Environmental Planning & Management, Inc.
1983 Marcus Ave., Suite 109
Lake Success, New York 11042
(516) 328-1194
Fax (516) 328-1381

LETTER OF TRANSMITTAL

Date: 12/04/08	Job No. 28001
Attention: Mr. Carl Hoffman	
Re: *Katonah Quarterly Water Monitoring*	

TO:

NYSDEC
625 Broadway
Albany, NY 12233-7013

WE ARE SENDING YOU: ■ Included ☐ Under separate cover via _____ the following items:

☐ Shop Drawings ☐ Prints ☐ Plans ☐ Qualifications ☐ Specifications

☐ Copy of Letter ■ Report ☐ _____

COPIES	DATE	NO.	
1	12/4/08		*Katonah Quarterly Water Monitoring Report*

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■ As requested ☐ Returned for corrections ☐ Return _____ Corrected Prints

☐ For review & comment

REMARKS

If there are any questions, please call me.

COPY TO *File*

SIGNED _____
Stephen Cherepany

DEC - 5 2008

ENVIRONMENTAL
PLANNING &
MANAGEMENT, INC.

James Hahn
James J. Hahn Engineering
Putnam Business Park
1689 Route 22
Brewster, NY 10509

November 24, 2008

Dear Mr. Hahn:

Enclosed please find the quarterly monitoring report for the end of the 3rd quarter of 2008 for the Katonah Municipal Well, Town of Bedford, Westchester County, New York (NYSDEC Site ID # 3-60-007).

Please call me with any questions.

Sincerely,

Darren Frank
Project Scientist

Stephen Cherepany
Staff Scientist

cc: Kenneth Caffrey, PE, NYSDOH
Carl Hoffman, NYSDEC
William Nixon, Town of Bedford
Paul Kutzy, Westchester County DOH
Damian Duda, USEPA Region 2

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APPENDICES

1.0 INTRODUCTION

This quarterly groundwater sampling and analysis report has been prepared for the Katonah Municipal Well Site in Katonah, Town of Bedford, New York. This submittal is in accordance with the groundwater monitoring requirements of the New York State Department of Health (NYSDOH) and the U.S. Environmental Protection Agency (USEPA). This report includes the data collection and analysis results of the remedial system operation, for the end of the 3rd quarter of 2008. Sampling of the remedial system was conducted on September 10, 2008.

2.0 SAMPLE COLLECTION

Environmental Planning & Management, Inc., collected samples on September 10, 2008. Three sample sets were collected from sampling taps; the raw water sampling tap (RW), the stripper number two effluent sampling tap (STEFF), and the distribution sampling tap (DIST). One field duplicate sample (DUP) was collected from the Raw Water sampling tap. Samples were also collected from two monitoring wells, W4 and W11. Sample locations are shown on Figure 1 - Sampling Tap Location Schematic. Sampling was conducted in accordance with the approved Project Operation Plan.

Samples were labeled at the field location and placed into transport coolers containing ice. A trip blank and chain-of-custody documentation accompanied the samples to the laboratory for analysis. The samples were analyzed by Accutest laboratories, of Dayton, New Jersey, in accordance with CLP methods, for volatile organics (Principal Organic Contaminants), by method 524.2, revision number 3.

3.0 FINDINGS

VOC Analysis

Table 1 provides a summary of the analytical results for the quarterly water quality monitoring, as well as the applicable NYSDOH Drinking Water Standards and the U.S. EPA clean-up requirement for Tetrachloroethene (PCE). As indicated by the laboratory analysis, the treatment system effluent meets the NYSDOH drinking water standards and the USEPA clean-up level of less than one part per billion (ppb) (or non-detectable) for Tetrachloroethylene and meets the levels of less than 100 parts per billion for Trihalomethanes.

Tetrachloroethylene was detected in the untreated Raw Water (RW) sample, at a concentration of 15.3µg/l (ppb), which exceeds the NYSDOH drinking water standard and the USEPA clean-up standard for this compound of 5 ppb and 1 ppb respectively. Sample RW also exhibited Trichloroethylene at a concentration of 0.42 ppb, and cis-1,2-Dichloroethene at a concentration of 0.37 ppb, which is below the NYSDOH drinking water standard and the USEPA Standard of 5 ppb for both compounds.

Analytical results for the duplicate sample (DUP) of the Raw Water (RW) similarly exhibited Tetrachloroethylene at a concentration 19.7 ppb. This sample also exhibited Trichloroethylene at a concentration of 0.5 ppb, and cis-1,2-Dichloroethylene at a concentration of 0.42 ppb, which is below the NYSDOH drinking water standard and the USEPA Standard of 5 ppb for both compounds.

No VOCs were detected in the treated (stripper number 2) water sample, STEFF.

Three VOCs, Bromodichloromethane, Bromoform and Dibromochloromethane were detected in the Distribution (DIST) water sample at a concentration of 1.6 ppb, 4.0 ppb and 3.9 ppb, respectively; however this is well below the NYSDOH drinking water standard and the USEPA Standard of 50 ppb for all three compounds.

Two VOCs, Tetrachloroethylene and cis-1,2-Dichloroethylene were detected in monitoring well 4 (W4) with a concentration of 0.55 ppb and 0.51 ppb, respectively, which is below the NYSDOH drinking water standards and the USEPA Cleanup Standards for both compounds.

One VOC, Tetrachloroethylene was detected in monitoring well 11 (W11) with a concentration of 0.42 ppb which is below the NYSDOH drinking water standard and the USEPA Cleanup Standard for this compound.

One VOC, Methylene Chloride was detected in the field blank (FB) water sample, at a concentration of 0.93 ppb. Methylene Chloride was also detected in the trip blank (TB) water sample at a concentration of 0.91 ppb. The NYSDOH drinking water standard and the USEPA clean-up standard for this compound is 5 ppb. Although the FB and TB

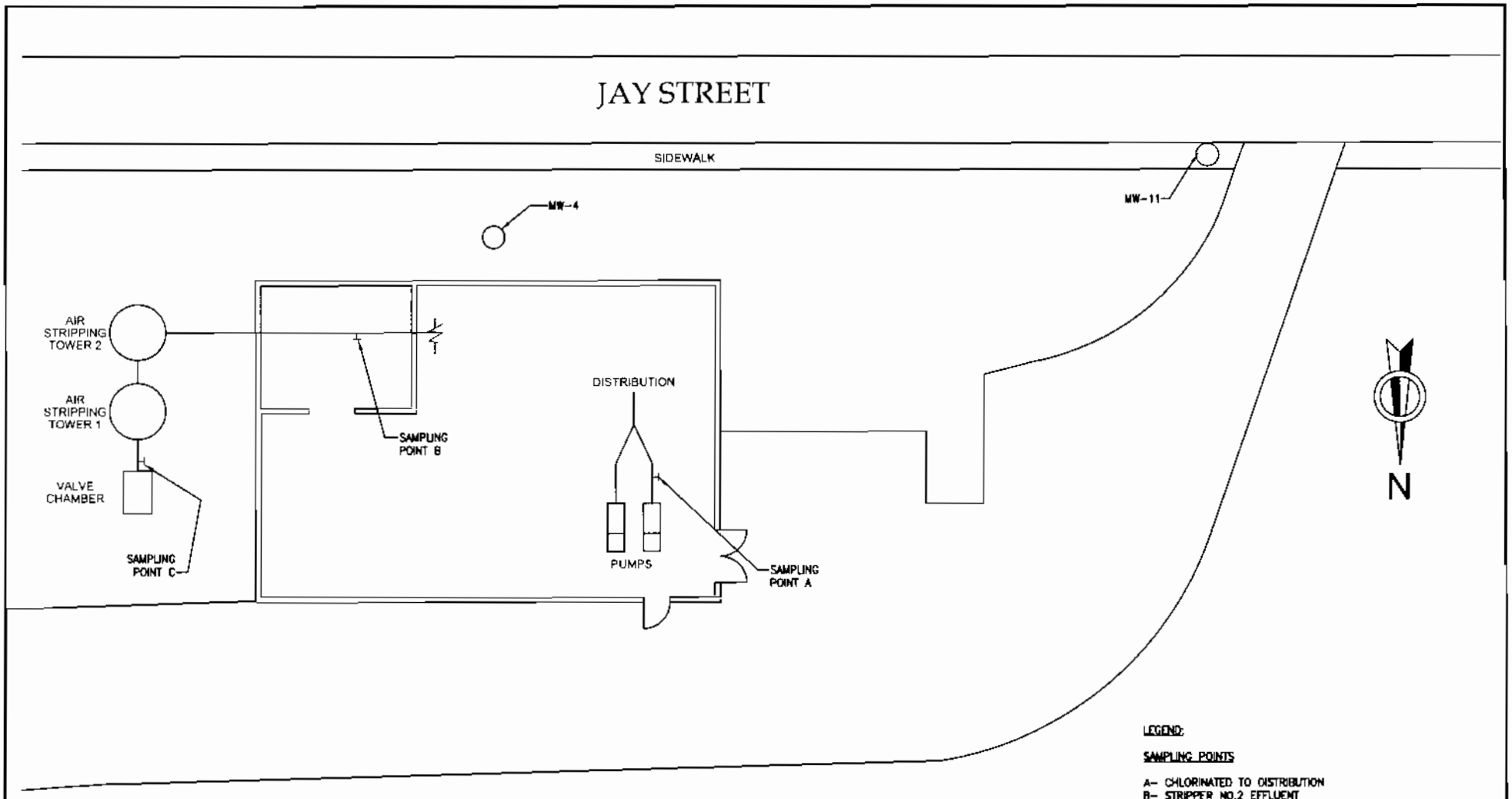
samples exhibited a detectable VOC concentration, the data is deemed usable as the minor concentration was not detected in the corresponding samples; therefore it is likely a laboratory introduced contaminant.

Refer to Table 1 for a summary of the groundwater analysis results for volatile organic compounds (VOCs). Table 1 reflects the detectable concentration values which have been qualified as a result of data validation. Refer to Appendix A for the data validation report which details any variations of the detectable concentration values discussed above.

The PCE concentration in the Influent (raw water) has decreased relative to the last sampling event (see Figure 2). To date, the PCE level in the raw water samples is not of significant concern, since the treated water and distribution water samples continue to exhibit non-detectable or insignificant concentrations of PCE. However, changes in PCE levels will continue to be closely monitored.

Table 1 - SUMMARY OF QUARTERLY VOC RESULTS KATONAH MUNICIPAL WELL								
Date Collected	9/10/2008							
Sample Location	Raw Water (Influent)	RW DUP	STEFF (Treated Water)	DIST (Distribution Water)	W4 (Well 4)	W11 (Well 11)	FB (Field Blank)	NYSDOH\ USEPA Standard
Volatile Organic Compounds (ppb)								
Tetrachloroethylene (127-18-4)	15.3	19.7	ND	ND	0.55	0.42 J	ND	5/1*
Trichloroethylene (79-01-6)	0.42 J	0.50	ND	ND	ND	ND	ND	5
cis-1,2-Dichloroethylene (156-59-2)	0.37 J	0.42 J	ND	ND	0.51	ND	ND	5
Methylene Chloride (75-09-2)	ND	ND	ND	ND	ND	ND	0.93	5
Bromoform (75-25-2)	ND	ND	ND	4.0	ND	ND	ND	50
Dibromochloromethane (124-48-1)	ND	ND	ND	3.9	ND	ND	ND	50
Bromodichloromethane (75-27-4)	ND	ND	ND	1.6	ND	ND	ND	50

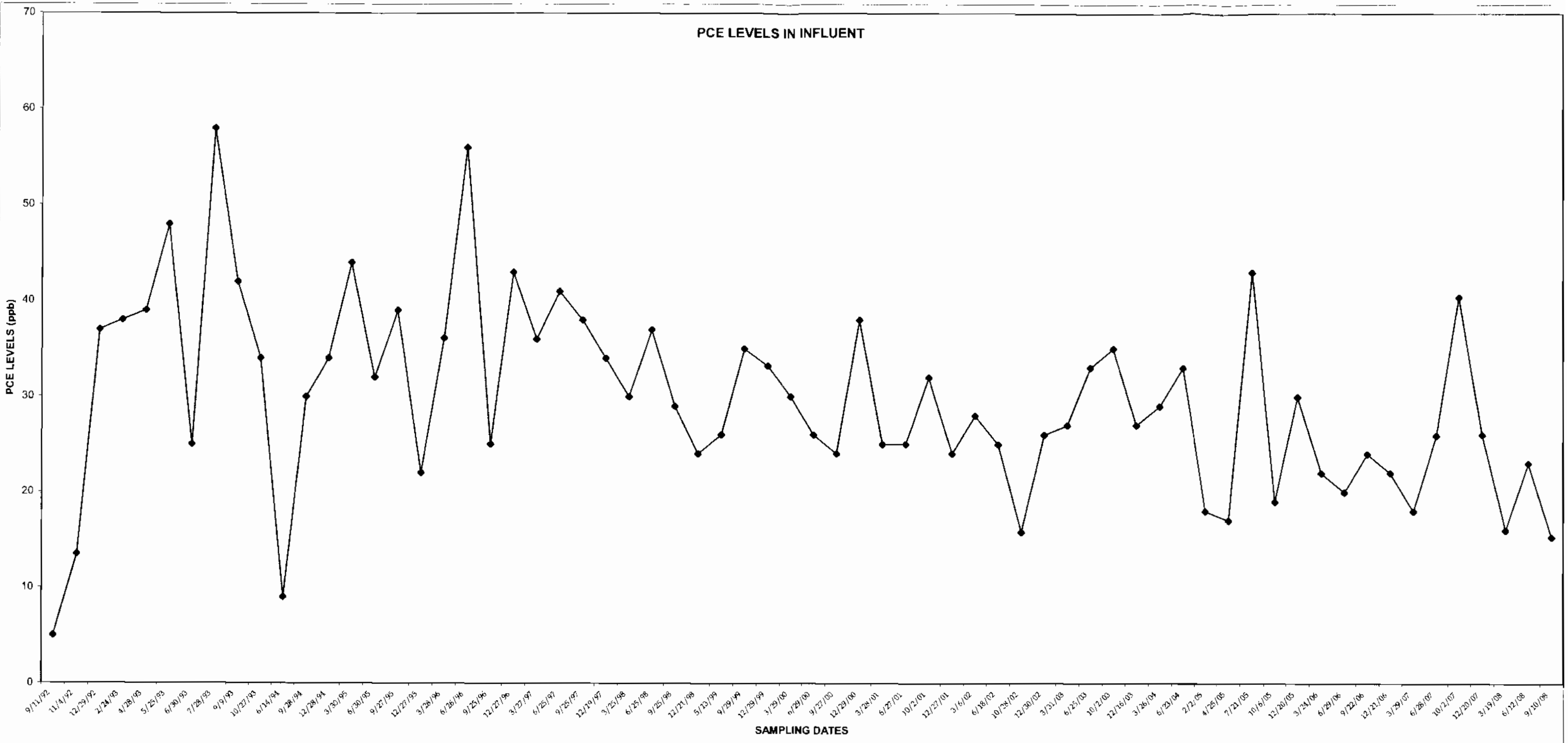
* 1 ppb is the USEPA cleanup standard for the site
1 - Determined undetect following data validation
Level exceeds the USEPA/NYSDOH standard
U Denotes detection limit/not detected
J Denotes an estimated value
N Presumptive evidence of a compound
R Determined unusable following data validation
NS No standard
B Denotes Detection in the Field Blank as well
ND No Detectable Concentration
NR Denotes sample not analyzed for this compound



PEM ENVIRONMENTAL PLANNING & MANAGEMENT, INC
1983 MARCUS AVENUE
SUITE 109
LAKE SUCCESS, NEW YORK 11042

DRAWN BY: AMR	DATE:	CLIENT: KATONAH MUNICIPAL WATER SYSTEM	TITLE: SIMPLIFIED SAMPLING LOCATION SCHEMATIC
CHECKED BY: FP	FILENAME: KATONAH		PROJECT LOCATION: KATONAH MUNICIPAL WATER SYSTEM KATONAH, NEW YORK
APPR'VD BY: ASG	SCALE: NOT TO SCALE		FIG. 1
PATH: C:\AMR\BEDFORD\KATONAH\22001DWGS			SHEET 1 OF 1

Figure 2


PCE LEVELS IN INFLUENT
PCE LEVELS (ppb)
70
60
50
40
30
20
10
0
9/11/92
11/4/92
12/29/92
2/24/93
4/28/93
5/25/93
6/30/93
7/28/93
9/9/93
10/27/93
6/14/94
9/28/94
12/28/94
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6/23/04
2/12/05
4/25/05
7/21/05
10/5/05
12/20/05
3/24/06
6/29/06
9/22/06
12/21/06
3/29/07
6/28/07
10/2/07
12/20/07
3/19/08
6/12/08
9/10/08
SAMPLING DATES

4.0 FUTURE ACTIONS

Water quality monitoring will continue to be conducted quarterly at the treatment system influent, stripper number two effluent, and distribution entry point. Groundwater monitoring well samples will be collected bi-annually.

The next sampling event, the end of the third quarterly event for year seventeen, is tentatively scheduled for the end of December 2008.

APPENDIX A

Katonah Municipal Well Site
Data Validation
Groundwater Quality Monitoring
Quarterly Report – October 28, 2008

Samples Collected by Environmental Planning & Management, Inc.
Samples Analyzed by Premier Laboratory Inc.,

Data Validation Performed by:

C.T. Male Associates, PC.
50 Century Hill Drive,
Latham, New York 12110-0727

Megan Drosky
Environmental Scientist

APPENDIX B
LABORATORY ANALYSIS SUMMARY REPORT

APPENDIX A

Katonah Municipal Well Site
Data Validation
Groundwater Quality Monitoring
Quarterly Report – October 28, 2008

Samples Collected by Environmental Planning & Management, Inc.
Samples Analyzed by Premier Laboratory Inc.,

Data Validation Performed by:

C.T. Male Associates, PC.
50 Century Hill Drive,
Latham, New York 12110-0727

Megan Drosky
Environmental Scientist

C.T. MALE ASSOCIATES, P.C.

50 Century Hill Drive, P.O. Box 727, Latham, New York 12110-0727
518.786.7400 FAX 518.786.7299 ctmale@ctmale.com

October 28, 2008

Mr. Darren Frank
Environmental Planning & Management, Inc.
1983 Mareus Ave. Suite 109
Lake Success, New York 11042

Re: Data Validation – Katonah – 3rd Quarter 2008 Water Sampling
C.T. Male Project No.:07.7690

Dear Mr. Frank:

This Data Validation Summary Report for organic analysis was generated for the samples collected in association with the field investigation for the Katonah 3rd Quarter 2008 Water Sampling. Five (5) water samples were collected on September 10, 2008. The samples were submitted, along with a field duplicate, a matrix spike (MS) sample, a MS duplicate (MSD) sample, a field blank and a trip blank to Aceutest Laboratories (Accutest) in Dayton, New Jersey for volatile organic analysis (VOA) by the United States Environmental Proteetion Ageney (USEPA) Method 524.2 by Gas Chromatography / Mass Speetrometry (GC/MS).

C. T. Male Associates, P. C. evaluated the data reported by the laboratory to determine data usability and deviations in aecordance with the *USEPA Region II Standard Operation Procedure for the Validation of Organic Data Acquired Using Method 524.2* (October 2001); with guidance from the *USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review* (Octoher 1999); and the appropriate method from the *New York State Department of Environmental Conservation (NYSDEC) Analytical Service Protocols (ASP)*, where applicable. The followiug criteria were reviewed:

- Completeness of data package as defined under the requirements for the NYSDEC ASP Category B or USEPA CLP deliverables;
- Holding time eompliauce for chemical analysis;
- Protoeol required limits and specification compliance for quality control (QC) data (e.g., instrument tuning, calibration standards, blank results, spike results, duplicate results, etc);
- Contract compliance for analytical protoeols;
- Omissions and transcription errors; and
- Data qualification.

1.0 Data Completeness

Documentation required by the project was ineluded in the data package. There were no discrepancies found between the raw data and summary forms. The laboratory Case Narrative (Attachment A) identified deviations from laboratory analytical specifieations. QC exceedences aud data qualifieation recommendations are presented in the Data Evaluation Checklist (Attachment B).

Qualified sample results are presented in the laboratory summary forms, which are located in Attachment C. QC exceedences and data qualification recommendations are summarized below.

2.0 Sample Condition upon Receipt

Accutest received all the samples listed on the chain of custody (COC) records intact and in good condition. The temperature of samples was within laboratory specification limits of 2 to 6°C upon receipt.

3.0 VOA by USEPA Method 524.2 GC/MS

3.1 Holding Times

The project samples were analyzed within the acceptable NYSDEC ASP holding time of 10 days from Verified Time of Sample Receipt (VTSR) for the preserved water samples.

3.2 GC/MS Instrument Performance Check and Calibration

All samples were analyzed within 12 hours of the performance check standard, BFB. Percent relative abundance of all ions met the criteria specified in Table 3 of the USEPA Method 524.2. Laboratory specifications were met during the initial and continuing calibrations associated with the project samples. In addition the average relative response factor (RRF) was greater than or equal to 0.05 for target analytes during the initial and continuing calibrations, except the RRF results were below 0.05 during the initial calibration associated with the project samples for acetone, 4-methyl-2-pentanone and 2-hexanone, and during the continuing calibrations associated with the project samples for 4-methyl-2-pentanone and 2-hexanone. The associated results have been qualified as estimated (J/UJ) due to poor correlation in the calibration standards. The percent relative standard deviation (%RSD) between RRF was less than or equal to 30% during the initial calibration, and the percent difference (%D) between the initial calibration average RRF and continuing calibration RRF was less than or equal to 25% for target analytes.

3.3 Surrogate Recovery and Internal Standards

Surrogate recovery and internal standard results met laboratory specifications for project samples.

3.4 Laboratory Control Sample (LCS)

The percent recovery (%R) results for LCS analyses were within laboratory specifications for the target analytes.

3.5 Matrix Spike and Matrix Spike Duplicate (MS/MSD)

Criteria for accuracy and precision were met during the MS/MSD analysis of sample RW for target analytes.

3.6 Method Blanks, Field Blank and Trip Blank

A method blank was reported for each analytical batch. A field blank and a trip blank were submitted to the laboratory for VOA. Target analytes were not detected during the analysis of the method blank associated with the project samples. Acetone was deteeted during the analysis of the field blank (FB) and methylene ehloride was detected during the analyses of FB and the trip blank (TB). Aetion levels were developed by multiplying the highest coneentration observed among the associated blanks by a factor of 10 for these eommon laboratory eontaminates. These analytes were not detected in the assoeiated samples below the action levels.

3.7 Field Duplicates

A field duplicate evaluation was performed on samples DUP (blind field duplieate) and RW. Refer to Attachment B-1 for the duplicate evaluation. Methyl tert butyl ether and tetrachloroethylene results have been qualified as estimated (J/UJ) due to analytical impreeision.

Summary

Overall, data quality objeetives were met, as there were no data deficiencies that would indicate the need for re-sampling. All data reviewed is considered to be valid and usable with the appropriate qualifiers as noted in the data summary forms located in Attachment C. No analytieal data has been rejected.

If you have any questions please contact me at (518) 786-7400.

Sincerely,

C. T. MALE ASSOCIATES, P. C.

Megan Drosky

Megan Drosky
Environmental Scientist

Enelosures

ATTACHMENT A
Case Narrative

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Environmental Planning and Management	Job No	JA476
Site:	Katonah, Katonah, NY	Report Date	10/3/2008 9:00:04 AM

On 09/12/2008, 6 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 4.2 C. Samples were intact and properly preserved, unless noted below An Accutest Job Number of JA476 was assigned to the project Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section

Specified quality control criteria were achieved for this job except as noted below For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix: AQ Batch ID: V2B2159

- All samples were analyzed within the recommended method holding time
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA476-1MS, JA476-1MSD were used as the QC samples indicated.

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

ATTACHMENT B
Data Evaluation Checklist

Data Evaluation Checklist
Organic Analyses

Project: Environmental Planning and Management – Katonah
Job No : JA476
Laboratory: Accutest Laboratories – New Jersey

Reviewer: Megan Droskv

Project No: 07.7690
Method: USEPA 524.2 (VOA)
Associated Sample IDs: RW, DUP, DIST, STEFF, W4, W11, FB and TB
Sample Date: 09/10/08
Date: 10/28/08

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
1. Were holding times met?	✓			VOA: ≤10 days	
2. Were sample storage and preservation requirements met?	✓			4.2°C (2-6°C).	
3. Was a method blank analyzed with each batch?	✓			VOA: V2B2159-MB1	
4. Were target analytes reported in the method or calibration blanks above the Detection Limit?		✓			
5. Were target analytes reported in field blank analyses (e.g., trip, ~~ambient~~, field~~, or equipment~~) above the DL?	✓			FB • Acetone @ 4.4 µg/L • Methylene chloride @ 0.93 µg/L TB – • Methylene chloride @ 0.91 µg/L	
6. Were contaminants detected in samples below the blank contamination action level?		✓		VOA • Acetone @ 44 µg/L (4.4 x 10) • Methylene chloride @ 9.3 µg/L (0.93 x 10)	ND, U
7. Were initial and continuing calibration standards analyzed at the lab-specified frequency for each instrument?	✓			• VOA o Initial calibration: 09/16/08 o Continuing calibration: 09/18/08 @ 21:14	
8. Were these results within lab or project specifications?		✓		VOA – • Initial calibration of 09/16/08. The RF >0.05 and %RSD between response factors was less than 30% for all target analytes except acetone (0.016 RRF), 4-methyl-2-pentanone (0.034 RRF) and 2-hexanone (0.032 RRF). J/UJ • Continuing calibration of 09/18/08. The RF>0.05 and %D <25% for all target analytes except 4-methyl-2-pentanone (0.031 RRF) and 2-hexanone (0.027 RRF). J/UJ	J/UJ
9. Were the results of the ICS Check Standard analysis within 80-120% of the true value (metals only)?			✓		
10. Was a CRDL Standard analyzed for metals?			✓		

Data Evaluation Checklist (Continued)

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
11. Were recoveries within 70-130% of the true value during the CRDL analysis (CRA, CRI)?			✓		
12. Was a LCS analyzed with each batch?	✓			VOA: V2B2159-BS	
13. Were LCS' recoveries within lab specifications?	✓				
14. Were LCS/LCSD RPD within lab specifications?			✓	LCS only	
15. Was a MS/MSD pair analyzed with each batch?	✓			VOA: JA476-1 (RW)	
16. Is the MS/MSD parent sample a project-specific sample?	✓				
17. Were MS/MSD recoveries within lab specifications? *Only QC results for project samples are evaluated.*	✓				
18. Were MS/MSD RPD within lab specifications? *Only QC results for project samples are evaluated.*	✓				
19. Was a serial dilution conducted on each inorganic batch?			✓		
20. Is the serial dilution parent sample a project-specific sample?			✓		
21. Is the percent difference between the serially diluted result and undiluted result less than 10% (for those analytes with native concentrations greater than 50x the DL)? *Only QC results for project samples are evaluated.*			✓		
22. Was a laboratory duplicate analyzed with each batch?		✓			
23. Is the laboratory duplicate sample a project-specific sample?			✓		
24. Does laboratory duplicate results meet lab specifications? *Only QC results for project samples are evaluated.*			✓		
25. Were surrogate recoveries within lab specifications during organic analysis?	✓				
26. Were internal standard results within lab specifications during the VOA?	✓				
27. Were TIC reported and were reported results qualified as estimated concentrations?		✓			
28. Were field duplicate samples submitted to the laboratory for analysis?	✓			DUP is the field duplicate of RW.	
29. Was precision deemed acceptable as defined by DV Guidelines?		✓		Refer to Attachment B-1 for duplicate evaluation.	J/UJ

Data Evaluatiou Checklist (Continued)

Review Questions	Yes	No	N/A	Samples (Analytes) Affected/Comments	Flag
30. Were laboratory-generated Corrective Action Reports (i.e., QCER) issued? If yes, summarize contents or attach copy of the report.		✓			
31. Were lab comments included in report? If yes, summarize contents or attach a copy of the narrative.	✓			Refer to Case Narrative	

Comments:

The data review process was modeled after the Appendix 2B, Guidance for the Development of Data Usability Summary Reports, of *Draft DER-10 Technical Guidance for Site Investigation and Remediation* (NYSDEC, December 2002) with guidauce from the applicable Region 2 RCRA and CERCLA Field and Data Validation Standard Operating Proeedures and the *USEPA Contract Laboratory Program National Funetional Guidelines for Organic Data Review* (October 1999).

Key:

J Positive sample result is eonsidered estimated
R Unusable data
R+ Positive sample result is eonsidered unusable
U Not present above the assoeiated level; blank contamination exists
UJ Sample result is not detected and the detection limit is considered estimated
ND Sample result is not detected
N A "tentative identifieation" has been made of the presence of an analyte

Evaluation of Field Duplicate Results

ATTACHMENT B-1

Analyte	RW	DUP	MDL	MDLx5	*Criteria*	RPD	Absolute difference	Action
cis-1,2-Dichloroethylene	0.37	0.42	0.081	0.405	*Abs Diff*	13	0.05	None, absolute difference <MDL
MTBE	0.073		0.065	0.325		200	0.073	J/UJ
Tetrachloroethylene	15.3	19.7	0.17	0.85	*RPD*	25	4.4	J, RPD >20%
Trichloroethylene	0.42	0.5	0.29	1.45	*Abs Diff*	17	0.08	None, absolute difference <MDL

Note: If the analyte was not detected, then the cell is left blank.

RPD - Relative percent difference

*Results are reported in ug/L

Precision is based on either the absolute difference between sample results or RPD. If the sample results are less than or equal to 5x's the MDL, then precision is based on the absolute difference between duplicate results. If sample results >5x's MDL, then precision is evaluated using RPD. J sample results whenever the absolute difference is greater than MDL or RPD >20%. If the analyte is detected in one sample but not the other, then J/UJ sample results. Above table presents results for detected analytes only. Blank cells indicates that the analyte was not detected.

ATTACHMENT C
Qualified Sample Results

Raw Data: **2B49078.D**

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	JA476-1	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49078.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	J
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ug/l	
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	JA476-1	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.37	70	0.50	0.081	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.073		0.50	0.065	ug/l	J
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethaue	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobeuzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzeue	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethyleue	15.3	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	0.42	5.0	0.50	0.29	ug/l	J
75-69-4	Trichlorofluoromethaue	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xyleue	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		74-123%
460-00-4	4-Bromofluorobenzene	93%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blauk
N = Indicates presumptive evidence of a compound

Raw Data: **2B49067.D**

Accutest Laboratories

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	JA476-2	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49067.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ug/l	
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotolnene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	JA476-2	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethyleue	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbeuzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethaue	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ng/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzeue	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ng/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ng/l	
108-67-8	1,3,5-Trimethylbeuzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ng/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorohenzene-d4	92%		74-123%
460-00-4	4-Bromufluorobenzene	92%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contaminatiou Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Iudicates aualyte found in associated method blauk
N = Indicates presumptive evidence of a compound

Raw Data: 2B49068.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	DIST		
Lab Sample ID:	JA476-3	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49068.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	1.6		0.50	0.091	ug/l	
75-25-2	Bromoform	4.0		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Bntylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ng/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	0.39		0.50	0.068	ug/l	J
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotolnene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	3.9		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ng/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ng/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DIST		
Lab Sample ID:	JA476-3	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ng/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ng/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ng/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethaue	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzeue	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	91%		74-123%
460-00-4	4-Bromofluorobenzene	94%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: 2B49069.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	JA476-4	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49069.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Beuzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ug/l	
74-87-3	Chloromethane	ND		0.50	0.13	ng/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotolnene	ND		0.50	0.089	ug/l	
56-23-5	Carbou tetrachloride	ND	5.0	0.50	0.21	ng/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropaue	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ng/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ng/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ng/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	JA476-4	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.42	70	0.50	0.081	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Bntyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ng/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ng/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	19.7	5.0	0.50	0.17	ug/l	
108-88-3	Tolnene	ND	1000	0.50	0.041	ng/l	
79-01-6	Trichloroethylene	0.50	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ng/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	93%		74-123%
460-00-4	4-Bromofluorobenzene	94%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: 2B49070.D

Accutest Laboratories

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	JA476-5	Date Sampled:	09/10/08
Matrix:	AQ - Ground Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49070.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibratinn range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	JA476-5	Date Sampled:	09/10/08
Matrix:	AQ - Ground Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.51	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ng/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	UCJ
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	UCJ
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	0.55	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ng/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ng/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		74-123%
460-00-4	4-Bromofluorobenzene	93%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: **2B49071.D**

Accutest Laboratories

Report of Analysis

Client Sample ID:	W11		
Lab Sample ID:	JA476-6	Date Sampled:	09/10/08
Matrix:	AQ - Ground Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49071.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbeuzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotolnene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ng/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ng/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromuchloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlurodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W11		
Lab Sample ID:	JA476-6	Date Sampled:	09/10/08
Matrix:	AQ - Ground Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	[illegible]
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	[illegible]
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	0.42	0.50	0.17	ug/l	J
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	94%		74-123%
460-00-4	4-Bromofluorobenzene	96%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Raw Data: **2B49072.D**

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	JA476-7	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water FB	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49072.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	4.4		5.0	1.3	ug/l	J
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ug/l	
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	JA476-7	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water FB	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorohenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	0.93	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	91%		74-123%
460-00-4	4-Bromofluorobenzene	94%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA476-8	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water TB	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49073.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	UJ
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ug/l	
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contaminatiou Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA476-8	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water TB	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katouah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobeuzeue	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropeue	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	U-5
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	0.91	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	U-5
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	92%		74-123%
460-00-4	4-Bromofluorobenzene	93%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contaminatiun Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presnmptive evidence of a compound

APPENDIX B
LABORATORY ANALYSIS SUMMARY REPORT

New Jersey ACCUTEST

10/03/08

Technical Report for

Environmental Planning and Management

Katonah, Katonah, NY

28001 Q308

Accutest Job Number: JA476

Sampling Date: 09/10/08

Report to:

EPM
1983 Marcus Aveuue
Suite 109
Lake Success, NY 11042

ATTN: Darren Frank

Total number of pages in report: **146**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Vincent J. Pugliese
President

ACCUTEST LABORATORIES 50 YEARS 1956-2006

Client Service contact: Tony Esposito 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, DE, FL, IL, IN, KS, KY, LA, MA, MD, MI, MT, NC, PA, RI, SC, TN, VA, WV

Sections: 1 2 3 4 5 6

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Accutest Laboratories

Sample Summary

Environmental Planning and Management

Job No: JA476

Katonah, Katonah, NY
Project No: 28001 Q308

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JA476-1	09/10/08	11:55	SC	09/12/08	DW	Drinking Water	RW
JA476-1D	09/10/08	12:00	SC	09/12/08	DW	Drinking Water Dup.	RW MSD
JA476-1S	09/10/08	12:00	SC	09/12/08	DW	Driuking Water MS	RW MS
JA476-2	09/10/08	12:10	SC	09/12/08	DW	Drinking Water	STEFF
JA476-3	09/10/08	12:20	SC	09/12/08	DW	Drinking Water	DIST
JA476-4	09/10/08	00:00	SC	09/12/08	DW	Drinking Water	DUP
JA476-5	09/10/08	12:25	SC	09/12/08	AQ	Ground Water	W4
JA476-6	09/10/08	12:40	SC	09/12/08	AQ	Ground Water	W11
JA476-7	09/10/08	12:50	SC	09/12/08	DW	Drinking Water FB	FB
JA476-8	09/10/08	12:50	SC	09/12/08	DW	Drinking Water TB	TB

ACCUTEST Laboratories

2

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	Environmental Planning and Management	**Job No**	JA476
Site:	Katonah, Katonah, NY	**Report Date**	10/3/2008 9:00:04 AM

On 09/12/2008, 6 Sample(s), 1 Trip Blank(s) and 1 Field Blank(s) were received at Accutest Laboratories at a temperature of 4.2 C. Samples were intact and properly preserved, unless noted below. An Accutest Job Number of JA476 was assigned to the project. Laboratory sample ID, client sample ID and dates of sample collection are detailed in the report's Results Summary Section.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method EPA 524.2 REV 4.1

Matrix: AQ	Batch ID: V2B2159

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) JA476-1MS, JA476-1MSD were used as the QC samples indicated

Accutest certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting Accutest's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and imprecision for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

Accutest Laboratories is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. Data release is authorized by Accutest Laboratories indicated via signature on the report cover

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	JA476-1	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49078.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbeuzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzeue	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ug/l	
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ng/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ng/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	RW		
Lab Sample ID:	JA476-1	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethyleue	0.37	70	0.50	0.081	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltolnene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	0.073		0.50	0.065	ug/l	J
108-10-1	4-Methyl-2-pentauone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	u-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroetbane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroetbane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethyleue	15.3	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	0.42	5.0	0.50	0.29	ug/l	J
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Viuyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzeue-d4	95%		74-123%
460-00-4	4-Bromofluorobenzeue	93%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contaminatiou Level (40 CFR 141)
E = Indicates value exceeds calibration rauge
J = Indicates an estimated value
B = Indicates analyte found in associated method blauk
N = Indicates presumptive evideuce of a compouud

Accutest Laboratories

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	JA476-2	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49067.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ng/l	
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ng/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STEFF		
Lab Sample ID:	JA476-2	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katouah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobeuzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobeuzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobeuzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethyleue	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethyleue	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ng/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanoue	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methyleue chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ng/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethaue	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzeue	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ng/l	
108-67-8	1,3,5-Trimethylbeuzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ug/l	
108-88-3	Tolueue	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ug/l	
75-69-4	Trichloroflnoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl cbloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xyleues (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	92%		74-123%
460-00-4	4-Bromofluorobenzeue	92%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates valne exceeds calibration rauge
J = Iudicates an estimated value
B = Iudicates analyte found in associated method blank
N = Iudicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	DIST		
Lab Sample ID:	JA476-3	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49068.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	1.6		0.50	0.091	ug/l	
75-25-2	Bromoform	4.0		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	0.39		0.50	0.068	ug/l	J
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	3.9		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DIST		
Lab Sample ID:	JA476-3	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	91%		74-123%
460-00-4	4-Bromofluorobenzene	94%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	JA476-4	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49069.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	ND		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ug/l	
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP		
Lab Sample ID:	JA476-4	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.42	70	0.50	0.081	ug/l	J
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	19.7	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	0.50	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	93%		74-123%
460-00-4	4-Bromofluorobenzene	94%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	JA476-5	Date Sampled:	09/10/08
Matrix:	AQ - Ground Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49070.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ng/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlurotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroetbylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ng/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ng/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W4		
Lab Sample ID:	JA476-5	Date Sampled:	09/10/08
Matrix:	AQ - Ground Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	0.51	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobeuzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	0.55	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	95%		74-123%
460-00-4	4-Bromofluorobenzene	93%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	W11		
Lab Sample ID:	JA476-6	Date Sampled:	09/10/08
Matrix:	AQ - Ground Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49071.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	W11		
Lab Sample ID:	JA476-6	Date Sampled:	09/10/08
Matrix:	AQ - Ground Water	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzeue	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ng/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ng/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltolueue	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Bntyl Ether	ND	0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanoue	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethaue	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethaue	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethaue	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobeuzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethyleue	0.42	0.50	0.17	ug/l	J
108-88-3	Toluene	ND	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Tricblorofluoromethaue	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xyleue	ND	1.0	0.21	ug/l	
95-47-6	o-Xyleue	ND	0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzeue-d4	94%		74-123%
460-00-4	4-Bromofluorobeuzene	96%		71-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	JA476-7	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water FB	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Rnn #1	2B49072.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetone	4.4		5.0	1.3	ug/l	J
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Benzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ug/l	
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	FB		
Lab Sample ID:	JA476-7	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water FB	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	0.93	5.0	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-pentanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ng/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xylene	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	91%		74-123%
460-00-4	4-Bromofluorobenzene	94%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA476-8	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water TB	Date Received:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katouah, Katonah, NY		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	2B49073.D	1	09/19/08	MFH	n/a	n/a	V2B2159
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
67-64-1	Acetoue	ND		5.0	1.3	ug/l	
78-93-3	2-Butanone	ND		5.0	1.2	ug/l	
71-43-2	Beuzene	ND	5.0	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND		0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND		0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND		0.50	0.091	ug/l	
75-25-2	Bromoform	ND		0.50	0.18	ug/l	
74-83-9	Bromomethane	ND		0.50	0.38	ug/l	
104-51-8	n-Butylbenzeue	ND		0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND		0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND		0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND		0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	100	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND		0.50	0.24	ug/l	
67-66-3	Chloroform	ND		0.50	0.068	ug/l	
74-87-3	Chloromethane	ND		0.50	0.13	ug/l	
95-49-8	o-Chlorotolueue	ND		0.50	0.088	ug/l	
106-43-4	p-Chlorotolueue	ND		0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND		0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	7.0	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropeue	ND		0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.20	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.050	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND		0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND		0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND		0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND		0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND		1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND		0.50	0.084	ug/l	

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Iudicates analyte found in associated method blank
N = Iudicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TB		
Lab Sample ID:	JA476-8	Date Sampled:	09/10/08
Matrix:	DW - Drinking Water TB	Date Reeeived:	09/12/08
Method:	EPA 524.2 REV 4.1	Percent Solids:	n/a
Project:	Katonah, Katonah, NY		

VOA List

CAS No.	Compound	Result	MCL	RL	MDL	Units	Q
541-73-1	m-Dichlorobenzene	ND		0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	600	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	75	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	100	0.50	0.11	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	70	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND		0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	700	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND		2.0	0.19	ug/l	
110-54-3	Hexane	ND		0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND		2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND		0.50	0.40	ug/l	
99-87-6	p-Isopropyltnluene	ND		0.50	0.40	ug/l	
75-09-2	Methylene chloride	0.91	5.0	0.50	0.15	ng/l	
1634-04-4	Methyl Tert Butyl Ether	ND		0.50	0.065	ug/l	
108-10-1	4-Methyl-2-peutanone	ND		2.0	0.45	ug/l	
91-20-3	Naphthalene	ND		0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND		0.50	0.073	ug/l	
100-42-5	Styrene	ND	100	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND		0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	200	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND		0.50	0.083	ug/l	
79-00-5	1,1,2-Trichlornethane	ND	5.0	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND		0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND		0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	70	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND		0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND		0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	5.0	0.50	0.17	ug/l	
108-88-3	Toluene	ND	1000	0.50	0.041	ug/l	
79-01-6	Trichloroethylene	ND	5.0	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND		1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	2.0	0.50	0.24	ug/l	
	m,p-Xyleue	ND		1.0	0.21	ug/l	
95-47-6	o-Xylene	ND		0.50	0.066	ug/l	
1330-20-7	Xylenes (total)	ND	10000	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
2199-69-1	1,2-Dichlorobenzene-d4	92%		74-123%
460-00-4	4-Bromofluorobenzene	93%		71-123%

ND = Not detected MDL - Method Detection Limit
MCL = Maximum Contamination Level (40 CFR 141)
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evideuce of a compound

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody
- Sample Tracking Chronicle
- Internal Chain of Custody
- 2007 MDL Study - Method: EPA 524.2 REV 4.1

ACCUTEST Laboratories

DW
GW
FB
TB

CHAIN OF CUSTODY

2235 Route 130, Dayton NJ 08810
TEL 732-329-0100 FAX 732-329-3499/3480
www.accutest.com

FED-EX Tracking #:
Bottle Order Control #: TE 9/2/2008-6
Accutest Quote #:
Accutest Job #: JA476

Client / Reporting Information

Company Name: Environmental Planning & Management
Address: 1983 Marcus Ave. Suite 109
City: L. Success State: NY Zip: 11042
Project Contact: Darren Frank E-mail: dfrank@epmco.com
Phone #: 516-328-1194
Sampler's Name: S. Cherepany

Project Information

Project Name: Katonah Q308
Street: —
City: Katonah State: NY
Project #: 28001
Fax #: 516-328-1381
Client Purchase Order #: TE 9/2/2008-6

Accutest Sample #	Field ID / Point of Collection	SUMMA # / MEOH Vial #	Date	Time	Sampled By	Matrix	# of bottles	Preserved bottles (HCl)	VOC 524.2	LAB USE ONLY
	RW		9/10/08	11:55	SC	DW	3	3	X	
-1	RW/MS MSD			12:00		DW	3	3	X	2135
-2	STEFF			12:10		DW	3	3	X	
-3	DIST			12:20		DW	3	3	X	
-4	DUP			—		DW	3	3	X	
-5	W4			12:35		GW	3	3	X	
-6	W11			12:40		GW	3	3	X	
-7	FB			12:50		W	2	2	X	
-8	TB			6:30		W	2	2	X	

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL - Sludge; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe

Turnaround Time (Business Days)

- [x] Std. 15 Business Days
- [ ] 10 Day RUSH
- [ ] 5 Day RUSH
- [ ] 3 Day EMERGENCY
- [ ] 2 Day EMERGENCY
- [ ] 1 Day EMERGENCY
- [ ] Other

Approved By / Date:

Emergency & Rush T/A data available VIA LabLink

Data Deliverable Information

- [ ] Commercial "A"
- [ ] Commercial "B"
- [ ] NJ Reduced
- [ ] NJ Full
- [ ] Other
- [ ] FULL CLP
- [ ] NYASP Category A
- [x] NYASP Category B
- [ ] State Forms
- [ ] EDD Format

Commercial "A" = Results Only

Comments / Remarks

*Observe NYASP holding time 7days to analyze
• TO FILL 9/2/08 630 9-12-08 AM 1650
*NYASP Cat B Full Deliverable

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler	Date Time	Received By	Relinquished By	Date Time	Received By
1 S. Cherepany	9/11/08 530	1 Fed Ex	2 FEDEX	9/11/08 935	2 [signature]
Relinquished by: 3	Date Time	Received By: 3	Relinquished By: 4	Date Time	Received By: 4
Relinquished by: 5	Date Time	Received By: 5	Custody Seal #	Preserved where applicable	On Ice ✓ Cooler Temp 4.2

JA476: Chain of Custody
Page 1 of 2

4.1
4

ACCUTEST

Sample Log-In Summary

JA476 COC NOTES

Lab Name: ACCUTEST   Page 1 of 1

Received by (Print Name): M. COTERA   Log-in Date: 9/12/08

Received by (Signature): [illegible]

Case Number: N/A

SDG Number:

SAS Number: N/A

REMARKS.		NYSDEC SAMPLE #	CORRESPONDING SAMPLE TAG #	ASSIGNED LAB #	REMARKS. CONDITION OF SAMPLE SHIPMENT, ETC.
1. Custody Seal(s)	Present/Absent* (Absent circled)	N/A		JA476-	1 ms/msd
	Intact/Broken	N/A			2
2. Custody Seal Numbers:	NONE	N/A			3
		N/A		-	4
3. Chain-of-Custody Records	Present/Absent* (Present circled)	N/A		-	5
		N/A		-	6
4. Contract Lab Sample Inform. Sheet (CLSIS)	Present/Absent* NA	N/A		-	7 FB
		N/A		-	8 TB
		N/A			
5. Airbill	Airbill/Sticker (Sticker circled) Present/Absent*	N/A			
		N/A			
6. Airbill No.:	ILLEGIBLE	N/A			
		N/A			
7. Sample Tags Sample Tag Nos.	Present/Absent* N/A Listed/Not Listed on Chain-of-Custody NA	N/A			
		N/A			
		N/A			
8. Sample Condition	Intact/Broken*/Leaking (Intact circled)	N/A			
		N/A			
9. Does Information on custody rec., CLSIS, & sample tags agree	COC + LABELS AGREE Yes/No* (Yes circled)	N/A			
		N/A			
		N/A			
		N/A			
10. Date received at Lab:	9/12/08	N/A			
		N/A			
11. Time Received:		N/A			
12. Do aqueous VOC vials have headspace?	Yes/No* (No circled)				
13. Are preserved voc soil samples fully immersed in preservative?	Yes/No* N/A (N/A circled)	N/A			
	Sample Transfer				
Fraction:	See Internal				
Area #:					
By:	Chain of Custody				
On:					

* Contract BTSR and attach record of resolution

Reviewed By:

Date:

Logbook No.: N/A

Logbook Page No.: N/A

Form: SM10-02

Rev. Date: 8/21/03

JA476 Chain of Custody

Page 2 of 2

Internal Sample Tracking Chronicle

Environmental Planning and Management

Job No: JA476

Katonah, Katonah, NY
Project No: 28001 Q308

Sample Number	Method	Analyzed	By	Prepped	By	Test Codes
JA476-1 RW	Collected: 10-SEP-08 11:55	By: SC	Received: 12-SEP-08		By: MPC	
JA476-1	EPA 524.2 REV 4.1	19-SEP-08 07:25	MFH			V524STD
JA476-2 STEFF	Collected: 10-SEP-08 12:10	By: SC	Received: 12-SEP-08		By: MPC	
JA476-2	EPA 524.2 REV 4.1	19-SEP-08 00:53	MFH			V524STD
JA476-3 DIST	Collected: 10-SEP-08 12:20	By: SC	Received: 12-SEP-08		By: MPC	
JA476-3	EPA 524.2 REV 4.1	19-SEP-08 01:24	MFH			V524STD
JA476-4 DUP	Collected: 10-SEP-08 00:00	By: SC	Received: 12-SEP-08		By: MPC	
JA476-4	EPA 524.2 REV 4.1	19-SEP-08 01:55	MFH			V524STD
JA476-5 W4	Collected: 10-SEP-08 12:25	By: SC	Received: 12-SEP-08		By: MPC	
JA476-5	EPA 524.2 REV 4.1	19-SEP-08 02:51	MFH			V524STD
JA476-6 W11	Collected: 10-SEP-08 12:40	By: SC	Received: 12-SEP-08		By: MPC	
JA476-6	EPA 524.2 REV 4.1	19-SEP-08 03:22	MFH			V524STD
JA476-7 FB	Collected: 10-SEP-08 12:50	By: SC	Received: 12-SEP-08		By: MPC	
JA476-7	EPA 524.2 REV 4.1	19-SEP-08 03:53	MFH			V524STD
JA476-8 TB	Collected: 10-SEP-08 12:50	By: SC	Received: 12-SEP-08		By: MPC	
JA476-8	EPA 524.2 REV 4.1	19-SEP-08 04:25	MFH			V524STD

