 20 06:37:23 2010
Response via : Initial Calibration



Logbook GCMS Volatiles

Print Date:8/30/10

Batch: C3619
Date/Time: 7/19/10 3:06:00 PM
Initals: YS

8260

File ID	Sample	Standard Code	Type	Matrix	DF	ALS#	SD	Comments	pH<2-y/n
C-916	50ngBFB-00		P	L	1				
C3860	VSTD005-01	7/19/10:b29:p:40	I	L	1				
C3861	VSTD005-01	7/19/10:b29:p:40	I	L	1				
C3862	VSTD020-02	7/19/10:b29:p:40	I	L	1				
C3863	VSTD050-03	7/19/10:b29:p:40	I	L	1				
C3864	VSTD100-04	7/19/10:b29:p:40	I	L	1				
C3865	VSTD150-05	7/19/10:b29:p:40	I	L	1				
C3866	Inst Blank-65		L	L	1				
C3867	Inst Blank-64		L	L	1				

Types: Q= QCCheckStd F=RefStd M=Matrix Spike N=Matrix Spike Duplicate H=MDL
I=InitCalStd S=Sample P=Performance Std L=Instrument Blank C=Continuing Cal

Logbook GCMS Volatiles

Print Date:8/30/10

Batch: C3621
Date/Time: 7/20/10 8:49:00 PM
Initals: YS

8260

File ID	Sample	Standard Code	Type	Matrix	DF	ALS#	SD	Comments	pH<2-y/n
C-919	50ngBFB-00	1/11/10:b28:p:80	P	L	1				
C-918	50ngBFB-00	1/11/10:b28:p:80	P	L	1				
C3890	VSTD050-03	7/19/10:b29:p:40	C	L	1				
C3891	20PPBREF-00	6/4/10:b29:p:24	F	L	1				
C3892	VBLK-91		B	L	1				
C3893	VBLK-92		B	L	1				
C3894	1007240-07		S	L	1		G		
C3895	1007240-08		S	L	1		G		
C3896	1007240-08MS	5/21/10:b29:p:18	M	L	1				
C3897	1007240-08MSD		N	L	1				
C3898	1007236-02		S	L	10		G		
C3899	1007236-04		S	L	300		G		
C3900	1007236-05		S	L	1		G		
C3901	1007236-06		S	L	50		G		
C3902	1007236-07		S	L	50		G		
C3903	1007236-08		S	L	50		G		
C3904	1007236-09		S	L	10		G		
C3905	1007088-04		S	S	1250		C		
C3906	1007125-01		S	S	125		G		
C3907	1007286-01		S	L	10		G		
C3908	1007286-02		S	L	10		G		
C3909	Inst Blank-70		L	L	1				
C3910	1007286-03		S	L	1		G		

Types: *Q= QCCheckStd* F=RefStd M=Matrix Spike N=Matrix Spike Duplicate H=MDL
I=InitCalStd S=Sample P=Performance Std L=Instrument Blank C=Continuing Cal

Logbook GCMS Volatiles

Print Date:8/30/10

Batch: C3622
Date/Time: 7/21/10 9:25:00 AM
Initals: YS

8260

File ID	Sample	Standard Code	Type	Matrix	DF	ALS#	SD	Comments	pH<2-y/n
C-920	50ngBFB-00	1/11/10:b28:p:80	P	L	1				
C3911	VSTD050-03	7/19/10:b29:p:40	C	L	1				
C3912	20PPBREF-00	6/4/10:b29:p:24	F	L	1				
C3913	TCLP Blank-29		T	L	10				
C3914	VBLK-93		B	L	1				
C3915	1007280-02		S	TCLP	1		G		
C3916	1007256-08		S	TCLP	1		G		
C3917	1007256-09		S	TCLP	1		G		
C3918	1007256-10		S	TCLP	1		G		
C3919	1007256-11		S	TCLP	1		G		
C3920	1007256-12		S	TCLP	1		G		
C3921	1007256-13		S	TCLP	1		G		
C3922	Inst Blank-71		L	L	1				
C3923	1007286-06		S	L	1		G		
C3924	1007286-05		S	L	1		G		
C3925	1007286-04		S	L	1		G		
C3926	1007286-03		S	L	1		G		
C3927	1007286-02		S	L	2		G		
C3928	1007232-01		S	L	1		C		
C3929	1007239-01		S	L	2		G		
C3930	Inst Blank-72		L	L	1				
C3931	Inst Blank-73		L	L	1				
C3932	Inst Blank-74		L	L	1				

Types: Q= QCCheckStd F=RefStd M=Matrix Spike N=Matrix Spike Duplicate H=MDL
I=InitCalStd S=Sample P=Performance Std L=Instrument Blank C=Continuing Cal