Accutest Internal Chain of Custody

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY
Received: 09/12/08

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA476-1.1	Secured Storage	MoHui Hnang	09/18/08 17:05	Retrieve from Storage
JA476-1.1	MoHui Huang	GCMS2B	09/18/08 17:05	Load on Instrumeut
JA476-1.1	GCMS2B	MoHni Huang	09/19/08 09:38	Unload from Instrument
JA476-1.1	MoHui Huang	Secured Storage	09/19/08 09:39	Return to Storage
JA476-1.2	Secured Storage	MoHui Huang	09/18/08 17:05	Retrieve from Storage
JA476-1.2	MoHui Huaug	GCMS2B	09/18/08 17:05	Load on Instrument
JA476-1.2	GCMS2B	MoHui Huang	09/19/08 09:38	Uuload from Instrumeut
JA476-1.2	MoHui Huang	Secured Storage	09/19/08 09:39	Reinru to Storage
JA476-1.3	Secured Storage	MoHui Huang	09/18/08 17:05	Retrieve from Storage
JA476-1.3	MoHui Huang	GCMS2B	09/18/08 17:05	Load on Instrument
JA476-1.3	GCMS2B	MoHui Huang	09/19/08 09:38	Unload from Instrumeut
JA476-1.3	MoHui Huang	Secured Storage	09/19/08 09:39	Retnrn to Storage
JA476-2.1	Secured Storage	MoHui Huang	09/18/08 17:05	Retrieve from Storage
JA476-2.1	MoHui Huang	GCMS2B	09/18/08 17:05	Load on Instrument
JA476-2.1	GCMS2B	MoHui Huang	09/19/08 09:38	Uuload from Iustrument
JA476-2.1	MoHui Huang	Secured Storage	09/19/08 09:39	Return to Storage
JA476-3.1	Secured Storage	MoHui Huang	09/18/08 17:05	Retrieve from Storage
JA476-3.1	MoHui Huang	GCMS2B	09/18/08 17:05	Load on Instrument
JA476-3.1	GCMS2B	MoHni Huang	09/19/08 09:38	Unload from Instrument
JA476-3.1	MoHui Huang	Secured Storage	09/19/08 09:39	Return to Storage
JA476-4.1	Secured Storage	MoHui Huang	09/18/08 17:05	Retrieve from Storage
JA476-4.1	MoHui Huang	GCMS2B	09/18/08 17:05	Load on Instrument
JA476-4.1	GCMS2B	MoHui Hnang	09/19/08 09:38	Unload from Instrument
JA476-4.1	MoHni Huang	Secnred Storage	09/19/08 09:39	Return to Storage
JA476-5.1	Secured Storage	MoHui Huang	09/18/08 17:05	Retrieve from Storage
JA476-5.1	MoHui Hnang	GCMS2B	09/18/08 17:05	Load on Instrument
JA476-5.1	GCMS2B	MoHui Huang	09/19/08 09:38	Unload from Instrument
JA476-5.1	MoHni Huang	Secured Storage	09/19/08 09:39	Return to Storage
JA476-6.1	Secured Storage	MoHui Huang	09/18/08 17:05	Retrieve from Storage
JA476-6.1	MoHui Huang	GCMS2B	09/18/08 17:05	Load on Instrument
JA476-6.1	GCMS2B	MoHui Huang	09/19/08 09:38	Unload from Instrument
JA476-6.1	MoHui Huaug	Secured Storage	09/19/08 09:39	Return to Storage
JA476-7.1	Secured Storage	MoHui Hnang	09/18/08 17:05	Retrieve from Storage
JA476-7.1	MoHui Huang	GCMS2B	09/18/08 17:05	Load on Instrument
JA476-7.1	GCMS2B	MoHni Huang	09/19/08 09:38	Unload from Instrument
JA476-7.1	MoHui Huang	Secured Storage	09/19/08 09:39	Return to Storage

Accutest Internal Chain of Custody

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY
Received: 09/12/08

Sample.Bottle Number	Transfer FROM	Transfer TO	Date/Time	Reason
JA476-8.1	Secnred Storage	MoHui Huang	09/18/08 17:05	Retrieve from Storage
JA476-8.1	MoHui Huang	GCMS2B	09/18/08 17:05	Load on Instrument
JA476-8.1	GCMS2B	MoHui Huang	09/19/08 09:38	Unload from Instrument
JA476-8.1	MoHui Huang	Secured Storage	09/19/08 09:39	Return to Storage

Acculest Laboratories Annual Method Detection Limit Determination
Dayton, NJ Facility

Method: EPA 524.2 REV 4.1 (V524.2)
Instrument(s): GCMS1A, GCMS1C, GCMS2B, GCMS2E, GCMS3A, GCMS3B, GCMS3C, GCMS3D
Analyst: Pooled
Matrix: AQ
Quant Factor: 1.00
Study Period: February,2007

Cmpd./Element/Parm. Name	Analysis Date	Spike ug/l	Replicate Spikes R1 ug/l	R2 ug/l	R3 ug/l	R4 ug/l	R5 ug/l	R6 ug/l	R7 ug/l	X-Bar ug/l	X-Bar %Recov.	STD.Dev. ug/l	MDL	Spike/MDL Ratio
Acetone	25-Jan-07	3	3.03	2.07	1.97	1.95	1.71	2.00	2.07	2.11	70.45	0.42	[illegible]	2.27
Acrolein	24-Jan-07	2	2.34	1.26	1.87	1.20	1.69	1.82	1.50	1.67	83.45	0.39	[illegible]	1.62
Acrylonitrile	26-Feb-07	2.5	1.76	1.47	1.46	1.66	1.80	1.58	1.73	1.64	65.50	0.14	[illegible]	5.81
Allyl chloride	5-Jan-07	1	1.06	0.88	0.93	0.75	0.96	0.96	0.93	0.92	92.32	0.10	[illegible]	3.32
2-Butanone	25-Jan-07	3	3.30	2.27	2.38	2.36	2.35	2.23	2.32	2.46	81.96	0.37	[illegible]	2.55
Benzene	25-Jan-07	0.5	0.53	0.51	0.52	0.50	0.50	0.49	0.46	0.50	100.24	0.02	[illegible]	7.23
Bromobenzene	4-Jan-07	0.2	0.14	0.14	0.15	0.12	0.07	0.12	0.15	0.13	64.40	0.03	[illegible]	2.24
Bromochloromethane	5-Jan-07	1	0.83	0.92	1.01	1.00	0.94	0.73	0.86	0.90	89.82	0.10	[illegible]	3.25
Bromodichloromethane	4-Jan-07	0.2	0.21	0.15	0.16	0.14	0.16	0.14	0.12	0.15	76.60	0.03	[illegible]	2.19
Bromoform	4-Jan-07	0.5	0.47	0.49	0.35	0.39	0.40	0.34	0.39	0.40	80.88	0.06	[illegible]	2.74
Bromomethane	4-Jan-07	0.5	0.50	0.79	0.42	0.51	0.46	0.51	0.50	0.53	105.55	0.12	[illegible]	1.32
n-Butylbenzene	4-Jan-07	0.5	0.35	0.44	0.35	0.35	0.41	0.39	0.35	0.38	75.68	0.04	[illegible]	4.39
sec-Butylbenzene	2-Jan-07	1	1.04	1.00	0.99	1.00	0.95	1.02	1.34	1.05	104.86	0.13	[illegible]	2.46
tert-Butylbenzene	23-Jan-07	0.5	0.40	0.42	0.34	0.37	0.33	0.42	0.36	0.38	75.24	0.04	[illegible]	4.41
Carbon disulfide	4-Jan-07	0.2	0.26	0.22	0.16	0.17	0.14	0.14	0.16	0.18	89.15	0.05	[illegible]	1.39
Chloroacetonitrile	24-Jan-07	25	24.11	25.33	24.67	25.44	25.07	23.69	22.44	24.39	97.58	1.07	[illegible]	7.42
1-Chlorobutane	24-Jan-07	1	1.33	1.32	1.40	1.32	1.36	1.42	1.33	1.35	135.42	0.04	[illegible]	7.88
Chlorobenzene	23-Jan-07	0.5	0.48	0.47	0.49	0.46	0.48	0.51	0.45	0.48	95.54	0.02	[illegible]	7.81
Chloroethane	4-Jan-07	0.5	0.19	0.24	0.21	0.34	0.17	0.34	0.16	0.24	47.24	0.08	[illegible]	2.09
Chloroform	25-Jan-07	0.5	0.51	0.52	0.51	0.51	0.48	0.49	0.46	0.50	99.34	0.02	[illegible]	7.33
2-Chloroethyl vinyl ether	4-Jan-07	2.5	2.27	2.91	2.24	2.28	2.03	2.16	2.12	2.29	91.51	0.29	[illegible]	2.76
Chloromethane	14-Feb-07	0.2	0.24	0.32	0.20	0.22	0.20	0.21	0.21	0.23	113.08	0.04	[illegible]	1.50
o-Chlorotoluene	23-Jan-07	0.5	0.46	0.50	0.46	0.45	0.46	0.52	0.44	0.47	94.44	0.03	[illegible]	5.68
p-Chlorotoluene	23-Jan-07	0.5	0.46	0.48	0.49	0.42	0.46	0.49	0.43	0.46	92.38	0.03	[illegible]	5.65
Carbon tetrachloride	4-Jan-07	0.5	0.44	0.57	0.49	0.43	0.42	0.37	0.40	0.45	89.40	0.07	[illegible]	2.42
Cyclohexane	4-Jan-07	0.5	0.37	0.55	0.43	0.43	0.39	0.43	0.34	0.42	84.12	0.07	[illegible]	2.35
1,1-Dichloroethane	14-Feb-07	1	0.89	0.83	0.83	0.84	0.81	0.80	0.82	0.83	83.31	0.03	[illegible]	10.88
1,1-Dichloroethylene	4-Jan-07	0.5	0.36	0.48	0.42	0.32	0.26	0.29	0.39	0.36	72.08	0.08	[illegible]	2.10
1,1-Dichloropropene	4-Jan-07	0.5	0.51	0.59	0.47	0.49	0.41	0.37	0.44	0.47	93.66	0.07	[illegible]	2.22
1,2-Dibromo-3-chloropropane	5-Jan-07	1	0.51	0.70	0.68	0.70	0.92	0.53	0.71	0.68	67.71	0.13	[illegible]	2.36
1,2-Dibromoethane	23-Jan-07	0.2	0.13	0.16	0.14	0.15	0.14	0.12	0.10	0.13	67.05	0.02	[illegible]	3.07
1,2-Dichloroethane	23-Jan-07	0.5	0.56	0.61	0.56	0.55	0.57	0.59	0.59	0.58	115.16	0.02	[illegible]	6.98
1,2-Dichloropropane	4-Jan-07	0.5	0.48	0.62	0.45	0.47	0.39	0.49	0.48	0.48	96.82	0.07	[illegible]	2.29
1,3-Dichloropropane	4-Jan-07	0.2	0.16	0.15	0.18	0.16	0.16	0.12	0.16	0.16	77.65	0.02	[illegible]	3.91
2,2-Dichloropropane	4-Jan-07	0.5	0.55	0.67	0.51	0.58	0.43	0.51	0.48	0.53	106.44	0.08	[illegible]	2.00
Dibromochloromethane	4-Jan-07	0.2	0.15	0.13	0.15	0.13	0.09	0.13	0.10	0.13	62.55	0.02	[illegible]	2.71
Dibromomethane	4-Jan-07	0.5	0.41	0.57	0.43	0.43	0.40	0.43	0.45	0.45	89.36	0.06	[illegible]	2.78

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

Method: EPA 524.2 REV 4.1 (V524.2)
Instrument(s): GCMS1A, GCMS1C, GCMS2B, GCMS2E, GCMS3A, GCMS3B, GCMS3C, GCMS3D
Analyst: Pooled

Matrix: AQ
Quant Factor: 1.00
Study Period: February,2007

			Replicate Spikes											
Cmpd./Element/Parm. Name	Analysis Date	Spike ug/l	R1 ug/l	R2 ug/l	R3 ug/l	R4 ug/l	R5 ug/l	R6 ug/l	R7 ug/l	X-Bar ug/l	X-Bar %Recov.	STD.Dev. ug/l	MDL	Spike/MDL Ratio
Dichlorodifluoromethane	2-Jan-07	1	0.89	0.85	0.82	0.95	0.82	0.90	1.17	0.91	91.48	0.12	0.38	2.61
cis-1,3-Dichloropropene	4-Jan-07	0.2	0.19	0.16	0.13	0.15	0.16	0.11	0.18	0.16	77.75	0.03	0.08	2.39
m-Dichlorobenzene	23-Jan-07	0.5	0.48	0.49	0.49	0.47	0.46	0.51	0.45	0.48	95.98	0.02	0.07	7.68
o-Dichlorobenzene	25-Jan-07	1	1.20	0.93	0.96	0.94	0.91	0.93	0.93	0.97	97.00	0.10	0.32	3.17
p-Dichlorobenzene	4-Jan-07	0.2	0.18	0.16	0.14	0.15	0.13	0.15	0.13	0.15	74.50	0.02	0.05	3.73
trans-1,2-Dichloroethylene	26-Feb-07	0.2	0.16	0.19	0.11	0.19	0.22	0.18	0.18	0.18	88.40	0.04	0.11	1.81
cis-1,2-Dichloroethylene	23-Jan-07	0.2	0.20	0.22	0.19	0.18	0.20	0.15	0.16	0.19	93.00	0.03	0.08	2.47
trans-1,3-Dichloropropene	23-Jan-07	0.2	0.10	0.14	0.12	0.15	0.11	0.11	0.13	0.12	61.70	0.02	0.06	3.64
1,1-Dichloropropanone	2-Jan-07	1	1.41	1.32	1.41	1.24	1.29	1.23	1.70	1.37	137.30	0.16	0.51	1.97
Trans-1,4-Dichloro-2-Butene	24-Jan-07	1	0.81	0.79	1.05	0.88	0.94	0.99	1.01	0.92	92.33	0.10	0.32	3.16
Di-Isopropyl ether	25-Jan-07	1	1.09	0.84	0.87	0.84	0.83	0.84	0.83	0.88	87.70	0.09	0.29	3.40
1,4-Dioxane	2-Jan-07	5	4.06	5.33	3.54	5.11	4.71	3.69	2.31	4.11	82.12	1.05	3.29	1.52
Ethylbenzene	4-Jan-07	0.5	0.44	0.54	0.41	0.41	0.42	0.44	0.40	0.44	87.46	0.05	0.15	3.35
Ethyl tert Butyl Ether	25-Jan-07	1	1.08	0.85	0.86	0.86	0.83	0.82	0.84	0.88	87.80	0.09	0.28	3.57
Ethyl Ether	4-Jan-07	0.5	0.46	0.65	0.47	0.41	0.45	0.46	0.46	0.48	95.84	0.08	0.24	2.10
Ethyl methacrylate	2-Jan-07	1	0.81	0.79	0.80	0.80	0.75	0.83	1.08	0.84	83.89	0.11	0.35	2.88
Freon 113	27-Feb-07	5	5.52	5.36	4.90	4.83	4.90	5.12	5.11	5.11	102.14	0.26	0.80	6.18
Hexachlorobutadiene	4-Jan-07	0.5	0.44	0.57	0.51	0.40	0.45	0.45	0.39	0.46	91.26	0.06	0.19	2.61
Hexane	25-Jan-07	1	0.98	0.79	0.81	0.75	0.69	0.65	0.66	0.76	75.87	0.11	0.36	2.78
Hexachloroethane	4-Jan-07	0.5	0.39	0.46	0.37	0.37	0.42	0.39	0.38	0.39	78.94	0.03	0.10	4.99
2-Hexanone	25-Jan-07	3	3.80	2.92	2.94	2.90	2.81	2.90	2.82	3.01	100.40	0.35	1.10	2.74
Iodomethane	4-Jan-07	0.5	0.25	0.42	0.30	0.21	0.20	0.27	0.24	0.27	54.14	0.07	0.23	2.16
Isopropylbenzene	2-Jan-07	1	1.04	0.98	0.97	0.98	0.93	1.00	1.31	1.03	103.03	0.13	0.40	2.52
p-Isopropyltoluene	2-Jan-07	1	1.02	1.02	0.99	1.01	0.96	1.01	1.33	1.05	105.03	0.13	0.39	2.53
Methylene chloride	4-Jan-07	0.5	0.47	0.43	0.42	0.47	0.38	0.36	0.35	0.41	81.88	0.05	0.15	3.24
Methyl Tert Butyl Ether	14-Feb-07	0.5	0.44	0.44	0.43	0.44	0.46	0.46	0.49	0.45	90.20	0.02	0.06	7.70
4-Methyl-2-pentanone	2-Jan-07	3	0.88	0.92	0.90	0.91	0.87	0.77	1.23	0.92	30.82	0.14	0.45	6.70
Methacrylonitrile	27-Feb-07	5	4.84	4.64	4.58	4.50	4.46	4.53	4.70	4.61	92.15	0.13	0.42	12.01
Methyl methacrylate	25-Jan-07	1	0.93	0.72	0.73	0.71	0.69	0.75	0.73	0.75	75.10	0.08	0.26	3.94
Methyl Acrylate	25-Jan-07	1	0.90	0.64	0.65	0.68	0.63	0.64	0.63	0.68	68.13	0.10	0.31	3.30
Methyl Acetate	14-Feb-07	0.5	0.50	0.60	0.80	0.58	0.66	0.69	0.84	0.67	133.24	0.12	0.38	1.32
Methylcyclohexane	4-Jan-07	0.5	0.36	0.48	0.39	0.38	0.31	0.36	0.33	0.37	74.30	0.05	0.17	2.90
Nitrobenzene	5-Jan-07	10	15.51	11.05	14.22	13.85	12.48	12.73	10.95	12.97	129.70	1.68	5.27	1.90
2-Nitropropane	14-Feb-07	1	1.36	1.54	1.45	1.49	1.31	1.11	1.41	1.38	138.05	0.14	0.45	2.22
Naphthalene	4-Jan-07	0.2	0.21	0.16	0.16	0.16	0.15	0.13	0.16	0.16	80.85	0.02	0.07	2.69
n-Propylbenzene	30-Jan-07	0.5	0.54	0.53	0.52	0.51	0.51	0.49	0.47	0.51	101.44	0.02	0.07	6.87
Pentachloroethane	4-Jan-07	0.5	0.37	0.52	0.38	0.39	0.42	0.35	0.44	0.41	82.14	0.06	0.19	2.69
Propionitrile	26-Feb-07	5	3.19	2.90	2.08	2.94	2.85	2.96	0.07	2.43	48.58	1.10	3.44	1.45
Styrene	4-Jan-07	0.5	0.38	0.49	0.36	0.39	0.35	0.42	0.37	0.40	79.20	0.05	0.15	3.42
tert-Amyl Methyl Ether	14-Feb-07	0.2	0.13	0.17	0.11	0.12	0.11	0.12	0.12	0.13	63.65	0.02	0.07	3.03

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

Method: EPA 524.2 REV 4.1 (V524.2)
Instrument(s): GCMS1A, GCMS1C, GCMS2B, GCMS2E, GCMS3A, GCMS3B, GCMS3C, GCMS3D
Analyst: Pooled

Matrix: AQ
Quant Factor: 1.00
Study Period: February,2007

Cmpd./Element/Parm. Name	Analysis Date	Spike ug/l	Replicate Spikes R1 ug/l	R2 ug/l	R3 ug/l	R4 ug/l	R5 ug/l	R6 ug/l	R7 ug/l	X-Bar ug/l	X-Bar %Recov.	STD.Dev. ug/l	[redacted]	Spike/MDL Ratio
1,1,1,2-Tetrachloroethane	4-Jan-07	0.2	0.10	0.08	0.09	0.09	0.14	0.11	0.14	0.11	54.50	0.03	[redacted]	2.40
Tetrahydrofuran	24-Jan-07	1	0.96	1.01	0.94	1.12	0.87	0.63	0.73	0.89	89.12	0.17	[redacted]	1.91
1,1,1-Trichloroethane	14-Feb-07	0.5	0.34	0.35	0.35	0.36	0.36	0.33	0.39	0.36	71.20	0.02	[redacted]	8.46
1,1,2,2-Tetrachloroethane	30-Jan-07	0.5	0.53	0.60	0.53	0.55	0.54	0.54	0.51	0.54	108.72	0.03	[redacted]	6.05
1,1,2-Trichloroethane	4-Jan-07	0.5	0.45	0.63	0.50	0.47	0.41	0.40	0.44	0.47	94.12	0.08	[redacted]	2.08
1,2,3-Trichlorobenzene	14-Feb-07	0.2	0.30	0.24	0.25	0.24	0.24	0.20	0.22	0.24	119.75	0.03	[redacted]	2.18
1,2,3-Trichloropropane	4-Jan-07	0.5	0.34	0.58	0.45	0.49	0.43	0.46	0.46	0.46	91.36	0.07	[redacted]	2.22
1,2,4-Trichlorobenzene	14-Feb-07	0.2	0.26	0.23	0.23	0.21	0.24	0.22	0.20	0.23	113.00	0.02	[redacted]	3.11
1,2,4-Trimethylbenzene	4-Jan-07	0.5	0.41	0.51	0.42	0.44	0.42	0.40	0.40	0.43	85.62	0.04	[redacted]	3.97
1,3,5-Trimethylbenzene	23-Jan-07	0.5	0.41	0.41	0.42	0.40	0.37	0.44	0.38	0.41	81.08	0.02	[redacted]	7.03
Tetrachloroethylene	4-Jan-07	0.5	0.40	0.48	0.40	0.41	0.35	0.36	0.31	0.39	77.54	0.05	[redacted]	2.98
Toluene	24-Jan-07	0.2	0.28	0.25	0.25	0.24	0.24	0.24	0.24	0.25	124.95	0.01	[redacted]	4.91
Trichloroethylene	4-Jan-07	0.5	0.42	0.64	0.43	0.44	0.33	0.48	0.47	0.46	91.50	0.09	[redacted]	1.74
Trichlorofluoromethane	25-Jan-07	0.5	0.33	0.28	0.32	0.29	0.26	0.26	0.15	0.27	54.08	0.06	[redacted]	2.75
Tertiary Butyl Alcohol	30-Jan-07	2.5	2.22	1.99	1.11	2.05	1.74	0.90	2.26	1.75	70.15	0.54	[redacted]	1.47
Vinyl chloride	4-Jan-07	0.5	0.38	0.45	0.36	0.30	0.29	0.33	0.21	0.33	66.72	0.08	[redacted]	2.07
m,p-Xylene	14-Feb-07	0.4	0.26	0.28	0.26	0.26	0.25	0.26	0.09	0.24	59.58	0.07	[redacted]	1.90
o-Xylene	4-Jan-07	0.2	0.13	0.14	0.12	0.10	0.10	0.08	0.10	0.11	56.10	0.02	[redacted]	3.05

Detection limits derived using the method described in 40 CFR Part 136, Appendix B

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries
- Instrument Performance Checks (BFB)
- Internal Standard Area Summaries
- Surrogate Recovery Summaries
- Initial and Continuing Calibration Summaries

Method Blank Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2159-MB1	2B49062.D	1	09/18/08	MFH	n/a	n/a	V2B2159

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

JA476-1, JA476-2, JA476-3, JA476-4, JA476-5, JA476-6, JA476-7, JA476-8

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	5.0	1.3	ug/l	
78-93-3	2-Butanone	ND	5.0	1.2	ug/l	
71-43-2	Benzene	ND	0.50	0.069	ug/l	
108-86-1	Bromobenzene	ND	0.50	0.089	ug/l	
74-97-5	Bromochloromethane	ND	0.50	0.31	ug/l	
75-27-4	Bromodichloromethane	ND	0.50	0.091	ug/l	
75-25-2	Bromoform	ND	0.50	0.18	ug/l	
74-83-9	Bromomethane	ND	0.50	0.38	ug/l	
104-51-8	n-Butylbenzene	ND	0.50	0.11	ug/l	
135-98-8	sec-Butylbenzene	ND	0.50	0.41	ug/l	
98-06-6	tert-Butylbenzene	ND	0.50	0.11	ug/l	
75-15-0	Carbon disulfide	ND	0.50	0.14	ug/l	
108-90-7	Chlorobenzene	ND	0.50	0.064	ug/l	
75-00-3	Chloroethane	ND	0.50	0.24	ug/l	
67-66-3	Chloroform	ND	0.50	0.068	ug/l	
74-87-3	Chloromethane	ND	0.50	0.13	ug/l	
95-49-8	o-Chlorotoluene	ND	0.50	0.088	ug/l	
106-43-4	p-Chlorotoluene	ND	0.50	0.089	ug/l	
56-23-5	Carbon tetrachloride	ND	0.50	0.21	ug/l	
75-34-3	1,1-Dichloroethane	ND	0.50	0.092	ug/l	
75-35-4	1,1-Dichloroethylene	ND	0.50	0.24	ug/l	
563-58-6	1,1-Dichloropropene	ND	0.50	0.23	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	1.0	0.42	ug/l	
106-93-4	1,2-Dibromoethane	ND	0.50	0.065	ug/l	
107-06-2	1,2-Dichloroethane	ND	0.50	0.072	ug/l	
78-87-5	1,2-Dichloropropane	ND	0.50	0.22	ug/l	
142-28-9	1,3-Dichloropropane	ND	0.50	0.051	ug/l	
594-20-7	2,2-Dichloropropane	ND	0.50	0.25	ug/l	
124-48-1	Dibromochloromethane	ND	0.50	0.074	ug/l	
74-95-3	Dibromomethane	ND	0.50	0.18	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.38	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.084	ug/l	
541-73-1	m-Dichlorobenzene	ND	0.50	0.065	ug/l	
95-50-1	o-Dichlorobenzene	ND	0.50	0.32	ug/l	
106-46-7	p-Dichlorobenzene	ND	0.50	0.054	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.50	0.11	ug/l	

Method Blank Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2159-MB1	2B49062.D	1	09/18/08	MFH	n/a	n/a	V2B2159

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

JA476-1, JA476-2, JA476-3, JA476-4, JA476-5, JA476-6, JA476-7, JA476-8

CAS No.	Compound	Result	RL	MDL	Units	Q
156-59-2	cis-1,2-Dichloroethylene	ND	0.50	0.081	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.055	ug/l	
100-41-4	Ethylbenzene	ND	0.50	0.15	ug/l	
87-68-3	Hexachlorobutadiene	ND	2.0	0.19	ug/l	
110-54-3	Hexane	ND	0.50	0.36	ug/l	
591-78-6	2-Hexanone	ND	2.0	1.1	ug/l	
98-82-8	Isopropylbenzene	ND	0.50	0.40	ug/l	
99-87-6	p-Isopropyltoluene	ND	0.50	0.40	ug/l	
75-09-2	Methylene chloride	ND	0.50	0.15	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.50	0.065	ng/l	
108-10-1	4-Methyl-2-pentanone	ND	2.0	0.45	ug/l	
91-20-3	Naphthalene	ND	0.50	0.074	ug/l	
103-65-1	n-Propylbenzene	ND	0.50	0.073	ug/l	
100-42-5	Styrene	ND	0.50	0.15	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	0.50	0.084	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.059	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.083	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	0.50	0.24	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.50	0.092	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	0.50	0.23	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	0.064	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	0.13	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	0.071	ug/l	
127-18-4	Tetrachloroethylene	ND	0.50	0.17	ug/l	
108-88-3	Toluene	ND	0.50	0.041	ng/l	
79-01-6	Trichloroethylene	ND	0.50	0.29	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.18	ug/l	
75-01-4	Vinyl chloride	ND	0.50	0.24	ug/l	
	m,p-Xylene	ND	1.0	0.21	ug/l	
95-47-6	o-Xylene	ND	0.50	0.066	ng/l	
1330-20-7	Xylenes (total)	ND	0.50	0.066	ug/l	

CAS No.	Surrogate Recoveries		Limits
2199-69-1	1,2-Dichlorobenzene-d4	91%	74-123%

Method Blank Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2159-MB1	2B49062.D	1	09/18/08	MFH	n/a	n/a	V2B2159

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

JA476-1, JA476-2, JA476-3, JA476-4, JA476-5, JA476-6, JA476-7, JA476-8

CAS No.	Surrogate Recoveries		Limits
460-00-4	4-Bromofluorobenzene	94%	71-123%

Blank Spike Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2159-BS	2B49063.D	1	09/18/08	MFH	n/a	n/a	V2B2159

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

JA476-1, JA476-2, JA476-3, JA476-4, JA476-5, JA476-6, JA476-7, JA476-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	20	19.5	98	70-130
78-93-3	2-Butanone	20	18.4	92	70-130
71-43-2	Benzene	5	5.0	100	70-130
108-86-1	Bromobenzene	5	4.7	94	70-130
74-97-5	Bromochloromethane	5	5.0	100	70-130
75-27-4	Bromodichloromethane	5	5.2	104	70-130
75-25-2	Bromoform	5	4.4	88	70-130
74-83-9	Bromomethane	2	2.2	110	70-130
104-51-8	n-Butylbenzene	5	4.9	98	70-130
135-98-8	sec-Butylbenzene	5	4.9	98	70-130
98-06-6	tert-Butylbenzene	5	4.6	92	70-130
75-15-0	Carbon disulfide	5	4.9	98	70-130
108-90-7	Chlorobenzene	5	4.6	92	70-130
75-00-3	Chloroethane	2	2.2	110	70-130
67-66-3	Chloroform	5	5.3	106	70-130
74-87-3	Chloromethane	2	2.3	115	70-130
95-49-8	o-Chlorotoluene	5	5.2	104	70-130
106-43-4	p-Chlorotoluene	5	4.9	98	70-130
56-23-5	Carbon tetrachloride	5	5.7	114	70-130
75-34-3	1,1-Dichloroethane	5	4.8	96	70-130
75-35-4	1,1-Dichloroethylene	5	5.0	100	70-130
563-58-6	1,1-Dichloropropene	5	4.9	98	70-130
96-12-8	1,2-Dibromo-3-chloropropane	5	4.3	86	70-130
106-93-4	1,2-Dibromethane	5	4.8	96	70-130
107-06-2	1,2-Dichloroethane	5	5.4	108	70-130
78-87-5	1,2-Dichloropropane	5	4.8	96	70-130
142-28-9	1,3-Dichloropropane	5	5.0	100	70-130
594-20-7	2,2-Dichloropropaue	5	4.6	92	70-130
124-48-1	Dibromochloromethane	5	4.8	96	70-130
74-95-3	Dibromomethane	5	5.3	106	70-130
75-71-8	Dichlorndifluoromethane	2	2.2	110	70-130
10061-01-5	cis-1,3-Dichloropropene	5	4.6	92	70-130
541-73-1	m-Dichlorobenzene	5	4.9	98	70-130
95-50-1	o-Dichlorobenzene	5	4.9	98	70-130
106-46-7	p-Dichlorohenzene	5	4.8	96	70-130
156-60-5	trans-1,2-Dichloroethylene	5	5.0	100	70-130

Blank Spike Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2159-BS	2B49063.D	1	09/18/08	MFH	n/a	n/a	V2B2159

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

JA476-1, JA476-2, JA476-3, JA476-4, JA476-5, JA476-6, JA476-7, JA476-8

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
156-59-2	cis-1,2-Dichloroethylene	5	4.8	96	70-130
10061-02-6	trans-1,3-Dichloropropene	5	4.9	98	70-130
100-41-4	Ethylbenzene	5	4.8	96	70-130
87-68-3	Hexachlorobutadiene	5	4.3	86	70-130
110-54-3	Hexane	5	4.0	80	70-130
591-78-6	2-Hexanone	20	15.1	76	70-130
98-82-8	Isopropylbenzene	5	4.6	92	70-130
99-87-6	p-Isopropyltoluene	5	4.8	96	70-130
75-09-2	Methylene chloride	5	5.6	112	70-130
1634-04-4	Methyl Tert Butyl Ether	5	4.4	88	70-130
108-10-1	4-Methyl-2-pentanone	20	17.0	85	70-130
91-20-3	Naphthalene	5	4.5	90	70-130
103-65-1	n-Propylbenzene	5	5.0	100	70-130
100-42-5	Styrene	5	4.5	90	70-130
630-20-6	1,1,1,2-Tetrachloroethane	5	5.0	100	70-130
71-55-6	1,1,1-Trichloroethane	5	5.4	108	70-130
79-34-5	1,1,2,2-Tetrachloroethane	5	5.0	100	70-130
79-00-5	1,1,2-Trichloroethane	5	5.0	100	70-130
87-61-6	1,2,3-Trichlorobenzene	5	4.5	90	70-130
96-18-4	1,2,3-Trichloropropane	5	5.3	106	70-130
120-82-1	1,2,4-Trichlorobenzene	5	4.3	86	70-130
95-63-6	1,2,4-Trimethylbenzene	5	5.0	100	70-130
108-67-8	1,3,5-Trimethylbenzene	5	4.8	96	70-130
127-18-4	Tetrachloroethylene	5	4.6	92	70-130
108-88-3	Tolnene	5	4.7	94	70-130
79-01-6	Trichloroethylene	5	5.0	100	70-130
75-69-4	Trichlorofluoromethane	2	2.4	120	70-130
75-01-4	Vinyl chloride	2	2.2	110	70-130
	m,p-Xylene	10	9.5	95	70-130
95-47-6	o-Xylene	5	4.6	92	70-130
1330-20-7	Xylenes (total)	15	14.0	93	70-130

CAS No.	Surrogate Reeoveries	BSP	Limits
2199-69-1	1,2-Dichlorobenzene-d4	101%	74-123%

Blank Spike Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V2B2159-BS	2B49063.D	1	09/18/08	MFH	n/a	n/a	V2B2159

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

JA476-1, JA476-2, JA476-3, JA476-4, JA476-5, JA476-6, JA476-7, JA476-8

CAS No.	Surrogate Recoveries	BSP	Limits
460-00-4	4-Bromofluorobenzene	102%	71-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA476-1MS	2B49079.D	1	09/19/08	MFH	n/a	u/a	V2B2159
JA476-1MSD	2B49080.D	1	09/19/08	MFH	n/a	n/a	V2B2159
JA476-1	2B49078.D	1	09/19/08	MFH	n/a	n/a	V2B2159

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

JA476-1, JA476-2, JA476-3, JA476-4, JA476-5, JA476-6, JA476-7, JA476-8

CAS No.	Compound	JA476-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND		20	17.0	85	18.1	91	6	15-168/21
78-93-3	2-Butanone	ND		20	19.1	96	17.3	87	10	18-151/28
71-43-2	Benzene	ND		5	4.9	98	5.1	102	4	56-136/16
108-86-1	Bromobenzene	ND		5	4.8	96	4.8	96	0	55-138/16
74-97-5	Bromochloromethane	ND		5	5.0	100	5.1	102	2	59-144/15
75-27-4	Bromodichloromethane	ND		5	5.2	104	5.1	102	2	58-145/17
75-25-2	Bromoform	ND		5	4.2	84	4.2	84	0	44-140/18
74-83-9	Bromomethane	ND		2	2.2	110	2.1	105	5	38-177/22
104-51-8	n-Butylbenzene	ND		5	4.7	94	4.9	98	4	43-140/16
135-98-8	sec-Butylbenzene	ND		5	4.7	94	4.9	98	4	46-140/16
98-06-6	tert-Butylbenzene	ND		5	4.4	88	4.8	96	9	44-141/19
75-15-0	Carbon disulfide	ND		5	3.6	72	3.7	74	3	35-140/21
108-90-7	Chlorobenzene	ND		5	4.6	92	4.7	94	2	58-130/15
75-00-3	Chloroethane	ND		2	2.2	110	2.2	110	0	38-175/20
67-66-3	Chloroform	ND		5	5.3	106	5.3	106	0	58-148/10
74-87-3	Chloromethane	ND		2	2.1	105	2.5	125	17	39-178/30
95-49-8	o-Chlorotoluene	ND		5	5.1	102	5.3	106	4	55-139/13
106-43-4	p-Chlorotoluene	ND		5	4.8	96	5.1	102	6	54-136/14
56-23-5	Carbon tetrachloride	ND		5	5.7	114	5.9	118	3	50-170/17
75-34-3	1,1-Dichloroethane	ND		5	5.0	100	5.1	102	2	60-145/15
75-35-4	1,1-Dichloroethylene	ND		5	5.0	100	5.1	102	2	49-141/21
563-58-6	1,1-Dichloropropene	ND		5	4.9	98	5.1	102	4	53-145/16
96-12-8	1,2-Dibromo-3-chloropropane	ND		5	4.5	90	4.2	84	7	39-153/17
106-93-4	1,2-Dibromoethane	ND		5	4.8	96	4.9	98	2	59-133/16
107-06-2	1,2-Dichloroethane	ND		5	5.4	108	5.5	110	2	58-161/14
78-87-5	1,2-Dichloropropane	ND		5	4.7	94	5.0	100	6	59-138/11
142-28-9	1,3-Dichloropropane	ND		5	5.0	100	5.0	100	0	63-135/11
594-20-7	2,2-Dichloropropane	ND		5	4.6	92	4.6	92	0	28-163/14
124-48-1	Dibromochloromethane	ND		5	4.7	94	4.7	94	0	54-137/14
74-95-3	Dibromomethane	ND		5	5.3	106	5.1	102	4	63-143/14
75-71-8	Dichlorodifluoromethane	ND		2	2.1	105	2.1	105	0	11-192/20
10061-01-5	cis-1,3-Dichloropropene	ND		5	4.4	88	4.5	90	2	53-128/14
541-73-1	m-Dichlorobenzene	ND		5	4.9	98	4.9	98	0	53-138/12
95-50-1	o-Dichlorobenzene	ND		5	5.0	100	5.0	100	0	54-138/13
106-46-7	p-Dichlorobenzene	ND		5	4.7	94	4.9	98	4	53-136/13
156-60-5	trans-1,2-Dichloroethylene	ND		5	5.1	102	5.1	102	0	52-139/19

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA476-1MS	2B49079.D	1	09/19/08	MFH	n/a	n/a	V2B2159
JA476-1MSD	2B49080.D	1	09/19/08	MFH	n/a	n/a	V2B2159
JA476-1	2B49078.D	1	09/19/08	MFH	n/a	n/a	V2B2159

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

JA476-1, JA476-2, JA476-3, JA476-4, JA476-5, JA476-6, JA476-7, JA476-8

CAS No.	Compound	JA476-1 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
156-59-2	cis-1,2-Dichloroethylene	0.37	J	5	5.2	97	5.4	101	4	57-134/14
10061-02-6	trans-1,3-Dichloropropene	ND		5	4.8	96	4.8	96	0	54-137/14
100-41-4	Ethylbenzene	ND		5	4.6	92	4.8	96	4	52-136/15
87-68-3	Hexachlorobutadiene	ND		5	4.2	84	4.3	86	2	39-151/14
110-54-3	Hexane	ND		5	4.4	88	4.6	92	4	21-142/20
591-78-6	2-Hexanone	ND		20	15.6	78	14.7	74	6	31-132/17
98-82-8	Isopropylbenzene	ND		5	4.5	90	4.7	94	4	46-140/18
99-87-6	p-Isopropyltoluene	ND		5	4.5	90	4.7	94	4	43-141/16
75-09-2	Methylene chloride	ND		5	5.0	100	5.2	104	4	55-139/13
1634-04-4	Methyl Tert Butyl Ether	0.073	J	5	4.5	89	4.6	91	2	53-143/12
108-10-1	4-Methyl-2-pentanone	ND		20	16.0	80	16.5	83	3	48-133/15
91-20-3	Naphthalene	ND		5	4.4	88	4.5	90	2	42-135/13
103-65-1	n-Propylbenzene	ND		5	4.8	96	5.0	100	4	51-138/15
100-42-5	Styrene	ND		5	4.0	80	4.1	82	2	31-135/13
630-20-6	1,1,1,2-Tetrachloruethane	ND		5	5.1	102	5.1	102	0	57-143/15
71-55-6	1,1,1-Trichloroethane	ND		5	5.5	110	5.7	114	4	54-163/17
79-34-5	1,1,2,2-Tetrachloroethane	ND		5	5.1	102	5.0	100	2	60-137/12
79-00-5	1,1,2-Trichloroethane	ND		5	5.0	100	4.9	98	2	62-136/10
87-61-6	1,2,3-Trichlorobenzene	ND		5	4.3	86	4.5	90	5	44-137/16
96-18-4	1,2,3-Trichloropropane	ND		5	5.3	106	5.6	112	6	56-143/12
120-82-1	1,2,4-Trichlorobenzene	ND		5	4.2	84	4.3	86	2	43-136/18
95-63-6	1,2,4-Trimethylbenzene	ND		5	4.6	92	4.8	96	4	41-141/15
108-67-8	1,3,5-Trimethylbenzene	ND		5	4.6	92	4.7	94	2	44-139/14
127-18-4	Tetrachloroethylene	15.3		5	20.9	112	21.5	124	3	47-141/18
108-88-3	Toluene	ND		5	4.6	92	4.8	96	4	54-133/15
79-01-6	Trichloroethylene	0.42	J	5	5.4	100	5.7	106	5	58-140/17
75-69-4	Trichlorofluoromethane	ND		2	2.5	125	2.5	125	0	22-201/18
75-01-4	Vinyl chloride	ND		2	2.0	100	2.3	115	14	37-175/19
	m,p-Xylene	ND		10	9.2	92	9.4	94	2	50-137/14
95-47-6	o-Xylene	ND		5	4.6	92	4.7	94	2	50-134/17
1330-20-7	Xylenes (total)	ND		15	13.8	92	14.1	94	2	51-135/15

CAS No.	Surrogate Recoveries	MS	MSD	JA476-1	Limits
2199-69-1	1,2-Dichlorobenzene-d4	103%	101%	95%	74-123%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
JA476-1MS	2B49079.D	1	09/19/08	MFH	n/a	n/a	V2B2159
JA476-1MSD	2B49080.D	1	09/19/08	MFH	n/a	n/a	V2B2159
JA476-1	2B49078.D	1	09/19/08	MFH	n/a	n/a	V2B2159

The QC reported here applies to the following samples: Method: EPA 524.2 REV 4.1

JA476-1, JA476-2, JA476-3, JA476-4, JA476-5, JA476-6, JA476-7, JA476-8

CAS No.	Surrogate Recoveries	MS	MSD	JA476-1	Limits
460-00-4	4-Bromofluorobenzene	103%	104%	93%	71-123%

Instrument Performance Check (BFB)

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample:	V2B2153-BFB	Injection Date:	09/16/08
Lab File ID:	2B48941.D	Injection Time:	01:04
Instrument ID:	GCMS2B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	2706	19.2		Pass
75	30.0 - 80.0% of mass 95	6895	49.0		Pass
95	Base peak, 100% relative abundance	14083	100.0		Pass
96	5.0 - 9.0% of mass 95	1023	7.3		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	14580	103.5		Pass
175	5.0 - 9.0% of mass 174	1106	7.9	(7.6) [a]	Pass
176	95.0 - 101.0% of mass 174	14381	102.1	(98.6) [a]	Pass
177	5.0 - 9.0% of mass 176	913	6.5	(6.3) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B2153-IC2153	2B48942.D	09/16/08	01:36	00:32	Initial cal 40
V2B2153-IC2153	2B48943.D	09/16/08	02:07	01:03	Initial cal 20
V2B2153-ICC2153	2B48944.D	09/16/08	02:38	01:34	Initial cal 10
V2B2153-IC2153	2B48945.D	09/16/08	03:10	02:06	Initial cal 5
V2B2153-IC2153	2B48946.D	09/16/08	03:41	02:37	Initial cal 2
V2B2153-ICV2153	2B48949.D	09/16/08	05:14	04:10	Initial cal verification 10
V2B2153-IC2153	2B48950.D	09/16/08	09:10	08:06	Initial cal 1
V2B2153-IC2153	2B48951.D	09/16/08	09:49	08:45	Initial cal 0.5

Instrument Performance Check (BFB)

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample:	V2B2159-BFB	Injection Date:	09/18/08
Lab File ID:	2B49059.D	Injection Time:	20:43
Instrument ID:	GCMS2B		

m/e	Ion Abundance Criteria	Raw Abundance	% Relative Abundance		Pass/Fail
50	15.0 - 40.0% of mass 95	2255	19.1		Pass
75	30.0 - 80.0% of mass 95	6047	51.3		Pass
95	Base peak, 100% relative abundance	11794	100.0		Pass
96	5.0 - 9.0% of mass 95	800	6.8		Pass
173	Less than 2.0% of mass 174	0	0.0	(0.0) [a]	Pass
174	50.0 - 120.0% of mass 95	10635	90.2		Pass
175	5.0 - 9.0% of mass 174	779	6.6	(7.3) [a]	Pass
176	95.0 - 101.0% of mass 174	10521	89.2	(98.9) [a]	Pass
177	5.0 - 9.0% of mass 176	701	5.9	(6.7) [b]	Pass

(a) Value is % of mass 174
(b) Value is % of mass 176

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

Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed	Hours Lapsed	Client Sample ID
V2B2159-CC2153	2B49060.D	09/18/08	21:14	00:31	Continuing cal 10
V2B2159-MB1	2B49062.D	09/18/08	22:17	01:34	Method Blank
V2B2159-BS	2B49063.D	09/18/08	22:48	02:05	Blank Spike
ZZZZZZ	2B49064.D	09/18/08	23:19	02:36	(unrelated sample)
ZZZZZZ	2B49065.D	09/18/08	23:51	03:08	(unrelated sample)
ZZZZZZ	2B49066.D	09/19/08	00:22	03:39	(unrelated sample)
JA476-2	2B49067.D	09/19/08	00:53	04:10	STEFF
JA476-3	2B49068.D	09/19/08	01:24	04:41	DIST
JA476-4	2B49069.D	09/19/08	01:55	05:12	DUP
JA476-5	2B49070.D	09/19/08	02:51	06:08	W4
JA476-6	2B49071.D	09/19/08	03:22	06:39	W11
JA476-7	2B49072.D	09/19/08	03:53	07:10	FB
JA476-8	2B49073.D	09/19/08	04:25	07:42	TB
ZZZZZZ	2B49074.D	09/19/08	04:56	08:13	(unrelated sample)
ZZZZZZ	2B49075.D	09/19/08	05:27	08:44	(unrelated sample)
ZZZZZZ	2B49076.D	09/19/08	06:23	09:40	(unrelated sample)
ZZZZZZ	2B49077.D	09/19/08	06:54	10:11	(unrelated sample)
JA476-1	2B49078.D	09/19/08	07:25	10:42	RW
JA476-1MS	2B49079.D	09/19/08	07:56	11:13	Matrix Spike
JA476-1MSD	2B49080.D	09/19/08	08:27	11:44	Matrix Spike Duplicate

Volatile Internal Standard/Surrogate Area Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Check Std:	V2B2159-CC2153	Injection Date:	09/18/08
Lab File ID:	2B49060.D	Injection Time:	21:14
Instrument ID:	GCMS2B	Method:	EPA 524.2 REV 4.1

	IS 1 AREA	RT	IS 2 AREA	RT	Surr 3 AREA	RT	Surr 4 AREA	RT
Initial Cal [a]	21528	8.46	80023	11.73	38348	18.05	31801	16.37
Previous Check [b]	16076	8.46	69002	11.73	31549	18.05	27523	16.37
Check Std [c]	15109	8.46	72133	11.73	34775	18.05	29631	16.37
Upper Limit [d]	30218	8.96	144266	12.23	69550	18.55	59262	16.87
Lower Limit [e]	7555	7.96	36067	11.23	17388	17.55	14816	15.87

Lab Sample ID	IS 1 AREA	RT	IS 2 AREA	RT	Surr 3 AREA	RT	Surr 4 AREA	RT
V2B2159-MB1	14844	8.46	67450	11.73	28860	18.05	24832	16.37
V2B2159-BS	14970	8.45	68974	11.73	32703	18.05	27692	16.36
ZZZZZZ	14925	8.47	68117	11.73	29522	18.05	25659	16.37
ZZZZZZ	14408	8.45	66732	11.73	28784	18.05	24338	16.37
ZZZZZZ	14903	8.45	65208	11.73	28614	18.05	24377	16.37
JA476-2	13510	8.46	65039	11.73	27914	18.05	23531	16.37
JA476-3	14004	8.46	63245	11.73	27082	18.05	23253	16.37
JA476-4	13438	8.46	62631	11.73	27369	18.05	23004	16.37
JA476-5	14856	8.45	66371	11.73	29464	18.05	24320	16.37
JA476-6	14586	8.47	63429	11.73	27952	18.05	23804	16.37
JA476-7	13767	8.45	63768	11.73	27332	18.05	23582	16.36
JA476-8	13509	8.46	63238	11.73	27193	18.05	22955	16.37
ZZZZZZ	13104	8.47	61457	11.73	27213	18.05	22328	16.37
ZZZZZZ	12917	8.45	60911	11.73	26328	18.05	21601	16.37
ZZZZZZ	14906	8.45	65724	11.73	29072	18.05	24716	16.37
ZZZZZZ	14297	8.45	66494	11.73	28146	18.05	24300	16.37
JA476-1	14312	8.46	62545	11.73	27757	18.05	22750	16.37
JA476-1MS	15134	8.46	70357	11.73	34008	18.05	28519	16.37
JA476-1MSD	15657	8.46	73589	11.73	34832	18.05	30157	16.37

IS 1 = Tert Butyl Alcohol-D9
IS 2 = Fluorobenzene
Surr 3 = 1,2-Dichlorobenzene-d4
Surr 4 = 4-Bromofluorobenzene

(a) Initial Cal is: V2B2153-ICC2153 2B48944.D 09/16/08 02:38
(b) Previous Check is: V2B2158-CC2153 2B49038.D 09/18/08 08:55
(c) Check Std Lower Limit = -30% of previons check area; -50% of iuitial cal area.
(d) Upper Limit = +100% of check standard area; Retention time +0.5 minutes.
(e) Lower Limit = -50% of check standard area; Retention time -0.5 minutes.

Volatile Surrogate Recovery Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Method: EPA 524.2 REV 4.1 Matrix: AQ

Samples and QC shown here apply to the above method

Lab Sample ID	Lab File ID	S1	S2
JA476-1	2B49078.D	95.0	93.0
JA476-2	2B49067.D	92.0	92.0
JA476-3	2B49068.D	91.0	94.0
JA476-4	2B49069.D	93.0	94.0
JA476-5	2B49070.D	95.0	93.0
JA476-6	2B49071.D	94.0	96.0
JA476-7	2B49072.D	91.0	94.0
JA476-8	2B49073.D	92.0	93.0
JA476-1MS	2B49079.D	103.0	103.0
JA476-1MSD	2B49080.D	101.0	104.0
V2B2159-BS	2B49063.D	101.0	102.0
V2B2159-MB1	2B49062.D	91.0	94.0

Surrogate Compounds	Recovery Limits
S1 = 1,2-Dichlorobenzene-d4	74-123%
S2 = 4-Bromofluorobenzene	71-123%

Initial Calibration Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V2B2153 ICC2153
Lab FileID: 2B48944.D

Response Factor Report MS2B

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration

Calibration Files
0.5 =2B48951.D 5 =2B48945.D 10 =2B48944.D 1 =2B48950.D
20 =2B48943.D 40 =2B48942.D 2 =2B48946.D

Compound	0.5	5	10	1	20	40	2	Avg	%RSD
1) I Tert Butyl Alcohol-d9	ISTD								
2)M TERTIARY BUTYL AL	0.836	0.854	0.880	0.811	0.841	0.872	0.849		2.99
3) I FLUOROBENZENE	ISTD								
4)S 4-BROMOFLUOROBENZ	0.388	0.392	0.397	0.392	0.391	0.399	0.388	0.392	1.10
5)S 1,2-DICHLOROBENZE	0.461	0.465	0.479	0.458	0.472	0.480	0.466	0.469	1.82
6)M DICHLORODIFLUOROM		0.258	0.242	0.168	0.217	0.229	0.208	0.220	14.18
7)M CHLOROMETHANE	0.314	0.291	0.287	0.343	0.268	0.263	0.309	0.296	9.48
8)M VINYL CHLORIDE	0.238	0.274	0.264	0.274	0.240	0.231	0.266	0.255	7.13
9)M BROMOMETHANE	0.277	0.214	0.207	0.293	0.181		0.236	0.235	18.31
10)M CHLOROETHANE	0.134	0.156	0.156	0.151	0.140	0.135	0.155	0.147	6.82
11)M TRICHLOROFLUOROME		0.363	0.349	0.286	0.319	0.326	0.320	0.327	8.12
12)M ETHYL ETHER	0.142	0.129	0.139	0.174	0.119	0.116	0.146	0.138	14.20
13)M ACROLEIN		0.015	0.022	0.001	0.019	0.016	0.022	0.016	50.01
----- Quadratic regression ----- Coefficient = 0.9967									
Response Ratio = -0.03855 + 0.02403 *A - -0.00009 *A^2									
14)M 1,1-DICHLOROETHYL	0.168	0.184	0.177	0.206	0.162	0.155	0.186	0.177	9.64
15)M FREON 113	0.137	0.182	0.184	0.191	0.152	0.160	0.181	0.170	11.89
16)M ACETONE		0.017	0.018	0.013	0.016	0.016	0.016	0.016	10.10
17)M IODOMETHANE	0.380	0.355	0.358	0.404	0.333	0.326	0.378	0.362	7.67
18)M CARBON DISULFIDE	0.536	0.521	0.513	0.548	0.480	0.460	0.526	0.512	6.12
19)M METHYL ACETATE	0.166	0.181	0.193	0.186	0.167	0.181	0.212	0.184	8.71
20)M ALLYL CHLORIDE	0.087	0.115	0.116	0.117	0.107	0.106	0.122	0.110	10.56
21)M METHYLENE CHLORID	0.277	0.221	0.218	0.267	0.205	0.197	0.233	0.231	13.16
22)M ACRYLONITRILE	0.090	0.091	0.093	0.095	0.087	0.088	0.093	0.091	3.28
23)M METHYL TERT BUTYL	0.758	0.673	0.674	0.786	0.637	0.626	0.712	0.695	8.64
24)M trans-1,2-DICHLOR	0.325	0.298	0.294	0.366	0.273	0.269	0.312	0.305	10.89
25)M HEXANE	0.242	0.260	0.261	0.260	0.209	0.226	0.250	0.244	8.17
26)M VINYL ACETATE								0.000#	-1.00
27)M 1,1-DICHLOROETHAN	0.477	0.388	0.383	0.468	0.353	0.345	0.414	0.404	12.88
28)M DI-ISOPROPYL ETHE	0.894	0.745	0.740	0.849	0.666	0.688	0.802	0.769	10.82
29)M ETHYL TERT-BUTYL	0.805	0.718	0.734	0.823	0.660	0.687	0.759	0.741	8.01
30)M 2-BUTANONE		0.008	0.009	0.006	0.009	0.009	0.008	0.008#	12.54
31)M ETHYL ACETATE								0.000#	-1.00
32)M 2,2-DICHLOROPROPA	0.401	0.283	0.285	0.415			0.296	0.336	19.70
33)M cis-1,2-DICHLOROE	0.421	0.379	0.380	0.443	0.353	0.353	0.408	0.391	8.76
34)M PROPIONITRILE	0.035	0.035	0.035	0.036	0.034	0.034	0.036	0.035	1.83
35)M METHYLACRYLATE	0.211	0.255	0.265	0.255	0.251	0.254	0.262	0.251	7.16
36)M METHACRYLONITRILE	0.193	0.156	0.154	0.177	0.142	0.147	0.170	0.163	11.15
37)M BROMOCHLOROMETHAN	0.136	0.129	0.131	0.133	0.121	0.120	0.137	0.129	5.13
38)M CHLOROFORM	0.498	0.406	0.408	0.471	0.380	0.380	0.446	0.427	10.71
39)M TETRAHYDROFURAN	0.106	0.079	0.081	0.105	0.072	0.071	0.090	0.086	17.04
40)M 1,4-DIOXANE		0.002	0.002		0.002	0.002	0.002	0.002#	12.34
41)M 1,1,1-TRICHLOROET	0.385	0.352	0.351	0.419	0.329	0.324	0.360	0.360	9.18
42)M CYCLOHEXANE	0.243	0.298	0.300	0.299	0.258	0.255	0.273	0.275	8.62

Initial Calibration Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V2B2153-ICC2153
Lab FileID: 2B48944.D

43)M	1-CHLOROBUTANE	0.693	0.740	0.748	0.794	0.670	0.661	0.718	0.718	6.56
44)M	1,1-DICHLOROPROPE	0.293	0.287	0.281	0.324	0.260	0.255	0.287	0.284	8.02
45)M	CARBON TETRACHLOR	0.314	0.314	0.311	0.353	0.288	0.289	0.310	0.311	6.89
46)	TERT AMYL ALCOHOL								0.000#	-1.00
47)M	1,2-DICHLOROETHAN	0.374	0.307	0.310	0.369	0.290	0.294	0.322	0.324	10.67
48)M	BENZENE	0.968	0.854	0.853	0.991	0.788	0.763	0.907	0.875	9.79
49)M	TERT AMYL METHYL	0.830	0.718	0.742	0.846	0.661	0.686	0.773	0.751	9.31
50)M	TRICHLOROETHYLENE	0.250	0.231	0.228	0.267	0.215	0.212	0.245	0.235	8.37
51)M	METHYLCYCLOHEXANE	0.334	0.358	0.366	0.368	0.304	0.324	0.350	0.343	6.88
52)M	METHYL METHACRYLA	0.156	0.166	0.169	0.167	0.165	0.165	0.168	0.165	2.71
53)M	1,2-DICHLOROPROPA	0.249	0.219	0.221	0.255	0.207	0.206	0.238	0.228	8.75
54)M	DIBROMOMETHANE	0.142	0.152	0.154	0.172	0.144	0.145	0.160	0.153	6.95
55)M	BROMODICHLOROMETH	0.332	0.309	0.317	0.359	0.303	0.312	0.334	0.324	5.96
56)M	CHLOROACETONITRIL		0.023	0.025	0.024	0.022	0.023	0.023	0.023	4.06
57)M	2-NITROPROPANE	0.145	0.120	0.118	0.146	0.107	0.111	0.129	0.125	12.50
58)M	2-CHLOROETHYL VIN	0.167	0.156	0.163	0.167	0.145	0.152	0.159	0.158	5.14
59)M	cis-1,3-DICHLOROP	0.408	0.362	0.366	0.403	0.348	0.352	0.374	0.373	6.36
60)M	4-METHYL-2-PENTAN	0.030	0.035	0.036	0.033	0.034	0.034	0.035	0.034	5.79
61)M	1,1-DICHLOROPROPA		0.089	0.100	0.109	0.095	0.095	0.132	0.104	15.05
62)M	TOLUENE	0.609	0.559	0.554	0.607	0.519	0.518	0.576	0.563	6.62
63)M	trans-1,3-DICHLOR	0.377	0.344	0.352	0.398	0.334	0.345	0.355	0.358	6.25
64)M	ETHYL METHACRYLAT	0.300	0.303	0.310	0.299	0.300	0.304	0.307	0.303	1.33
65)M	1,1,2-TRICHLOROET	0.205	0.182	0.188	0.211	0.180	0.177	0.194	0.191	6.83
66)M	1,3-DICHLOROPROPA	0.406	0.358	0.369	0.420	0.346	0.345	0.388	0.376	7.85
67)M	2-HEXANONE	0.027	0.034	0.035	0.032	0.032	0.031	0.035	0.032	8.58
68)M	TETRACHLOROETHYLE	0.347	0.332	0.318	0.378	0.297	0.294	0.338	0.329	8.97
69)M	DIBROMOCHLOROMETH	0.277	0.265	0.272	0.283	0.267	0.277	0.267	0.273	2.50
70)M	1,2-DIBROMOETHANE	0.239	0.239	0.246	0.252	0.232	0.232	0.248	0.241	3.20
71)M	CHLOROBENZENE	0.746	0.684	0.690	0.781	0.651	0.647	0.732	0.704	7.10
72)M	1,1,1,2-TETRACHLO	0.286	0.263	0.266	0.309	0.255	0.258	0.275	0.273	6.94
73)M	ETHYLBENZENE	1.188	1.118	1.131	1.243	1.062	1.044	1.169	1.136	6.18
74)M	m,p-XYLENE	0.484	0.447	0.452	0.505	0.426	0.419	0.476	0.459	6.82
75)M	o-XYLENE	0.485	0.461	0.460	0.512	0.439	0.433	0.477	0.467	5.80
76)M	STYRENE	0.760	0.742	0.767	0.792	0.732	0.729	0.761	0.755	2.97
77)M	BROMOFORM	0.216	0.220	0.228	0.236	0.230	0.241	0.214	0.227	4.57
78)M	ISOPROPYLBENZENE	1.126	1.046	1.059	1.183	0.995	0.980	1.074	1.066	6.66
79)M	BROMOBENZENE	0.411	0.367	0.363	0.423	0.348	0.349	0.384	0.378	7.78
80)M	1,1,2,2-TETRACHLO	0.329	0.312	0.317	0.364	0.308	0.306	0.323	0.323	6.14
81)M	TRANS-1,4-DICHLOR	0.108	0.096	0.102	0.105	0.099	0.101	0.092	0.100	5.29
82)M	1,2,3-TRICHLOROPR	0.106	0.099	0.102	0.115	0.097	0.098	0.105	0.103	5.87
83)M	n-PROPYLBENZENE	1.454	1.398	1.417	1.562	1.339	1.304	1.451	1.418	5.96
84)M	O-CHLOROTOLUENE	1.078	0.971	0.968	1.135	0.921	0.913	1.014	1.000	8.20
85)M	1,3,5-TRIMETHYLBE	1.050	1.001	1.014	1.148	0.960	0.948	1.053	1.025	6.60
86)M	P-CHLOROTOLUENE	1.003	0.897	0.891	1.047	0.851	0.836	0.949	0.925	8.49
87)M	tert-BUTYLBENZENE	1.019	0.947	0.946	1.073	0.885	0.884	0.970	0.961	7.14
88)M	1,2,4-TRIMETHYLBE	1.081	1.052	1.058	1.194	1.008	0.997	1.084	1.068	6.08
89)M	PENTACHLOROETHANE	0.194	0.195	0.204	0.220	0.203	0.208	0.200	0.203	4.35
90)M	sec-BUTYLBENZENE	1.347	1.341	1.352	1.511	1.266	1.238	1.339	1.342	6.47
91)M	p-ISOPROPYLTOLUEN	1.188	1.176	1.174	1.306	1.114	1.098	1.199	1.179	5.72
92)M	M-DICHLOROBENZENE	0.723	0.688	0.696	0.802	0.657	0.652	0.734	0.707	7.28
93)M	P-DICHLOROBENZENE	0.786	0.705	0.701	0.810	0.669	0.666	0.730	0.724	7.67
94)M	n-BUTYLBENZENE	1.057	1.041	1.045	1.139	0.983	0.967	1.033	1.038	5.38
95)M	O-DICHLOROBENZENE	0.751	0.653	0.661	0.743	0.632	0.628	0.691	0.680	7.39
96)M	HEXACHLOROETHANE	0.237	0.234	0.237	0.258	0.235	0.239	0.233	0.239	3.65
97)M	1,2-DIBROMO-3-CHL	0.051	0.059	0.062	0.053	0.061	0.063	0.058	0.058	7.97
98)M	NITROBENZENE	0.024	0.027	0.033	0.026	0.036		0.023	0.028	18.57
99)M	1,2,4-TRICHLOROBE	0.582	0.519	0.507	0.561	0.489	0.488	0.529	0.525	6.76
100)M	HEXACHLOROBUTADIE	0.323	0.313	0.296	0.358	0.276	0.274	0.315	0.308	9.54
101)M	NAPHTHALENE	1.088	1.034	1.069	1.068	1.026	1.014	1.054	1.050	2.53
102)M	1,2,3-TRICHLOROBE	0.509	0.462	0.460	0.508	0.437	0.429	0.475	0.469	6.66

5.7

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Initial Calibration Summary

Job Number:	JA476	Sample:	V2B2153-ICC2153
Account:	EPMNYLS Environmental Planning and Management	Lab FileID:	2B48944.D
Project:	Katonah, Katonah, NY		

(#) = Out of Range

M2B2153.M Wed Sep 17 09:46:33 2008 MS2B

5.7

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Initial Calibration Verification

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V2B2153-ICV2153
Lab FileID: 2B48949.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\2B48949.D Vial: 9
Acq On : 16 Sep 2008 5:14 am Operator: mohui
Sample : icv2153-10 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	99	0.00	8.46
2	M	TERTIARY BUTYL ALCOHOL	0.849	0.861	-1.4	100	0.01	8.60
3	I	FLUOROBENZENE	1.000	1.000	0.0	98	0.00	11.73
4	S	4-BROMOFLUOROBENZENE (S)	0.392	0.392	0.0	96	0.00	16.37
5	S	1,2-DICHLOROBENZENE-d4 (S	0.469	0.476	-1.5	97	0.00	18.05
6	M	DICHLORODIFLUOROMETHANE	0.220	0.236	-7.3	95	0.00	4.47
7	M	CHLOROMETHANE	0.296	0.281	5.1	96	0.00	4.87
8	M	VINYL CHLORIDE	0.255	0.250	2.0	92	0.00	5.16
9	M	BROMOMETHANE	0.235	0.196	16.6	92	0.00	5.94
10	M	CHLOROETHANE	0.147	0.147	0.0	92	0.01	6.16
11	M	TRICHLOROFLUOROMETHANE	0.327	0.339	-3.7	95	0.00	6.70
12	M	ETHYL ETHER	0.138	0.140	-1.4	98	0.00	7.16
			True	Calc.	% Drift			
13	M	ACROLEIN	100.000	127.686	-27.7	115	0.00	7.48
			AvgRF	CCRF	% Dev			
14	M	1,1-DICHLOROETHYLENE	0.177	0.180	-1.7	99	0.01	7.66
15	M	FREON 113	0.170	0.174	-2.4	92	0.00	7.61
16	M	ACETONE	0.016	0.016	0.0	88	0.01	7.75
17	M	IODOMETHANE	0.362	0.358	1.1	98	0.00	7.98
18	M	CARBON DISULFIDE	0.512	0.509	0.6	97	0.00	8.12
19	M	METHYL ACETATE	0.184	0.186	-1.1	94	0.00	8.26
20	M	ALLYL CHLORIDE	0.110	0.117	-6.4	99	0.00	8.26
21	M	METHYLENE CHLORIDE	0.231	0.223	3.5	100	0.00	8.49
22	M	ACRYLONITRILE	0.091	0.093	-2.2	97	0.00	8.87
23	M	METHYL TERT BUTYL ETHER	0.695	0.679	2.3	98	0.00	8.83
24	M	trans-1,2-DICHLOROETHYLEN	0.305	0.300	1.6	100	0.00	8.89
25	M	HEXANE	0.244	0.247	-1.2	92	0.00	9.20
26	M	VINYL ACETATE	0.000	0.000#	0.0	98	0.00	9.50
27	M	1,1-DICHLOROETHANE	0.404	0.383	5.2	98	0.00	9.53
28	M	DI-ISOPROPYL ETHER	0.769	0.722	6.1	95	0.00	9.47
29	M	ETHYL TERT-BUTYL ETHER	0.741	0.718	3.1	96	0.00	9.98
30	M	2-BUTANONE	0.008	0.010#	-25.0	100	0.00	10.29
31	M	ETHYL ACETATE	0.000	0.000#	0.0	96	0.00	11.34
32	M	2,2-DICHLOROPROPANE	0.336	0.276	17.9	95	0.00	10.31
33	M	cis-1,2-DICHLOROETHYLENE	0.391	0.383	2.0	98	0.00	10.32
34	M	PROPIONITRILE	0.035	0.036	-2.9	100	0.00	10.41
35	M	METHYLACRYLATE	0.251	0.268	-6.8	99	0.00	10.39
36	M	METHACRYLONITRILE	0.163	0.161	1.2	101	0.00	10.60
37	M	BROMOCHLOROMETHANE	0.129	0.131	-1.6	98	0.00	10.66

Initial Calibration Verification

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V2B2153-ICV2153
Lab FileID: 2B48949.D

38	M	CHLOROFORM	0.427	0.414	3.0	99	0.00	10.72
39	M	TETRAHYDROFURAN	0.086	0.080	7.0	97	0.00	10.70
40	M	1,4-DIOXANE	0.002	0.002#	0.0	90	0.00	12.57
41	M	1,1,1-TRICHLOROETHANE	0.360	0.363	-0.8	101	0.00	10.96
42	M	CYCLOHEXANE	0.275	0.301	-9.5	98	0.00	11.03
43	M	1-CHLOROBUTANE	0.718	0.762	-6.1	99	0.00	11.05
44	M	1,1-DICHLOROPROPENE	0.284	0.291	-2.5	101	0.00	11.15
45	M	CARBON TETRACHLORIDE	0.311	0.324	-4.2	102	0.00	11.17
46		TERT AMYL ALCOHOL	0.000	0.000#	0.0	102	0.00	11.35
47	M	1,2-DICHLOROETHANE	0.324	0.327	-0.9	103	0.00	11.46
48	M	BENZENE	0.875	0.859	1.8	98	0.00	11.43
49	M	TERT AMYL METHYL ETHER	0.751	0.724	3.6	95	0.00	11.45
50	M	TRICHLOROETHYLENE	0.235	0.237	-0.9	102	0.00	12.16
51	M	METHYLCYCLOHEXANE	0.343	0.345	-0.6	92	0.00	12.38
52	M	METHYL METHACRYLATE	0.165	0.172	-4.2	99	0.00	12.44
53	M	1,2-DICHLOROPROPANE	0.228	0.225	1.3	99	0.00	12.45
54	M	DIBROMOMETHANE	0.153	0.156	-2.0	99	0.00	12.63
55	M	BROMODICHLOROMETHANE	0.324	0.324	0.0	100	0.00	12.76
56	M	CHLOROACETONITRILE	0.023	0.024	-4.3	95	0.00	13.00
57	M	2-NITROPROPANE	0.125	0.119	4.8	98	0.00	12.99
58	M	2-CHLOROETHYL VINYL ETHER	0.158	0.158	0.0	94	0.00	12.99
59	M	cis-1,3-DICHLOROPROPENE	0.373	0.369	1.1	98	0.00	13.23
60	M	4-METHYL-2-PENTANONE	0.034	0.035	-2.9	96	0.00	13.32
61	M	1,1-DICHLOROPROPANONE	0.104	0.097	6.7	94	0.00	13.45
62	M	TOLUENE	0.563	0.563	0.0	99	0.00	13.60
63	M	trans-1,3-DICHLOROPROPENE	0.358	0.359	-0.3	100	0.00	13.82
64	M	ETHYL METHACRYLATE	0.303	0.310	-2.3	97	0.00	13.79
65	M	1,1,2-TRICHLOROETHANE	0.191	0.192	-0.5	100	0.00	14.05
66	M	1,3-DICHLOROPROPANE	0.376	0.369	1.9	98	0.00	14.25
67	M	2-HEXANONE	0.032	0.033	-3.1	92	0.00	14.22
68	M	TETRACHLOROETHYLENE	0.329	0.330	-0.3	101	0.00	14.22
69	M	DIBROMOCHLOROMETHANE	0.273	0.280	-2.6	101	0.00	14.53
70	M	1,2-DIBROMOETHANE	0.241	0.244	-1.2	97	0.00	14.69
71	M	CHLOROBENZENE	0.704	0.695	1.3	98	0.00	15.17
72	M	1,1,1,2-TETRACHLOROETHANE	0.273	0.267	2.2	98	0.00	15.24
73	M	ETHYLBENZENE	1.136	1.140	-0.4	98	0.00	15.22
74	M	m,p-XYLENE	0.459	0.454	1.1	98	0.00	15.33
75	M	o-XYLENE	0.467	0.467	0.0	99	0.00	15.78
76	M	STYRENE	0.755	0.769	-1.9	98	0.00	15.79
77	M	BROMOFORM	0.227	0.233	-2.6	99	0.00	16.10
78	M	ISOPROPYLBENZENE	1.066	1.066	0.0	98	0.00	16.13
79	M	BROMOBENZENE	0.378	0.367	2.9	99	0.00	16.58
80	M	1,1,2,2-TETRACHLOROETHANE	0.323	0.310	4.0	95	0.00	16.48
81	M	TRANS-1,4-DICHLORO-2-BUTE	0.100	0.100	0.0	95	0.00	16.52
82	M	1,2,3-TRICHLOROPROPANE	0.103	0.105	-1.9	101	0.00	16.56
83	M	n-PROPYLBENZENE	1.418	1.440	-1.6	99	0.00	16.57
84	M	O-CHLOROTOLUENE	1.000	0.989	1.1	100	0.00	16.74
85	M	1,3,5-TRIMETHYLBENZENE	1.025	1.029	-0.4	99	0.00	16.72
86	M	P-CHLOROTOLUENE	0.925	0.910	1.6	100	0.00	16.85
87	M	tert-BUTYLBENZENE	0.961	0.956	0.5	99	0.00	17.10
88	M	1,2,4-TRIMETHYLBENZENE	1.068	1.066	0.2	98	0.00	17.14
89	M	PENTACHLOROETHANE	0.203	0.204	-0.5	98	0.00	17.21
90	M	sec-BUTYLBENZENE	1.342	1.365	-1.7	99	0.00	17.32
91	M	p-ISOPROPYLTOLUENE	1.179	1.192	-1.1	99	0.00	17.45
92	M	M-DICHLOROBENZENE	0.707	0.698	1.3	98	0.00	17.55
93	M	P-DICHLOROBENZENE	0.724	0.713	1.5	99	0.00	17.64
94	M	n-BUTYLBENZENE	1.038	1.052	-1.3	98	0.00	17.89
95	M	O-DICHLOROBENZENE	0.680	0.664	2.4	98	0.00	18.07
96	M	HEXACHLOROETHANE	0.239	0.243	-1.7	100	0.00	18.35
97	M	1,2-DIBROMO-3-CHLOROPROPA	0.058	0.062	-6.9	97	0.00	18.93

Initial Calibration Verification

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V2B2153-ICV2153
Lab FileID: 2B48949.D

98	M	NITROBENZENE	0.028	0.032	-14.3	95	0.00	19.17
99	M	1,2,4-TRICHLOROBENZENE	0.525	0.509	3.0	98	0.00	19.81
100	M	HEXACHLOROBUTADIENE	0.308	0.296	3.9	98	0.00	19.91
101	M	NAPHTHALENE	1.050	1.035	1.4	95	0.00	20.13
102	M	1,2,3-TRICHLOROBENZENE	0.469	0.451	3.8	96	0.00	20.41

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

2B48944.D M2B2153.M Wed Sep 17 09:45:42 2008 MS2B

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5

Continuing Calibration Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V2B2159-CC2153
Lab FileID: 2B49060.D

Evaluate Continuing Calibration Report

Data File : C:\MSDCHEM\1\DATA\2B49060.D Vial: 24
Acq On : 18 Sep 2008 9:14 pm Operator: mohui
Sample : cc2153-10 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: tteint.p

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Multiple Level Calibration

Min. RRF : 0.010 Min. Rel. Area : 50% Max. R.T. Dev 0.30min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)	R.T.
1	I	Tert Butyl Alcohol-d9	1.000	1.000	0.0	70	0.00	8.46
2	M	TERTIARY BUTYL ALCOHOL	0.849	0.927	-9.2	76	0.00	8.58
3	I	FLUOROBENZENE	1.000	1.000	0.0	90	0.00	11.73
4	S	4-BROMOFLUOROBENZENE (S)	0.392	0.411	-4.8	93	0.00	16.37
5	S	1,2-DICHLOROBENZENE-d4 (S	0.469	0.482	-2.8	91	0.00	18.05
6	M	DICHLORODIFLUOROMETHANE	0.220	0.252	-14.5	94	0.00	4.48
7	M	CHLOROMETHANE	0.296	0.277	6.4	87	0.00	4.87
8	M	VINYL CHLORIDE	0.255	0.260	-2.0	89	0.01	5.17
9	M	BROMOMETHANE	0.235	0.211	10.2	92	0.00	5.95
10	M	CHLOROETHANE	0.147	0.152	-3.4	88	0.01	6.16
11	M	TRICHLOROFLUOROMETHANE	0.327	0.388	-18.7	100	0.00	6.69
12	M	ETHYL ETHER	0.138	0.115	16.7	75	0.00	7.16
		----------	True	Calc.	% Drift	----------		
13	M	ACROLEIN	100.000	115.847	-15.8	97	0.00	7.49
		----------	AvgRF	CCRF	% Dev	----------		
14	M	1,1-DICHLOROETHYLENE	0.177	0.163	7.9	83	0.01	7.66
15	M	FREON 113	0.170	0.181	-6.5	89	0.00	7.60
16	M	ACETONE	0.016	0.015	6.3	77	0.00	7.74
17	M	IODOMETHANE	0.362	0.310	14.4	78	0.00	7.98
18	M	CARBON DISULFIDE	0.512	0.477	6.8	84	0.00	8.11
19	M	METHYL ACETATE	0.184	0.189	-2.7	88	0.00	8.26
20	M	ALLYL CHLORIDE	0.110	0.106	3.6	83	0.00	8.26
21	M	METHYLENE CHLORIDE	0.231	0.228	1.3	94	0.00	8.49
22	M	ACRYLONITRILE	0.091	0.084	7.7	81	0.00	8.87
23	M	METHYL TERT BUTYL ETHER	0.695	0.608	12.5	81	0.00	8.83
24	M	trans-1,2-DICHLOROETHYLEN	0.305	0.283	7.2	87	0.00	8.89
25	M	HEXANE	0.244	0.234	4.1	81	0.00	9.20
26	M	VINYL ACETATE	0.000	0.000#	0.0	82	0.00	9.50
27	M	1,1-DICHLOROETHANE	0.404	0.375	7.2	88	0.00	9.52
28	M	DI-ISOPROPYL ETHER	0.769	0.647	15.9	79	0.00	9.47
29	M	ETHYL TERT-BUTYL ETHER	0.741	0.675	8.9	83	0.00	9.98
30	M	2-BUTANONE	0.008	0.009#	-12.5	82	0.00	10.30
31	M	ETHYL ACETATE	0.000	0.000#	0.0	70	0.00	11.34
32	M	2,2-DICHLOROPROPANE	0.336	0.326	3.0	103	0.01	10.32
33	M	cis-1,2-DICHLOROETHYLENE	0.391	0.374	4.3	89	0.00	10.32
34	M	PROPIONITRILE	0.035	0.032	8.6	82	0.00	10.41
35	M	METHYLACRYLATE	0.251	0.229	8.8	78	0.00	10.39
36	M	METHACRYLONITRILE	0.163	0.129	20.9	75	0.00	10.60
37	M	BROMOCHLOROMETHANE	0.129	0.121	6.2	84	0.00	10.66

Continuing Calibration Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V2B2159-CC2153
Lab FileID: 2B49060.D

38	M	CHLOROFORM	0.427	0.418	2.1	93	0.00	10.72
39	M	TETRAHYDROFURAN	0.086	0.063	26.7	70	0.00	10.70
40	M	1,4-DIOXANE	0.002	0.002#	0.0	68	0.00	12.57
41	M	1,1,1-TRICHLOROETHANE	0.360	0.367	-1.9	94	0.00	10.96
42	M	CYCLOHEXANE	0.275	0.271	1.5	82	0.00	11.03
43	M	1-CHLOROBUTANE	0.718	0.672	6.4	81	0.00	11.05
44	M	1,1-DICHLOROPROPENE	0.284	0.270	4.9	86	0.00	11.15
45	M	CARBON TETRACHLORIDE	0.311	0.331	-6.4	96	0.00	11.17
46		TERT AMYL ALCOHOL	0.000	0.000#	0.0	81	0.00	11.35
47	M	1,2-DICHLOROETHANE	0.324	0.334	-3.1	97	0.00	11.46
48	M	BENZENE	0.875	0.821	6.2	87	0.00	11.43
49	M	TERT AMYL METHYL ETHER	0.751	0.722	3.9	88	0.00	11.45
50	M	TRICHLOROETHYLENE	0.235	0.227	3.4	90	0.00	12.17
51	M	METHYLCYCLOHEXANE	0.343	0.339	1.2	83	0.00	12.37
52	M	METHYL METHACRYLATE	0.165	0.145	12.1	77	0.00	12.44
53	M	1,2-DICHLOROPROPANE	0.228	0.216	5.3	88	0.00	12.45
54	M	DIBROMOMETHANE	0.153	0.159	-3.9	93	0.00	12.63
55	M	BROMODICHLOROMETHANE	0.324	0.332	-2.5	94	0.00	12.76
56	M	CHLOROACETONITRILE	0.023	0.023	0.0	84	0.00	12.99
57	M	2-NITROPROPANE	0.125	0.109	12.8	83	0.00	12.99
58	M	2-CHLOROETHYL VINYL ETHER	0.158	0.157	0.6	87	0.00	12.99
59	M	cis-1,3-DICHLOROPROPENE	0.373	0.352	5.6	87	0.00	13.23
60	M	4-METHYL-2-PENTANONE	0.034	0.031	8.8	79	0.00	13.32
61	M	1,1-DICHLOROPROPANONE	0.104	0.096	7.7	87	0.00	13.45
62	M	TOLUENE	0.563	0.527	6.4	86	0.00	13.60
63	M	trans-1,3-DICHLOROPROPENE	0.358	0.360	-0.6	92	0.00	13.82
64	M	ETHYL METHACRYLATE	0.303	0.255	15.8	74	0.00	13.79
65	M	1,1,2-TRICHLOROETHANE	0.191	0.186	2.6	89	0.00	14.05
66	M	1,3-DICHLOROPROPANE	0.376	0.363	3.5	89	0.00	14.25
67	M	2-HEXANONE	0.032	0.027	15.6	68	0.00	14.22
68	M	TETRACHLOROETHYLENE	0.329	0.284	13.7	80	0.00	14.22
69	M	DIBROMOCHLOROMETHANE	0.273	0.268	1.8	89	0.00	14.53
70	M	1,2-DIBROMOETHANE	0.241	0.235	2.5	86	0.00	14.70
71	M	CHLOROBENZENE	0.704	0.646	8.2	84	0.00	15.17
72	M	1,1,1,2-TETRACHLOROETHANE	0.273	0.266	2.6	90	0.00	15.24
73	M	ETHYLBENZENE	1.136	1.085	4.5	87	0.00	15.22
74	M	m,p-XYLENE	0.459	0.432	5.9	86	0.00	15.33
75	M	o-XYLENE	0.467	0.437	6.4	86	0.00	15.78
76	M	STYRENE	0.755	0.707	6.4	83	0.00	15.79
77	M	BROMOFORM	0.227	0.208	8.4	82	0.00	16.10
78	M	ISOPROPYLBENZENE	1.066	1.011	5.2	86	0.00	16.13
79	M	BROMOBENZENE	0.378	0.353	6.6	88	0.00	16.58
80	M	1,1,2,2-TETRACHLOROETHANE	0.323	0.319	1.2	91	0.00	16.48
81	M	TRANS-1,4-DICHLORO-2-BUTE	0.100	0.094	6.0	83	0.00	16.52
82	M	1,2,3-TRICHLOROPROPANE	0.103	0.108	-4.9	95	0.00	16.56
83	M	n-PROPYLBENZENE	1.418	1.427	-0.6	91	0.00	16.56
84	M	O-CHLOROTOLUENE	1.000	1.019	-1.9	95	0.00	16.74
85	M	1,3,5-TRIMETHYLBENZENE	1.025	1.002	2.2	89	0.00	16.72
86	M	P-CHLOROTOLUENE	0.925	0.923	0.2	93	0.00	16.84
87	M	tert-BUTYLBENZENE	0.961	0.906	5.7	86	0.00	17.10
88	M	1,2,4-TRIMETHYLBBNZENE	1.068	1.075	-0.7	92	0.00	17.14
89	M	PENTACHLOROETHANE	0.203	0.206	-1.5	91	0.00	17.21
90	M	sec-BUTYLBENZENE	1.342	1.343	-0.1	90	0.00	17.32
91	M	p-ISOPROPYLTOLUENE	1.179	1.164	1.3	89	0.00	17.44
92	M	M-DICHLOROBENZENE	0.707	0.687	2.8	89	0.00	17.55
93	M	P-DICHLOROBBNZENE	0.724	0.684	5.5	88	0.00	17.64
94	M	n-BUTYLBENZENE	1.038	1.076	-3.7	93	0.00	17.89
95	M	O-DICHLOROBENZENE	0.680	0.657	3.4	90	0.00	18.07
96	M	HEXACHLOROETHANE	0.239	0.219	8.4	83	0.00	18.35
97	M	1,2-DIBROMO-3-CHLOROPROPA	0.058	0.055	5.2	80	0.00	18.93

5.7 5

Continuing Calibration Summary

Job Number: JA476
Account: EPMNYLS Environmental Planning and Management
Project: Katonah, Katonah, NY

Sample: V2B2159-CC2153
Lab FileID: 2B49060.D

98	M	NITROBENZENE	0.028	0.030	-7.1	81	0.00	19.16
99	M	1,2,4-TRICHLOROBENZENE	0.525	0.472	10.1	84	0.00	19.81
100	M	HEXACHLOROBUTADIENE	0.308	0.272	11.7	83	0.00	19.91
101	M	NAPHTHALENE	1.050	1.027	2.2	87	0.00	20.13
102	M	1,2,3-TRICHLOROBENZENE	0.469	0.432	7.9	85	0.00	20.40

(#) = Out of Range SPCC's out = 0 CCC's out = 0
2B48944.D M2B2153.M Tue Sep 23 08:49:26 2008 MS2B

5.7

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GC/MS Volatiles

6

Raw Data

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49078.D Vial: 42
Acq On : 19 Sep 2008 7:25 am Operator: mohui
Sample : ja476-1 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 07:51:15 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

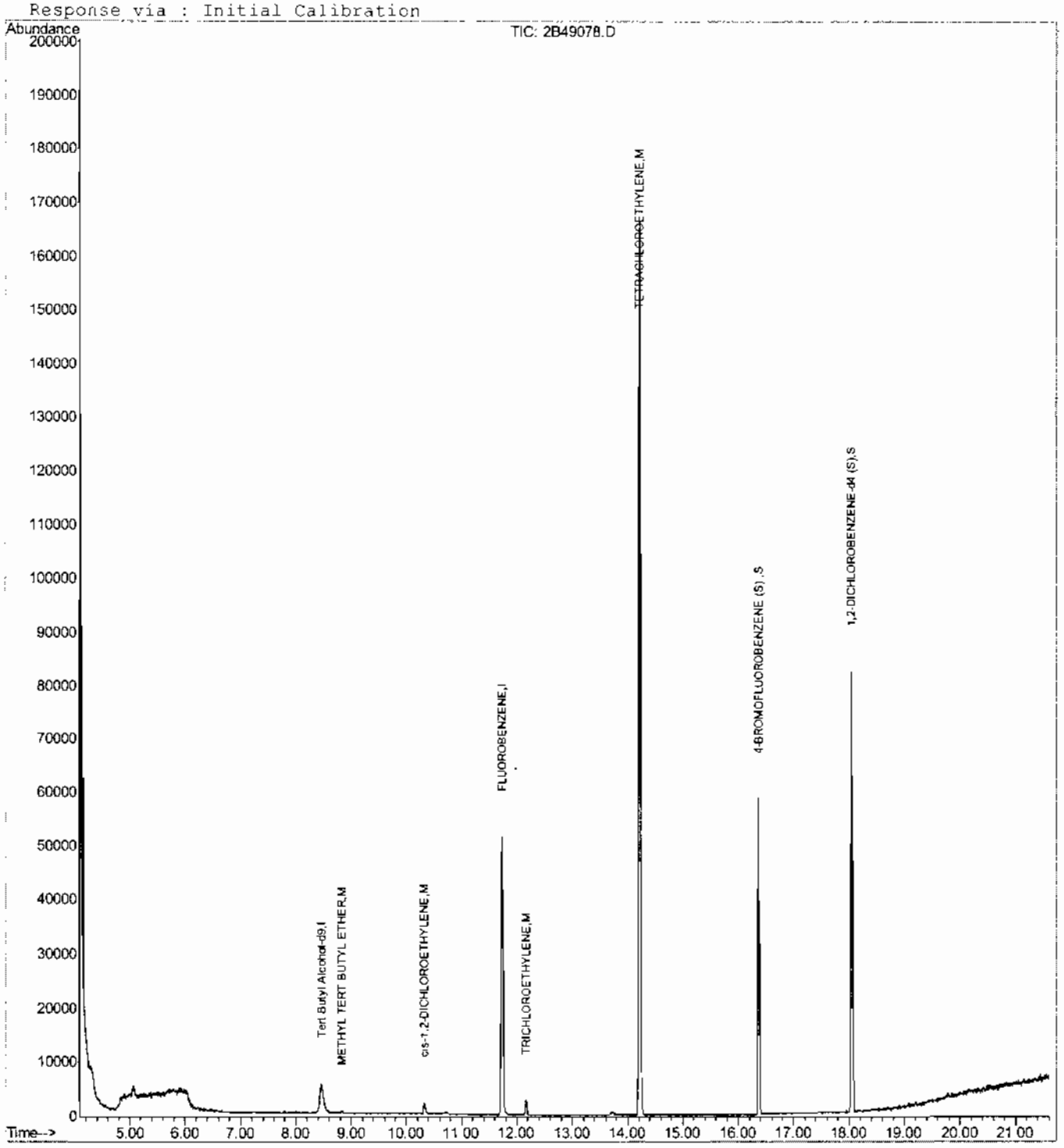
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	14312	50.00	PPB	0.00
3) FLUOROBENZENE	11.73	96	62545	5.00	PPb	0.00
System Monitoring Compounds						
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	22750	4.63	PPb	0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 92.60%			
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	27757	4.73	PPb	0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 94.60%			
Target Compounds						Qvalue
23) METHYL TERT BUTYL ETHER	8.84	73	633	0.07	PPb	# 55
33) cis-1,2-DICHLOROETHYLENE	10.32	61	1805	0.37	PPb	94
50) TRICHLOROETHYLENE	12.16	95	1235	0.42	PPb	# 88
68) TETRACHLOROETHYLENE	14.21	166	62773	15.25	PPb	98

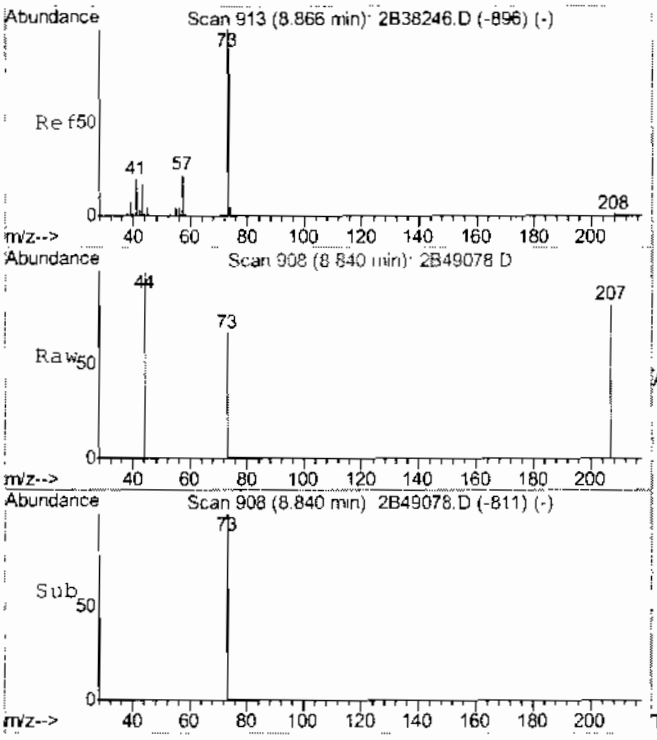
(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49078.D M2B2153.M Tue Sep 23 09:07:37 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49078.D Vial: 42
Acq On : 19 Sep 2008 7:25 am Operator: mohui
Sample : ja476-1 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 9:02 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration

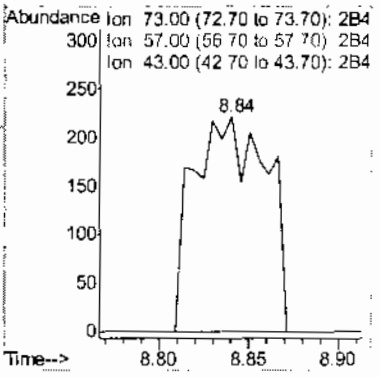


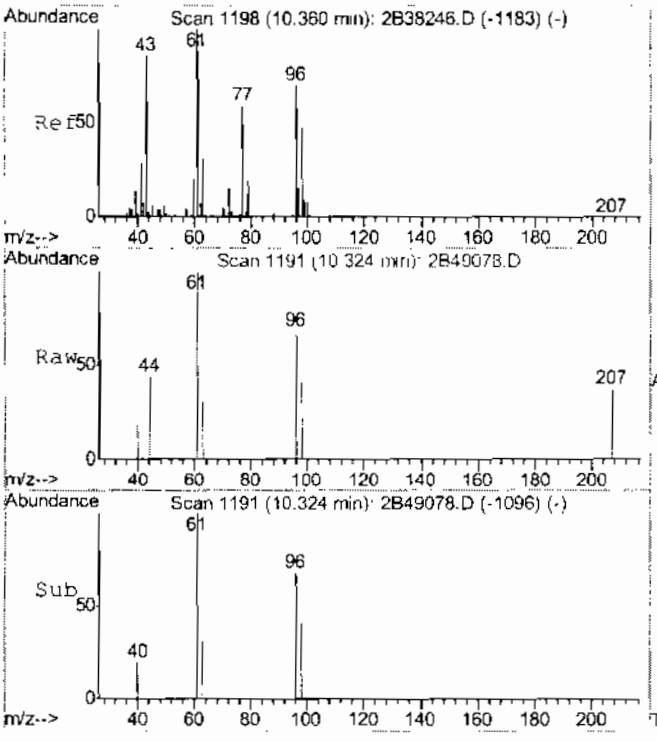


#23
METHYL TERT BUTYL ETHER
Concen: 0.07 PPb
RT: 8.84 min Scan# 908
Delta R.T. 0.01 min
Lab File: 2B49078.D
Acq: 19 Sep 2008 7:25 am

Tgt Ion: 73 Resp: 633

Ion	Ratio	Lower	Upper
73	100		
57	0.0	1.0	41.0#
43	0.0	1.9	41.9#

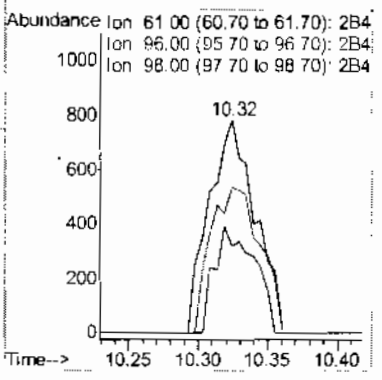




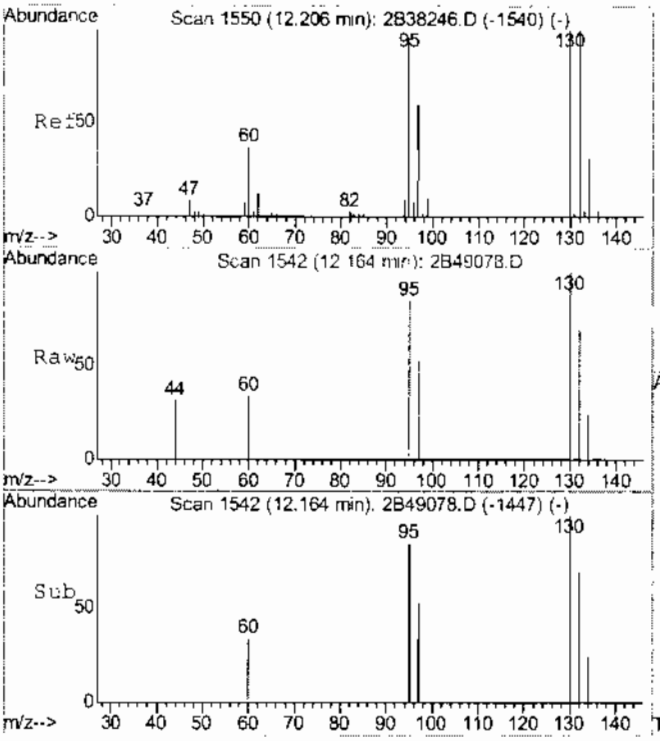
#33
cis-1,2-DICHLOROETHYLENE
Concen: 0.37 PPb
RT: 10.32 min Scan# 1191
Delta R.T. 0.00 min
Lab File: 2B49078.D
Acq: 19 Sep 2008 7:25 am

Tgt Ion: 61 Resp: 1805

Ion	Ratio	Lower	Upper
61	100		
96	68.3	52.6	92.6
98	40.6	25.3	65.3



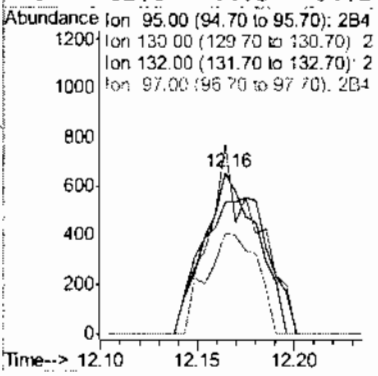
6.1.1

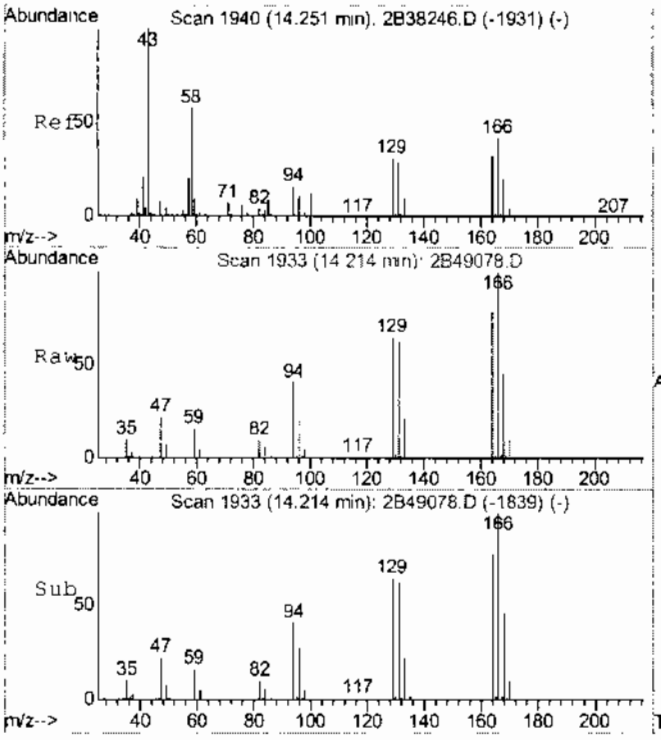


#50
TRICHLOROETHYLENE
Concen: 0.42 PPb
RT: 12.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: 2B49078.D
Acq: 19 Sep 2008 7:25 am