Logbook GCMS Volatiles

Print Date:8/30/10

Batch: C3624
Date/Time: 7/23/10 9:08:00 AM
Initals: YS

8260

File ID	Sample	Standard Code	Type	Matrix	DF	ALS#	SD	Comments	pH<2-y/n
C-923	50ngBFB-00	1/11/10:b28:p:80	P	L	1				
C3954	VSTD050-03	7/19/10:b29:p:40	C	L	1				
C3955	20PPBREF-00	6/4/10:b29:p:24	F	L	1				
C3956	VBLK-96		B	L	1				
C3957	VBLK-97		B	L	1				
C3958	MSB-65		R	L	1				
C3959	1007312-01		S	L	1		G		
C3960	1007312-01MS	7/9/10:b29:p:38	M	L	1				
C3961	1007312-01MSD		N	L	1				
C3962	1007286-02		S	L	1		G		
C3963	1007286-03		S	L	50		G		
C3964	1007239-01		S	L	2		G		
C3965	1007330-01		S	L	1		G		
C3966	1007332-06		S	L	1		G		
C3967	1007332-07		S	L	1		G		
C3968	1007332-08		S	L	1		G		
C3969	1007332-09		S	L	1		G		
C3970	1007332-10		S	L	1		G		
C3971	Inst Blank-78		L	L	1				
C3972	Inst Blank-79		L	L	1				
C3973	Inst Blank-80		L	L	1				

Types: *Q= QCCheckStd* **F=RefStd M=Matrix Spike N=Matrix Spike Duplicate H=MDL I=InitCalStd S=Sample P=Performance Std L=Instrument Blank C=Continuing Cal**

GC/MS-V ANALYSIS CHECK-OFF SHEET

COC#: 10-07286

Please check-off all sections, initial and date below, and return with all QC Packages.

QC Pass/Meet Criteria?		
		~~BB~~ 6 aq samples (8260)
(✓) YES	( ) NO	**HOLDING TIME INFORMATION:** SW846 analytical holding time met? (14 days for Water & Soil) *>> QC Use Only: Dates - Collected:* 7/20 *Received:* 7/20 *Analyzed:* 7/21, 7/23
		SAMPLE INFORMATION:
(✓) YES	( ) NO	Analyzed as per the required protocols?
(✓) YES	( ) NO	All cross-offs made and initialed and dated?
(✓) YES	( ) NO	Were sample concentrations in exceedence of the highest Calibration Factor (E)?
		>> QC Use Only - List samples:
(✓) YES	( ) NO	Were analytical dilutions performed (DL)?] ol
		>> QC Use Only - List samples:
( ) YES	(✓) NO	Were re-analyses performed (RE)?
		>> QC Use Only - List samples:
(✓) YES	( ) NO	**QC FORM 2 - SURROGATE RECOVERY INFORMATION:** %Recovery for ALL Blanks, Samples, MSB, MS/MSD must meet criteria.
(✓) YES	( ) NO	**QC FORM 3 (MSB) - MATRIX SPIKE BLANK (Required for LEVEL-4, CAT B, CLP only)** All %Recoveries must meet QC criteria. Submitted w report
		QC FORM 3 - MATRIX SPIKE/MATRIX SPIKE DUPLICATE:
		MS/MSD (Batch QC) 10-07312-01 MS/SD
( ) YES	( ) NO	MS/MSD - All spike %Recoveries fell within specified QC limits.
( ) YES	( ) NO	MS/MSD - All spike %RPDs fell within specified QC limits. 10-07240-08 MS/SD
		MS/MSD - Site Specific QC
( ) YES	( ) NO	MS/MSD - All spike %Recoveries fell within specified QC limits.
( ) YES	( ) NO	MS/MSD - All spike %RPDs fell within specified QC limits.
		>> QC Use Only: NOTE OUTLIERS BELOW: ( ) out of ( ) spike recoveries and ( ) out of ( ) %RPDs fell outside QC limits.
(✓) YES	(✓) NO	**QC FORM 4 - METHOD BLANKS :** VBLK 92/93/97 Blank Contamination?(QC Limits = sample conc.must be >10x blank conc) Common Lab Contaminants: Methylene Chloride Conc. - Acetone Conc. - Toluene Conc. -
		QC FORM 5 - TUNE SPECIFICATION:
(✓) YES	( ) NO	SW846 BFB QC Criteria - ALL %Relative Abundance must pass specified QC limits.
(✓) YES	( ) NO	SW846 BFB Clock Criteria - all samples run before 12 hours for 8000, 24 hours for 600 series
		QC FORM 6 - INITIAL CALIBRATION: (C) 7/19/10
(✓) YES	( ) NO	SW846 All required SPCC's meet minimum RRF of 0.10 and 0.30 and CCC's meet %RSD of < 30%
		QC FORM 7 - CONTINUING CALIBRATION: C3621/C3622/C3624 -
(✓) YES	( ) NO	SW846 All required SPCC's meet minimum RRF of 0.10 and 0.30 and CCC's meet %D of < 20%
		QC FORM 8 - INTERNAL STANDARD:
(✓) YES	( ) NO	Area/Retention Time Shift for ALL Blanks, Samples, MSB, MS/MSD must meet criteria.

General Comments:

Laboratory Reviewer's Initials: _____ **Date:** _____

Data/QC Reviewer's Initials: RC **Date:** 9/1/10

>>QC USE ONLY: Following the review, please arrange the QC package in the following sequence:

(1) QC forms 2-5,8 (2) Sample Raw Data (3) Form 6 followed by raw data. Form 7 followed by raw data
(4) Raw Data for: BFB Tune, BLK, MSB,MS,MSD (5) Logbook Copies