Tgt Ion: 95 Resp: 1235

Ion	Ratio	Lower	Upper
95	100		
130	117.4	86.7	126.7
132	81.7	82.8	122.8#
97	62.0	44.2	84.2

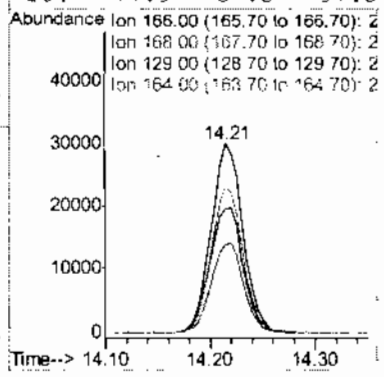




#68
TETRACHLOROETHYLENE
Concen: 15.25 PPb
RT: 14.21 min Scan# 1933
Delta R.T. -0.01 min
Lab File: 2B49078.D
Acq: 19 Sep 2008 7:25 am

Tgt Ion:166 Resp: 62773

Ion	Ratio	Lower	Upper
166	100		
168	46.3	26.9	66.9
129	65.3	42.3	82.3
164	77.9	57.3	97.3



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49067.D Vial: 31
Acq On : 19 Sep 2008 12:53 am Operator: mohui
Sample : ja476-2 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 01:19:50 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	13510	50.00	PPB	0.00
3) FLUOROBENZENE	11.73	96	65039	5.00	PPb	0.00
System Monitoring Compounds						
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	23531	4.61	PPb	0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 92.20%			
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	27914	4.58	PPb	0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 91.60%			

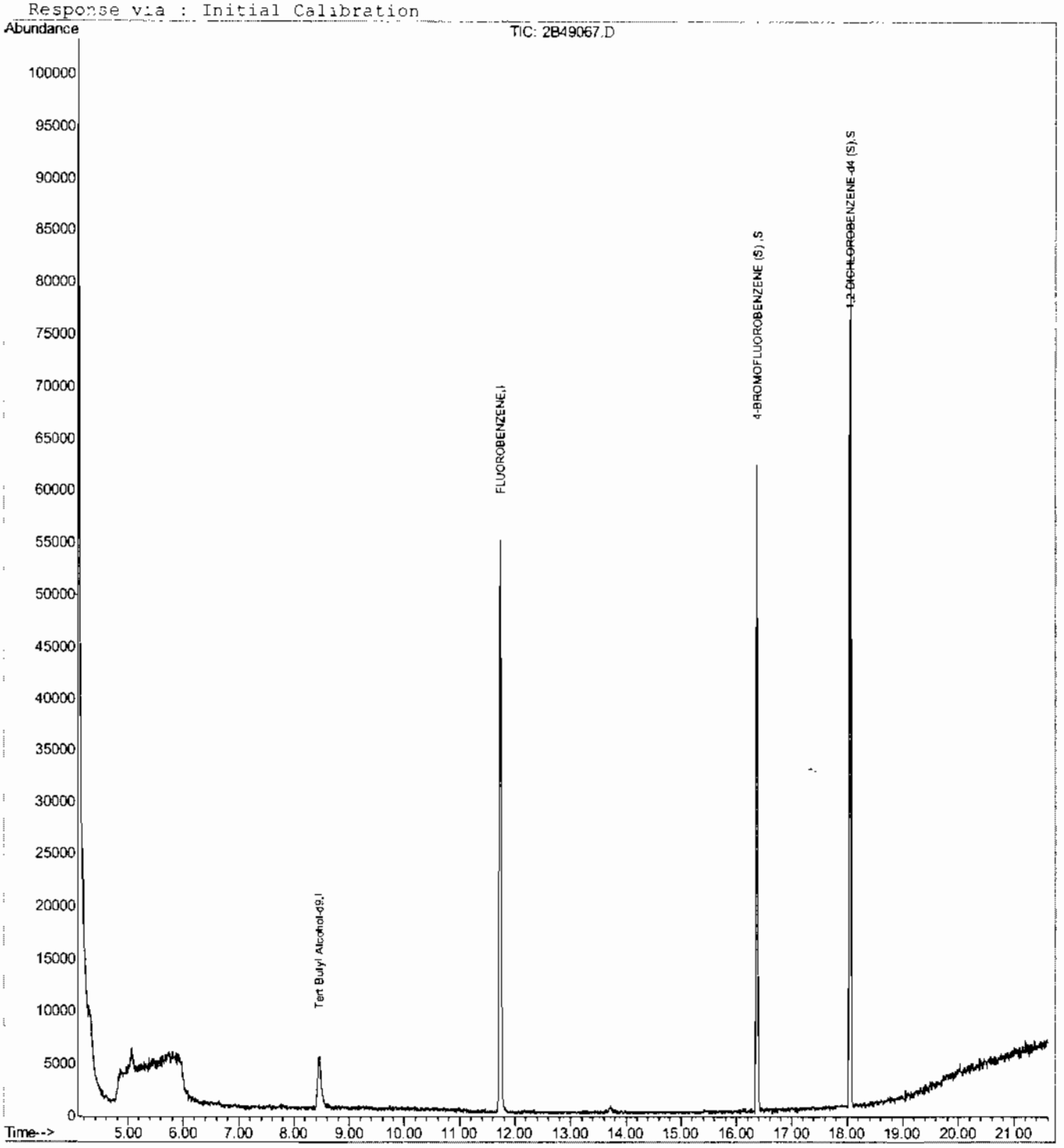
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49067.D M2B2153.M Tue Sep 23 09:05:52 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49067.D Vial: 31
Acq On : 19 Sep 2008 12:53 am Operator: mohui
Sample : ja476-2 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 8:52 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49068.D Vial: 32
Acq On : 19 Sep 2008 1:24 am Operator: mohui
Sample : ja476-3 Inst : MS2B
Misc : MS?0178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 01:50:18 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

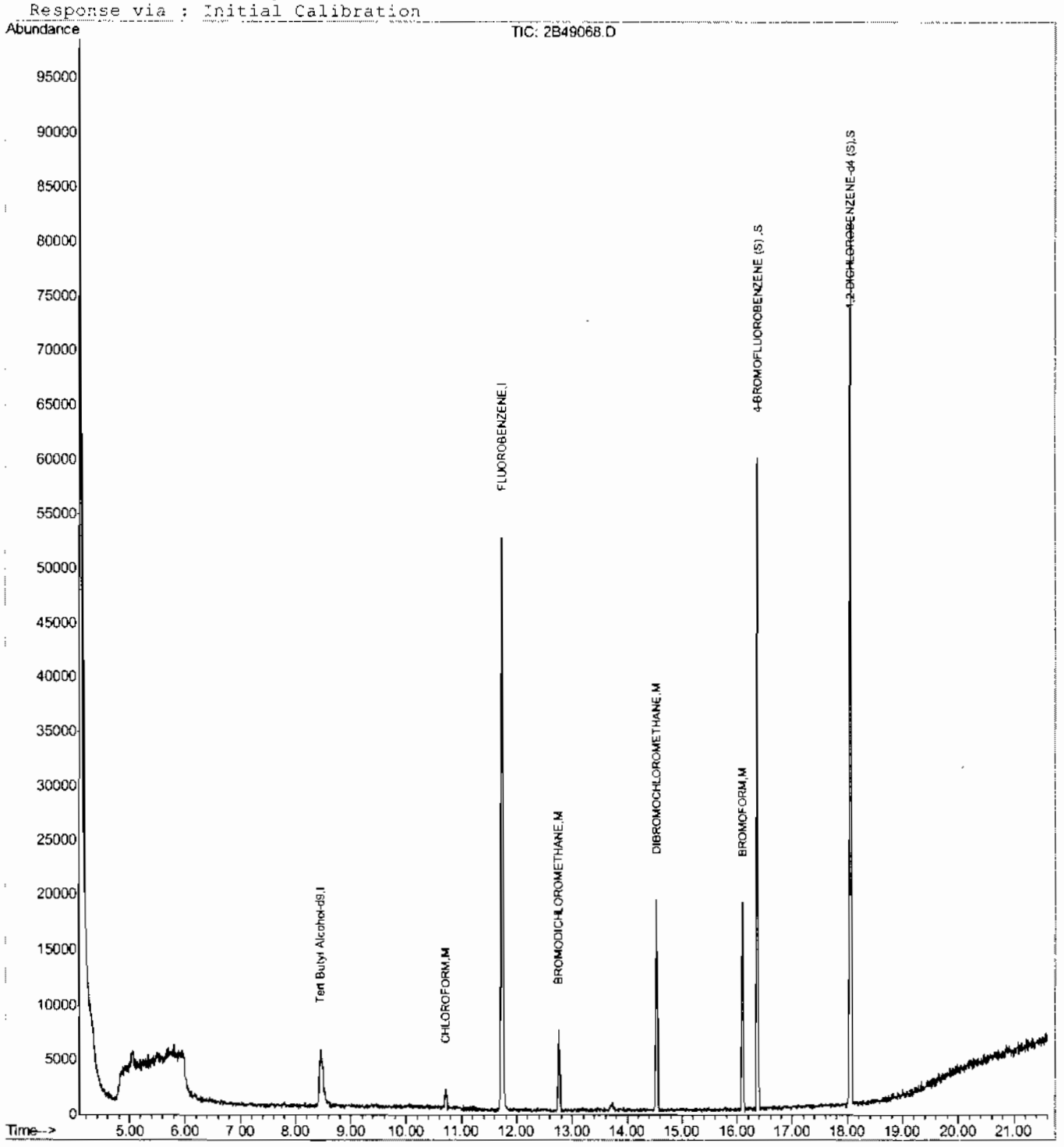
Internal Standards	R.T.	Qion	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	14004	50.00	PPB	0.00
3) FLUOROBENZENE	11.73	96	63245	5.00	PPb	0.00
System Monitoring Compounds						
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	23253	4.68	PPb	0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 93.60%			
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	27082	4.57	PPb	0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 91.40%			
Target Compounds						Qvalue
38) CHLOROFORM	10.71	83	2111	0.39	PPb	# 83
55) BROMODICHLOROMETHANE	12.75	83	6469	1.58	PPb	98
69) DIBROMOCHLOROMETHANE	14.53	129	13365	3.87	PPb	95
77) BROMOFORM	16.10	173	11540	4.03	PPb	99

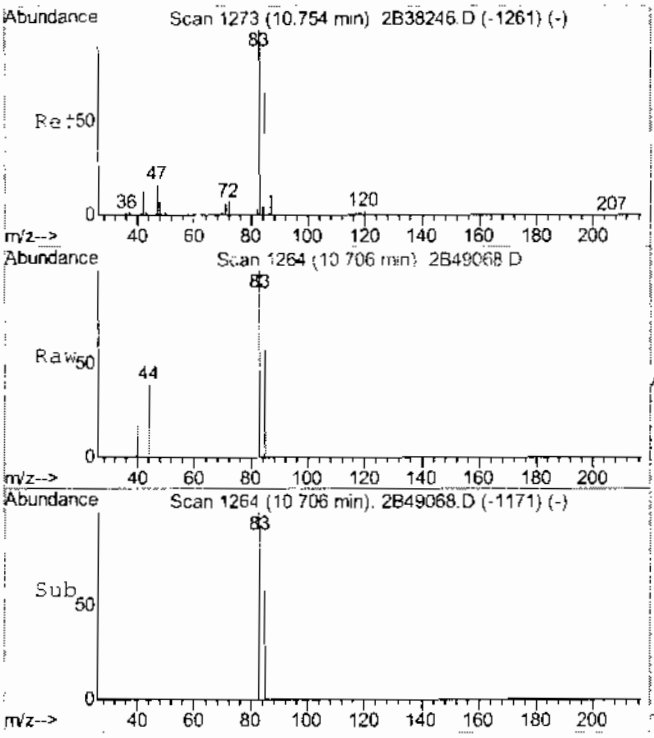
(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49068.D M2B2153.M Tue Sep 23 09:05:57 2006 MS2B Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49068.D Vial: 32
Acq On : 19 Sep 2008 1:24 am Operator: mohui
Sample : ja476-3 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 8:53 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration

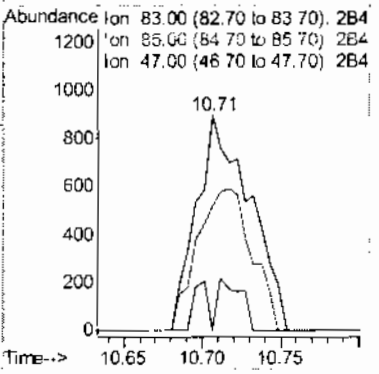


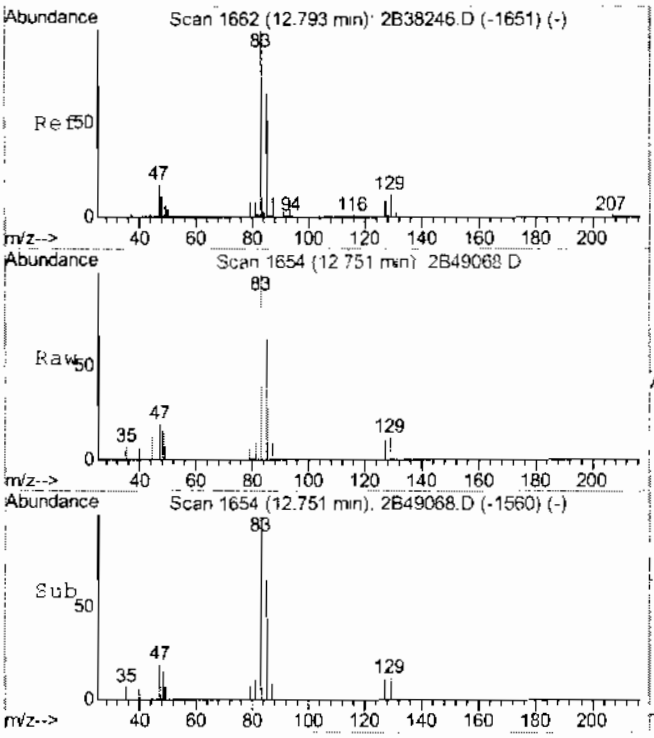


#38
CHLOROFORM
Concen: 0.39 PPb
RT: 10.71 min Scan# 1264
Delta R.T. -0.01 min
Lab File: 2B49068.D
Acq: 19 Sep 2008 1:24 am

Tgt Ion: 83 Resp: 2111

Ion	Ratio	Lower	Upper
83	100		
85	57.8	43.5	83.5
47	0.0	1.0	41.0#

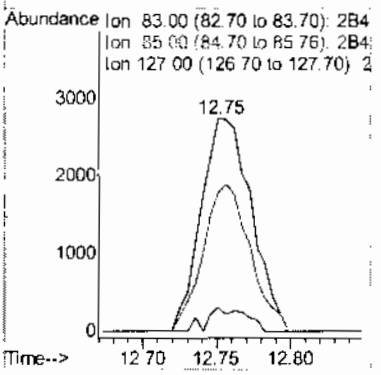




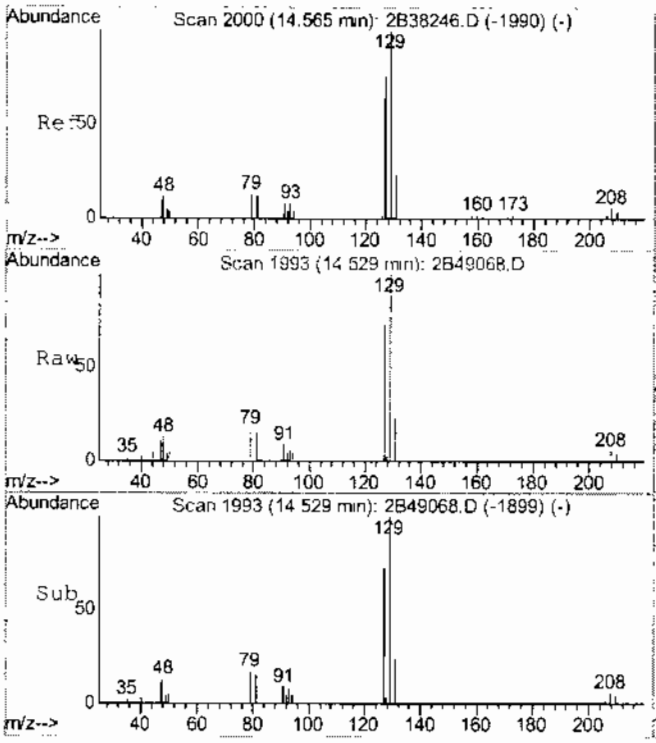
#55
BROMODICHLOROMETHANE
Concen: 1.58 PPb
RT: 12.75 min Scan# 1654
Delta R.T. -0.01 min
Lab File: 2B49068.D
Acq: 19 Sep 2008 1:24 am

Tgt Ion: 83 Resp: 6469

Ion	Ratio	Lower	Upper
83	100		
85	65.0	46.5	86.5
127	11.2	0.0	30.3



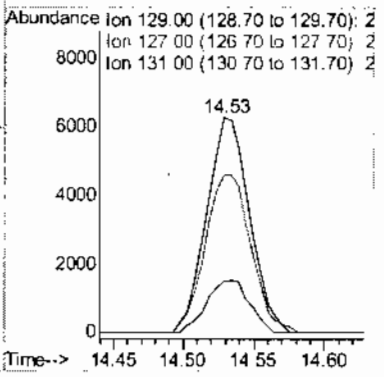
6.1.3

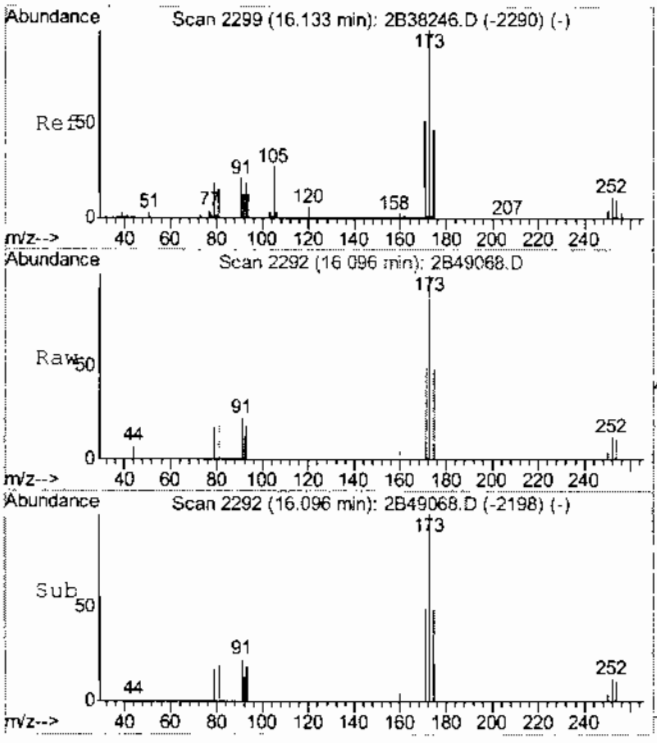


#69
DIBROMOCHLOROMETHANE
Concen: 3.87 PPb
RT: 14.53 min Scan# 1993
Delta R.T. -0.01 min
Lab File: 2B49068.D
Acq: 19 Sep 2008 1:24 am

Tgt Ion:129 Resp: 13365

Ion	Ratio	Lower	Upper
129	100		
127	73.2	58.5	98.5
131	23.9	5.8	45.8

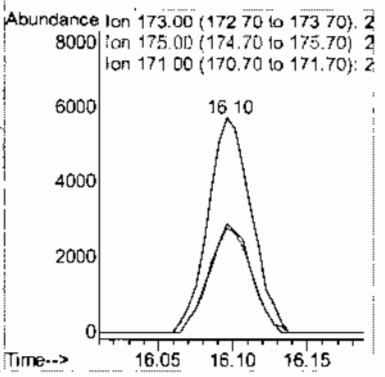




#77
BROMOFORM
Concen: 4.03 PPb
RT: 16.10 min Scan# 2292
Delta R.T. -0.01 min
Lab File: 2B49068.D
Acq: 19 Sep 2008 1:24 am

Tgt Ion:173 Resp: 11540

Ion	Ratio	Lower	Upper
173	100		
175	68.7	27.9	67.9
171	50.4	30.1	70.1



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49069.D Vial: 33
Acq On : 19 Sep 2008 1:55 am Operator: mohui
Sample : ja476-4 Inst : MS2B
Misc : MS?01?8,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 02:21:16 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

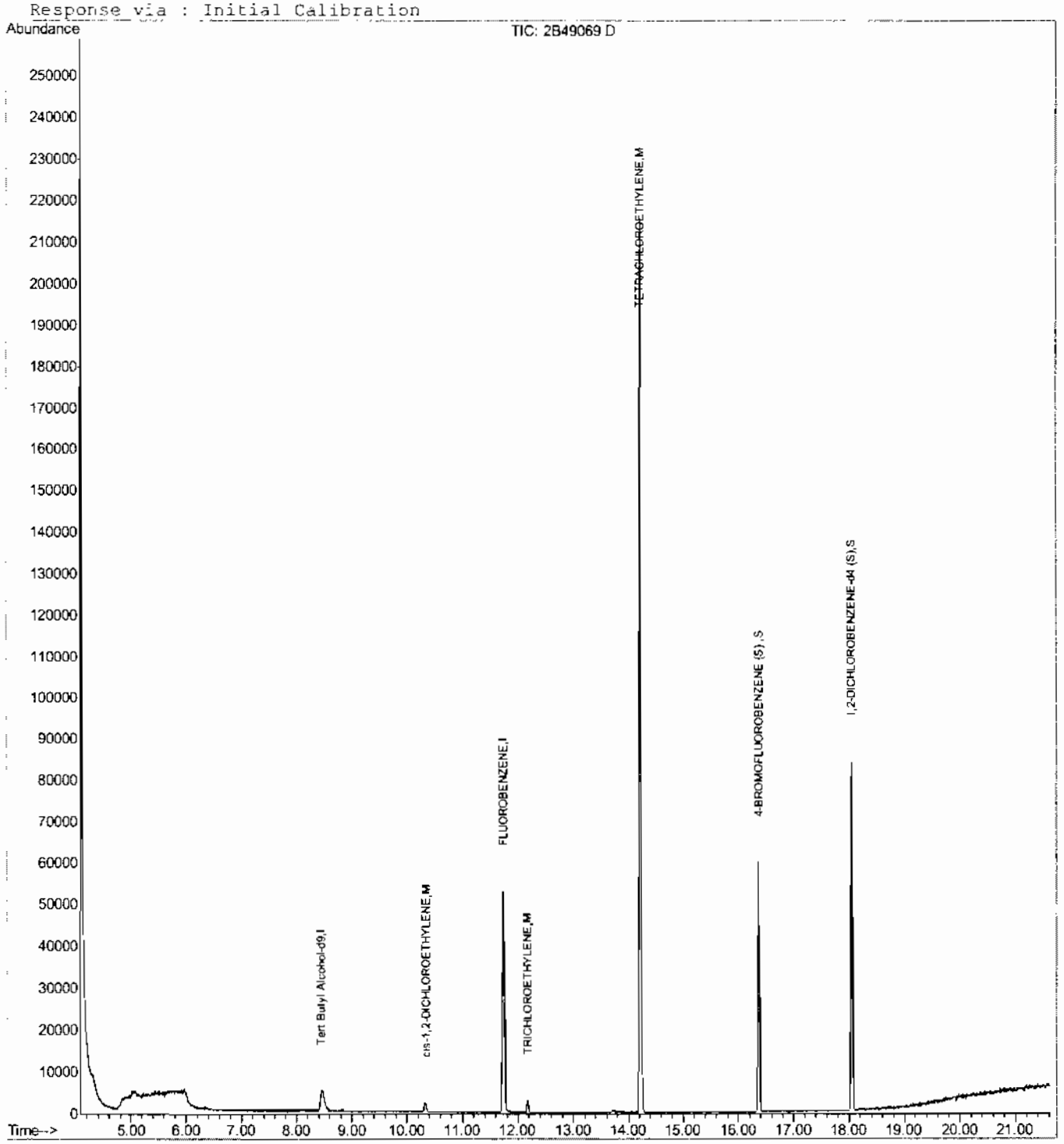
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	13438	50.00 PPB	0.00
3) FLUOROBENZENE	11.73	96	62631	5.00 PPb	0.00
System Monitoring Compounds					
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	23004	4.68 PPb	0.00
Spiked Amount 5.000	Range 71 - 123		Recovery =	93.60%	
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	27369	4.66 PPb	0.00
Spiked Amount 5.000	Range 74 - 123		Recovery =	93.20%	
Target Compounds					Qvalue
33) cis-1,2-DICHLOROETHYLENE	10.33	61	2050	0.42 PPb	97
50) TRICHLOROETHYLENE	12.17	95	1478	0.50 PPb	88
68) TETRACHLOROETHYLENE	14.21	166	81161	19.69 PPb	96

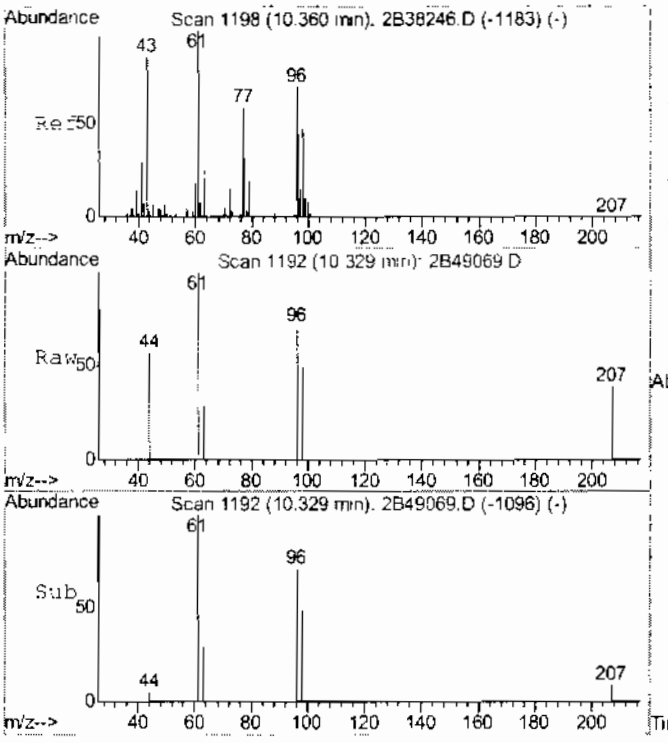
(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49069.D M2B2153.M Tue Sep 23 09:06:05 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49069.D Vial: 33
Acq On : 19 Sep 2008 1:55 am Operator: mohui
Sample : ja476-4 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 8:54 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration

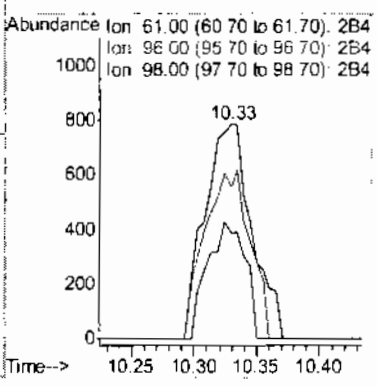


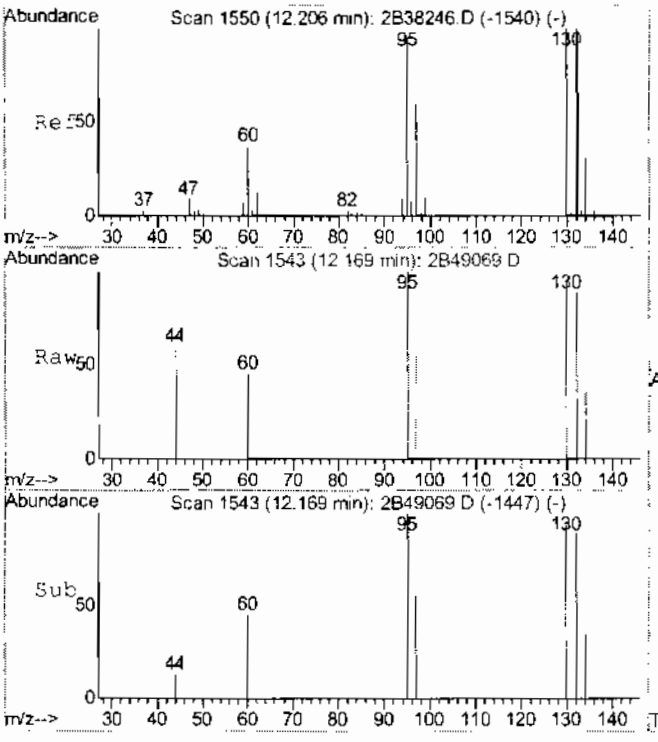


#33
cis-1,2-DICHLOROETHYLENE
Concen: 0.42 PPb
RT: 10.33 min Scan# 1192
Delta R.T. 0.01 min
Lab File: 2B49069.D
Acq: 19 Sep 2008 1:55 am

Tgt Ion: 61 Resp: 2050

Ion	Ratio	Lower	Upper
61	100		
96	70.8	52.6	92.6
98	48.9	25.3	65.3

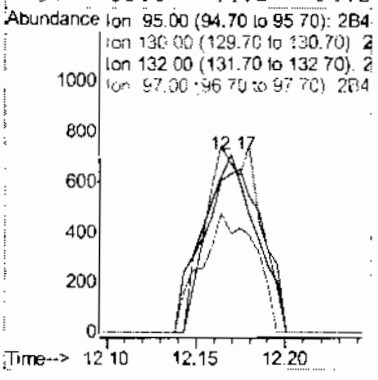


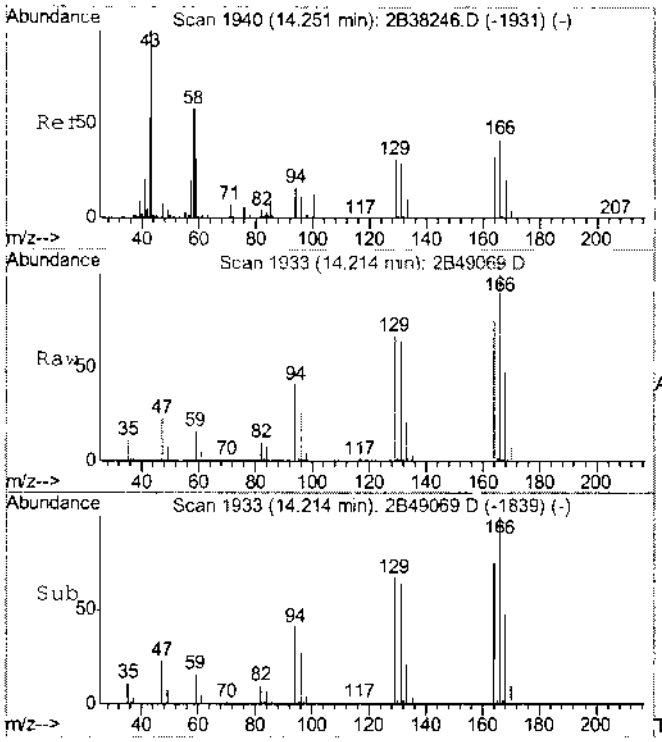


#50
TRICHLOROETHYLENE
Concen: 0.50 PPb
RT: 12.17 min Scan# 1543
Delta R.T. 0.01 min
Lab File: 2B49069.D
Acq: 19 Sep 2008 1:55 am

Tgt Ion: 95 Resp: 1478

Ion	Ratio	Lower	Upper
95	100		
130	94.5	86.7	126.7
132	89.4	82.8	122.8
97	55.8	44.2	84.2

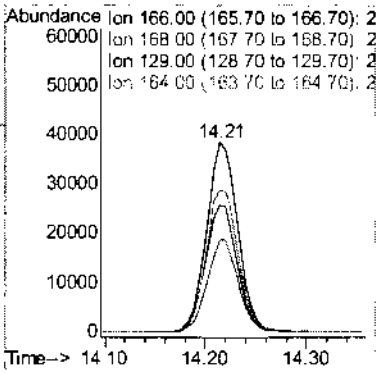




#68
TETRACHLOROETHYLENE
Concen: 19.69 PPb
RT: 14.21 min Scan# 1933
Delta R.T. -0.01 min
Lab File: 2B49069.D
Acq: 19 Sep 2008 1:55 am

Tgt Ion:166 Resp: 81161

Ion	Ratio	Lower	Upper
166	100		
168	48.1	26.9	66.9
129	66.7	42.3	82.3
164	74.6	57.3	97.3



6.1.4

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49070.D Vial: 34
Acq On : 19 Sep 2008 2:51 am Opetator: mohui
Sample : ja476-5 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 03:17:30 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

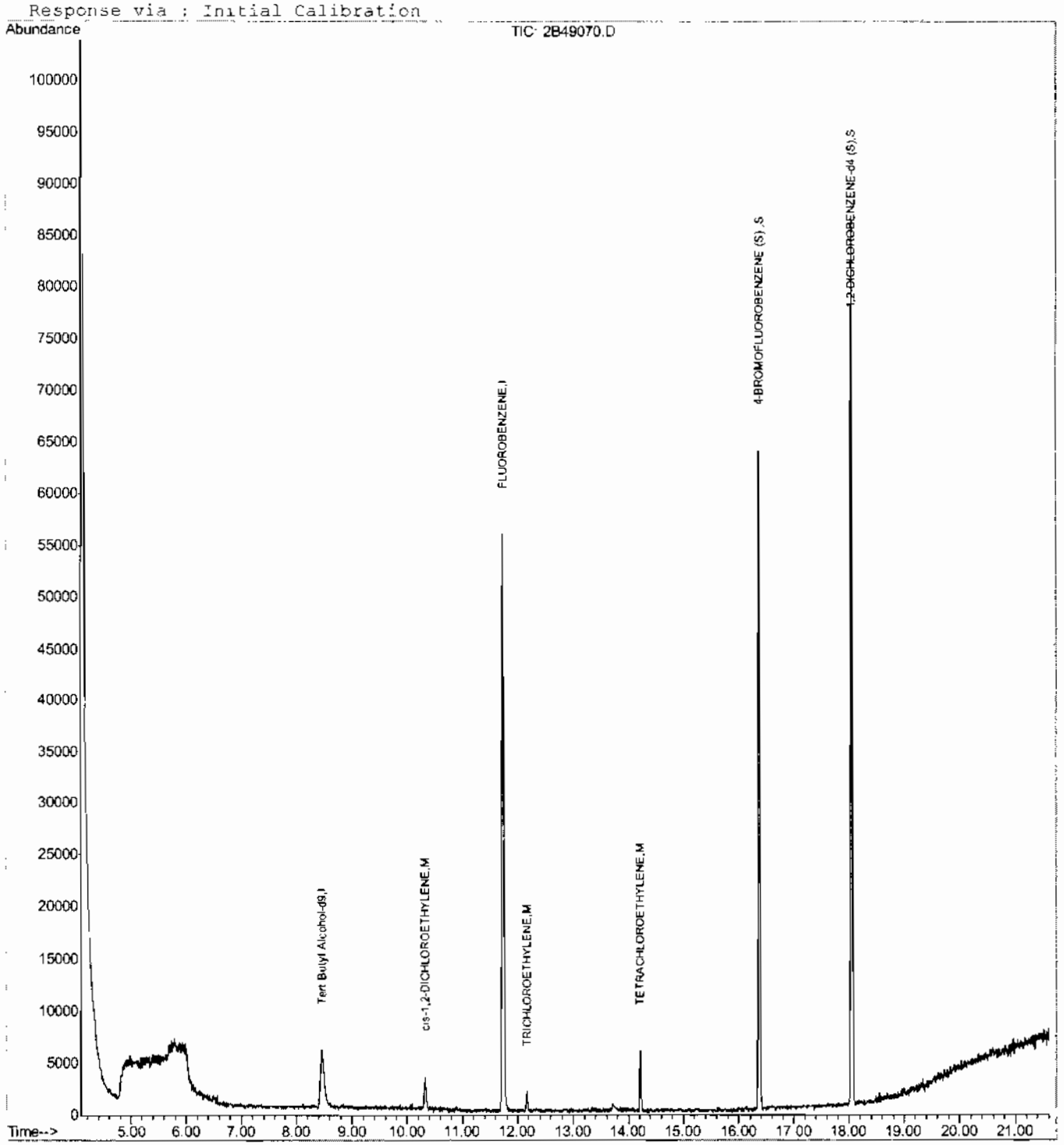
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.45	65	14856	50.00	PPB		0.00
3) FLUOROBENZENE	11.73	96	66371	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	24320	4.67	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 93.40%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	29464	4.74	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 94.80%				
Target Compounds							Qvalue
33) cis-1,2-DICHLOROETHYLENE	10.32	61	2664	0.51	PPb		85
50) TRICHLOROETHYLENE	12.16	95	790	0.25	PPb	#	71
68) TETRACHLOROETHYLENE	14.22	166	2412	0.55	PPb	#	83

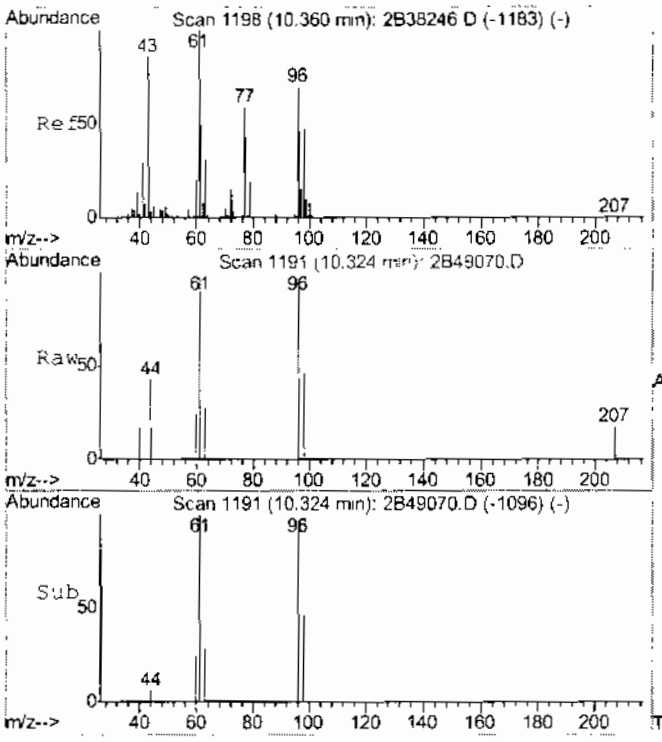
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49070.D Vial: 34
Acq On : 19 Sep 2008 2:51 am Operator: mohui
Sample : ja476-5 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 8:55 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration

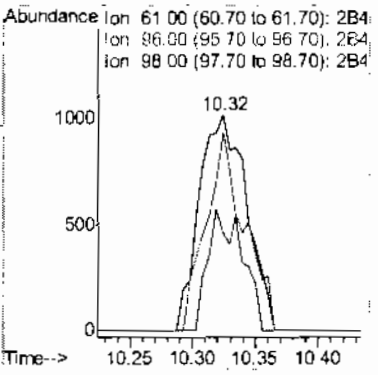


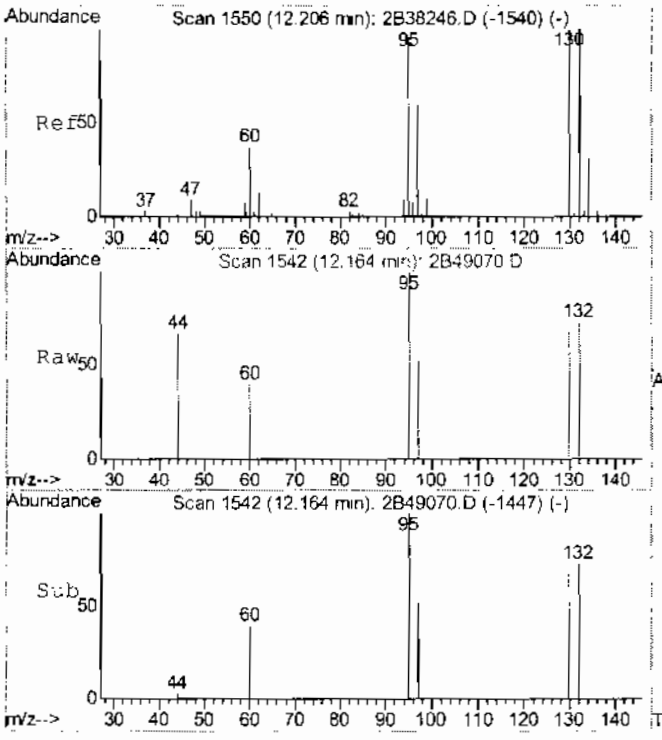


#33
cis-1,2-DICHLOROETHYLENE
Concen: 0.51 PPb
RT: 10.32 min Scan# 1191
Delta R.T. 0.00 min
Lab File: 2B49070.D
Acq: 19 Sep 2008 2:51 am

Tgt Ion: 61 Resp: 2664

Ion	Ratio	Lower	Upper
61	100		
96	92.3	52.6	92.6
98	45.6	25.3	65.3

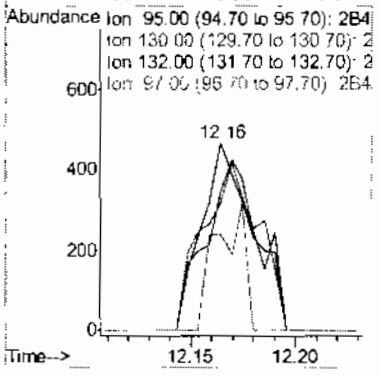


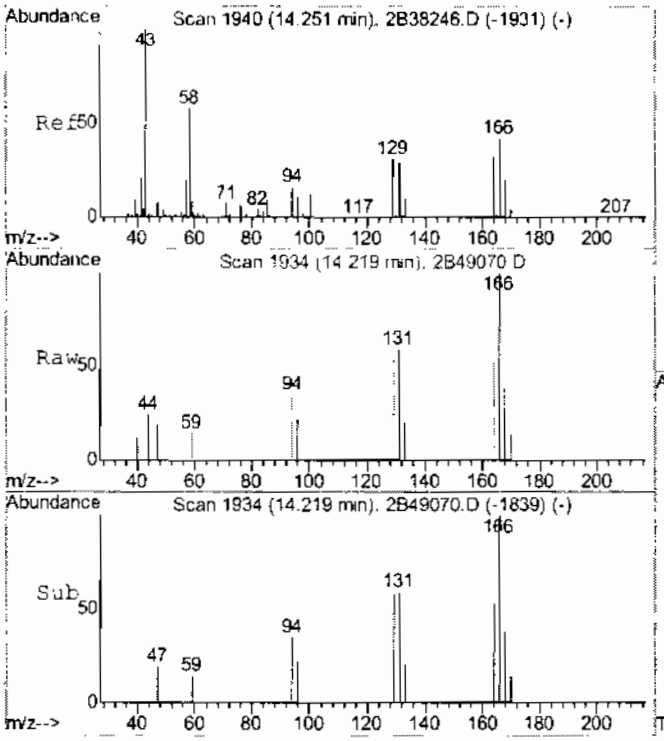


#50
TRICHLOROETHYLENE
Concen: 0.25 PPb
RT: 12.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: 2B49070.D
Acq: 19 Sep 2008 2:51 am

Tgt Ion: 95 Resp: 790

Ion	Ratio	Lower	Upper
95	100		
130	67.7	86.7	126.7#
132	73.4	82.8	122.8#
97	51.8	44.2	84.2

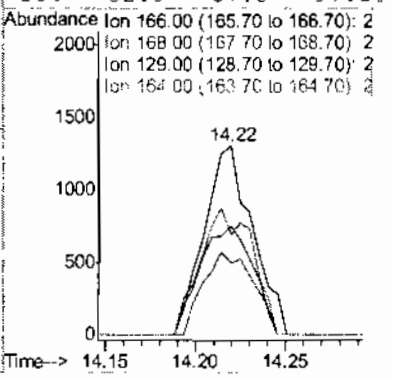




#68
TETRACHLOROETHYLENE
Concen: 0.55 PPb
RT: 14.22 min Scan# 1934
Delta R.T. 0.00 min
Lab File: 2B49070.D
Acq: 19 Sep 2008 2:51 am

Tgt Ion:166 Resp: 2412

Ion	Ratio	Lower	Upper
166	100		
168	37.9	26.9	66.9
129	57.7	42.3	82.3
164	52.9	57.3	97.3#



6.1.5

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49071.D Vial: 35
Acq On : 19 Sep 2008 3:22 am Operator: mohui
Sample : ja476-6 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 03:48:29 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

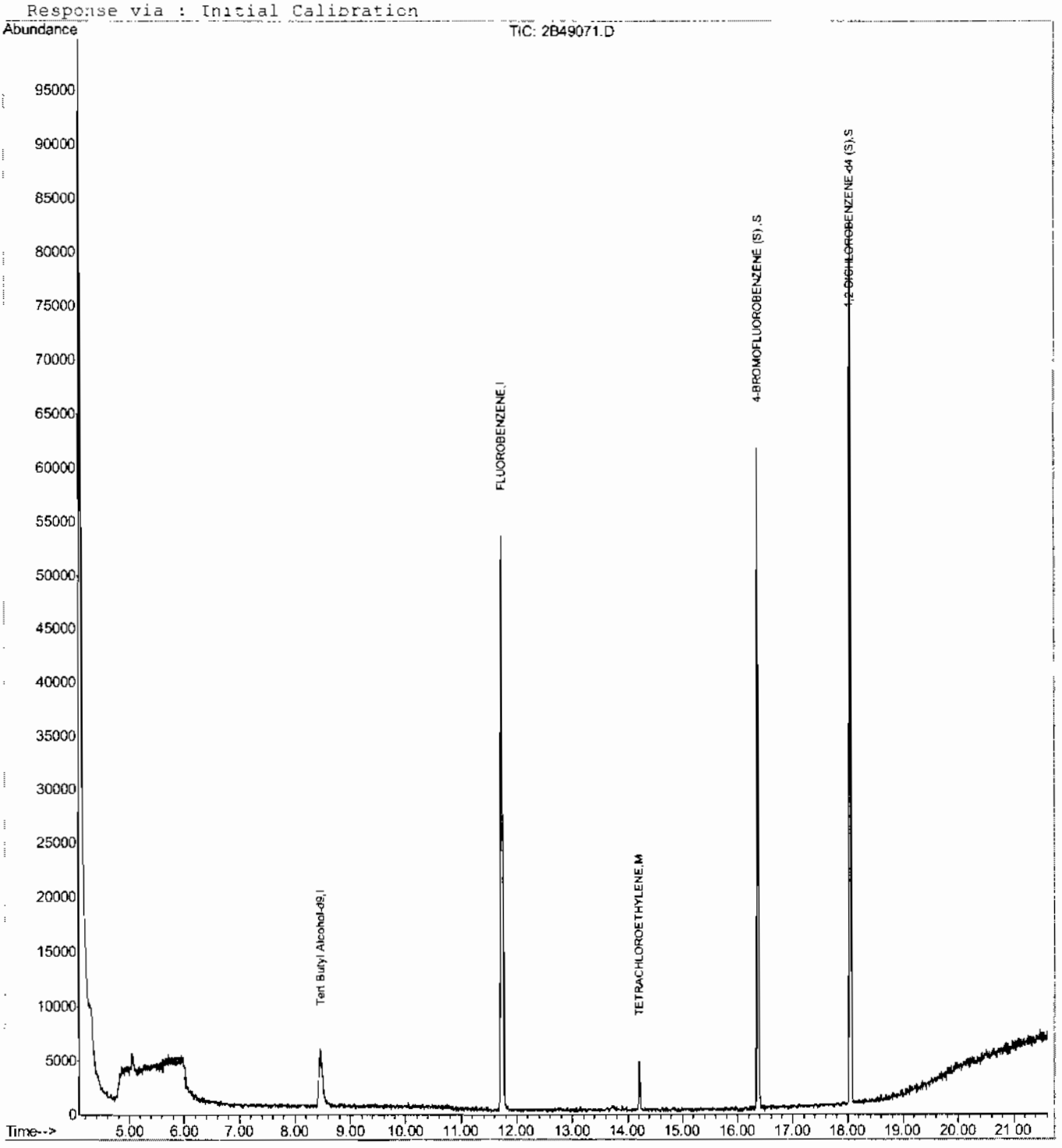
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	8.47	65	14586	50.00	PPB	0.01
3) FLUOROBENZENE	11.73	96	63429	5.00	PPb	0.00
System Monitoring Compounds						
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	23804	4.78	PPb	0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 95.60%			
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	27952	4.70	PPb	0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 94.00%			
Target Compounds						Qvalue
68) TETRACHLOROETHYLENE	14.22	166	1760	0.42	PPb	89

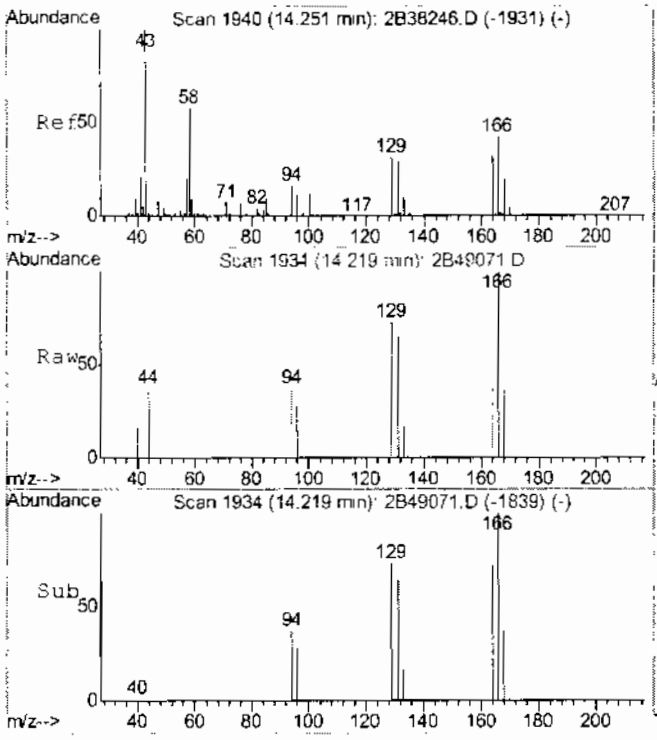
(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49071.D M2B2153.M Tue Sep 23 09:06:44 2008 MS2B Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49071.D Vial: 35
Acq On : 19 Sep 2008 3:22 am Operator: mohui
Sample : ja476-6 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 8:56 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration

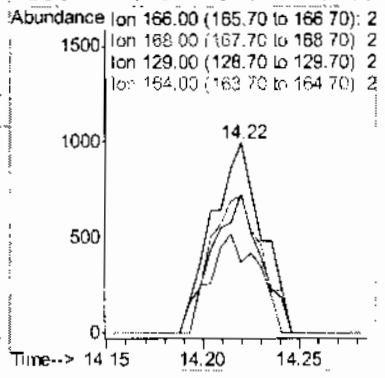




#68
TETRACHLOROETHYLENE
Concen: 0.42 PPb
RT: 14.22 min Scan# 1934
Delta R.T. 0.00 min
Lab File: 2B49071.D
Acq: 19 Sep 2008 3:22 am

Tgt Ion:166 Resp: 1760

Ion	Ratio	Lower	Upper
166	100		
168	37.2	26.9	66.9
129	73.0	42.3	82.3
164	72.0	57.3	97.3



6.1.6

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49072.D Vial: 36
Acq On : 19 Sep 2008 3:53 am Operator: mohui
Sample : ja476-7 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 04:19:24 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

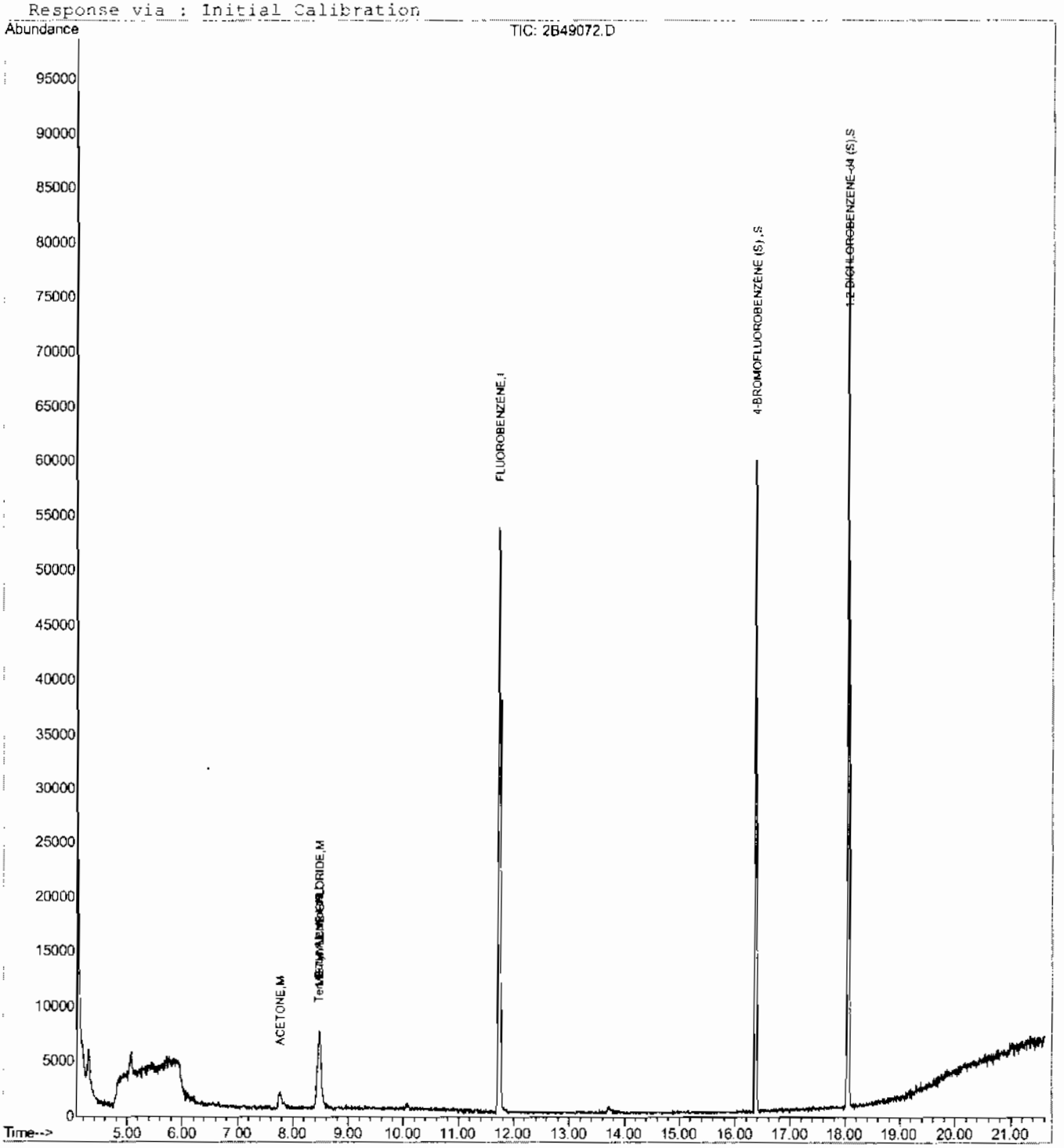
Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Tert Butyl Alcohol-d9	8.45	65	13767	50.00 PPB	0.00
3) FLUOROBENZENE	11.73	96	63768	5.00 PPb	0.00
System Monitoring Compounds					
4) 4-BROMOFLUOROBENZENE (S)	16.36	95	23582	4.71 PPb	0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 94.20%		
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	27332	4.57 PPb	0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 91.40%		
Target Compounds					Qvalue
16) ACETONE	7.77	58	906	4.39 PPb	94
21) METHYLENE CHLORIDE	8.49	84	2735	0.93 PPb	94

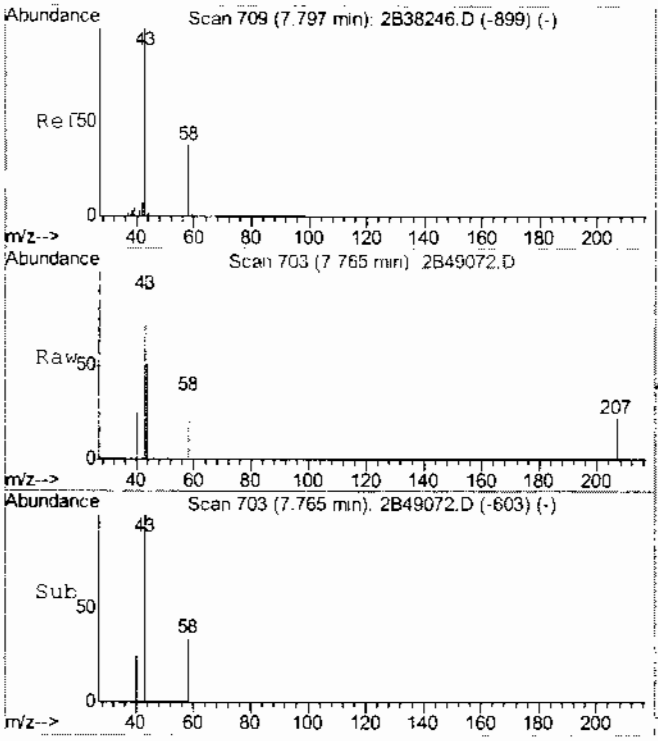
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49072.D Vial: 36
Acq On : 19 Sep 2008 3:53 am Operator: mohui
Sample : ja476-7 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 8:57 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration

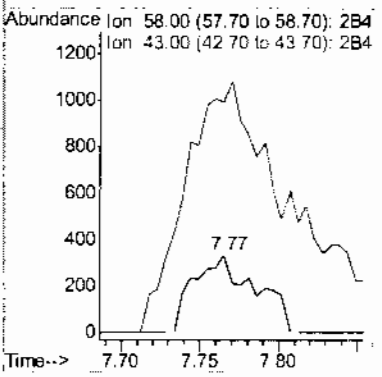


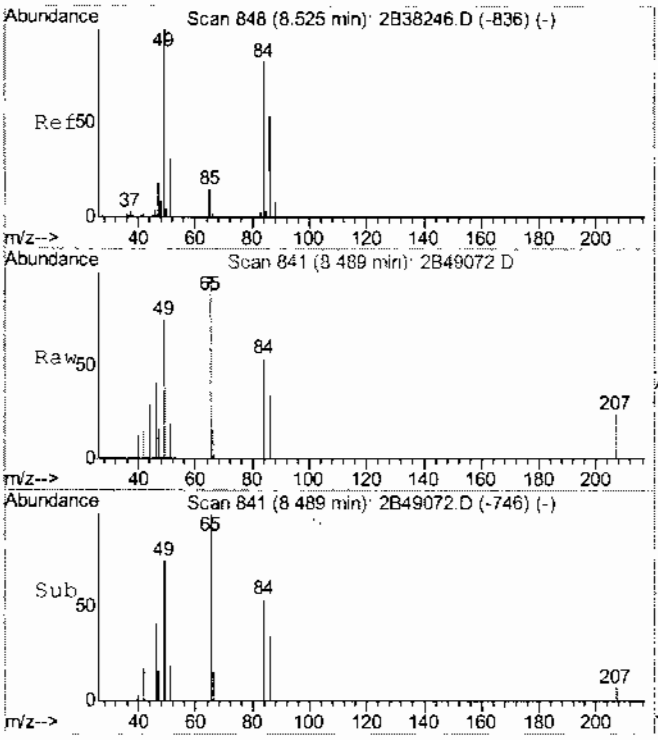


#16
ACETONE
Concen: 4.39 PPb
RT: 7.77 min Scan# 703
Delta R.T. 0.03 min
Lab File: 2B49072.D
Acq: 19 Sep 2008 3:53 am

Tgt Ion: 58 Resp: 906

Ion	Ratio	Lower	Upper
58	100		
43	296.4	289.3	329.3

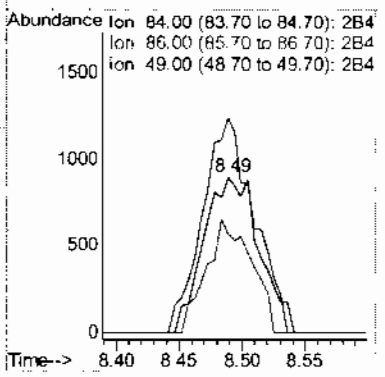




#21
METHYLENE CHLORIDE
Concen: 0.93 PPb
RT: 8.49 min Scan# 841
Delta R.T. 0.00 min
Lab File: 2B49072.D
Acq: 19 Sep 2008 3:53 am

Tgt Ion: 84 Resp: 2735

Ion	Ratio	Lower	Upper
84	100		
86	63.2	43.8	83.8
49	138.2	108.6	148.6



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49073.D Vial: 57
Acq On : 19 Sep 2008 4:25 am Operator: mohui
Sample : ja476-8 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 04:50:42 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	13509	50.00	PPB	0.00
3) FLUOROBENZENE	11.73	96	63238	5.00	PPb	0.00
System Monitoring Compounds						
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	22955	4.63	PPb	0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 92.60%			
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	27193	4.59	PPb	0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 91.80%			
Target Compounds						Qvalue
21) METHYLENE CHLORIDE	8.49	84	2657	0.91	PPb	# 83

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49073.D M2B2153.M Tue Sep 23 09:06:54 2008 MS2B Page 1

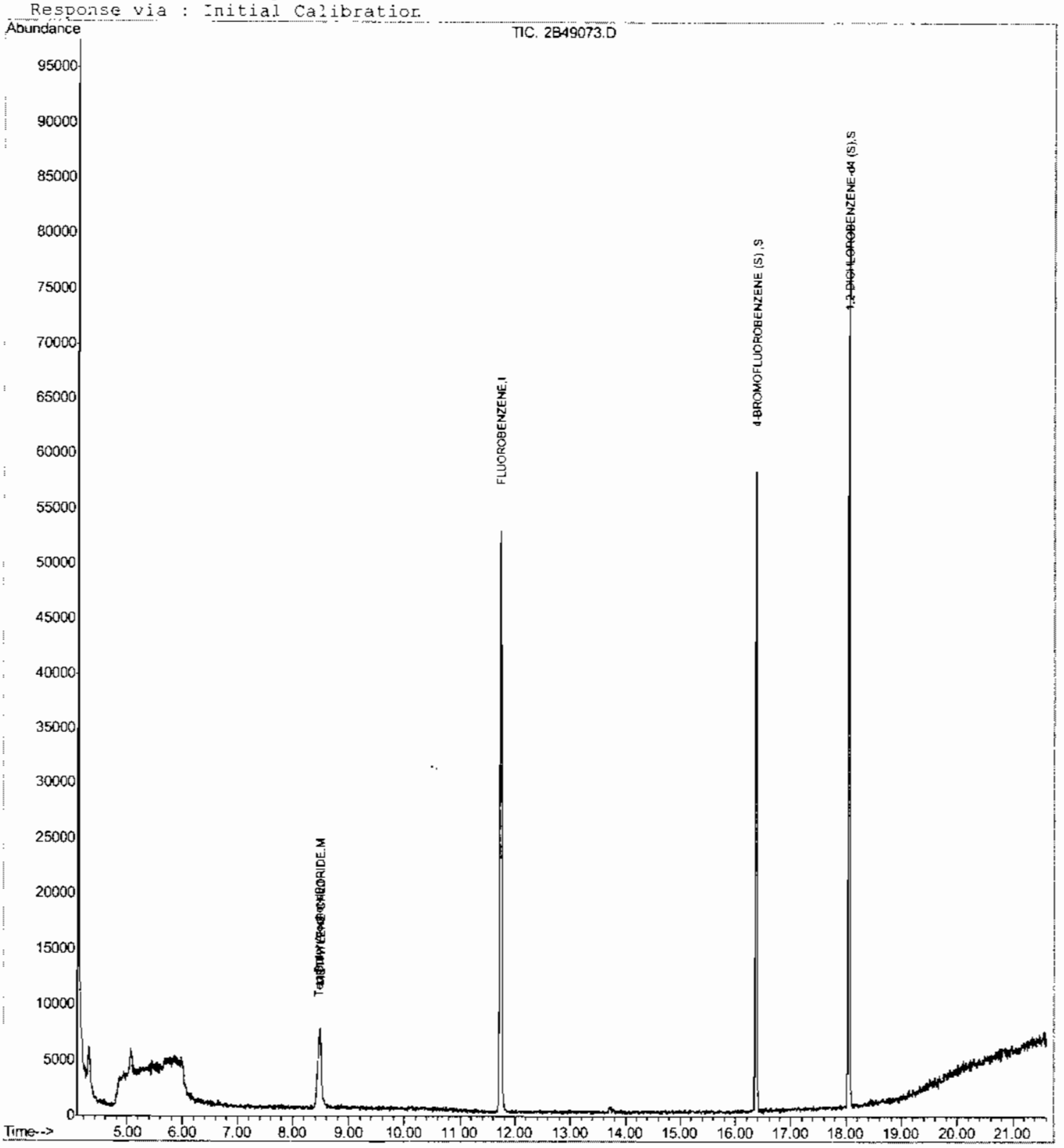
6.1.8

6

Quantitation Report (QT Reviewed)

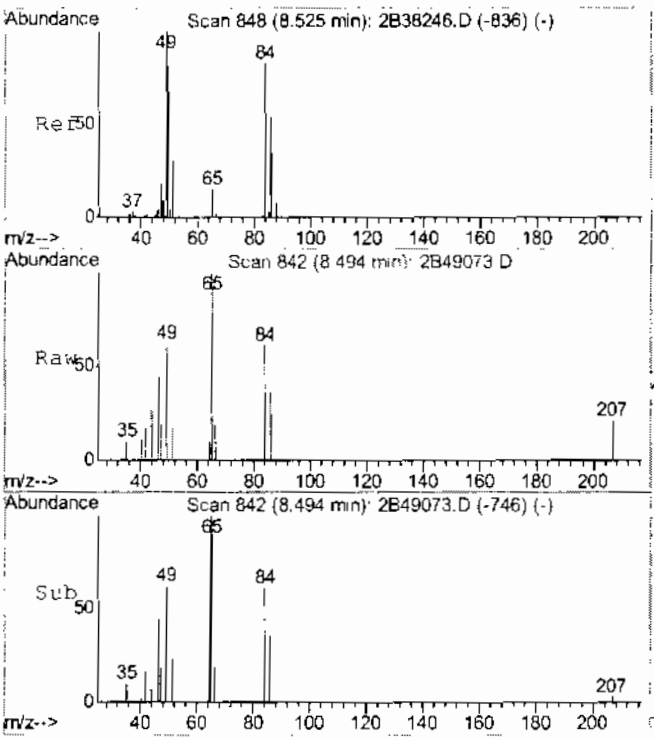
Data File : C:\MSDCHEM\1\DATA\2B49073.D Vial: 37
Acq On : 19 Sep 2008 4:25 am Operator: mohui
Sample : ja476-8 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 8:58 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



2B49073.D M2B2153.M Tue Sep 23 09:06:55 2008 MS2B Page 2

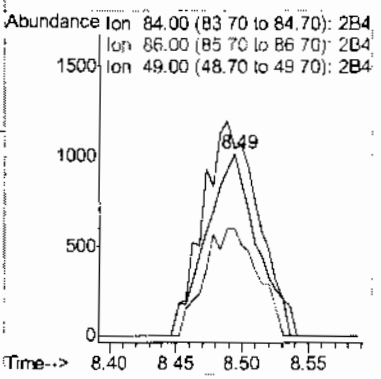
6.1.8



#21
METHYLENE CHLORIDE
Concen: 0.91 PPb
RT: 8.49 min Scan# 842
Delta R.T. 0.01 min
Lab File: 2B49073.D
Acq: 19 Sep 2008 4:25 am

Tgt Ion: 84 Resp: 2657

Ion	Ratio	Lower	Upper
84	100		
86	59.1	43.8	83.8
49	102.7	108.6	148.6#



6.1.8

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49062.D Vial: 26
Acq On : 18 Sep 2008 10:17 pm Operator: mohui
Sample : mb1 Inst : MS2B
Misc : MS?0178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 18 22:42:59 2008 Quant Results File: M?B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	14844	50.00	PPB	0.00
3) FLUOROBENZENE	11.73	96	67450	5.00	PPb	0.00
System Monitoring Compounds						
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	24832	4.69	PPb	0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 93.80%			
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	28860	4.56	PPb	0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 91.20%			
Target Compounds						Qvalue

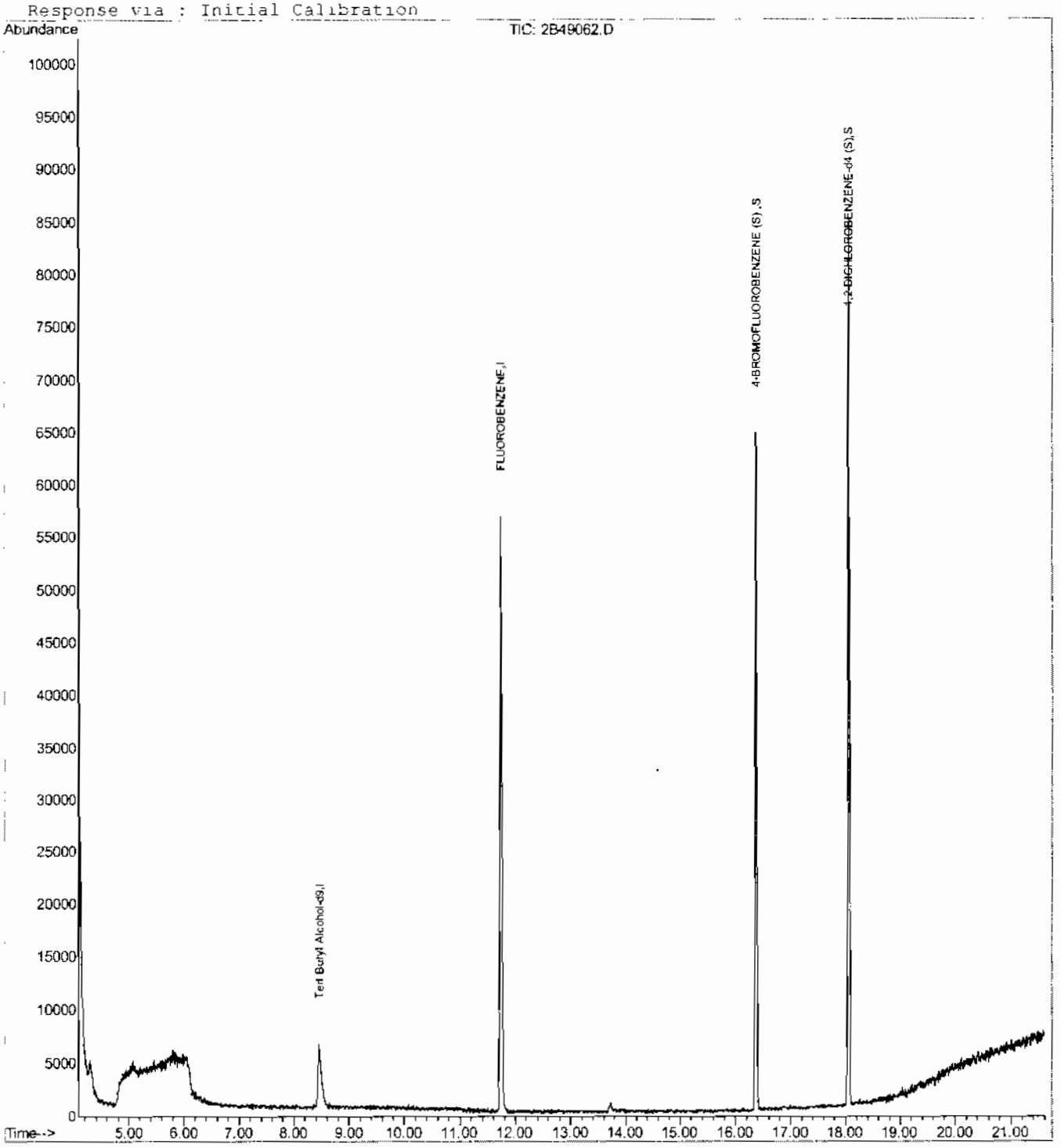
(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49062.D M2B2153.M Tue Sep 23 09:05:35 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49062.D
Acq On : 18 Sep 2008 10:17 pm
Sample : mbl
Misc : MS70178,V2B2159,W,,,,1
MS Integration Params: rteint.p
Quant Time: Sep 23 8:49 2008

Vial: 26
Operator: mohui
Inst : MS2B
Multiplr: 1.00
Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Manual Integrations APPROVED (compounds with "m" flag)
Mei Chen
09/24/08 08:58

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49063.D Vial: 27
Acq On : 18 Sep 2008 10:48 pm Operator: mohui
Sample : bs Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 18 23:14:09 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.45	65	14970	50.00	PPB		0.00
3) FLUOROBENZENE	11.73	96	68974	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.36	95	27692	5.12	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 102.40%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	32703	5.06	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 101.20%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.59	59	6109	24.03	PPb		82
6) DICHLORODIFLUOROMETHANE	4.48	85	6657	2.19	PPb		94
7) CHLOROMETHANE	4.85	50	9489	2.32	PPb		91
8) VINYL CHLORIDE	5.15	62	7878	2.24	PPb		95
9) BROMOMETHANE	5.93	94	7058	2.18	PPb		91
10) CHLOROETHANE	6.16	64	4395	2.17	PPb		94
11) TRICHLOROFLUOROMETHANE	6.68	101	10980m	2.43	PPb		
12) ETHYL ETHER	7.16	45	7885	4.14	PPb		92
13) ACROLEIN	7.48	56	22057	79.52	PPb		95
14) 1,1-DICHLOROETHYLENE	7.64	96	12162	4.99	PPb		96
15) FREON 113	7.60	151	12021	5.13	PPb		94
16) ACETONE	7.74	58	4354	19.49	PPb	#	80
17) IODOMETHANE	7.97	142	23000	4.60	PPb		91
18) CARBON DISULFIDE	8.11	76	34878	4.94	PPb		99
19) METHYL ACETATE	8.26	43	13373	5.28	PPB		93
20) ALLYL CHLORIDE	8.26	76	7314	4.83	PPb	#	83
21) METHYLENE CHLORIDE	8.48	84	17775	5.57	PPb		99
22) ACRYLONITRILE	8.87	53	28685	22.82	PPb		98
23) METHYL TERT BUTYL ETHER	8.84	73	42447	4.43	PPb		98
24) trans-1,2-DICHLOROETHYLENE	8.89	61	21063	5.01	PPb		93
25) HEXANE	9.19	57	13571	4.03	PPb		97
27) 1,1-DICHLOROETHANE	9.52	63	26926	4.83	PPb		98
28) DI-ISOPROPYL ETHER	9.47	45	44300	4.18	PPb		97
29) ETHYL TERT-BUTYL ETHER	9.98	59	45530	4.45	PPb		99
30) 2-BUTANONE	10.30	72	2146	18.44	PPb	#	73
32) 2,2-DICHLOROPROPANE	10.31	77	21418	4.62	PPb		98
33) cis-1,2-DICHLOROETHYLENE	10.32	61	25891	4.80	PPb		97
34) PROPIONITRILE	10.42	54	21988	45.61	PPb		96
35) METHYLACRYLATE	10.40	55	15216	4.40	PPb	#	1
36) METHACRYLONITRILE	10.60	41	8595	3.83	PPb		85
37) BROMOCHLOROMETHANE	10.66	128	8894	4.98	PPb		96
38) CHLOROFORM	10.72	83	30986	5.26	PPb		96
39) TETRAHYDROFURAN	10.70	42	4169	3.51	PPb		95
40) 1,4-DIOXANE	12.57	88	2633	97.11	PPB	#	31
41) 1,1,1-TRICHLOROETHANE	10.96	97	26756	5.39	PPb		98
42) CYCLOHEXANE	11.02	84	18463	4.86	PPB	#	84
43) 1-CHLOROBUTANE	11.05	56	46972	4.74	PPb		94
44) 1,1-DICHLOROPROPENE	11.15	75	19161	4.89	PPb		96
45) CARBON TETRACHLORIDE	11.17	117	24584	5.72	PPb		96
47) 1,2-DICHLOROETHANE	11.46	62	23997	5.37	PPb		97

(#) = qualifier out of range (m) = manual integration
2B49063.D M2B2153.M Tue Sep 23 09:07:53 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49063.D Vial: 27
Acq On : 18 Sep 2008 10:48 pm Operator: mohui
Sample : bs Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 18 23:14:09 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
48)	BENZENE	11.42	78	59780	4.95 PPb		98
49)	TERT AMYL METHYL ETHER	11.45	73	47872	4.62 PPB	#	98
50)	TRICHLOROETHYLENE	12.16	95	16389	5.05 PPb		98
51)	METHYLCYCLOHEXANE	12.38	83	21568	4.55 PPB		96
52)	METHYL METHACRYLATE	12.44	69	9502	4.17 PPb		89
53)	1,2-DICHLOROPROPANE	12.45	63	15145	4.82 PPb		93
54)	DIBROMOMETHANE	12.62	93	11224	5.32 PPb	#	81
55)	BROMODICHLOROMETHANE	12.76	83	23228	5.20 PPb		99
56)	CHLOROACETONITRILE	13.00	75	7743	23.97 PPb		94
57)	2-NITROPROPANE	12.99	41	6871	3.98 PPb		96
58)	2-CHLOROETHYL VINYL ETHER	12.99	63	50057	22.90 PPb		99
59)	cis-1,3-DICHLOROPROPENE	13.23	75	23937	4.65 PPb		99
60)	4-METHYL-2-PENTANONE	13.32	58	7886	17.03 PPb		93
61)	1,1-DICHLOROPROPANONE	13.46	43	6616	4.63 PPb		87
62)	TOLUENE	13.60	92	36808	4.74 PPb		98
63)	trans-1,3-DICHLOROPROPENE	13.82	75	24199	4.90 PPb		98
64)	ETHYL METHACRYLATE	13.79	69	15819	3.78 PPb		95
65)	1,1,2-TRICHLOROETHANE	14.06	83	13137	4.99 PPb		91
66)	1,3-DICHLOROPROPANE	14.25	76	25832	4.98 PPb		94
67)	2-HEXANONE	14.22	58	6738	15.11 PPb		89
68)	TETRACHLOROETHYLENE	14.22	166	20768	4.58 PPb		97
69)	DIBROMOCHLOROMETHANE	14.53	129	18207	4.84 PPb		97
70)	1,2-DIBROMOETHANE	14.70	107	16028	4.82 PPb		98
71)	CHLOROBENZENE	15.17	112	45049	4.64 PPb		98
72)	1,1,1,2-TETRACHLOROETHANE	15.24	131	18781	4.99 PPb		95
73)	ETHYLBENZENE	15.22	91	74583	4.76 PPb		99
74)	m,p-XYLENE	15.33	106	59915	9.47 PPb		94
75)	o-XYLENE	15.78	106	29391	4.57 PPb		90
76)	STYRENE	15.79	104	46558	4.47 PPb		97
77)	BROMOFORM	16.10	173	13861	4.44 PPb		96
78)	ISOPROPYLBENZENE	16.13	105	68215	4.64 PPb		97
79)	BROMOBENZENE	16.58	156	24320	4.67 PPb		93
80)	1,1,2,2-TETRACHLOROETHANE	16.48	83	22246	5.00 PPb		98
81)	TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	5662	4.09 PPb		92
82)	1,2,3-TRICHLOROPROPANE	16.57	110	7485	5.26 PPb	#	68
83)	n-PROPYLBENZENE	16.56	91	97802	5.00 PPb		99
84)	O-CHLOROTOLUENE	16.74	91	71627	5.19 PPb		92
85)	1,3,5-TRIMETHYLBENZENE	16.72	105	67514	4.78 PPb		97
86)	P-CHLOROTOLUENE	16.84	91	62392	4.89 PPb		94
87)	tert-BUTYLBENZENE	17.10	119	61591	4.65 PPb		98
88)	1,2,4-TRIMETHYLBENZENE	17.14	105	73493	4.99 PPb		92
89)	PENTACHLOROETHANE	17.21	167	14067	5.02 PPb		94
90)	sec-BUTYLBENZENE	17.32	105	90635	4.90 PPb		98
91)	p-ISOPROPYLTOLUENE	17.44	119	77362	4.76 PPb		96
92)	M-DICHLOROBENZENE	17.55	146	47416	4.66 PPb		95
93)	P-DICHLOROBENZENE	17.64	146	47953	4.80 PPb		98
94)	n-BUTYLBENZENE	17.89	91	70002	4.89 PPb		98
95)	O-DICHLOROBENZENE	18.07	146	45660	4.87 PPb		98
96)	HEXACHLOROETHANE	18.35	201	15191	4.61 PPb		96

(#) = qualifier out of range (m) = manual integration
2B49063.D M2B2153.M Tue Sep 23 09:07:53 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49063.D Vial: 27
Acq On : 18 Sep 2008 10:48 pm Operator: mohui
Sample : bs Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 18 23:14:09 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

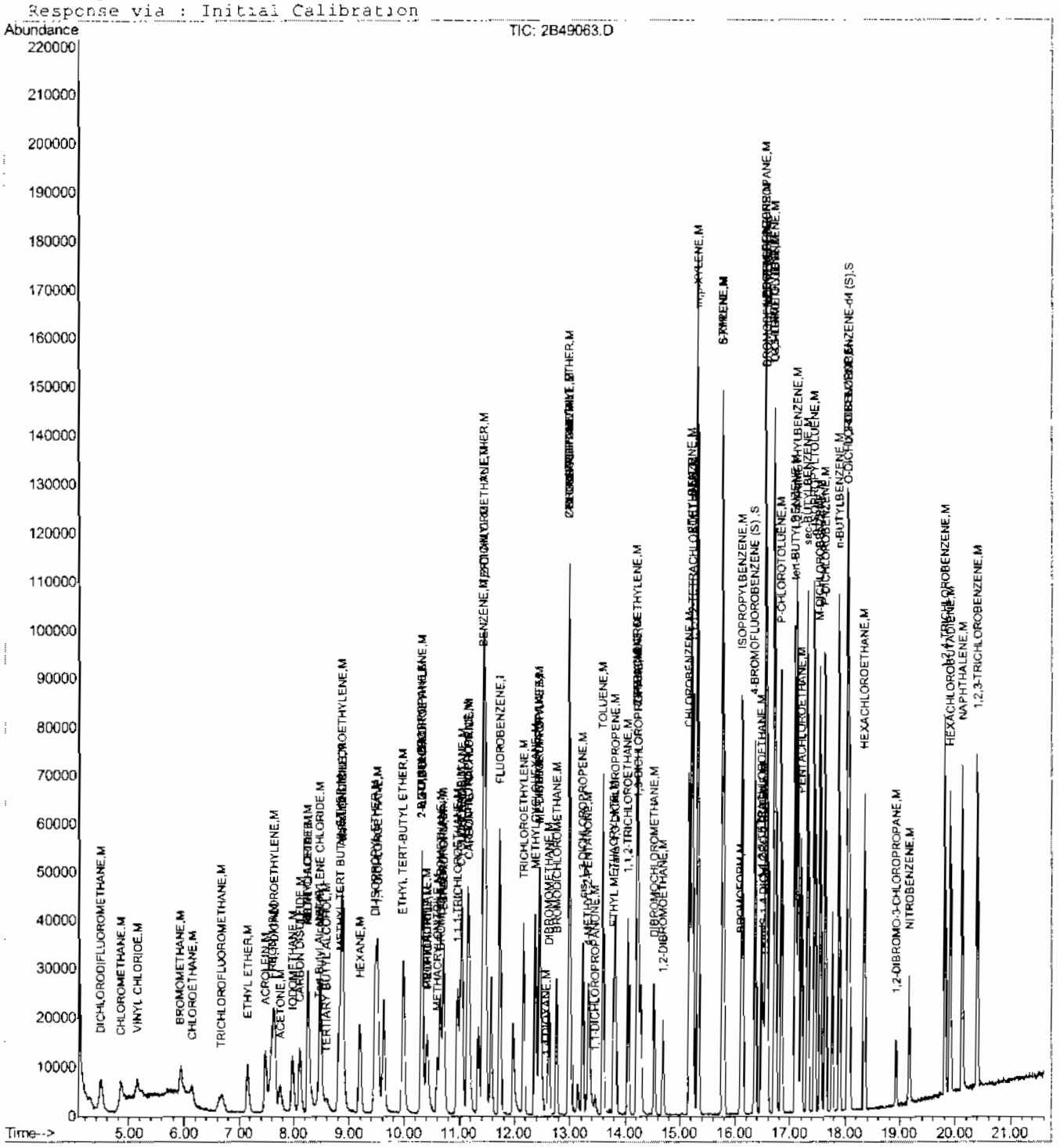
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.92	155	3495	4.35	PPb	86
98)	NITROBENZENE	19.16	77	15827	40.94	PPb	92
99)	1,2,4-TRICHLOROBENZENE	19.81	180	31312	4.32	PPb	99
100)	HEXACHLOROBUTADIENE	19.91	225	18203	4.29	PPb	96
101)	NAPHTHALENE	20.13	128	65776	4.54	PPb	99
102)	1,2,3-TRICHLOROBENZENE	20.40	180	29339	4.54	PPb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49063.D M2B2153.M Tue Sep 23 09:07:53 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49063.D Vial: 27
Acq On : 18 Sep 2008 10:48 pm Operator: mohji
Sample : bs Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 8:50 2008 Quant Results File: M2B2153.RES

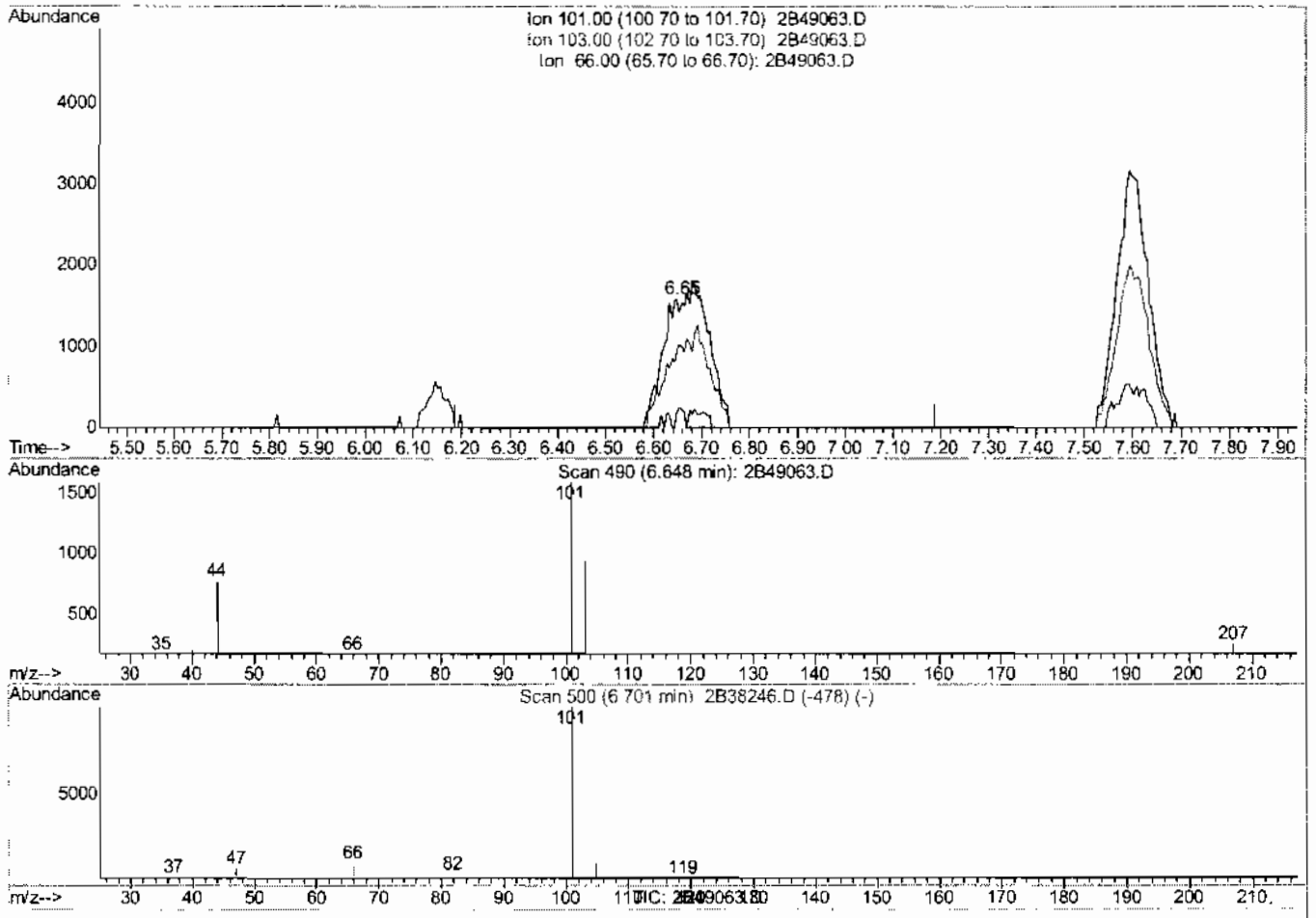
Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\2B49063.D Vial: 27
Acq On : 18 Sep 2008 10:48 pm Operator: mohui
Sample : bs Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 18 23:14 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Multiple Level Calibration



(11) TRICHLOROFLUOROMETHANE (M)

6.65min 1.11PPb

response 5031

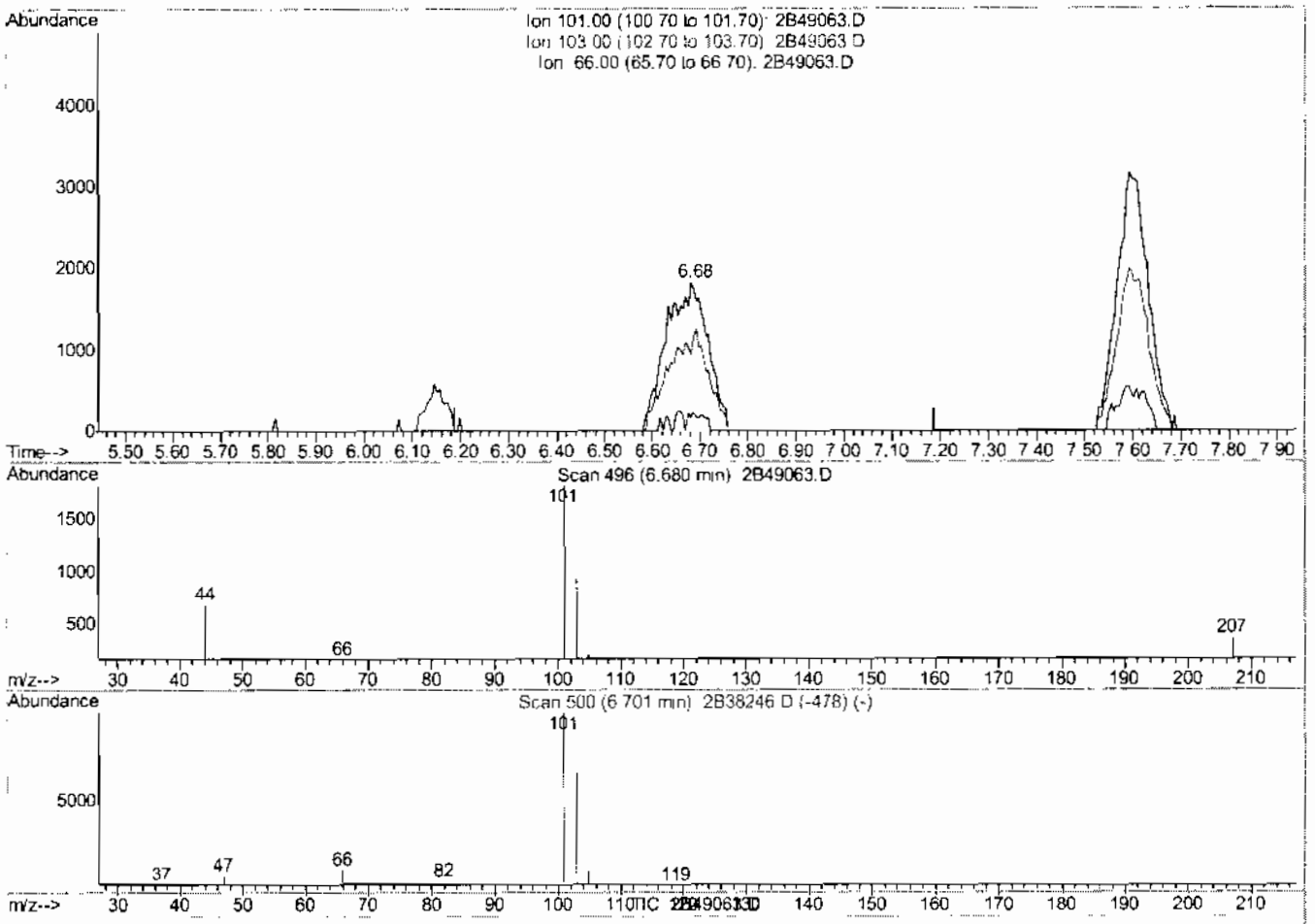
Ion	Exp%	Act%
101.00	100	100
103.00	62.40	56.74
66.00	11.00	9.39
0.00	0.00	0.00

2B49063.D M2B2153.M Tue Sep 23 08:50:21 2008 MS2B

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\2B49063.D Vial: 27
Acq On : 18 Sep 2008 10:48 pm Operator: mohui
Sample : bs Inst : MS2B
Misc : MS70179,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 23 8:50 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Multiple Level Calibration



(11) TRICHLOROFLUOROMETHANE (M)

6.68min 2.43PPb m

response 10980

Ion	Exp%	Act%
101.00	100	100
103.00	62.40	51.24
66.00	11.00	9.06
0.00	0.00	0.00

2B49063.D M2B2153.M Tue Sep 23 08:50:27 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49079.D Vial: 43
Acq On : 19 Sep 2008 7:56 am Operator: mohui
Sample : ja476-1ms Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 08:22:26 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	15134	50.00	PPB		0.00
3) FLUOROBENZENE	11.73	96	70357	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	28519	5.16	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 103.20%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	34008	5.16	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 103.20%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.58	59	6230	24.24	PPb		83
6) DICHLORODIFLUOROMETHANE	4.47	85	6361	2.05	PPb		91
7) CHLOROMETHANE	4.86	50	8800	2.11	PPb		98
8) VINYL CHLORIDE	5.15	62	7202	2.00	PPb		95
9) BROMOMETHANE	5.94	94	7192	2.18	PPb		90
10) CHLOROETHANE	6.16	64	4579	2.22	PPb		90
11) TRICHLOROFLUOROMETHANE	6.69	101	11316	2.46	PPb		99
12) ETHYL ETHER	7.17	45	7763	4.00	PPb		88
13) ACROLEIN	7.48	56	25223	88.79	PPb		96
14) 1,1-DICHLOROETHYLENE	7.64	96	12380	4.98	PPb		93
15) FREON 113	7.60	151	13880	5.81	PPb		94
16) ACETONE	7.74	58	3873	17.00	PPb	#	87
17) IODOMETHANE	7.97	142	23118	4.54	PPb		94
18) CARBON DISULFIDE	8.11	76	25955	3.60	PPb		100
19) METHYL ACETATE	8.27	43	11408	4.41	PPB		98
20) ALLYL CHLORIDE	8.26	76	7195	4.66	PPb	#	69
21) METHYLENE CHLORIDE	8.49	84	16211	4.98	PPb		95
22) ACRYLONITRILE	8.88	53	28048	21.88	PPb		96
23) METHYL TERT BUTYL ETHER	8.83	73	44445	4.54	PPb		97
24) trans-1,2-DICHLOROETHYLENE	8.89	61	21881	5.10	PPb		99
25) HEXANE	9.20	57	15102	4.40	PPb		95
27) 1,1-DICHLOROETHANE	9.52	63	28431	5.00	PPb		94
28) DI-ISOPROPYL ETHER	9.48	45	45214	4.18	PPb		96
29) ETHYL TERT-BUTYL ETHER	9.98	59	46641	4.47	PPb		95
30) 2-BUTANONE	10.31	72	2263	19.06	PPb	#	40
32) 2,2-DICHLOROPROPANE	10.32	77	21519	4.55	PPb		97
33) cis-1,2-DICHLOROETHYLENE	10.32	61	28597	5.20	PPb		96
34) PROPIONITRILE	10.42	54	22540	45.83	PPb		96
35) METHYLACRYLATE	10.40	55	14697	4.17	PPb	#	32
36) METHACRYLONITRILE	10.60	41	8573	3.74	PPb		98
37) BROMOCHLOROMETHANE	10.65	128	9137	5.02	PPb		93
38) CHLOROFORM	10.71	83	31677	5.27	PPb		98
39) TETRAHYDROFURAN	10.70	42	4248	3.50	PPb	#	81
40) 1,4-DIOXANE	12.57	88	2770	100.15	PPB	#	94
41) 1,1,1-TRICHLOROETHANE	10.97	97	27922	5.51	PPb		97
42) CYCLOHEXANE	11.03	84	18599	4.80	PPB	#	78
43) 1-CHLOROBUTANE	11.05	56	47697	4.72	PPb		93
44) 1,1-DICHLOROPROPENE	11.15	75	19645	4.92	PPb		97
45) CARBON TETRACHLORIDE	11.17	117	24976	5.70	PPb		96
47) 1,2-DICHLOROETHANE	11.46	62	24601	5.40	PPb		99

(#) = qualifier out of range (m) = manual integration
2B49079.D M2B2153.M Tue Sep 23 09:08:00 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49079.D Vial: 43
Acq On : 19 Sep 2008 7:56 am Operator: mohui
Sample : ja476-1ms Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 08:22:26 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	BENZENE	11.42	78	60478	4.91	PPB		98
49)	TERT AMYL METHYL ETHER	11.44	73	47150	4.46	PPB	#	52
50)	TRICHLOROETHYLENE	12.16	95	17992	5.43	PPB		92
51)	METHYLCYCLOHEXANE	12.37	83	23223	4.81	PPB		96
52)	METHYL METHACRYLATE	12.44	69	9138	3.94	PPB		94
53)	1,2-DICHLOROPROPANE	12.45	63	15217	4.75	PPB		98
54)	DIBROMOMETHANE	12.62	93	11442	5.32	PPB	#	85
55)	BROMODICHLOROMETHANE	12.76	83	23615	5.18	PPB		94
56)	CHLOROACETONITRILE	13.00	75	7408	22.48	PPB		86
57)	2-NITROPROPANE	13.00	41	4706	2.67	PPB		97
59)	cis-1,3-DICHLOROPROPENE	13.23	75	23049	4.39	PPB		97
60)	4-METHYL-2-PENTANONE	13.33	58	7576	16.04	PPB		97
61)	1,1-DICHLOROPROPANONE	13.46	43	6634	4.55	PPB		87
62)	TOLUENE	13.60	92	36806	4.65	PPB		94
63)	trans-1,3-DICHLOROPROPENE	13.82	75	23975	4.76	PPB		97
64)	ETHYL METHACRYLATE	13.79	69	15202	3.56	PPB		94
65)	1,1,2-TRICHLOROETHANE	14.06	83	13536	5.04	PPB		94
66)	1,3-DICHLOROPROPANE	14.25	76	26278	4.97	PPB		97
67)	2-HEXANONE	14.22	58	7093	15.60	PPB		97
68)	TETRACHLOROETHYLENE	14.21	166	96828	20.91	PPB		98
69)	DIBROMOCHLOROMETHANE	14.53	129	17850	4.65	PPB		98
70)	1,2-DIBROMOETHANE	14.69	107	16228	4.78	PPB		98
71)	CHLOROBENZENE	15.17	112	45463	4.59	PPB		97
72)	1,1,1,2-TETRACHLOROETHANE	15.24	131	19428	5.06	PPB		100
73)	ETHYLBENZENE	15.22	91	74340	4.65	PPB		99
74)	m,p-XYLENE	15.33	106	59414	9.21	PPB		97
75)	o-XYLENE	15.78	106	30062	4.58	PPB		99
76)	STYRENE	15.79	104	41974	3.95	PPB		98
77)	BROMOFORM	16.10	173	13440	4.22	PPB		96
78)	ISOPROPYLBENZENE	16.13	105	66881	4.46	PPB		98
79)	BROMOBENZENE	16.58	156	25530	4.80	PPB		99
80)	1,1,2,2-TETRACHLOROETHANE	16.48	83	23178	5.11	PPB		97
81)	TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	6001	4.25	PPB		89
82)	1,2,3-TRICHLOROPROPANE	16.56	110	7625	5.26	PPB		93
83)	n-PROPYLBENZENE	16.56	91	96594	4.64	PPB		98
84)	O-CHLOROTOLUENE	16.74	91	72155	5.13	PPB		90
85)	1,3,5-TRIMETHYLBENZENE	16.72	105	65627	4.55	PPB		97
86)	P-CHLOROTOLUENE	16.84	91	62798	4.83	PPB		94
87)	tert-BUTYLBENZENE	17.10	119	59378	4.39	PPB		97
88)	1,2,4-TRIMETHYLBENZENE	17.15	105	69564	4.63	PPB		95
89)	PENTACHLOROETHANE	17.21	167	15089	5.27	PPB		93
90)	sec-BUTYLBENZENE	17.32	105	87922	4.66	PPB		97
91)	p-ISOPROPYLTOLUENE	17.45	119	74726	4.50	PPB		97
92)	M-DICHLOROBENZENE	17.55	146	48336	4.86	PPB		97
93)	P-DICHLOROBENZENE	17.64	146	48371	4.75	PPB		96
94)	n-BUTYLBENZENE	17.89	91	68802	4.71	PPB		97
95)	O-DICHLOROBENZENE	18.07	146	47613	4.98	PPB		97
96)	HEXACHLOROETHANE	18.35	201	14993	4.46	PPB		95
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	3720	4.54	PPB		97

(#) = qualifier out of range (m) = manual integration
2B49079.D M2B2153.M Tue Sep 23 09:08:00 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49079.D Vial: 43
Acq On : 19 Sep 2008 7:56 am Operator: mohui
Sample : ja476-1ms Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 08:22:26 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

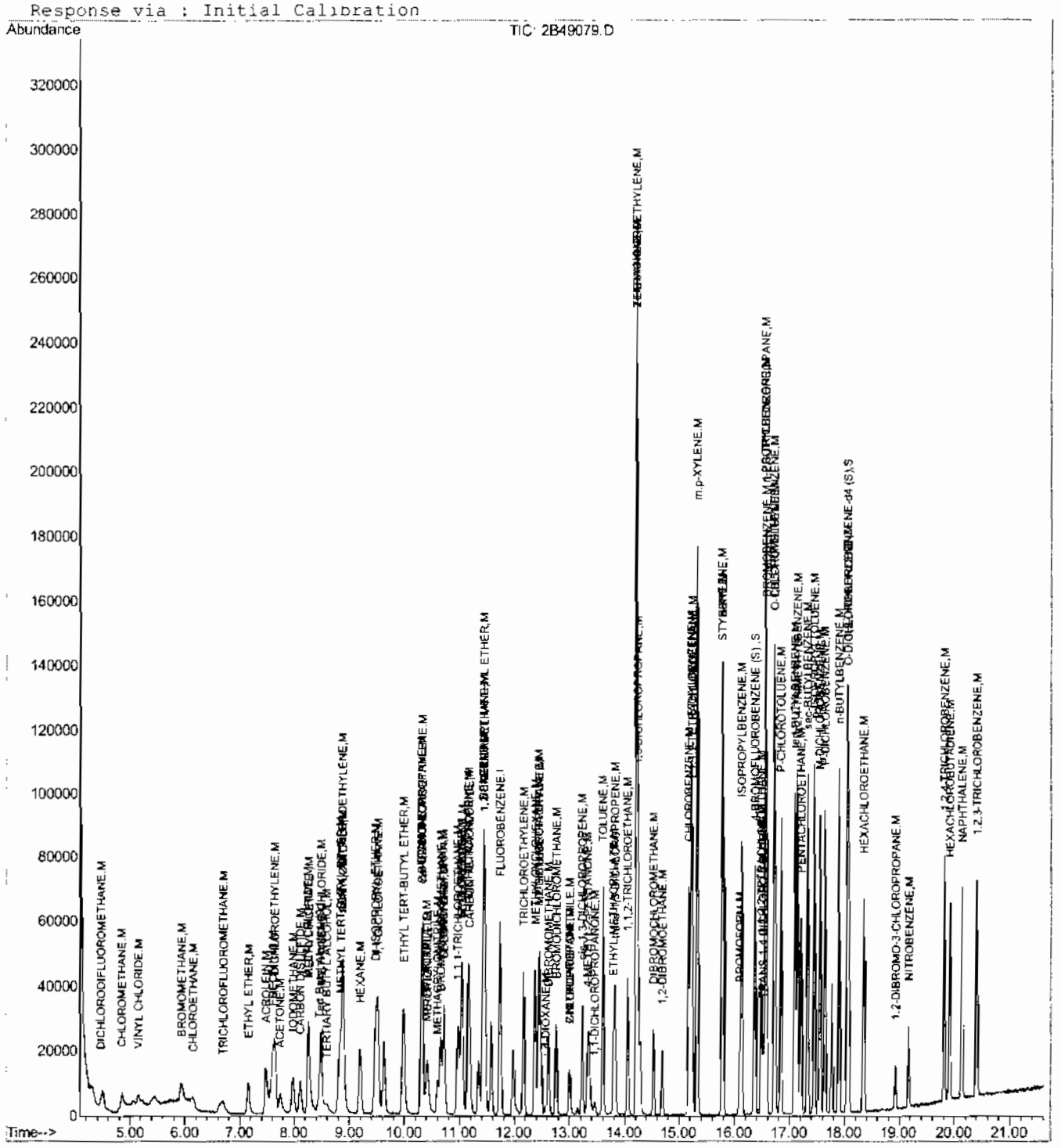
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
98)	NITROBENZENE	19.16	77	15323	38.85	PPb	94
99)	1,2,4-TRICHLOROBENZENE	19.81	180	31149	4.22	PPb	96
100)	HEXACHLOROBUTADIENE	19.91	225	18280	4.22	PPb	93
101)	NAPHTHALENE	20.13	128	65159	4.41	PPb	99
102)	1,2,3-TRICHLOROBENZENE	20.41	180	28609	4.34	PPb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49079.D M2B2153.M Tue Sep 23 09:08:00 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49079.D Vial: 43
Acq On : 19 Sep 2008 7:56 am Operator: mchui
Sample : ja476-1ms Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Mulriplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 8:22 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49080.D Vial: 44
Acq On : 19 Sep 2008 8:27 am Operator: mohui
Sample : ja476-1msd Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 09:52:01 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	15657	50.00	PPB		0.00
3) FLUOROBENZENE	11.73	96	73589	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	30157	5.22	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 104.40%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	34832	5.05	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 101.00%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.60	59	7096	26.69	PPb		95
6) DICHLORODIFLUOROMETHANE	4.48	85	6905	2.13	PPb		87
7) CHLOROMETHANE	4.85	50	10735	2.46	PPb		96
8) VINYL CHLORIDE	5.15	62	8817	2.35	PPb		97
9) BROMOMETHANE	5.94	94	7396	2.14	PPb		93
10) CHLOROETHANE	6.14	64	4724	2.19	PPb		93
11) TRICHLOROFLUOROMETHANE	6.66	101	12242	2.54	PPb		93
12) ETHYL ETHER	7.15	45	8403	4.13	PPb		88
13) ACROLEIN	7.48	56	27158	91.35	PPb		96
14) 1,1-DICHLOROETHYLENE	7.65	96	13385	5.14	PPb		97
15) FREON 113	7.60	151	14958	5.99	PPb		93
16) ACETONE	7.75	58	4308	18.0H	PPb	#	77
17) IODOMETHANE	7.97	142	25359	4.76	PPb		93
18) CARBON DISULFIDE	8.11	76	27727	3.68	PPb		96
19) METHYL ACETATE	8.26	43	12706	4.70	PPB		99
20) ALLYL CHLORIDE	8.25	76	7381	4.57	PPb		96
21) METHYLENE CHLORIDE	8.48	84	17596	5.17	PPb		97
22) ACRYLONITRILE	8.87	53	29647	22.11	PPb		97
23) METHYL TERT BUTYL ETHER	8.83	73	47391	4.63	PPb		99
24) trans-1,2-DICHLOROETHYLENE	8.89	61	23000	5.12	PPb		95
25) HEXANE	9.20	57	16590	4.62	PPb		99
27) 1,1-DICHLOROETHANE	9.52	63	30106	5.06	PPb		99
28) DI-ISOPROPYL ETHER	9.47	45	47913	4.23	PPb		99
29) ETHYL TERT-BUTYL ETHER	9.98	59	50577	4.64	PPb		96
30) 2-BUTANONE	10.30	72	2252	17.33	PPb	#	49
32) 2,2-DICHLOROPROPANE	10.31	77	22549	4.56	PPb		98
33) cis-1,2-DICHLOROETHYLENE	10.32	61	31112	5.40	PPb		98
34) PROPIONITRILE	10.42	54	23557	45.80	PPb		94
35) METHYLACRYLATE	10.39	55	15774	4.28	PPb	#	72
36) METHACRYLONITRILE	10.60	41	9075	3.79	PPb		85
37) BROMOCHLOROMETHANE	10.66	128	9709	5.10	PPb	#	89
38) CHLOROFORM	10.72	83	33583	5.34	PPb		95
39) TETRAHYDROFURAN	10.70	42	4320	3.41	PPb		93
40) 1,4-DIOXANE	12.57	88	2846	98.38	PPB	#	31
41) 1,1,1-TRICHLOROETHANE	10.96	97	30036	5.67	PPb		98
42) CYCLOHEXANE	11.03	84	20692	5.11	PPB	#	78
43) 1-CHLOROBUTANE	11.04	56	51598	4.88	PPb		96
44) 1,1-DICHLOROPROPENE	11.14	75	21429	5.13	PPb		94
45) CARBON TETRACHLORIDE	11.17	117	26913	5.87	PPb		97
47) 1,2-DICHLOROETHANE	11.46	62	26119	5.48	PPb		99

(#) = qualifier out of range (m) = manual integration
2B49080.D M2B2153.M Tue Sep 23 09:08:06 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49080.D Vial: 44
Acq On : 19 Sep 2008 8:27 am Operator: mohui
Sample : ja476-1msd Inst : MS2B
Misc : MS70178,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 08:52:01 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
48)	BENZENE	11.42	78	65576	5.09 PPb		97
49)	TERT AMYL METHYL ETHER	11.44	73	50805	4.60 PPB	#	99
50)	TRICHLOROETHYLENE	12.16	95	19792	5.72 PPb		97
51)	METHYLCYCLOHEXANE	12.37	83	25589	5.06 PPB		99
52)	METHYL METHACRYLATE	12.44	69	9643	3.97 PPb		97
53)	1,2-DICHLOROPROPANE	12.45	63	16679	4.97 PPb		96
54)	DIBROMOMETHANE	12.63	93	11558	5.14 PPb		91
55)	BROMODICHLOROMETHANE	12.76	83	24318	5.10 PPb		97
56)	CHLOROACETONITRILE	13.00	75	8106	23.52 PPb	#	78
57)	2-NITROPROPANE	12.99	41	4786	2.60 PPb		98
59)	cis-1,3-DICHLOROPROPENE	13.23	75	24883	4.53 PPb		99
60)	4-METHYL-2-PENTANONE	13.32	58	8177	16.55 PPb		94
61)	1,1-DICHLOROPROPANONE	13.45	43	7211	4.73 PPb		88
62)	TOLUENE	13.60	92	40152	4.84 PPb		94
63)	trans-1,3-DICHLOROPROPENE	13.82	75	25165	4.78 PPb		98
64)	ETHYL METHACRYLATE	13.79	69	15995	3.58 PPb		94
65)	1,1,2-TRICHLOROETHANE	14.05	83	13881	4.94 PPb		98
66)	1,3-DICHLOROPROPANE	14.25	76	27631	4.99 PPb		97
67)	2-HEXANONE	14.22	58	6974	14.66 PPb		91
68)	TETRACHLOROETHYLENE	14.21	166	104230	21.52 PPb		95
69)	DIBROMOCHLOROMETHANE	14.53	129	18813	4.69 PPb		95
70)	1,2-DIBROMOETHANE	14.69	107	17220	4.85 PPb		100
71)	CHLOROBENZENE	15.17	112	48966	4.72 PPb		97
72)	1,1,1,2-TETRACHLOROETHANE	15.23	131	20375	5.07 PPb		95
73)	ETHYLBENZENE	15.22	91	80197	4.79 PPb		99
74)	m,p-XYLENE	15.33	106	63747	9.45 PPb		96
75)	o-XYLENE	15.78	106	32215	4.69 PPb		98
76)	STYRENE	15.79	104	45107	4.06 PPb		97
77)	BROMOFORM	16.10	173	14104	4.23 PPb		98
78)	ISOPROPYLBENZENE	16.13	105	73636	4.69 PPb		99
79)	BROMOBENZENE	16.58	156	26964	4.85 PPb	#	89
80)	1,1,2,2-TETRACHLOROETHANE	16.48	83	23841	5.02 PPb		98
81)	TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	6251	4.23 PPb		95
82)	1,2,3-TRICHLOROPROPANE	16.56	110	8449	5.57 PPb	#	72
83)	n-PROPYLBENZENE	16.56	91	104526	5.01 PPb		98
84)	O-CHLOROTOLUENE	16.74	91	77622	5.27 PPb		92
85)	1,3,5-TRIMETHYLBENZENE	16.72	105	70895	4.70 PPb		99
86)	P-CHLOROTOLUENE	16.84	91	69081	5.08 PPb		94
87)	tert-BUTYLBENZENE	17.10	119	67445	4.77 PPb		94
88)	1,2,4-TRIMETHYLBENZENE	17.15	105	74975	4.77 PPb		96
89)	PENTACHLOROETHANE	17.21	167	16662	5.57 PPb		94
90)	sec-BUTYLBENZENE	17.32	105	96678	4.89 PPb		98
91)	p-ISOPROPYLTOLUENE	17.44	119	81563	4.70 PPb		97
92)	M-DICHLOROBENZENE	17.55	146	51124	4.91 PPb		97
93)	P-DICHLOROBENZENE	17.64	146	51780	4.86 PPb		96
94)	n-BUTYLBENZENE	17.89	91	74698	4.89 PPb		97
95)	O-DICHLOROBENZENE	18.07	146	50075	5.00 PPb		98
96)	HEXACHLOROETHANE	18.35	201	16251	4.62 PPb		95
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	3573	4.17 PPb	#	86

(#) = qualifier out of range (m) = manual integration
2B49080.D M2B2153.M Tue Sep 23 09:08:07 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49080.D Vial: 44
Acq On : 19 Sep 2008 8:37 am Operator: mohui
Sample : ja476-1msd Inst : MS2B
Misc : MS70178,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 08:52:01 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

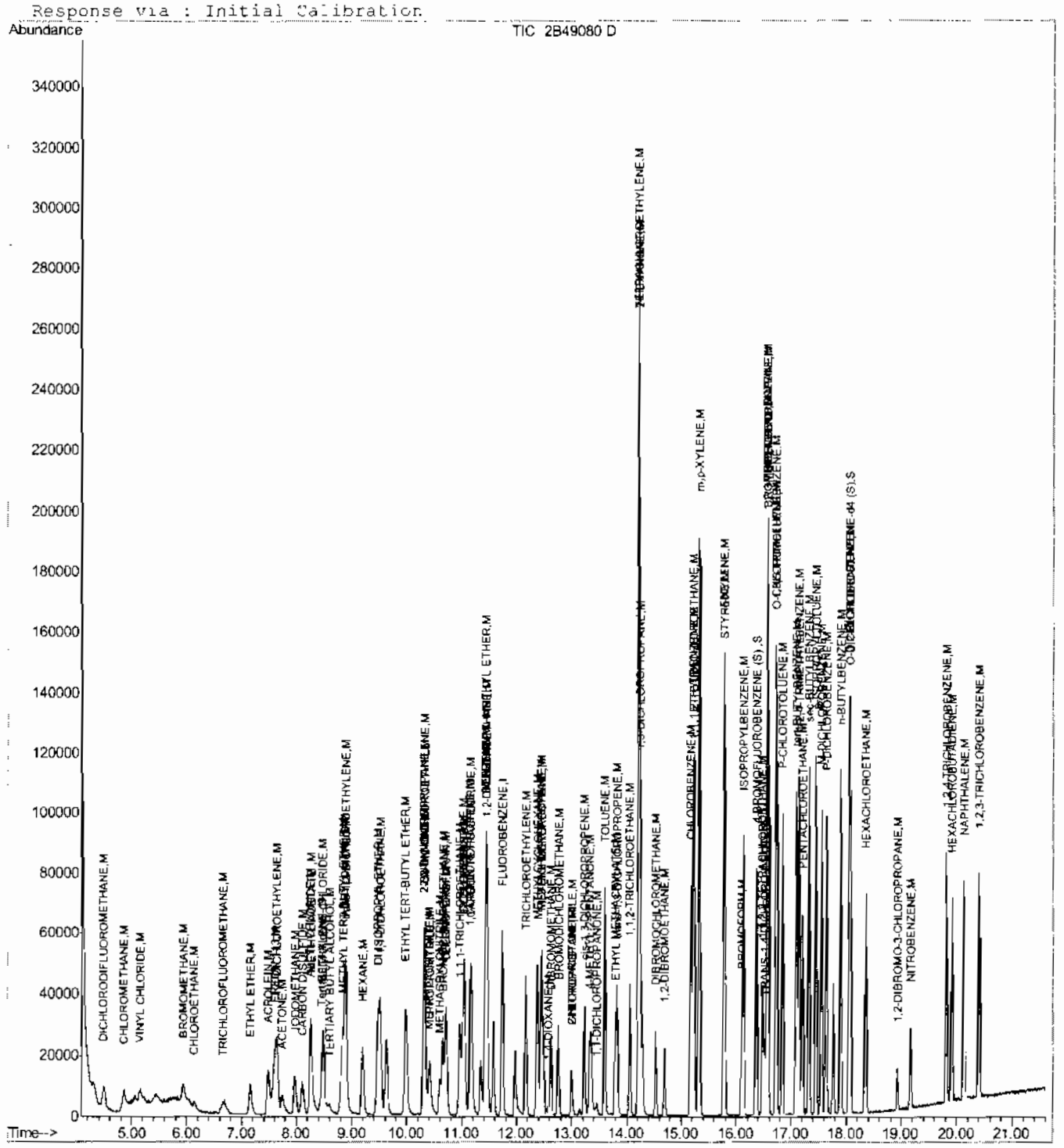
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
98)	NITROBENZENE	19.16	77	15908	38.57	PPb	89
99)	1,2,4-TRICHLOROBENZENE	19.81	180	33010	4.27	PPb	99
100)	HEXACHLOROBUTADIENE	19.91	225	19605	4.33	PPb	96
101)	NAPHTHALENE	20.13	128	70222	4.54	PPb	98
102)	1,2,3-TRICHLOROBENZENE	20.40	180	30936	4.48	PPb	97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49080.D Vial: 44
Acq On : 19 Sep 2008 8:27 am Operator: mohui
Sample : ja476-1msd Inst : MS2B
Misc : MS70178,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 19 8:52 2008 Quant Results File: M2B2153.RES

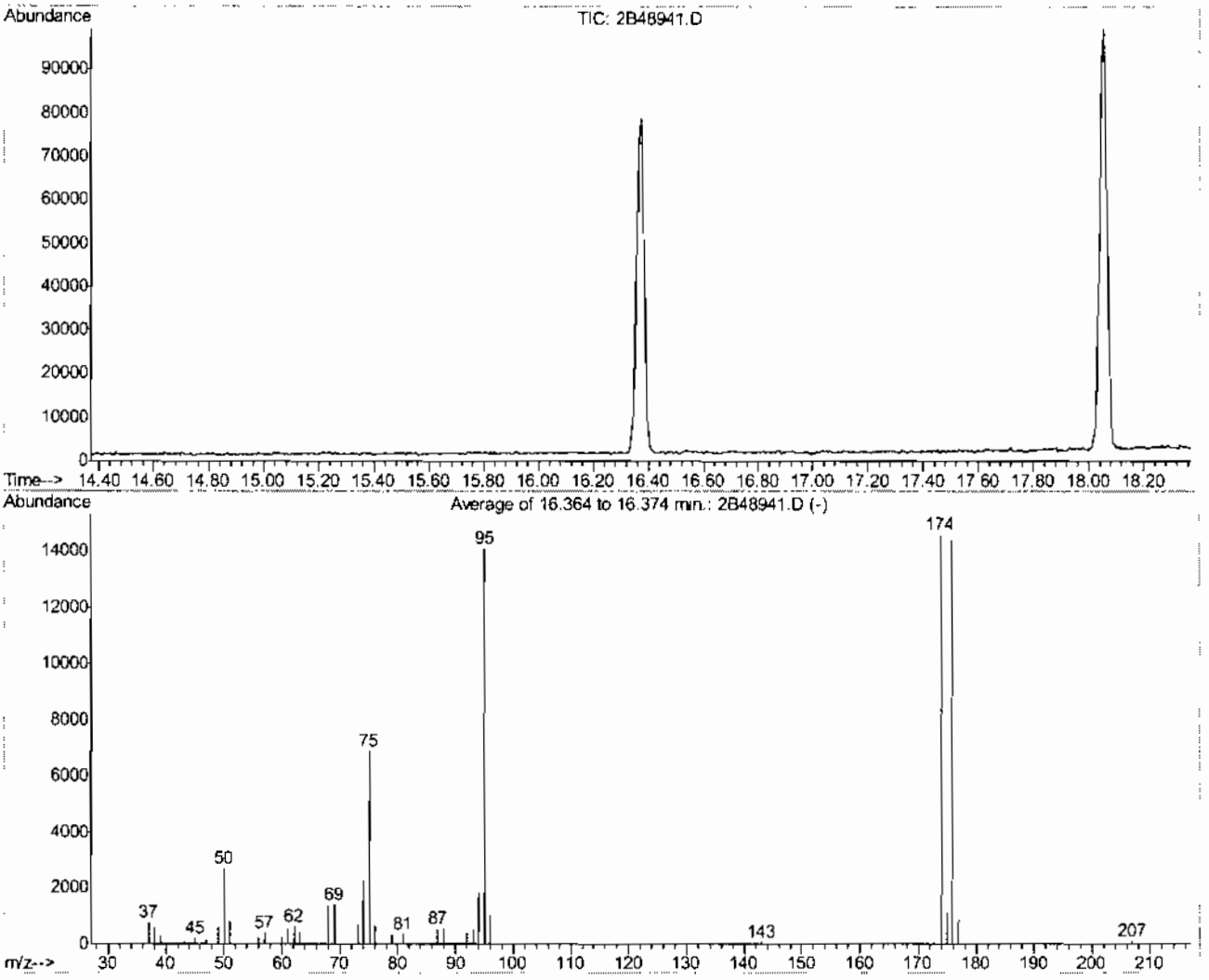
Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



BFB

Data File : C:\MSDCHEM\1\DATA\2B48941.D
Acq On : 16 Sep 2008 1:04 am
Sample : bfb
Misc : MS70018,V2B2153,W,,,,1
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524

Vial: 1
Operator: mohui
Inst : MS2B
Multiplr: 1.00



AutoFind: Scans 2343, 2344, 2345; Background Corrected with Scan 2334

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	2706	PASS
75	95	30	80	49.0	6895	PASS
95	95	100	100	100.0	14083	PASS
96	95	5	9	7.3	1023	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	103.5	14580	PASS
175	174	5	9	7.6	1106	PASS
176	174	95	101	98.6	14381	PASS
177	176	5	9	6.3	913	PASS

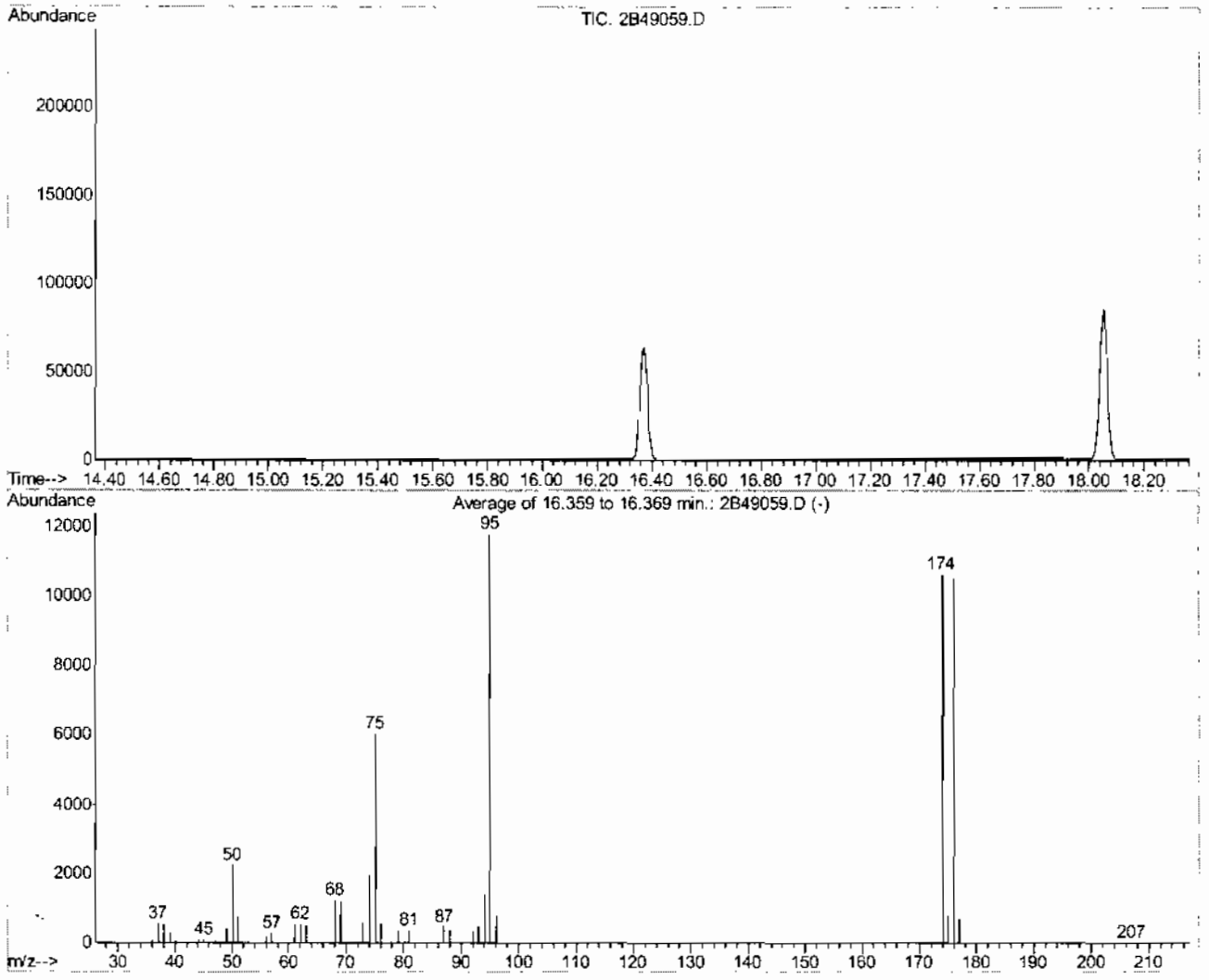
2B48941.D M2B2153.M Wed Sep 17 09:11:41 2008 MS2B

Average of 16.364 to 16.374 min.: 2B48941.D
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
37.10	775	56.05	222	76.05	638	143.00	61
38.10	583	57.05	398	78.95	332	174.00	14580
39.10	275	60.05	240	81.00	362	175.00	1106
40.00	53	61.10	557	86.95	536	175.95	14381
43.10	63	62.10	633	87.95	535	176.95	913
44.00	41	63.10	430	92.00	402	207.00	83
45.05	218	68.05	1340	93.05	541		
47.10	140	69.10	1417	94.05	1676		
49.10	582	73.10	676	95.10	14083		
50.10	2706	74.10	2294	96.05	1023		
51.10	838	75.10	6895	140.90	51		

BFB

Data File : C:\MSDCHEM\1\DATA\2B49059.D Vial: 23
Acq On : 18 Sep 2008 8:43 pm Operator: mchui
Sample : bfb Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524



AutoFind: Scans 2342, 2343, 2344; Background Corrected with Scan 2334

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.1	2255	PASS
75	95	30	80	51.3	6047	PASS
95	95	100	100	100.0	11794	PASS
96	95	5	9	6.8	800	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	120	90.2	10635	PASS
175	174	5	9	7.3	779	PASS
176	174	95	101	98.9	10521	PASS
177	176	5	9	6.7	701	PASS

2B49059.D M2B2153.M Fri Sep 19 07:41:37 2008 MS2B

Average of 16.359 to 16.369 min.: 2B49059.D
bfb
Modified:subtracted

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
36.10	54	56.10	177	79.00	373	175.00	779
37.10	552	57.05	289	80.10	51	176.00	10521
38.10	532	61.10	553	80.95	369	177.00	701
39.10	271	62.10	556	87.00	473	207.05	6
40.00	49	63.05	503	88.05	406		
44.05	92	68.10	1243	92.05	331		
45.05	106	69.05	1192	93.00	486		
47.00	51	73.05	609	94.05	1391		
49.05	426	74.05	1962	95.10	11794		
50.10	2255	75.10	6047	96.10	800		
51.10	744	76.05	582	174.00	10635		

6.5.2

6

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48942.D Vial: 2
Acq On : 16 Sep 2008 1:36 am Operator: mohui
Sample : ic2153-40 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 02:01:56 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.47	65	20024	50.00	PPB		0.00
3) FLUOROBENZENE	11.73	96	77077	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	30749	5.21	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 104.20%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	37000	5.46	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 109.20%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.59	59	67345	195.90	PPb		93
6) DICHLORODIFLUOROMETHANE	4.47	85	141376	31.44	PPb		98
7) CHLOROMETHANE	4.88	50	162310	26.00	PPb		95
8) VINYL CHLORIDE	5.19	62	142349	28.37	PPb		95
9) BROMOMETHANE	5.95	94	106311	30.54	PPb		93
10) CHLOROETHANE	6.15	64	83114	31.42	PPb		100
11) TRICHLOROFLUOROMETHANE	6.69	101	201300	37.50	PPb		98
12) ETHYL ETHER	7.15	45	71530	32.61	PPb		98
13) ACROLEIN	7.48	56	98873	396.02	PPb		91
14) 1,1-DICHLOROETHYLENE	7.65	96	95559	31.65	PPb		96
15) FREON 113	7.60	151	98781	42.51	PPb		95
16) ACETONE	7.73	58	40516	90.80	PPb	#	88
17) IODOMETHANE	7.98	142	200833	33.34	PPb		96
18) CARBON DISULFIDE	8.11	76	283511	25.77	PPb		100
19) METHYL ACETATE	8.25	43	111655	36.12	PPB		97
20) ALLYL CHLORIDE	8.26	76	65303	33.42	PPb		96
21) METHYLENE CHLORIDE	8.49	84	121620	30.70	PPb		92
22) ACRYLONITRILE	8.87	53	270965	161.16	PPb		98
23) METHYL TERT BUTYL ETHER	8.83	73	386241	34.14	PPb		98
24) trans-1,2-DICHLOROETHYLENE	8.89	61	165860	31.38	PPb		95
25) HEXANE	9.20	57	139085	37.65	PPb		98
27) 1,1-DICHLOROETHANE	9.53	63	212858	30.63	PPb		98
28) DI-ISOPROPYL ETHER	9.47	45	423994	35.75	PPb		98
29) ETHYL TERT-BUTYL ETHER	9.98	59	423707	36.36	PPb		98
30) 2-BUTANONE	10.29	72	22651	59.15	PPb	#	1
32) 2,2-DICHLOROPROPANE	10.31	77	164788	28.17	PPb		99
33) cis-1,2-DICHLOROETHYLENE	10.32	61	217536	31.59	PPb		93
34) PROPIONITRILE	10.41	54	210165	347.30	PPb		94
35) METHYLACRYLATE	10.39	55	156525	39.15	PPb		97
36) METHACRYLONITRILE	10.60	41	90699	37.47	PPb		98
37) BROMOCHLOROMETHANE	10.66	128	74191	36.97	PPb		92
38) CHLOROFORM	10.72	83	234605	34.09	PPb		95
39) TETRAHYDROFURAN	10.69	42	43473	33.58	PPb		90
40) 1,4-DIOXANE	12.57	88	30369	925.92	PPB		94
41) 1,1,1-TRICHLOROETHANE	10.96	97	199682	35.04	PPb		96
42) CYCLOHEXANE	11.03	84	157472	35.75	PPB		97
43) 1-CHLOROBUTANE	11.05	56	407619	34.18	PPb		96
44) 1,1-DICHLOROPROPENE	11.15	75	156978	34.92	PPb		97
45) CARBON TETRACHLORIDE	11.17	117	178067	36.13	PPb		97
47) 1,2-DICHLOROETHANE	11.46	62	181025	32.12	PPb		99

(#) = qualifier out of range (m) = manual integration
2B48942.D M2B2153.M Wed Sep 17 09:47:23 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48942.D Vial: 2
Acq On : 16 Sep 2008 1:36 am Operator: mohui
Sample : ic2153-40 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 02:01:56 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48) BENZENE	11.42	78	470201	32.06	PPb		99
49) TERT AMYL METHYL ETHER	11.45	73	422958	36.12	PPB	#	98
50) TRICHLOROETHYLENE	12.16	95	130554	36.71	PPb		95
51) METHYLCYCLOHEXANE	12.38	83	199591	40.11	PPB		96
52) METHYL METHACRYLATE	12.44	69	101465	42.44	PPb	#	84
53) 1,2-DICHLOROPROPANE	12.45	63	126737	33.36	PPb		98
54) DIBROMOMETHANE	12.63	93	89497	35.37	PPb	#	84
55) BROMODICHLOROMETHANE	12.76	83	192378	36.24	PPb		99
56) CHLOROACETONITRILE	12.99	75	69414	285.33	PPb		93
57) 2-NITROPROPANE	12.99	41	68308	36.88	PPb		98
58) 2-CHLOROETHYL VINYL ETHER	12.99	63	468383	186.66	PPb		97
59) cis-1,3-DICHLOROPROPENE	13.23	75	217129	36.38	PPb		97
60) 4-METHYL-2-PENTANONE	13.32	58	83662	54.42	PPb		97
61) 1,1-DICHLOROPROPANONE	13.45	43	58721	30.02	PPb		98
62) TOLUENE	13.60	92	319156	35.97	PPb		99
63) trans-1,3-DICHLOROPROPENE	13.82	75	212632	35.60	PPb		96
64) ETHYL METHACRYLATE	13.79	69	187412	43.94	PPb		97
65) 1,1,2-TRICHLOROETHANE	14.05	83	109415	36.20	PPb		95
66) 1,3-DICHLOROPROPANE	14.25	76	212732	34.78	PPb		93
67) 2-HEXANONE	14.22	58	77488	55.44	PPb		96
68) TETRACHLOROETHYLENE	14.22	166	181112	44.12	PPb		95
69) DIBROMOCHLOROMETHANE	14.53	129	171108	42.46	PPb		98
70) 1,2-DIBROMOETHANE	14.69	107	143197	40.31	PPb		95
71) CHLOROBENZENE	15.17	112	398706	39.55	PPb		97
72) 1,1,1,2-TETRACHLOROETHANE	15.24	131	158974	39.14	PPb		99
73) ETHYLBENZENE	15.22	91	643715	37.81	PPb		97
74) m,p-XYLENE	15.33	106	517211	79.59	PPb		96
75) o-XYLENE	15.78	106	267211	40.68	PPb		96
76) STYRENE	15.79	104	449294	43.67	PPb		97
77) BROMOFORM	16.10	173	148736	47.80	PPb		98
78) ISOPROPYLBENZENE	16.13	105	604208	42.00	PPb		98
79) BROMOBENZENE	16.58	156	215438	40.99	PPb	#	86
80) 1,1,2,2-TETRACHLOROETHANE	16.48	83	188761	34.70	PPb		96
81) TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	62174	37.00	PPb		91
82) 1,2,3-TRICHLOROPROPANE	16.56	110	60444	38.41	PPb	#	62
83) n-PROPYLBENZENE	16.57	91	804071	39.15	PPb		97
84) O-CHLOROTOLUENE	16.74	91	562816	37.39	PPb		100
85) 1,3,5-TRIMETHYLBENZENE	16.72	105	584303	39.04	PPb		99
86) P-CHLOROTOLUENE	16.84	91	515223	38.99	PPb		97
87) tert-BUTYLBENZENE	17.10	119	544883	43.14	PPb		95
88) 1,2,4-TRIMETHYLBENZENE	17.14	105	614717	38.83	PPb		98
89) PENTACHLOROETHANE	17.21	167	128395	39.74	PPb		89
90) sec-BUTYLBENZENE	17.32	105	763470	40.73	PPb		99
91) p-ISOPROPYLTOLUENE	17.45	119	676893	40.62	PPb		98
92) M-DICHLOROBENZENE	17.55	146	402187	40.97	PPb		98
93) P-DICHLOROBENZENE	17.64	146	410688	41.73	PPb		98
94) n-BUTYLBENZENE	17.89	91	596426	37.42	PPb		98
95) O-DICHLOROBENZENE	18.07	146	387295	39.70	PPb		97
96) HEXACHLOROETHANE	18.35	201	147227	46.90	PPb		95

(#) = qualifier out of range (m) = manual integration
2B48942.D M2B2153.M Wed Sep 17 09:47:24 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48942.D Vial: 2
Acq On : 16 Sep 2008 1:36 am Operator: mohui
Sample : ic2153-40 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 02:01:56 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

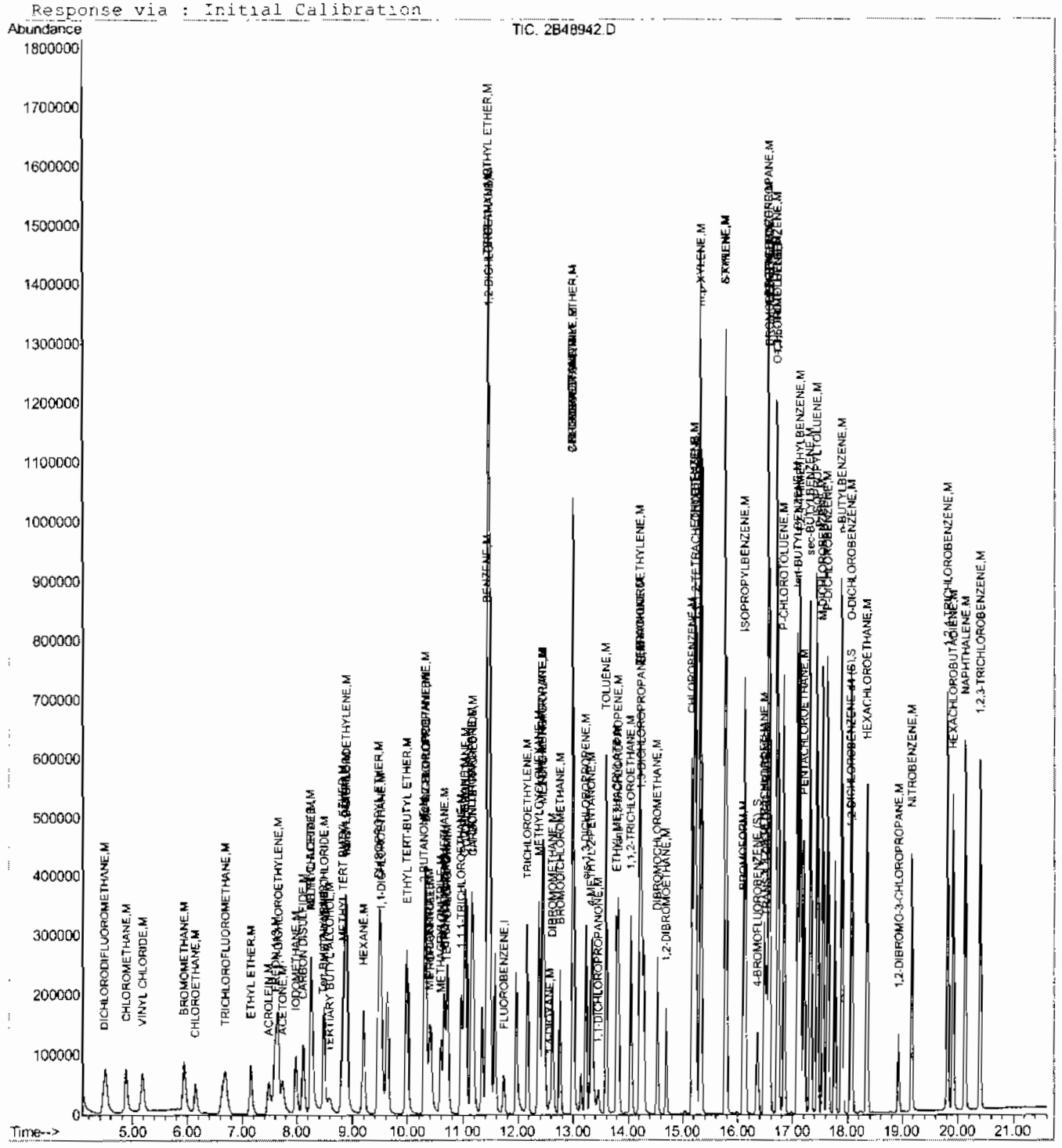
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	38776	50.27	PPb	#	88
98)	NITROBENZENE	19.16	77	253104	1122.75	PPb		89
99)	1,2,4-TRICHLOROBENZENE	19.81	180	300931	44.00	PPb		97
100)	HEXACHLOROBUTADIENE	19.91	225	168924	45.13	PPb		96
101)	NAPHTHALENE	20.13	128	625356	41.45	PPb		99
102)	1,2,3-TRICHLOROBENZENE	20.40	180	264801	42.83	PPb		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B48942.D M2B2153.M Wed Sep 17 09:47:24 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48942.D Vial: 2
Acq On : 16 Sep 2008 1:36 am Operator: mohui
Sample : ic2153-40 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 2:01 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48943.D Vial: 3
Acq On : 16 Sep 2008 2:07 am Operator: mohui
Sample : ic2153-20 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 02:33:16 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	21358	50.00	PPB		-0.01
3) FLUOROBENZENE	11.73	96	79920	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	31273	5.11	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 102.20%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	37722	5.37	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 107.40%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.59	59	34634	94.45	PPb		86
6) DICHLORODIFLUOROMETHANE	4.47	85	69244	14.85	PPb		96
7) CHLOROMETHANE	4.87	50	85595	13.22	PPb		96
8) VINYL CHLORIDE	5.18	62	76883	14.78	PPb		95
9) BROMOMETHANE	5.95	94	57860	16.03	PPb		95
10) CHLOROETHANE	6.16	64	44691	16.29	PPb		99
11) TRICHLOROFLUOROMETHANE	6.69	101	102052	18.33	PPb		100
12) ETHYL ETHER	7.15	45	38171	16.78	PPb		99
13) ACROLEIN	7.48	56	61096	236.00	PPb		88
14) 1,1-DICHLOROETHYLENE	7.65	96	51911	16.58	PPb		96
15) FREON 113	7.61	151	48526	20.14	PPb		94
16) ACETONE	7.74	58	20834	45.03	PPb		99
17) IODOMETHANE	7.99	142	106485	17.05	PPb		96
18) CARBON DISULFIDE	8.11	76	153356	13.45	PPb		100
19) METHYL ACETATE	8.26	43	53287	16.63	PPB		97
20) ALLYL CHLORIDE	8.26	76	34228	16.89	PPb	#	88
21) METHYLENE CHLORIDE	8.49	84	65515	15.95	PPb		90
22) ACRYLONITRILE	8.87	53	139295	89.81	PPb		97
23) METHYL TERT BUTYL ETHER	8.83	73	203644	17.36	PPb		98
24) trans-1,2-DICHLOROETHYLENE	8.89	61	87177	15.91	PPb		96
25) HEXANE	9.20	57	66965	17.48	PPb		98
27) 1,1-DICHLOROETHANE	9.53	63	112876	15.67	PPb		97
28) DI-ISOPROPYL ETHER	9.47	45	212919	17.31	PPb		98
29) ETHYL TERT-BUTYL ETHER	9.98	59	211022	17.47	PPb		99
30) 2-BUTANONE	10.29	72	11440	28.81	PPb	#	10
32) 2,2-DICHLOROPROPANE	10.31	77	85213	14.05	PPb		100
33) cis-1,2-DICHLOROETHYLENE	10.32	61	112871	15.81	PPb		93
34) PROPIONITRILE	10.41	54	108898	173.55	PPb		97
35) METHYLACRYLATE	10.39	55	80253	19.36	PPb		91
36) METHACRYLONITRILE	10.60	41	45360	18.07	PPb		98
37) BROMOCHLOROMETHANE	10.66	128	38699	18.60	PPb	#	90
38) CHLOROFORM	10.72	83	121562	17.03	PPb		97
39) TETRAHYDROFURAN	10.70	42	22881	17.05	PPb		92
40) 1,4-DIOXANE	12.57	88	15452	454.36	PPB		92
41) 1,1,1-TRICHLOROETHANE	10.96	97	105092	17.79	PPb		97
42) CYCLOHEXANE	11.03	84	82508	18.06	PPB		89
43) 1-CHLOROBUTANE	11.05	56	214193	17.32	PPb		98
44) 1,1-DICHLOROPROPENE	11.15	75	83147	17.84	PPb		96
45) CARBON TETRACHLORIDE	11.17	117	92222	18.05	PPb		98
47) 1,2-DICHLOROETHANE	11.46	62	92700	15.86	PPb		99

(#) = qualifier out of range (m) = manual integration
2B48943.D M2B2153.M Wed Sep 17 09:47:30 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48943.D Vial: 3
Acq On : 16 Sep 2008 2:07 am Operator: mohui
Sample : ic2153-20 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 02:33:16 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48) BENZENE	11.43	78	252004	16.57	PPb		99
49) TERT AMYL METHYL ETHER	11.45	73	211332	17.41	PPB	#	98
50) TRICHLOROETHYLENE	12.17	95	68836	18.67	PPb		96
51) METHYLCYCLOHEXANE	12.38	83	97319	18.86	PPB		94
52) METHYL METHACRYLATE	12.44	69	52595	21.22	PPb		94
53) 1,2-DICHLOROPROPANE	12.45	63	66022	16.76	PPb		97
54) DIBROMOMETHANE	12.63	93	45909	17.50	PPb	#	83
55) BROMODICHLOROMETHANE	12.76	83	96966	17.62	PPb		99
56) CHLOROACETONITRILE	12.99	75	35782	141.85	PPb		93
57) 2-NITROPROPANE	12.99	41	34232	17.82	PPb		97
58) 2-CHLOROETHYL VINYL ETHER	12.99	63	231960	89.15	PPb		97
59) cis-1,3-DICHLOROPROPENE	13.23	75	111206	17.97	PPb		97
60) 4-METRYL-2-PENTANONE	13.32	58	42925	26.93	PPb		98
61) 1,1-DICHLOROPROPANONE	13.45	43	30323	14.95	PPb		98
62) TOLUENE	13.60	92	165924	18.03	PPb		99
63) trans-1,3-DICHLOROPROPENE	13.82	75	106742	17.23	PPb		96
64) ETHYL METHACRYLATE	13.79	69	96008	21.71	PPb		96
65) 1,1,2-TRICHLOROETHANE	14.05	83	57435	18.32	PPb		97
66) 1,3-DICHLOROPROPANE	14.25	76	110607	17.44	PPb		93
67) 2-HEXANONE	14.22	58	40655	28.05	PPb		96
68) TETRACHLOROETHYLENE	14.22	166	94837	22.28	PPb		96
69) DIBROMOCHLOROMETHANE	14.53	129	85439	20.45	PPb		99
70) 1,2-DIBROMOETHANE	14.69	107	74284	20.17	PPb		99
71) CHLOROBENZENE	15.17	112	208251	19.92	PPb		96
72) 1,1,1,2-TETRACHLOROETHANE	15.24	131	81416	19.33	PPb		99
73) ETHYLBENZENE	15.22	91	339473	19.23	PPb		97
74) m,p-XYLENE	15.33	106	272450	40.44	PPb		97
75) o-XYLENE	15.78	106	140422	20.62	PPb		95
76) STYRENE	15.79	104	234016	21.94	PPb		97
77) BROMOFORM	16.10	173	73509	22.79	PPb		98
78) ISOPROPYLBENZENE	16.13	105	318130	21.33	PPb		98
79) BROMOBENZENE	16.58	156	111277	20.42	PPb		95
80) 1,1,2,2-TETRACHLOROETHANE	16.48	83	98327	17.43	PPb		97
81) TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	31566	18.12	PPb		92
82) 1,2,3-TRICHLOROPROPANE	16.57	110	31146	19.09	PPb		92
83) n-PROPYLBENZENE	16.56	91	428192	20.11	PPb		97
84) O-CHLOROTOLUENE	16.74	91	294370	18.86	PPb		99
85) 1,3,5-TRIMETHYLBENZENE	16.72	105	306743	19.77	PPb		98
86) P-CHLOROTOLUENE	16.84	91	272019	19.85	PPb		97
87) tert-BUTYLBENZENE	17.10	119	282987	21.61	PPb		95
88) 1,2,4-TRIMETHYLBENZENE	17.14	105	322238	19.63	PPb		98
89) PENTACHLOROETHANE	17.21	167	64878	19.37	PPb		93
90) sec-BUTYLBENZENE	17.32	105	404853	20.83	PPb		99
91) p-ISOPROPYLTOLUENE	17.44	119	356279	20.62	PPb		98
92) M-DICHLOROBENZENE	17.55	146	210009	20.63	PPb		98
93) P-DICHLOROBENZENE	17.64	146	214021	20.97	PPb		99
94) n-BUTYLBENZENE	17.89	91	314335	19.02	PPb		98
95) O-DICHLOROBENZENE	18.07	146	202022	19.97	PPb		98
96) HEXACHLOROETHANE	18.35	201	74983	23.04	PPb		94

(#) = qualifier out of range (m) = manual inregration
2B48943.D M2B2153.M Wed Sep 17 09:47:30 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48943.D Vial: 3
Acq On : 16 Sep 2008 2:07 am Operator: mchui
Sample : ic2153-20 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 02:33:16 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

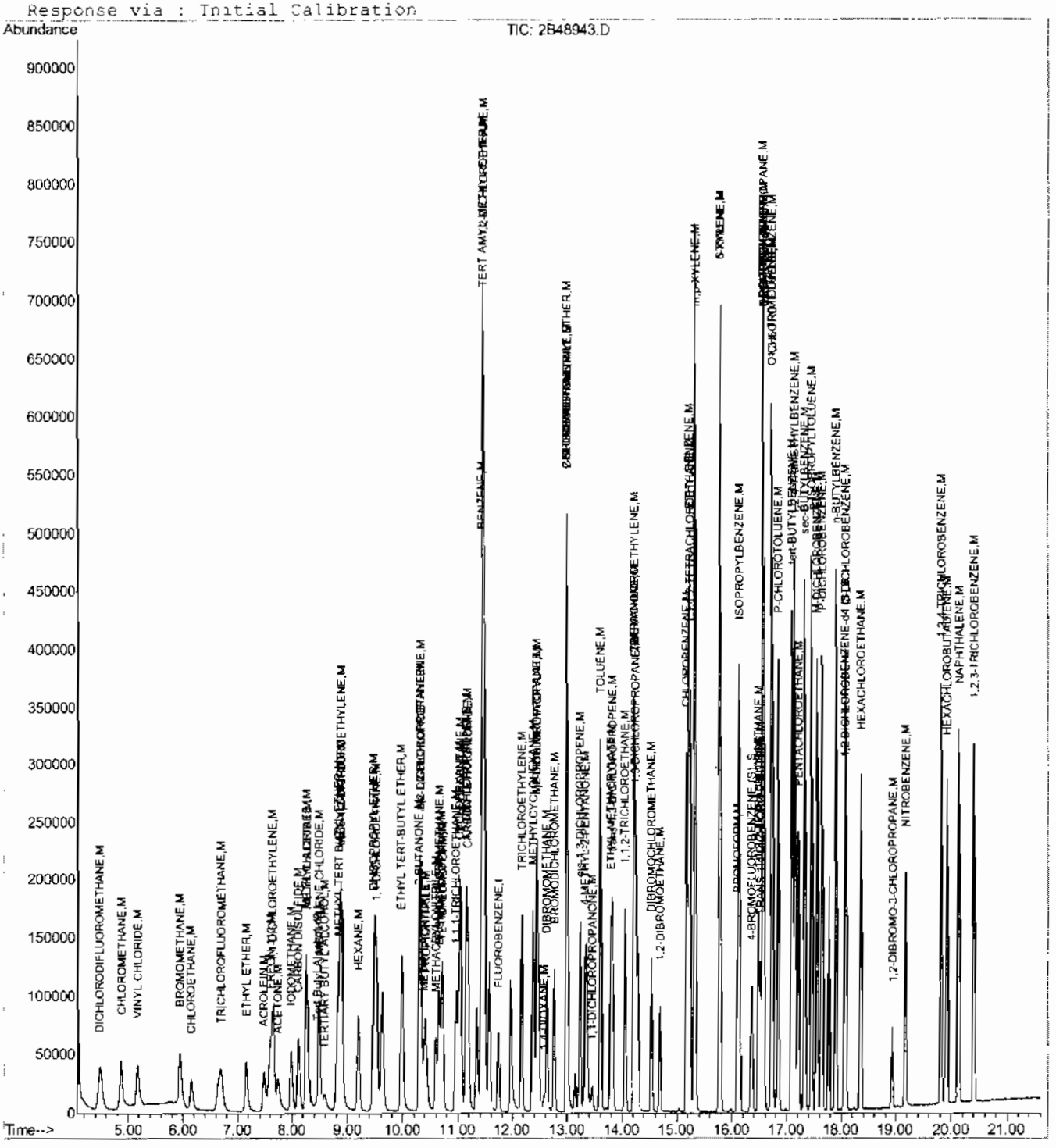
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	19643	24.56	PPb	#	88
98)	NITROBENZENE	19.16	77	114442	489.60	PPb		89
99)	1,2,4-TRICHLOROBENZENE	19.81	180	156432	22.06	PPb		96
100)	HEXACHLOROBUTADIENE	19.91	225	88092	22.70	PPb		97
101)	NAPHTHALENE	20.13	128	327860	20.96	PPb		100
102)	1,2,3-TRICHLOROBENZENE	20.41	180	139705	21.79	PPb		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B48943.D M2B2153.M Wed Sep 17 09:47:30 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48943.D Vial: 3
Acq On : 16 Sep 2008 2:07 am Operator: mohui
Sample : ic2153-20 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 2:33 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48944.D Vial: 4
Acq On : 16 Sep 2008 2:38 am Operator: mohui
Sample : icc2153-10 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 03:04:32 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	21528	50.00	PPB		-0.01
3) FLUOROBENZENE	11.73	96	80023	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	31801	5.19	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 103.80%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	38348	5.45	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 109.00%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.59	59	18391	49.76	PPb		97
6) DICHLORODIFLUOROMETHANE	4.47	85	38663	8.28	PPb		94
7) CHLOROMETHANE	4.87	50	45856	7.07	PPb		96
8) VINYL CHLORIDE	5.16	62	42282	8.12	PPb		95
9) BROMOMETHANE	5.94	94	33139	9.17	PPb		94
10) CHLOROETHANE	6.15	64	24941	9.08	PPb		100
11) TRICHLOROFLUOROMETHANE	6.69	101	55860	10.02	PPb		99
12) ETHYL ETHER	7.16	45	22272	9.78	PPb		94
13) ACROLEIN	7.49	56	34798	134.25	PPb		92
14) 1,1-DICHLOROETHYLENE	7.64	96	28351	9.04	PPb	#	89
15) FREON 113	7.60	151	29407	12.19	PPb		96
16) ACETONE	7.74	58	11622	25.09	PPb		91
17) IODOMETHANE	7.97	142	57267	9.16	PPb		97
18) CARBON DISULFIDE	8.11	76	82063	7.19	PPb		97
19) METHYL ACETATE	8.26	43	30858	9.62	PPB		97
20) ALLYL CHLORIDE	8.26	76	18517	9.13	PPb	#	88
21) METHYLENE CHLORIDE	8.49	84	34861	8.47	PPb		92
22) ACRYLONITRILE	8.87	53	74579	48.03	PPb		97
23) METHYL TERT BUTYL ETHER	8.83	73	107825	9.18	PPb		99
24) trans-1,2-DICHLOROETHYLENE	8.89	61	46998	8.56	PPb		97
25) HEXANE	9.20	57	41811	10.90	PPb		99
27) 1,1-DICHLOROETHANE	9.53	63	61340	8.50	PPb		98
28) DI-ISOPROPYL ETHER	9.47	45	118511	9.62	PPb		100
29) ETHYL TERT-BUTYL ETHER	9.98	59	117446	9.71	PPb		98
30) 2-BUTANONE	10.30	72	6018	15.14	PPb	#	1
32) 2,2-DICHLOROPROPANE	10.31	77	45582	7.51	PPb		99
33) cis-1,2-DICHLOROETHYLENE	10.32	61	60893	8.52	PPb		89
34) PROPIONITRILE	10.41	54	56697	90.24	PPb		94
35) METHYLACRYLATE	10.39	55	42458	10.23	PPb		84
36) METHACRYLONITRILE	10.60	41	24701	9.83	PPb		96
37) BROMOCHLOROMETHANE	10.65	128	20905	10.03	PPb	#	91
38) CHLOROFORM	10.72	83	65259	9.13	PPb		97
39) TETRAHYDROFURAN	10.70	42	12934	9.62	PPb		93
40) 1,4-DIOXANE	12.57	88	9149	268.67	PPB	#	73
41) 1,1,1-TRICHLOROETHANE	10.97	97	56219	9.50	PPb		97
42) CYCLOHEXANE	11.03	84	47965	10.49	PPB		91
43) 1-CHLOROBUTANE	11.04	56	119788	9.67	PPb		98
44) 1,1-DICHLOBOPROPENE	11.15	75	45021	9.65	PPb		97
45) CARBON TETRACHLORIDE	11.17	117	49825	9.74	PPb		97
47) 1,2-DICHLOROETHANE	11.46	62	49570	8.47	PPb		98

(#) = qualifier out of range (m) = manual integration
2B48944.D M2B2153.M Wed Sep 17 09:47:36 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48944.D Vial: 4
Acq On : 16 Sep 2008 2:38 am Operator: mohui
Sample : icc2153-10 Inst : MS2B
Misc : MS70018,V2B2153,W,,,, Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 03:04:32 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

	Compound	R.T.	Qion	Response	Conc	Unit		Qvalue
48)	BENZENE	11.42	78	136547	8.97	PPb		98
49)	TERT AMYL METHYL ETHER	11.45	73	118690	9.76	PPB	#	99
50)	TRICHLOROETHYLENE	12.16	95	36420	9.86	PPb		97
51)	METHYLCYCLOHEXANE	12.37	83	58502	11.32	PPB		96
52)	METHYL METHACRYLATE	12.44	69	27112	10.92	PPb		93
53)	1,2-DICHLOROPROPANE	12.45	63	35335	8.96	PPb		97
54)	DIBROMOMETHANE	12.63	93	24722	9.41	PPb	#	87
55)	BROMODICHLOROMETHANE	12.76	83	50740	9.21	PPb		97
56)	CHLOROACETONITRILE	12.99	75	19936	78.93	PPb		91
57)	2-NITROPROPANE	12.99	41	18960	9.86	PPb		95
58)	2-CHLOROETHYL VINYL ETHER	12.99	63	130417	50.06	PPb		97
59)	cis-1,3-DICHLOROPROPENE	13.23	75	58606	9.46	PPb		98
60)	4-METHYL-2-PENTANONE	13.32	58	22834	14.31	PPb		92
61)	1,1-DICHLOROPROPANONE	13.45	43	16044	7.90	PPb		98
62)	TOLUENE	13.60	92	88654	9.62	PPb		97
63)	trans-1,3-DICHLOROPROPENE	13.82	75	56258	9.07	PPb		95
64)	ETHYL METHACRYLATE	13.79	69	49678	11.22	PPb		96
65)	1,1,2-TRICHLOROETHANE	14.05	83	30010	9.56	PPb		95
66)	1,3-DICHLOROPROPANE	14.25	76	59085	9.30	PPb		92
67)	2-HEXANONE	14.22	58	22606	15.58	PPb		100
68)	TETRACHLOROETHYLENE	14.22	166	50921	11.95	PPb		96
69)	DIBROMOCHLOROMETHANE	14.53	129	43552	10.41	PPb		99
70)	1,2-DIBROMOETHANE	14.69	107	39333	10.66	PPb		95
71)	CHLOROBENZENE	15.17	112	110495	10.56	PPb		95
72)	1,1,1,2-TETRACHLOROETHANE	15.24	131	42556	10.09	PPb		99
73)	ETHYLBENZENE	15.22	91	189955	10.24	PPb		99
74)	m,p-XYLENE	15.33	106	144650	21.44	PPb		98
75)	o-XYLENE	15.78	106	73545	10.78	PPb		98
76)	STYRENE	15.79	104	122789	11.50	PPb		97
77)	BROMOFORM	16.10	173	36569	11.32	PPb		97
78)	ISOPROPYLBENZENE	16.13	105	169419	11.34	PPb		98
79)	BROMOBENZENE	16.58	156	68143	10.65	PPb	#	88
80)	1,1,2,2-TETRACHLOROETHANE	16.48	83	50705	8.98	PPb		96
81)	TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	16365	9.38	PPb		94
82)	1,2,3-TRICHLOROPROPANE	16.56	110	16272	9.96	PPb	#	56
83)	n-PROPYLBENZENE	16.57	91	226719	10.63	PPb		99
84)	O-CHLOROTOLUENE	16.74	91	154875	9.91	PPb		95
85)	1,3,5-TRIMETHYLBENZENE	16.72	105	162318	10.45	PPb		99
86)	P-CHLOROTOLUENE	16.85	91	142630	10.40	PPb		94
87)	tert-BUTYLBENZENE	17.10	119	151471	11.55	PPb		94
88)	1,2,4-TRIMETHYLBENZENE	17.14	105	169357	10.30	PPb		97
89)	PENTACHLOROETHANE	17.21	167	32597	9.72	PPb		95
90)	sec-BUTYLBENZENE	17.32	105	216356	11.12	PPb		99
91)	p-ISOPROPYLTOLUENE	17.45	119	187879	10.86	PPb		97
92)	M-DICHLOROBENZENE	17.55	146	111316	10.92	PPb		97
93)	P-DICHLOROBENZENE	17.64	146	112133	10.97	PPb		96
94)	n-BUTYLBENZENE	17.89	91	167192	10.10	PPb		98
95)	O-DICHLOROBENZENE	18.07	146	105836	10.45	PPb		98
96)	HEXACHLOROETHANE	18.35	201	37878	11.62	PPb		98

(#) = qualifier out of range (m) = manual integration
2B48944.D M2B2153.M Wed Sep 17 09:47:36 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48944.D Vial: 4
Acq On : 16 Sep 2008 2:38 am Operator: mohui
Sample : icc2153-10 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 03:04:32 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	9969	12.45	PPb	#	90
98)	NITROBENZENE	19.17	77	53014	226.51	PPb		88
99)	1,2,4-TRICHLOROBENZENE	19.81	180	81094	11.42	PPb		99
100)	HEXACHLOROBUTADIENE	19.91	225	47337	12.18	PPb		98
101)	NAPHTHALENE	20.13	128	171052	10.92	PPb		98
102)	1,2,3-TRICHLOROBENZENE	20.41	180	73700	11.48	PPb		99

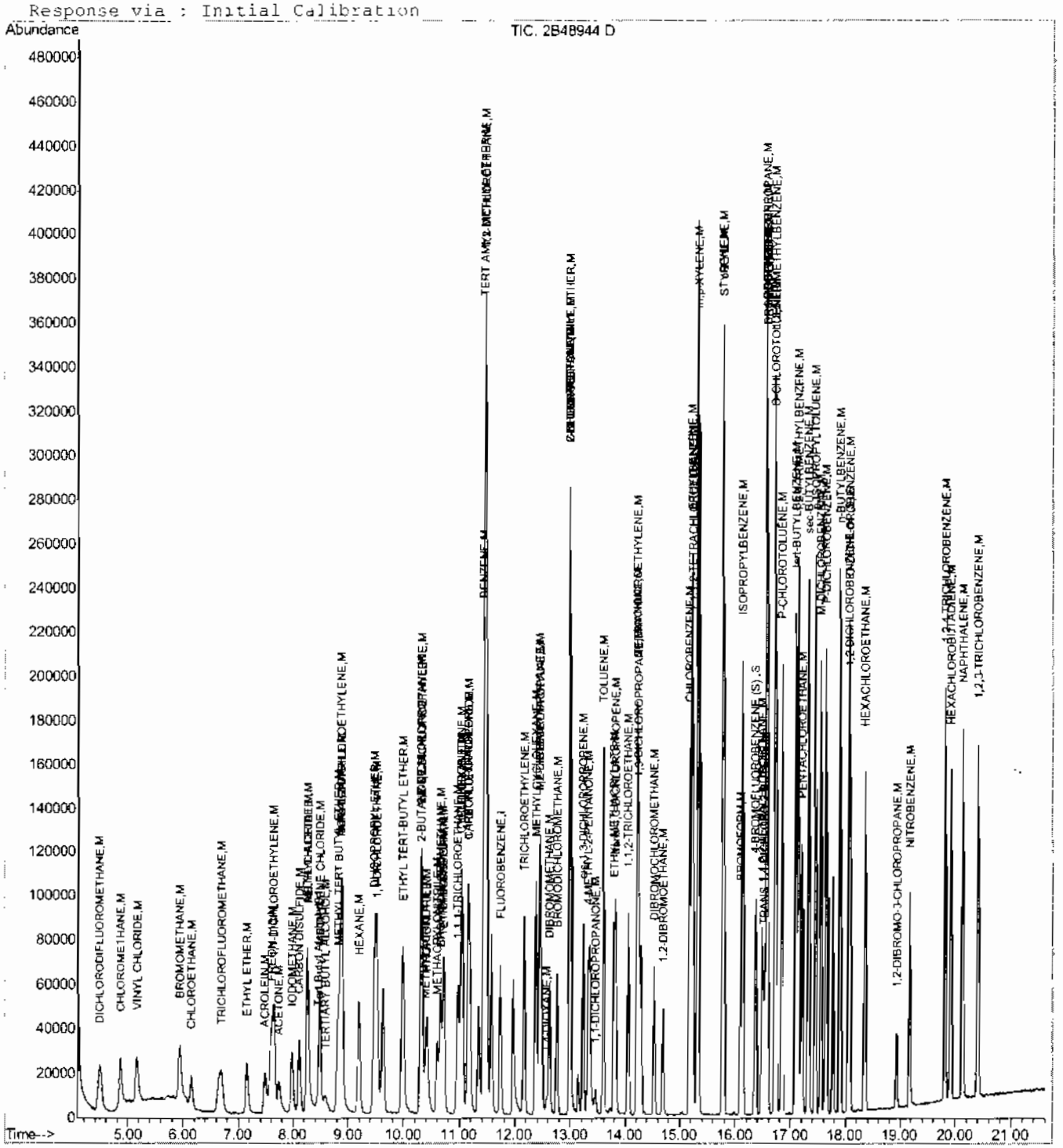
6.6.3

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B48944.D M2B2153.M Wed Sep 17 09:47:36 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48944.D Vial: 4
Acq On : 16 Sep 2008 2:38 am Operator: mohui
Sample : icc2153-10 Inst : MS2B
Misc : MS70018,V2B2153,W,,,, Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 3:04 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48945.D Vial: 5
Acq On : 16 Sep 2008 3:10 am Operator: mohui
Sample : ic2153-5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 03:35:50 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.47	65	21768	50.00	PPB		0.00
3) FLUOROBENZENE	11.73	96	82014	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	32120	5.11	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 102.20%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	38127	5.28	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 105.60%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.59	59	9104	24.36	PPb		96
6) DICHLORODIFLUOROMETHANE	4.47	85	21150	4.42	PPb		96
7) CHLOROMETHANE	4.87	50	23844	3.59	PPb		98
8) VINYL CHLORIDE	5.16	62	22473	4.21	PPb		91
9) BROMOMETHANE	5.95	94	17563	4.74	PPb		91
10) CHLOROETHANE	6.16	64	12792	4.54	PPb		98
11) TRICHLOROFLUOROMETHANE	6.69	101	29749	5.21	PPb		98
12) ETHYL ETHER	7.16	45	10607	4.54	PPb		91
13) ACROLEIN	7.50	56	11999	45.17	PPb		98
14) 1,1-DICHLOROETHYLENE	7.65	96	15051	4.69	PPb		93
15) FREON 113	7.61	151	14962	6.05	PPb		93
16) ACETONE	7.75	58	5567	11.72	PPb		93
17) IODOMETHANE	7.99	142	29143	4.55	PPb		96
18) CARBON DISULFIDE	8.12	76	42721	3.65	PPb		98
19) METHYL ACETATE	8.26	43	14871	4.52	PPB		89
20) ALLYL CHLORIDE	8.26	76	9411	4.53	PPb	#	73
21) METHYLENE CHLORIDE	8.49	84	18112	4.30	PPb		91
22) ACRYLONITRILE	8.88	53	37513	23.57	PPb		98
23) METHYL TERT BUTYL ETHER	8.83	73	55159	4.58	PPb		98
24) trans-1,2-DICHLOROETHYLENE	8.89	61	24446	4.35	PPb		99
25) HEXANE	9.20	57	21358	5.43	PPb		96
27) 1,1-DICHLOROETHANE	9.53	63	31786	4.30	PPb		99
28) DI-ISOPROPYL ETHER	9.48	45	61125	4.84	PPb		96
29) ETHYL TERT-BUTYL ETHER	9.98	59	58923	4.75	PPb		95
30) 2-BUTANONE	10.31	72	2694	6.61	PPb	#	18
32) 2,2-DICHLOROPROPANE	10.31	77	23206	3.73	PPb		98
33) cis-1,2-DICHLOROETHYLENE	10.33	61	31120	4.25	PPb		96
34) PROPIONITRILE	10.42	54	28814	44.75	PPb		97
35) METHYLACRYLATE	10.40	55	20948	4.92	PPb		88
36) METHACRYLONITRILE	10.61	41	12810	4.97	PPb		98
37) BROMOCHLOROMETHANE	10.66	128	10541	4.94	PPb	#	79
38) CHLOROFORM	10.72	83	33284	4.55	PPb		95
39) TETRAHYDROFURAN	10.71	42	6513	4.73	PPb		93
40) 1,4-DIOXANE	12.58	88	4160	119.20	PPB		89
41) 1,1,1-TRICHLOROETHANE	10.97	97	28903	4.77	PPb		97
42) CYCLOHEXANE	11.03	84	24454	5.22	PPB		95
43) 1-CHLOROBUTANE	11.05	56	60678	4.78	PPb		93
44) 1,1-DICHLOROPROPENE	11.15	75	23571	4.93	PPb		95
45) CARBON TETRACHLORIDE	11.17	117	25722	4.90	PPb		98
47) 1,2-DICHLOROETHANE	11.46	62	25142	4.19	PPb		98

(#) = qualifier out of range (m) = manual integration
2B48945.D M2B2153.M Wed Sep 17 09:47:42 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48945.D Vial: 5
Acq On : 16 Sep 2008 3:10 am Operator: mohui
Sample : ic2153-5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multipl: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 03:35:50 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

6.6.4

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48) BENZENE	11.43	78	70051	4.49	PPb		98
49) TERT AMYL METHYL ETHER	11.45	73	58896	4.73	PPB	#	97
50) TRICHLOROETHYLENE	12.17	95	18959	5.01	PPb		98
51) METHYLCYCLOHEXANE	12.38	83	29362	5.54	PPB		92
52) METHYL METHACRYLATE	12.44	69	13586	5.34	PPb		95
53) 1,2-DICHLOROPROPANE	12.45	63	17996	4.45	PPb		95
54) DIBROMOMETHANE	12.63	93	12491	4.64	PPb		90
55) BROMODICHLOROMETHANE	12.76	83	25381	4.49	PPb		98
56) CHLOROACETONITRILE	13.00	75	9599	37.08	PPb		94
57) 2-NITROPROPANE	12.99	41	9811	4.98	PPb		99
58) 2-CHLOROETHYL VINYL ETHER	12.99	63	64028	23.98	PPb		95
59) cis-1,3-DICHLOROPROPENE	13.23	75	29717	4.68	PPb		95
60) 4-METHYL-2-PENTANONE	13.32	58	11365	6.95	PPb		93
61) 1,1-DICHLOROPROPANONE	13.46	43	7330	3.52	PPb		91
62) TOLUENE	13.60	92	45861	4.86	PPb		96
63) trans-1,3-DICHLOROPROPENE	13.82	75	28177	4.43	PPb		94
64) ETHYL METHACRYLATE	13.79	69	24837	5.47	PPb		97
65) 1,1,2-TRICHLOROETHANE	14.06	83	14922	4.64	PPb		95
66) 1,3-DICHLOROPROPANE	14.25	76	29383	4.51	PPb		95
67) 2-HEXANONE	14.22	58	11249	7.56	PPb		97
68) TETRACHLOROETHYLENE	14.22	166	27205	6.23	PPb		96
69) DIBROMOCHLOROMETHANE	14.53	129	21752	5.07	PPb		98
70) 1,2-DIBROMOETHANE	14.69	107	19561	5.18	PPb		99
71) CHLOROBENZENE	15.17	112	56131	5.23	PPb		94
72) 1,1,1,2-TETRACHLOROETHANE	15.24	131	21601	5.00	PPb		97
73) ETHYLBENZENE	15.22	91	91690	5.06	PPb		99
74) m,p-XYLENE	15.33	106	73398	10.62	PPb		100
75) o-XYLENE	15.78	106	37786	5.41	PPb		100
76) STYRENE	15.79	104	60821	5.56	PPb		97
77) BROMOFORM	16.10	173	18020	5.44	PPb		97
78) ISOPROPYLBENZENE	16.13	105	85782	5.60	PPb		99
79) BROMOBENZENE	16.58	156	30067	5.38	PPb	#	88
80) 1,1,2,2-TETRACHLOROETHANE	16.48	83	25597	4.42	PPb		98
81) TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	7875	4.40	PPb		97
82) 1,2,3-TRICHLOROPROPANE	16.56	110	8127	4.85	PPb	#	58
83) n-PROPYLBENZENE	16.57	91	114637	5.25	PPb		97
84) O-CHLOROTOLUENE	16.74	91	79650	4.97	PPb		98
85) 1,3,5-TRIMETHYLBENZENE	16.72	105	82117	5.16	PPb		99
86) P-CHLOROTOLUENE	16.85	91	73563	5.23	PPb		98
87) tert-BUTYLBENZENE	17.10	119	77662	5.78	PPb		94
88) 1,2,4-TRIMETHYLBENZENE	17.15	105	86298	5.12	PPb		96
89) PENTACHLOROETHANE	17.21	167	15990	4.65	PPb		94
90) sec-BUTYLBENZENE	17.32	105	109960	5.51	PPb		99
91) p-ISOPROPYLTOLUENE	17.44	119	96446	5.44	PPb		97
92) M-DICHLOROBENZENE	17.55	146	56440	5.40	PPb		99
93) P-DICHLOROBENZENE	17.64	146	57833	5.52	PPb		99
94) n-BUTYLBENZENE	17.89	91	85370	5.03	PPb		97
95) O-DICHLOROBENZENE	18.08	146	53574	5.16	PPb		98
96) HEXACHLOROETHANE	18.35	201	19189	5.74	PPb		99

(#) = qualifier out of range (m) = manual integration
2B48945.D M2B2153.M Wed Sep 17 09:47:42 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48945.D Vial: 5
Acq On : 16 Sep 2008 3:10 am Operator: mohui
Sample : ic2153-5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 03:35:50 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAeq Meth : M2B2153

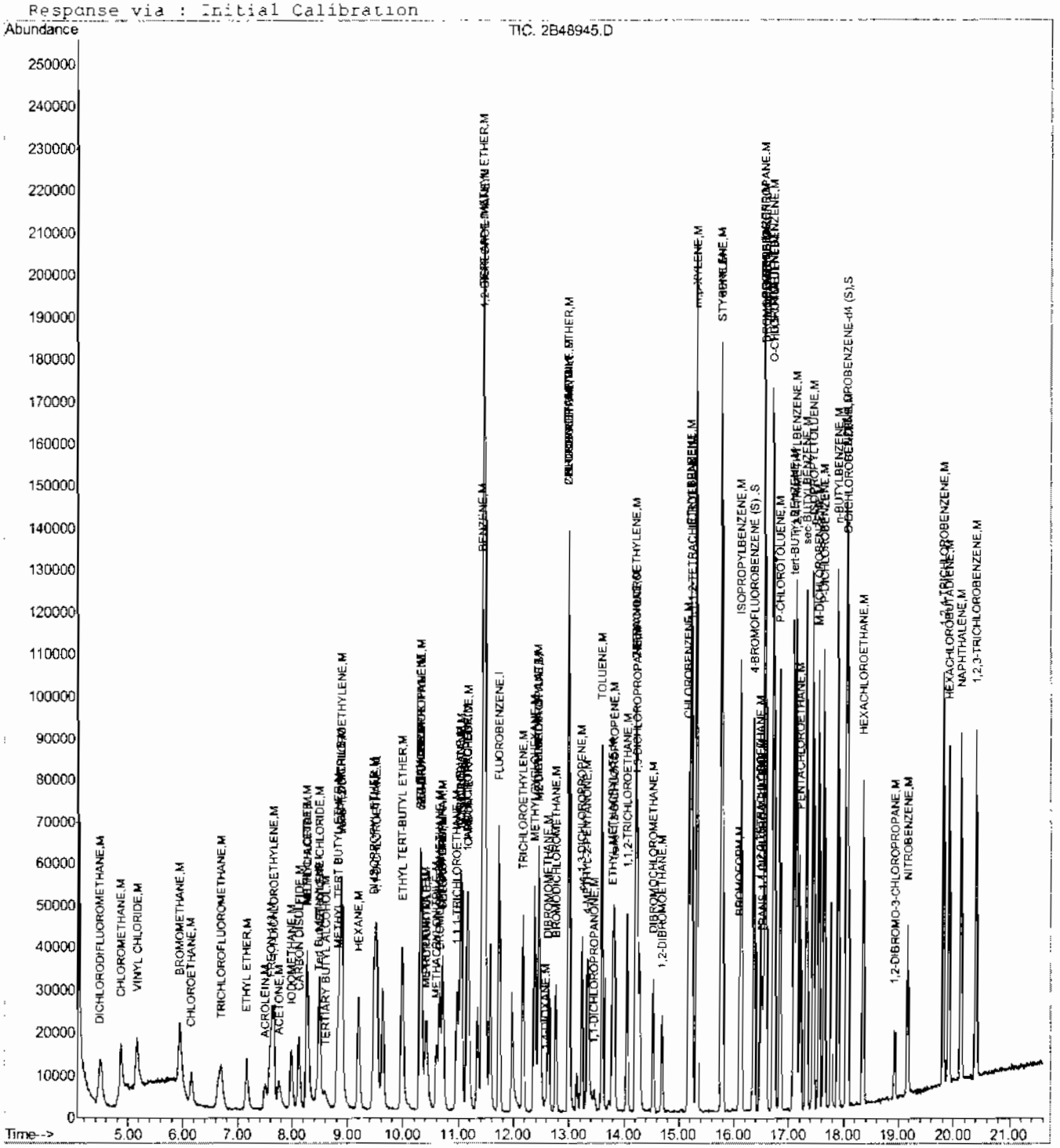
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	4879	5.94	PPb	#	83
98)	NITROBENZENE	19.17	77	21838	91.04	PPb		92
99)	1,2,4-TRICHLOROBENZENE	19.81	180	42554	5.85	PPb		95
100)	HEXACHLOROBUTADIENE	19.91	225	25681	6.45	PPb		98
101)	NAPHTHALENE	20.13	128	84813	5.28	PPb		99
102)	1,2,3-TRICHLOROBENZENE	20.41	180	37872	5.76	PPb		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B48945.D M2B2153.M Wed Sep 17 09:47:42 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48945.D Vial: 5
Acq On : 16 Sep 2008 3:10 am Operator: mchui
Sample : ic2153-5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 3:35 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48946.D Vial: 6
Acq On : 16 Sep 2008 3:41 am Operator: mohui
Sample : ic2153-2 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multipl: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 04:07:04 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	20554	50.00	PPB		-0.01
3) FLUOROBENZENE	11.73	96	79133	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	30696	5.07	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 101.40%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	36843	5.29	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 105.80%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.59	59	3586	10.16	PPb	#	55
6) DICHLORODIFLUOROMETHANE	4.47	85	6570	1.42	PPb		97
7) CHLOROMETHANE	4.86	50	9796	1.53	PPb		91
8) VINYL CHLORIDE	5.15	62	8416	1.63	PPb		90
9) BROMOMETHANE	5.95	94	7464	2.09	PPb		98
10) CHLOROETHANE	6.15	64	4902	1.80	PPb		93
11) TRICHLOROFLUOROMETHANE	6.68	101	10117	1.84	PPb		98
12) ETHYL ETHER	7.16	45	4624	2.05	PPb		94
13) ACROLEIN	7.50	56	6822	26.61	PPb		92
14) 1,1-DICHLOROETHYLENE	7.64	96	5889	1.90	PPb	#	79
15) FREON 113	7.60	151	5743	2.41	PPb		92
16) ACETONE	7.77	58	2037	4.45	PPb	#	87
17) IODOMETHANE	7.99	142	11978	1.94	PPb		91
18) CARBON DISULFIDE	8.12	76	16641	1.47	PPb		97
19) METHYL ACETATE	8.28	43	6719	2.12	PPB		94
20) ALLYL CHLORIDE	8.27	76	3848	1.92	PPb	#	52
21) METHYLENE CHLORIDE	8.49	84	7366	1.81	PPb		89
22) ACRYLONITRILE	8.88	53	14710	9.58	PPb		99
23) METHYL TERT BUTYL ETHER	8.84	73	22528	1.94	PPb		96
24) trans-1,2-DICHLOROETHYLENE	8.90	61	9863	1.82	PPb		97
25) HEXANE	9.19	57	7900	2.08	PPb		91
27) 1,1-DICHLOROETHANE	9.53	63	13104	1.84	PPb		96
28) DI-ISOPROPYL ETHER	9.48	45	25385	2.08	PPb		91
29) ETHYL TERT-BUTYL ETHER	9.98	59	24020	2.01	PPb		99
30) 2-BUTANONE	10.31	72	1063	2.70	PPb	#	45
32) 2,2-DICHLOROPROPANE	10.32	77	9371	1.56	PPb		94
33) cis-1,2-DICHLOROETHYLENE	10.33	61	12929	1.83	PPb		92
34) PROPIONITRILE	10.42	54	11238	18.09	PPb		91
35) METHYLACRYLATE	10.40	55	8280	2.02	PPb		88
36) METHACRYLONITRILE	10.61	41	5372	2.16	PPb		85
37) BROMOCHLOROMETHANE	10.66	128	4330	2.10	PPb	#	81
38) CHLOROFORM	10.72	83	14125	2.00	PPb		97
39) TETRAHYDROFURAN	10.72	42	2842	2.14	PPb		93
40) 1,4-DIOXANE	12.58	88	1273	37.80	PPB	#	65
41) 1,1,1-TRICHLOROETHANE	10.96	97	11405	1.95	PPb		93
42) CYCLOHEXANE	11.03	84	8639	1.91	PPB	#	86
43) 1-CHLOROBUTANE	11.04	56	22716	1.86	PPb		94
44) 1,1-DICHLOROPROPENE	11.15	75	9073	1.97	PPb		92
45) CARBON TETRACHLORIDE	11.17	117	9813	1.94	PPb		93
47) 1,2-DICHLOROETHANE	11.46	62	10202	1.76	PPb		93

(#) = qualifier out of range (m) = manual integration
2B48946.D M2B2153.M Wed Sep 17 09:47:48 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48946.D Vial: 6
Acq On : 16 Sep 2008 3:41 am Operator: mohun
Sample : ic2153-2 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 04:07:04 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	BENZENE	11.43	78	28698	1.91	PPB		97
49)	TERT AMYL METHYL ETHER	11.45	73	24457	2.03	PPB	#	52
50)	TRICHLOROETHYLENE	12.17	95	7752	2.12	PPB		98
51)	METHYLCYCLOHEXANE	12.37	83	11091	2.17	PPB		97
52)	METHYL METHACRYLATE	12.45	69	5331	2.17	PPB	#	87
53)	1,2-DICHLOROPROPANE	12.45	63	7545	1.93	PPB		96
54)	DIBROMOMETHANE	12.63	93	5051	1.94	PPB	#	86
55)	BROMODICHLOROMETHANE	12.76	83	10569	1.94	PPB		97
56)	CHLOROACETONITRILE	13.00	75	3678	14.73	PPB		92
57)	2-NITROPROPANE	13.00	41	4093	2.15	PPB		93
58)	2-CHLOROETHYL VINYL ETHER	12.99	63	25148	9.76	PPB		97
59)	cis-1,3-DICHLOROPROPENE	13.23	75	11834	1.93	PPB		99
60)	4-METHYL-2-PENTANONE	13.32	58	4390	2.78	PPB		89
61)	1,1-DICHLOROPROPANONE	13.46	43	4188	2.09	PPB		85
62)	TOLUENE	13.60	92	18224	2.00	PPB		97
63)	trans-1,3-DICHLOROPROPENE	13.83	75	11236	1.83	PPB		96
64)	ETHYL METHACRYLATE	13.79	69	9715	2.22	PPB		96
65)	1,1,2-TRICHLOROETHANE	14.06	83	6126	1.97	PPB		93
66)	1,3-DICHLOROPROPANE	14.25	76	12272	1.95	PPB		85
67)	2-HEXANONE	14.22	58	4386	3.06	PPB		97
68)	TETRACHLOROETHYLENE	14.22	166	10702	2.54	PPB		95
69)	DIBROMOCHLOROMETHANE	14.53	129	8437	2.04	PPB		98
70)	1,2-DIBROMOETHANE	14.70	107	7848	2.15	PPB		97
71)	CHLOROBENZENE	15.17	112	23156	2.24	PPB		96
72)	1,1,1,2-TETRACHLOROETHANE	15.24	131	8714	2.09	PPB		98
73)	ETHYLBENZENE	15.22	91	36998	2.12	PPB		96
74)	m,p-XYLENE	15.33	106	30118	4.51	PPB		94
75)	o-XYLENE	15.78	106	15086	2.24	PPB		96
76)	STYRENE	15.79	104	24102	2.28	PPB		96
77)	BROMOFORM	16.10	173	6760	2.12	PPB		98
78)	ISOPROPYLBENZENE	16.13	105	33996	2.30	PPB		98
79)	BROMOBENZENE	16.58	156	12146	2.25	PPB	#	89
80)	1,1,2,2-TETRACHLOROETHANE	16.48	83	10238	1.83	PPB		96
81)	TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	2923	1.69	PPB	#	82
82)	1,2,3-TRICHLOROPROPANE	16.56	110	3324	2.06	PPB	#	45
83)	n-PROPYLBENZENE	16.57	91	45941	2.18	PPB		99
84)	O-CHLOROTOLUENE	16.74	91	32097	2.08	PPB		98
85)	1,3,5-TRIMETHYLBENZENE	16.72	105	33323	2.17	PPB		96
86)	P-CHLOROTOLUENE	16.85	91	30039	2.21	PPB		99
87)	tert-BUTYLBENZENE	17.10	119	30705	2.37	PPB		94
88)	1,2,4-TRIMETHYLBENZENE	17.14	105	34325	2.11	PPB		95
89)	PENTACHLOROETHANE	17.21	167	6330	1.91	PPB		91
90)	sec-BUTYLBENZENE	17.32	105	42390	2.20	PPB		99
91)	p-ISOPROPYLTOLUENE	17.44	119	37938	2.22	PPB		99
92)	M-DICHLOROBENZENE	17.55	146	23238	2.31	PPB		96
93)	P-DICHLOROBENZENE	17.64	146	23102	2.29	PPB		95
94)	n-BUTYLBENZENE	17.89	91	32687	2.00	PPB		93
95)	O-DICHLOROBENZENE	18.07	146	21864	2.18	PPB		99
96)	HEXACHLOROETHANE	18.35	201	7376	2.29	PPB		87

(#) = qualifier out of range (m) = manual integration
2B48946.D M2B2153.M Wed Sep 17 09:47:49 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48946.D Vial: 6
Acq On : 16 Sep 2008 3:41 am Operator: mohui
Sample : ic2153-2 Inst : MS2B
Misc : MS700i8,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 04:07:04 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Fri Sep 05 09:14:18 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

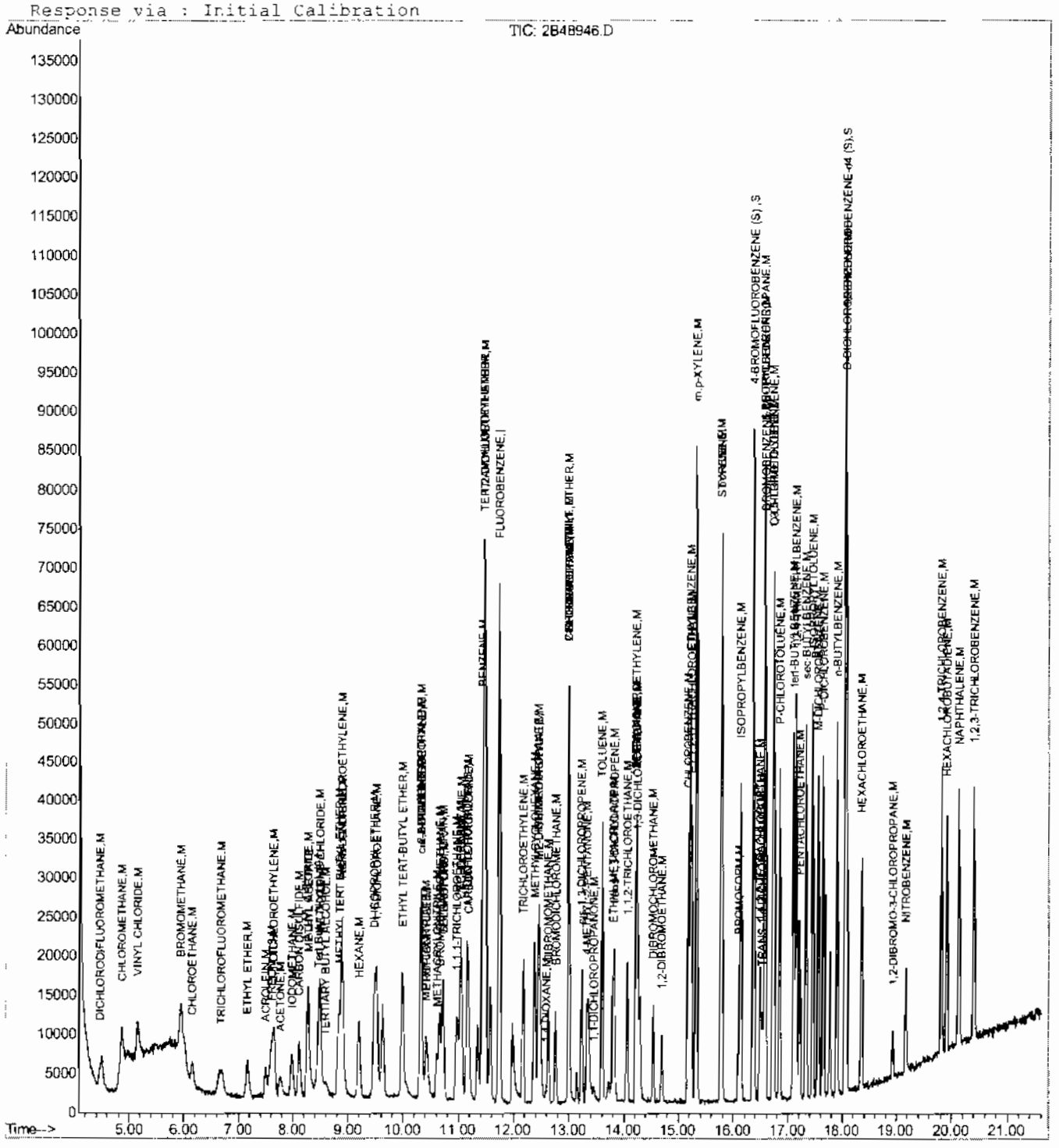
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	1826	2.31	PPb	#	79
98)	NITROBENZENE	19.17	77	7327	31.66	PPb		95
99)	1,2,4-TRICHLOROBENZENE	19.81	180	16744	2.38	PPb		95
100)	HEXACHLOROBUTADIENE	19.92	225	9955	2.59	PPb		99
101)	NAPHTHALENE	20.13	128	33349	2.15	PPb		99
102)	1,2,3-TRICHLOROBENZENE	20.41	180	15042	2.37	PPb		97

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48946.D Vial: 6
Acq On : 16 Sep 2008 3:41 am Operator: mchui
Sample : ic2153-2 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 4:07 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48950.D Vial: 11
Acq On : 16 Sep 2008 9:10 am Operator: mchui
Sample : ic2153-1 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 10:53:59 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Tue Sep 16 10:53:55 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.47	65	20205	50.00	PPB		0.01
3) FLUOROBENZENE	11.73	96	76876	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	30144	5.00	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 100.00%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	35246	4.89	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 97.80%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.60	59	1778	5.18	PPb		88
6) DICHLORODIFLUOROMETHANE	4.48	85	2581	0.76	PPb		88
7) CHLOROMETHANE	4.86	50	5278	1.16	PPb		100
8) VINYL CHLORIDE	5.16	62	4213	1.07	PPb		92
9) BROMOMETHANE	5.95	94	4505	1.25	PPb	#	76
10) CHLOROETHANE	6.16	64	2321	1.03	PPb	#	71
11) TRICHLOROFLUOROMETHANE	6.69	101	4403	0.88	PPb		88
12) ETHYL ETHER	7.18	45	2680	1.26	PPb	#	69
13) ACROLEIN	7.52	56	121	8.40	PPb	#	55
14) 1,1-DICHLOROETHYLENE	7.65	96	3166	1.16	PPb		91
15) FREON 113	7.61	151	2943	1.13	PPb	#	78
16) ACETONE	7.77	58	813	3.27	PPb	#	90
17) IODOMETHANE	7.98	142	6219	1.12	PPb		96
18) CARBON DISULFIDE	8.12	76	8423	1.07	PPb		92
19) METHYL ACETATE	8.29	43	2858	1.01	PPB	#	55
20) ALLYL CHLORIDE	8.27	76	1793	1.06	PPb	#	52
21) METHYLENE CHLORIDE	8.49	84	4107	1.16	PPb		95
22) ACRYLONITRILE	8.89	53	7328	5.23	PPb		98
23) METHYL TERT BUTYL ETHER	8.84	73	12091	1.13	PPb		97
24) trans-1,2-DICHLOROETHYLENE	8.90	61	5620	1.20	PPb		97
25) HEXANE	9.20	57	3996	1.06	PPb		89
27) 1,1-DICHLOROETHANE	9.53	63	7192	1.16	PPb		95
28) DI-ISOPROPYL ETHER	9.49	45	13046	1.10	PPb		96
29) ETHYL TERT-BUTYL ETHER	9.98	59	12659	1.11	PPb		94
30) 2-BUTANONE	10.33	72	399	3.08	PPb	#	39
32) 2,2-DICHLOROPROPANE	10.31	77	6377	1.31	PPb		91
33) cis-1,2-DICHLOROETHYLENE	10.33	61	6813	1.13	PPb		89
34) PROPIONITRILE	10.43	54	5464	10.17	PPb		94
35) METHYLACRYLATE	10.41	55	3924	1.02	PPb		70
36) METHACRYLONITRILE	10.61	41	2715	1.08	PPb		91
37) BROMOCHLOROMETHANE	10.65	128	2046	1.03	PPb	#	76
38) CHLOROFORM	10.72	83	7248	1.10	PPb		93
39) TETRAHYDROFURAN	10.72	42	1617	1.22	PPb		92
40) 1,4-DIOXANE	12.59	88	380	12.57	PPB	#	31
41) 1,1,1-TRICHLOROETHANE	10.96	97	6448	1.16	PPb		82
42) CYCLOHEXANE	11.03	84	4590	1.08	PPB	#	73
43) 1-CHLOROBUTANE	11.05	56	12204	1.11	PPb		92
44) 1,1-DICHLOROPROPENE	11.15	75	4974	1.14	PPb		91
45) CARBON TETRACHLORIDE	11.17	117	5423	1.13	PPb		96
47) 1,2-DICHLOROETHANE	11.47	62	5677	1.14	PPb		92

(#) = qualifier cut of range (m) = manual inregration
2B48950.D M2B2153.M Wed Sep 17 09:48:01 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48950.D Vial: 11
Acq On : 16 Sep 2008 9:10 am Operator: mchui
Sample : ic2153-1 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 10:53:59 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Tue Sep 16 10:53:55 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48) BENZENE	11.43	78	15231	1.13	PPb		97
49) TERT AMYL METHYL ETHER	11.45	73	13011	1.13	PPB	#	52
50) TRICHLOROETHYLENE	12.17	95	4102	1.13	PPb		99
51) METHYLCYCLOHEXANE	12.38	83	5657	1.07	PPB		97
52) METHYL METHACRYLATE	12.44	69	2562	1.01	PPb	#	67
53) 1,2-DICHLOROPROPANE	12.46	63	3921	1.12	PPb		89
54) DIBROMOMETHANE	12.63	93	2647	1.13	PPb		93
55) BROMODICHLOROMETHANE	12.76	83	5523	1.11	PPb		89
56) CHLOROACETONITRILE	13.01	75	1847	5.13	PPb		92
57) 2-NITROPROPANE	13.00	41	2246	1.17	PPb		99
58) 2-CHLOROETHYL VINYL ETHER	13.00	63	12828	5.26	PPb		99
59) cis-1,3-DICHLOROPROPENE	13.23	75	6202	1.08	PPb		96
60) 4-METHYL-2-PENTANONE	13.32	58	2024	3.92	PPb		91
61) 1,1-DICHLOROPROPANONE	13.46	43	1677	1.05	PPb		83
62) TOLUENE	13.60	92	9331	1.08	PPb		98
63) trans-1,3-DICHLOROPROPENE	13.83	75	6125	1.11	PPb		95
64) ETHYL METHACRYLATE	13.80	69	4601	0.99	PPb		94
65) 1,1,2-TRICHLOROETHANE	14.06	83	3248	1.11	PPb		93
66) 1,3-DICHLOROPROPANE	14.25	76	6462	1.12	PPb		94
67) 2-HEXANONE	14.23	58	1942	3.91	PPb		79
68) TETRACHLOROETHYLENE	14.22	166	5813	1.15	PPb		98
69) DIBROMOCHLOROMETHANE	14.53	129	4355	1.04	PPb		92
70) 1,2-DIBROMOETHANE	14.70	107	3879	1.05	PPb		96
71) CHLOROBENZENE	15.17	112	12005	1.11	PPb		95
72) 1,1,1,2-TETRACHLOROETHANE	15.24	131	4746	1.13	PPb		98
73) ETHYLBENZENE	15.22	91	19117	1.09	PPb		99
74) m,p-XYLENE	15.33	106	15534	2.20	PPb		97
75) o-XYLENE	15.78	106	7866	1.10	PPb		99
76) STYRENE	15.79	104	12184	1.05	PPb		96
77) BROMOFORM	16.10	173	3634	1.04	PPb		95
78) ISOPROPYLBENZENE	16.13	105	18191	1.11	PPb		96
79) BROMOBENZENE	16.58	156	6503	1.12	PPb		96
80) 1,1,2,2-TETRACHLOROETHANE	16.48	83	5589	1.13	PPb		96
81) TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	1611	1.04	PPb	#	74
82) 1,2,3-TRICHLOROPROPANE	16.57	110	1763	1.11	PPb	#	76
83) n-PROPYLBENZENE	16.57	91	24020	1.10	PPb		99
84) O-CHLOROTOLUENE	16.74	91	17455	1.14	PPb		94
85) 1,3,5-TRIMETHYLBENZENE	16.72	105	17649	1.12	PPb		97
86) P-CHLOROTOLUENE	16.85	91	16102	1.13	PPb		98
87) tert-BUTYLBENZENE	17.10	119	16502	1.12	PPb		99
88) 1,2,4-TRIMETHYLBENZENE	17.15	105	18357	1.12	PPb		96
89) PENTACHLOROETHANE	17.21	167	3378	1.08	PPb		89
90) sec-BUTYLBENZENE	17.33	105	23232	1.13	PPb		99
91) p-ISOPROPYLTOLUENE	17.45	119	20077	1.11	PPb		96
92) M-DICHLOROBENZENE	17.55	146	12325	1.13	PPb		96
93) P-DICHLOROBENZENE	17.64	146	12453	1.12	PPb		97
94) n-BUTYLBENZENE	17.89	91	17516	1.10	PPb		98
95) O-DICHLOROBENZENE	18.07	146	11419	1.09	PPb		97
96) HEXACHLOROETHANE	18.35	201	3968	1.08	PPb		94

(#) = qualifier out of range (m) = manual integration
2B48950.D M2B2153.M Wed Sep 17 09:48:01 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48950.D Vial: 1.
Acq On : 16 Sep 2008 9:10 am Operator: mohdi
Sample : ic2153-1 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 10:53:59 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Tue Sep 16 10:53:55 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

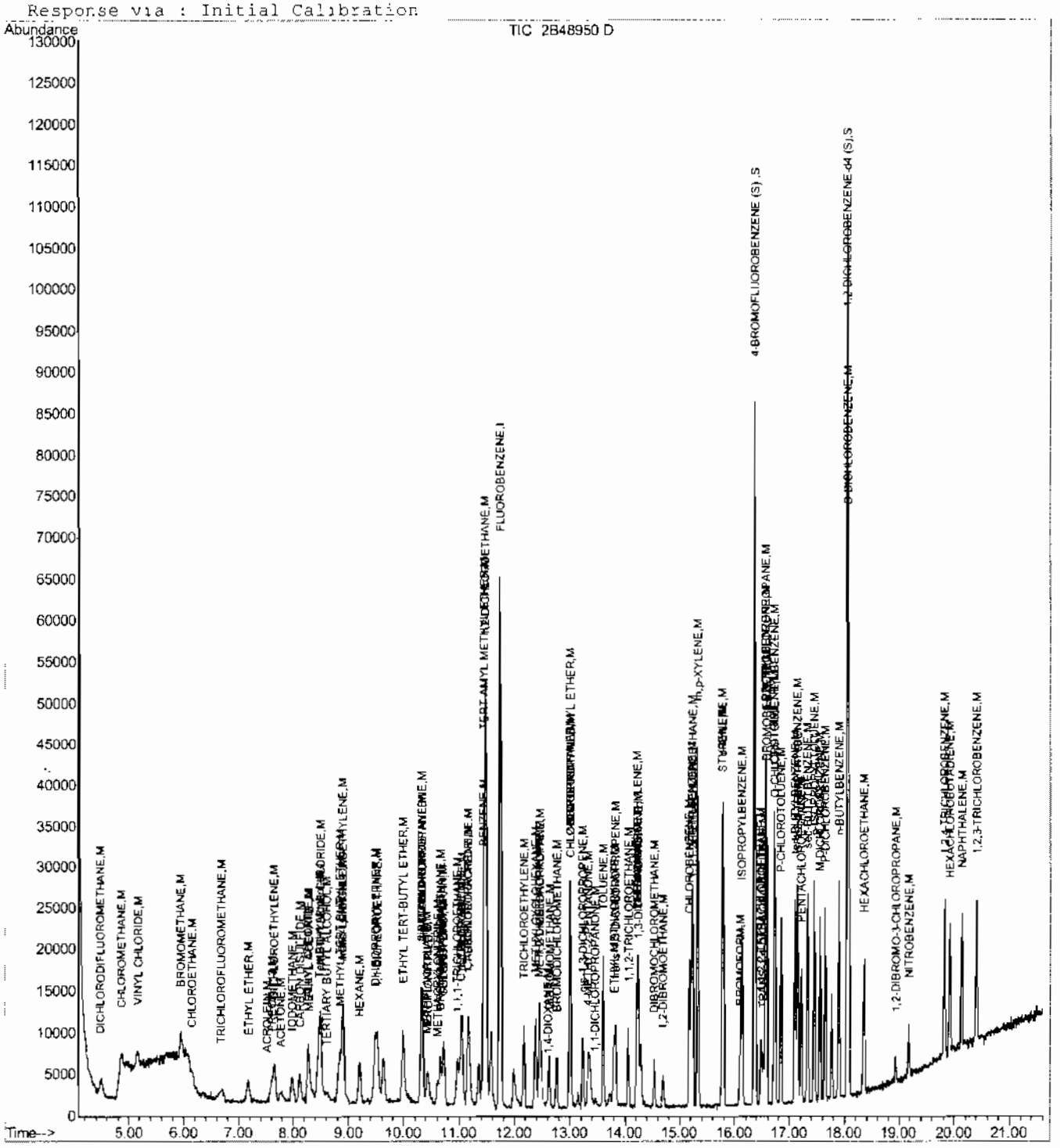
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	819	0.91 PPb	93
98)	NITROBENZENE	19.16	77	3940	9.14 PPb	94
99)	1,2,4-TRICHLOROBENZENE	19.81	180	8633	1.07 PPb	97
100)	HEXACHLOROBUTADIENE	19.91	225	5508	1.16 PPb	93
101)	NAPHTHALENE	20.13	128	16423	1.02 PPb	97
102)	1,2,3-TRICHLOROBENZENE	20.40	180	7813	1.08 PPb	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B48950.D M2B2153.M Wed Sep 17 09:48:01 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48950.D Vial: 11
Acq On : 16 Sep 2008 9:10 am Operator: mobui
Sample : ic2153-1 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 16 10:54 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



2B48950.D M2B2153.M Wed Sep 17 09:48:02 2008 MS2B Page 4

2B48951.D
Manual Integrations APPROVED (compounds with "m" flag)
Jessica Reitan-Chu
09/23/08 15:32

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 09:33:42 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:33:12 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.48	65	20897	50.00	PPB		0.02
3) FLUOROBENZENE	11.73	96	77487	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	30038	4.93	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 98.60%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	35723	4.90	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 98.00%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.60	59	546m	1.54	PPb		
6) DICHLORODIFLUOROMETHANE	4.46	85	399	0.12	PPb	#	53
7) CHLOROMETHANE	4.86	50	2436	0.34	PPb		82
8) VINYL CHLORIDE	5.15	62	1848	0.46	PPb		94
9) BROMOMETHANE	5.96	94	2143	0.64	PPb	#	56
10) CHLOROETHANE	6.17	64	1040	0.45	PPb	#	68
11) TRICHLOROFLUOROMETHANE	6.67	101	1656m	0.33	PPb		
12) ETHYL ETHER	7.17	45	1103	0.52	PPb	#	48
14) 1,1-DICHLOROETHYLENE	7.66	96	1301	0.47	PPb	#	79
15) FREON 113	7.58	151	1062m	0.39	PPb		
17) IODOMETHANE	7.99	142	2948	0.53	PPb		90
18) CARBON DISULFIDE	8.12	76	4153	0.53	PPb		73
19) METHYL ACETATE	8.30	43	1283	0.44	PPB	#	55
20) ALLYL CHLORIDE	8.27	76	671	0.38	PPb	#	7
21) METHYLENE CHLORIDE	8.49	84	2149	0.62	PPb		83
22) ACRYLONITRILE	8.91	53	3477	2.46	PPb		92
23) METHYL TERT BUTYL ETHER	8.85	73	5873	0.55	PPb		95
24) trans-1,2-DICHLOROETHYLENE	8.90	61	2517	0.54	PPb		95
25) HEXANE	9.20	57	1877	0.50	PPb		88
27) 1,1-DICHLOROETHANE	9.52	63	3696	0.61	PPb		96
28) DI-ISOPROPYL ETHER	9.48	45	6925	0.60	PPb		99
29) ETHYL TERT-BUTYL ETHER	9.98	59	6235	0.55	PPb		97
32) 2,2-DICHLOROPROPANE	10.32	77	3111	0.66	PPb		94
33) cis-1,2-DICHLOROETHYLENE	10.33	61	3259	0.54	PPb		94
34) PROPIONITRILE	10.43	54	2704	4.99	PPb		88
35) METHYLACRYLATE	10.41	55	1638	0.41	PPb		85
36) METHACRYLONITRILE	10.61	41	1499	0.61	PPb		85
37) BROMOCHLOROMETHANE	10.65	128	1053	0.53	PPb	#	81
38) CHLOROFORM	10.72	83	3859	0.60	PPb		97
39) TETRAHYDROFURAN	10.72	42	820	0.64	PPb	#	51
41) 1,1,1-TRICHLOROETHANE	10.97	97	2982	0.54	PPb		88
42) CYCLOHEXANE	11.02	84	1886	0.43	PPB	#	12
43) 1-CHLOROBUTANE	11.06	56	5372	0.48	PPb		85
44) 1,1-DICHLOROPROPENE	11.16	75	2274	0.52	PPb		91
45) CARBON TETRACHLORIDE	11.18	117	2435	0.51	PPb		98
47) 1,2-DICHLOROETHANE	11.46	62	2899	0.59	PPb		92
48) BENZENE	11.43	78	7498	0.56	PPb		97
49) TERT AMYL METHYL ETHER	11.45	73	6434	0.56	PPB	#	96
50) TRICHLOROETHYLENE	12.17	95	1935	0.54	PPb	#	87
51) METHYLCYCLOHEXANE	12.38	83	2588	0.48	PPB		95

(#) = qualifier out of range (m) = manual integration
2B48951.D M2B2153.M Wed Sep 17 09:48:05 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 09:33:42 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:33:12 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
52)	METHYL METHACRYLATE	12.45	69	1207	0.47	PPb	#	84
53)	1,2-DICHLOROPROPANE	12.46	63	1932	0.56	PPb		86
54)	DIBROMOMETHANE	12.63	93	1103	0.46	PPb		92
55)	BROMODICHLOROMETHANE	12.76	83	2572	0.51	PPb		90
56)	CHLOROACETONITRILE	13.00	75	491	1.35	PPb	#	67
57)	2-NITROPROPANE	13.00	41	1126	0.60	PPb		83
58)	2-CHLOROETHYL VINYL ETHER	13.00	63	6489	2.67	PPb		96
59)	cis-1,3-DICHLOROPROPENE	13.23	75	3162	0.56	PPb		93
60)	4-METHYL-2-PENTANONE	13.33	58	919	1.73	PPb		89
61)	1,1-DICHLOROPROPANONE	13.46	43	1418	0.88	PPb		83
62)	TOLUENE	13.61	92	4722	0.55	PPb	#	82
63)	trans-1,3-DICHLOROPROPENE	13.83	75	2921	0.53	PPb		86
64)	ETHYL METHACRYLATE	13.79	69	2327	0.49	PPb		92
65)	1,1,2-TRICHLOROETHANE	14.06	83	1589	0.54	PPb		93
66)	1,3-DICHLOROPROPANE	14.25	76	3147	0.55	PPb		96
67)	2-HEXANONE	14.23	58	843	1.64	PPb		61
68)	TETRACHLOROETHYLENE	14.22	166	2688	0.53	PPb		95
69)	DIBROMOCHLOROMETHANE	14.53	129	2149	0.51	PPb		98
70)	1,2-DIBROMOETHANE	14.69	107	1855	0.50	PPb		94
71)	CHLOROBENZENE	15.17	112	5778	0.53	PPb		97
72)	1,1,1,2-TETRACHLOROETHANE	15.24	131	2216	0.53	PPb		96
73)	ETHYLBENZENE	15.22	91	9206	0.53	PPb		96
74)	m,p-XYLENE	15.33	106	7501	1.07	PPb		90
75)	o-XYLENE	15.78	106	3756	0.52	PPb		97
76)	STYRENE	15.80	104	5889	0.50	PPb		89
77)	BROMOFORM	16.10	173	1677	0.47	PPb		93
78)	ISOPROPYLBENZENE	16.13	105	8724	0.53	PPb		93
79)	BROMOBENZENE	16.59	156	3183	0.55	PPb	#	79
80)	1,1,2,2-TETRACHLOROETHANE	16.48	83	2546	0.51	PPb		88
81)	TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	838	0.55	PPb	#	74
82)	1,2,3-TRICHLOROPROPANE	16.57	110	818	0.51	PPb	#	90
83)	n-PROPYLBENZENE	16.56	91	11265	0.51	PPb		99
84)	O-CHLOROTOLUENE	16.74	91	8356	0.55	PPb		98
85)	1,3,5-TRIMETHYLBENZENE	16.72	105	8137	0.51	PPb		92
86)	P-CHLOROTOLUENE	16.85	91	7769	0.55	PPb		93
87)	tert-BUTYLBENZENE	17.10	119	7898	0.54	PPb		97
88)	1,2,4-TRIMETHYLBENZENE	17.14	105	8379	0.51	PPb		94
89)	PENTACHLOROETHANE	17.21	167	1500	0.47	PPb		84
90)	sec-BUTYLBENZENE	17.32	105	10439	0.50	PPb		99
91)	p-ISOPROPYLTOLUENE	17.45	119	9206	0.50	PPb		97
92)	M-DICHLOROBENZENE	17.55	146	5599	0.51	PPb		88
93)	P-DICHLOROBENZENE	17.64	146	6089	0.55	PPb		96
94)	n-BUTYLBENZENE	17.89	91	8188	0.51	PPb		96
95)	O-DICHLOROBENZENE	18.08	146	5819	0.56	PPb		97
96)	HEXACHLOROETHANE	18.36	201	1834	0.49	PPb		90
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	394	0.43	PPb	#	83
98)	NITROBENZENE	19.17	77	1847	3.86	PPb		90
99)	1,2,4-TRICHLOROBENZENE	19.81	180	4506	0.56	PPb		92
100)	HEXACHLOROBUTADIENE	19.91	225	2502	0.53	PPb		92

(#) = qualifier out of range (m) = manual integration
2B48951.D M2B2153.M Wed Sep 17 09:48:05 2008 MS2B

6.6.7

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 09:33:42 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:33:12 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

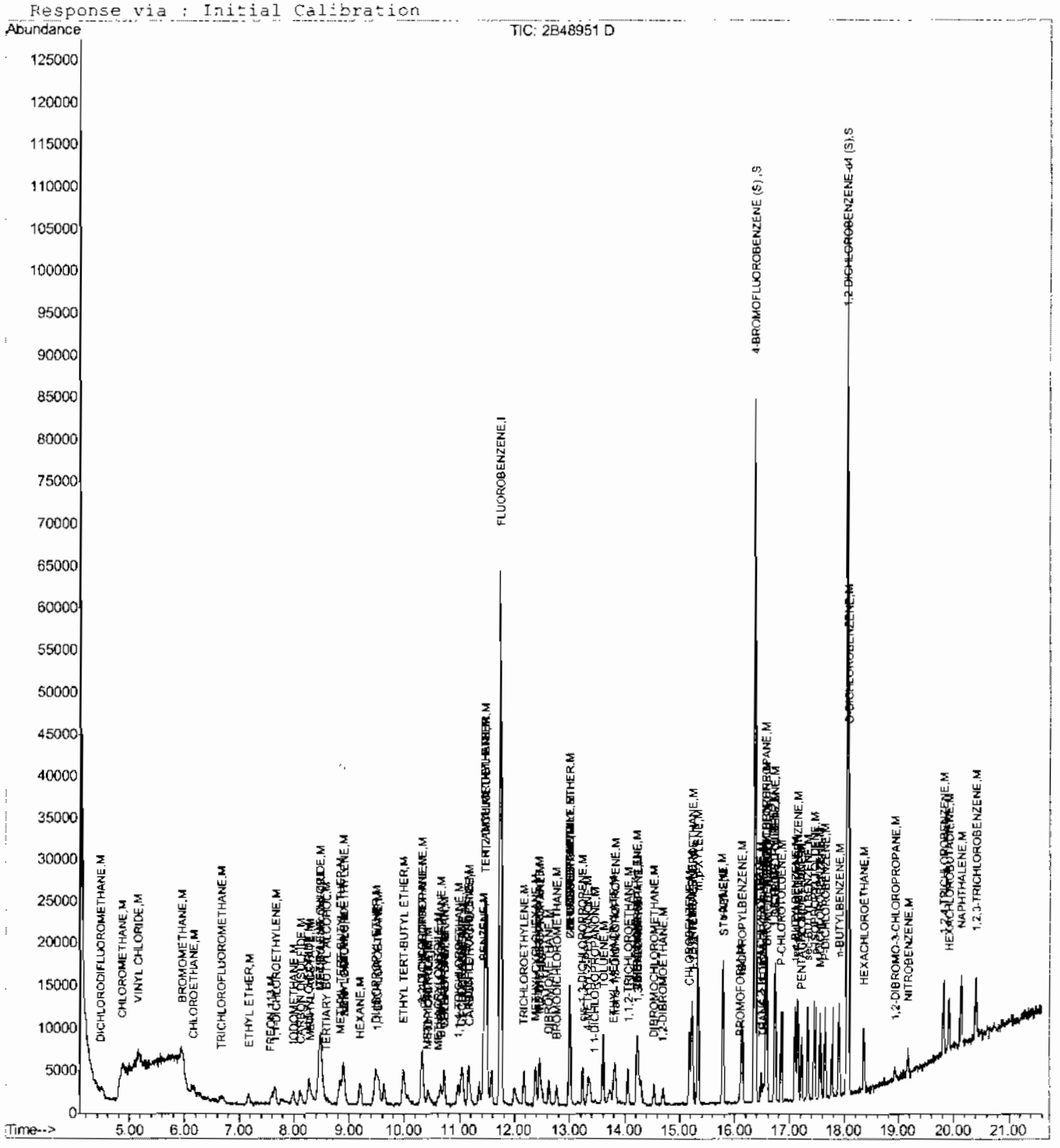
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
101)	NAPHTHALENE	20.13	128	8427	0.52	PPb	99
102)	1,2,3-TRICHLOROBENZENE	20.40	180	3941	0.55	PPb	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B48951.D M2B2153.M Wed Sep 17 09:48:06 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 9:34 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



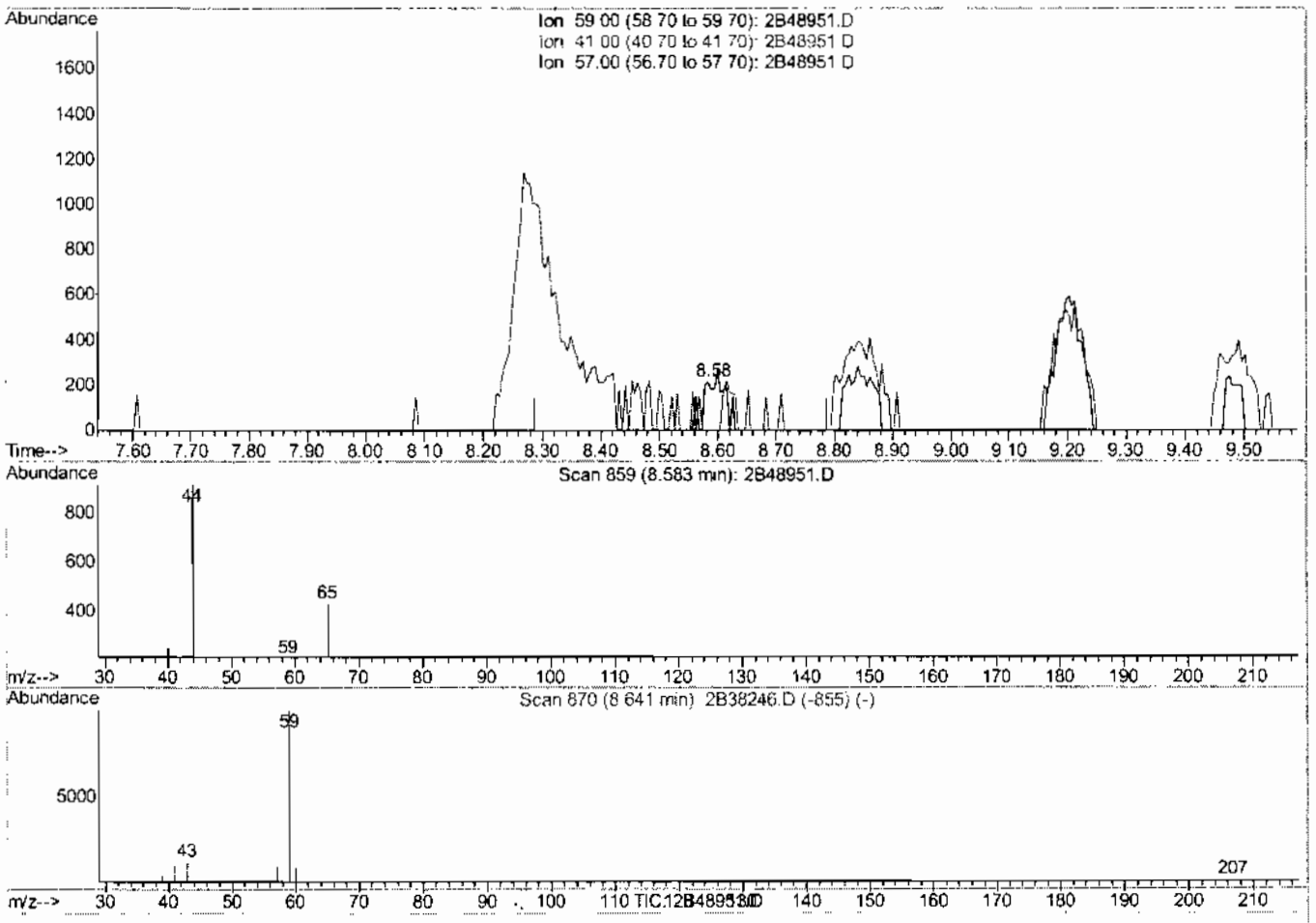
2B48951.D M2B2153.M Wed Sep 17 09:48:06 2008 MS2B Page 4

6.6.7

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: tteint.p
Quant Time: Sep 17 9:33 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:33:12 2008
Response via : Multiple Level Calibration



(2) TERTIARY BUTYL ALCOHOL (M)

8.58mn 0.52PPb

response 186

Ion	Exp%	Act%
59.00	100	100
41.00	14.30	0.00
57.00	9.90	0.00
0.00	0.00	0.00

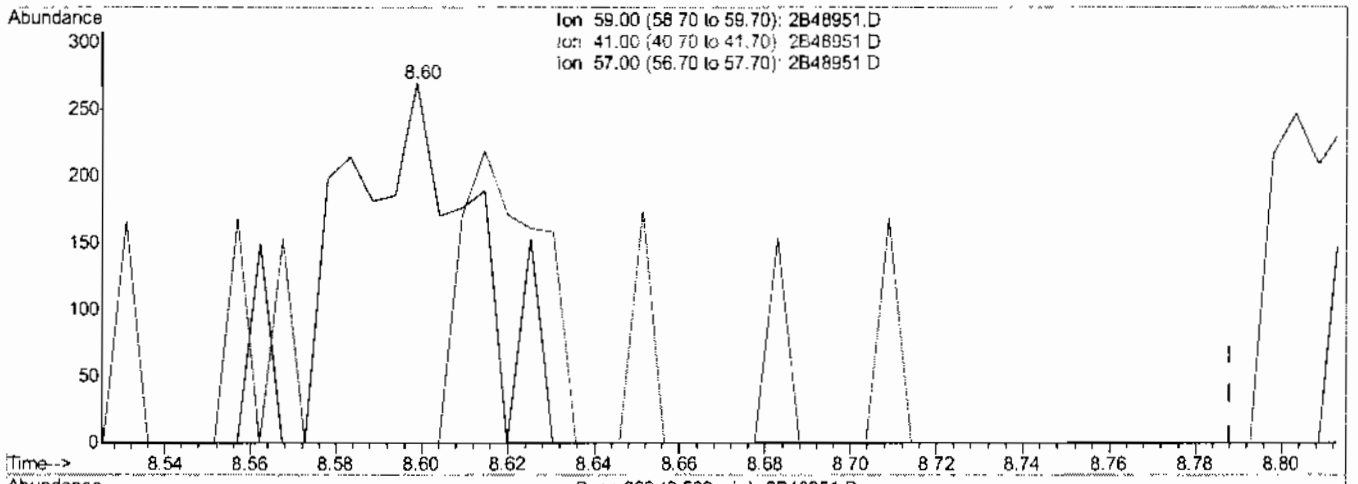
2B48951.D M2B2153.M Wed Sep 17 09:33:56 2008 MS2B

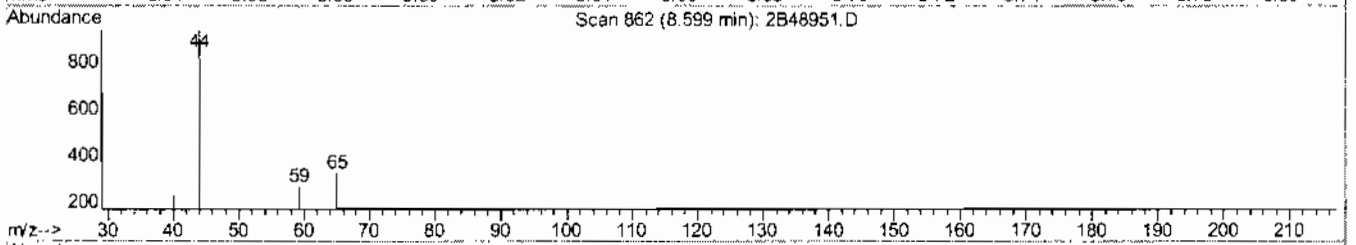
2B48951.D edits: TERTIARY BUTYL ALCOHOL

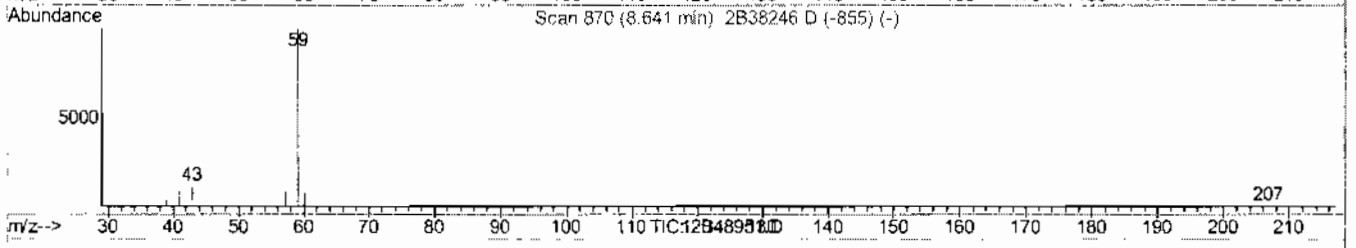
Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 9:34 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:33:12 2008
Response via : Multiple Level Calibration







(2) TERTIARY BUTYL ALCOHOL (M)

8.60min 1.54PPb m

response 546

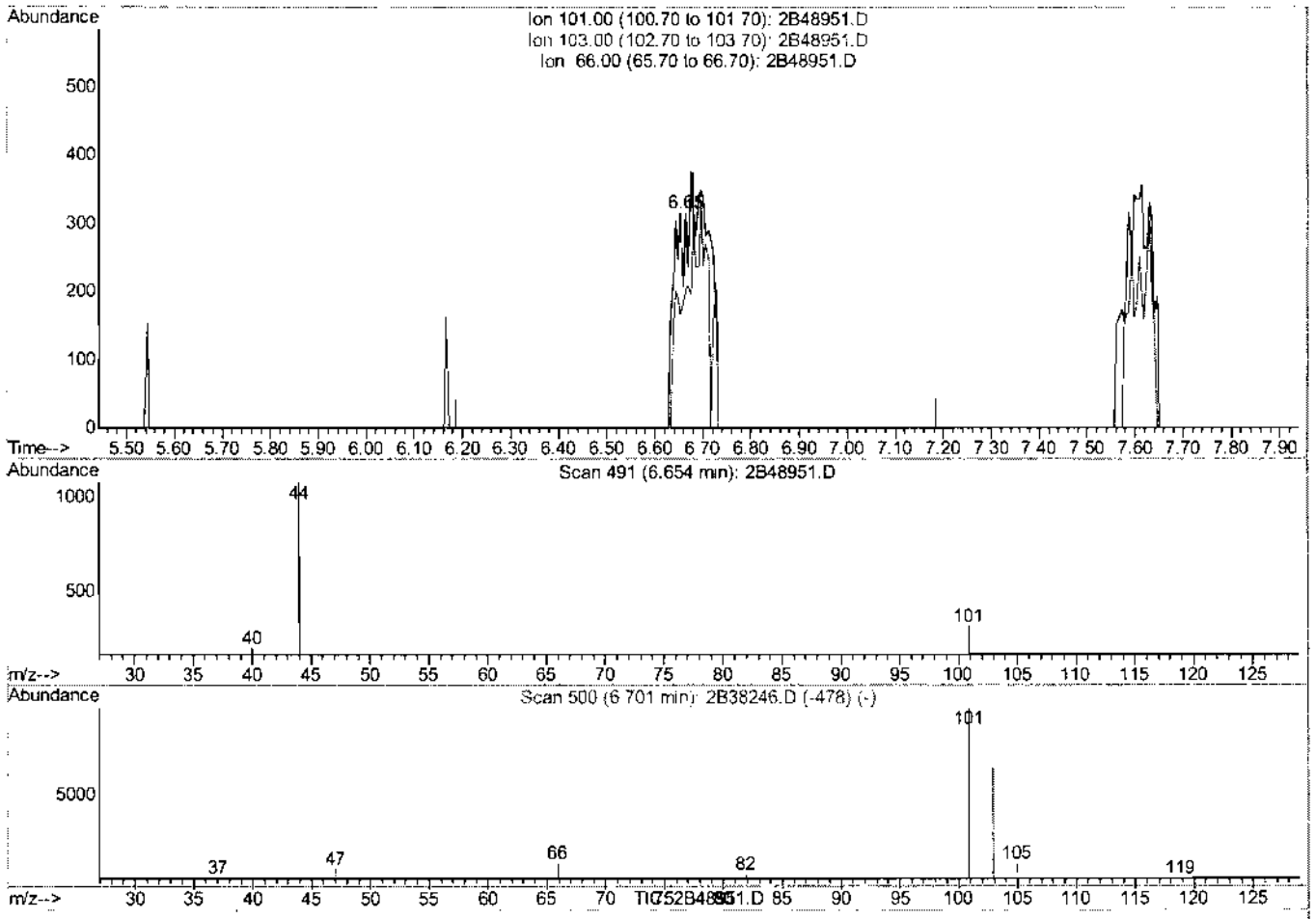
Ion	Exp%	Act%
59.00	100	100
41.00	14.30	0.00
57.00	9.90	0.00
0.00	0.00	0.00

2B48951.D M2B2153.M Wed Sep 17 09:34:07 2008 MS2B

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 9:34 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:33:12 2008
Response via : Multiple Level Calibration



(11) TRICHLOROFLUOROMETHANE (M)

6.65min 0.09PPb

response 457

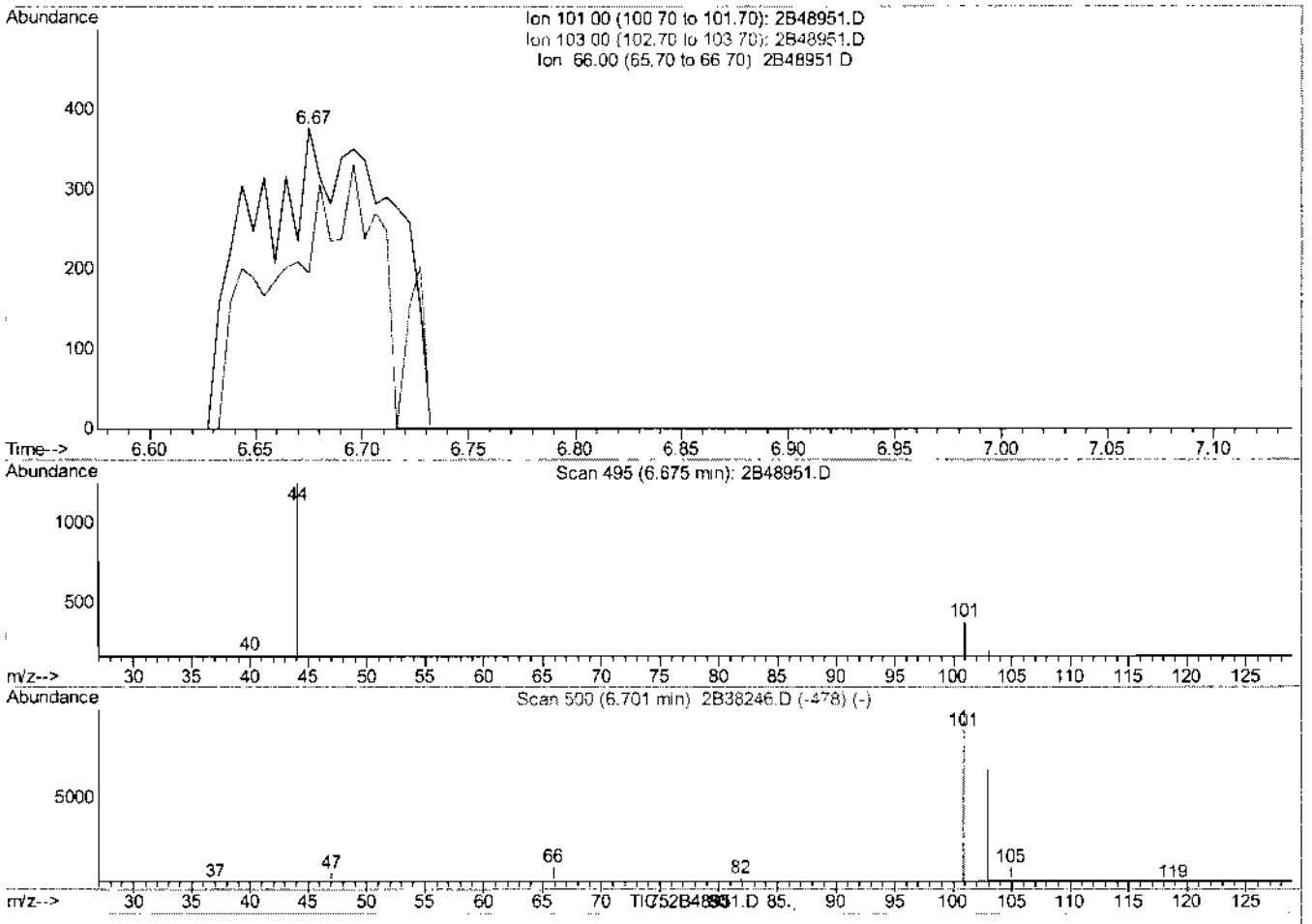
Ion	Exp%	Act%
101.00	100	100
103.00	62.40	34.75#
66.00	11.00	0.00
0.00	0.00	0.00

2B48951.D M2B2153.M Wed Sep 17 09:34:12 2008 MS2B

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 9:34 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:33:12 2008
Response via : Multiple Level Calibration



(11) TRICHLOROFLUOROMETHANE (M)

6.67min 0.33PPb m

response 1656

Ion	Exp%	Act%
101.00	100	100
103.00	62.40	51.86
66.00	11.00	0.00
0.00	0.00	0.00

2B48951.D M2B2153.M Wed Sep 17 09:34:19 2008 MS2B

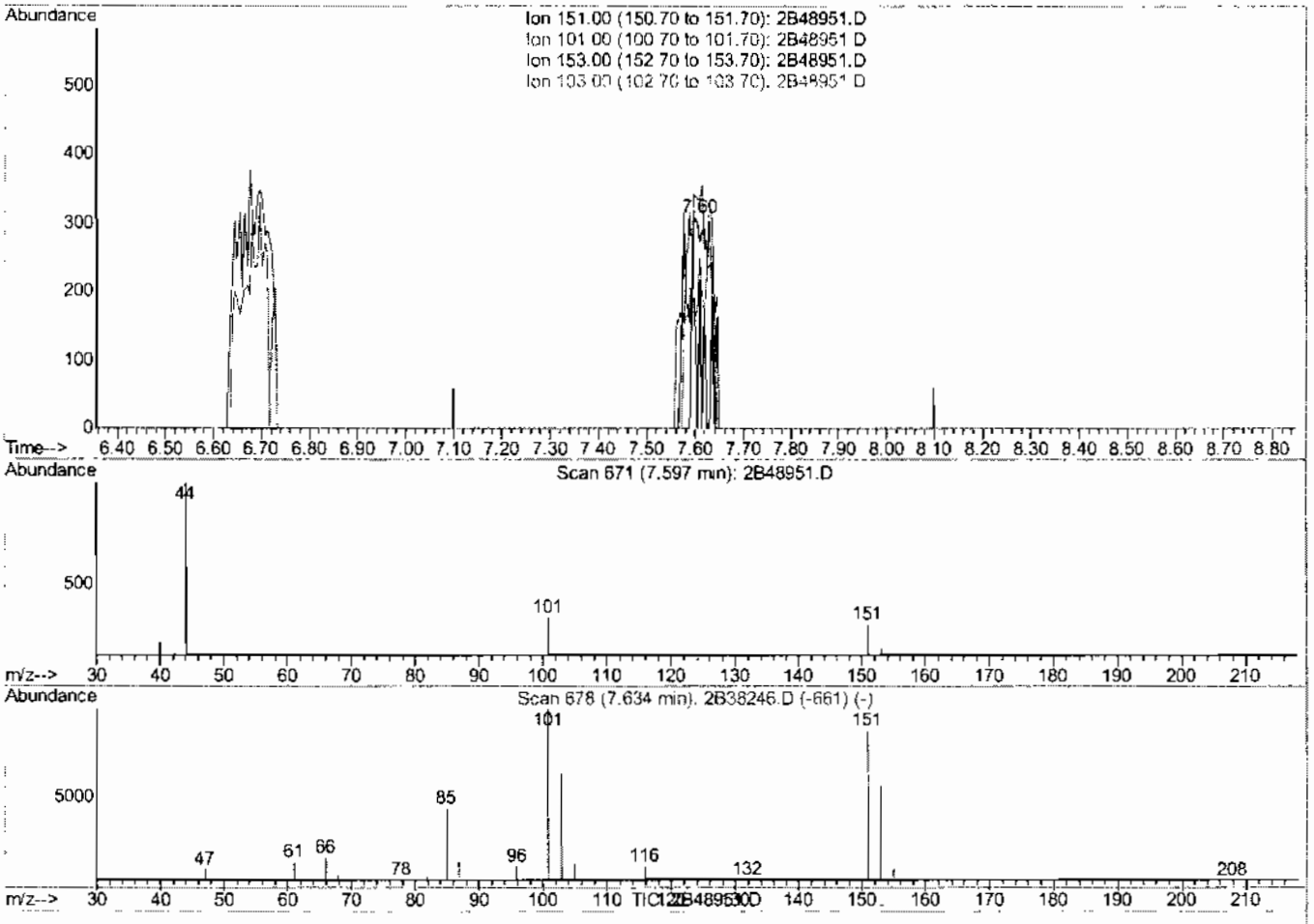
6.6.7.4

6

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 9:34 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:33:12 2008
Response via : Multiple Level Calibration



(15) FREON 113 (M)

7.60min 0.30PPb

response 802

Ion	Exp%	Act%
151.00	100	100
101.00	107.50	80.09#
153.00	61.70	82.68#
103.00	71.60	33.77#

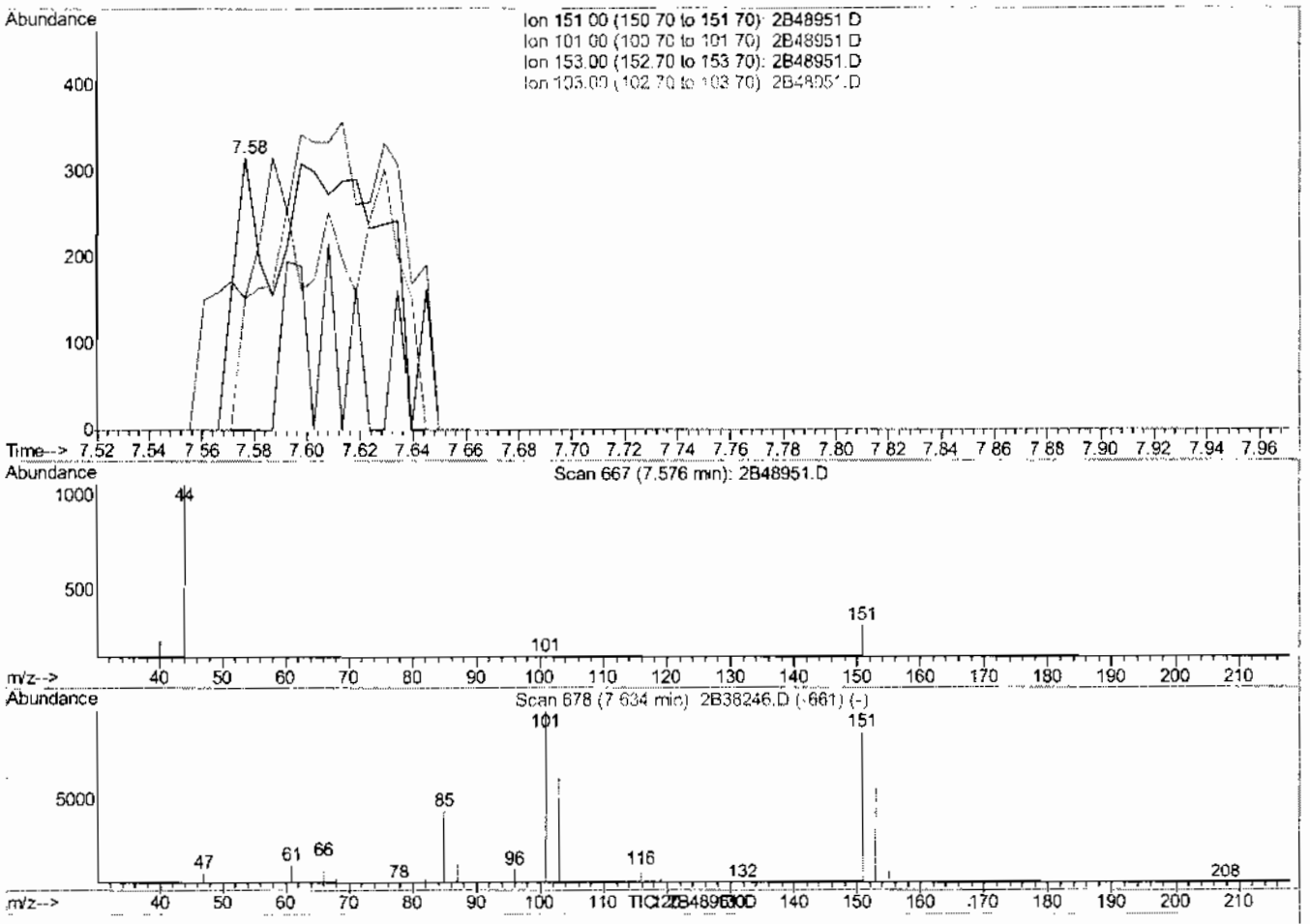
2B48951.D M2B2153.M Wed Sep 17 09:34:25 2008 MS2B

2B48951.D edits: FREON 113

Quantitation Report (Qedit)

Data File : C:\MSDCHEM\1\DATA\2B48951.D Vial: 11
Acq On : 16 Sep 2008 9:49 am Operator: mohui
Sample : ic2153-0.5 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplier: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 9:34 2008 Quant Results File: temp.res

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:33:12 2008
Response via : Multiple Level Calibration



(15) FREON 113 (M)

7.58min 0.39PPb m

response 1062

Ion	Exp%	Act%
151.00	100	100
101.00	107.50	48.73#
153.00	61.70	0.00#
103.00	71.60	48.42#

2B48951.D M2B2153.M Wed Sep 17 09:34:34 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48949.D Vial: 9
Acq On : 16 Sep 2008 5:14 am Operator: mohui
Sample : icv2153-10 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 09:42:59 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	21363	50.00	PPB		0.00
3) FLUOROBENZENE	11.73	96	78064	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	30607	5.00	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 100.00%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	37193	5.08	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 101.60%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.60	59	18399	50.72	PPb		95
6) DICHLORODIFLUOROMETHANE	4.47	85	36772	10.70	PPb		91
7) CHLOROMETHANE	4.87	50	43946	9.49	PPb		92
8) VINYL CHLORIDE	5.16	62	38973	9.77	PPb		95
9) BROMOMETHANE	5.94	94	30608	8.36	PPb		94
10) CHLOROETHANE	6.16	64	22899	10.00	PPb		97
11) TRICHLOROFLUOROMETHANE	6.70	101	52953	10.36	PPb		97
12) ETHYL ETHER	7.16	45	21830	10.13	PPb		95
13) ACROLEIN	7.48	56	40105	127.69	PPb		98
14) 1,1-DICHLOROETHYLENE	7.66	96	28080	10.17	PPb		90
15) FREON 113	7.61	151	27201	10.27	PPb		97
16) ACETONE	7.75	58	10285	40.68	PPb	#	82
17) IODOMETHANE	7.98	142	55902	9.89	PPb		97
18) CARBON DISULFIDE	8.12	76	79461	9.94	PPb		97
19) METRYL ACETATE	8.26	43	29110	10.15	PPB		99
20) ALLYL CHLORIDE	8.26	76	18312	10.69	PPb		98
21) METHYLENE CHLORIDE	8.49	84	34801	9.64	PPb		98
22) ACRYLONITRILE	8.87	53	72680	51.10	PPb		96
23) METHYL TERT BUTYL ETHER	8.83	73	105958	9.76	PPb		99
24) trans-1,2-DICHLOROETHYLENE	8.89	61	46886	9.84	PPb		97
25) HEXANE	9.20	57	38563	10.12	PPb		97
27) 1,1-DICHLOROETHANE	9.53	63	59825	9.49	PPb		99
28) DI-ISOPROPYL ETHER	9.47	45	112802	9.39	PPb		99
29) ETHYL TERT-BUTYL ETHER	9.98	59	112176	9.70	PPb		99
30) 2-BUTANONE	10.29	72	6029	45.77	PPb	#	63
32) 2,2-DICHLOROPROPANE	10.31	77	43114	8.22	PPb		97
33) cis-1,2-DICHLOROETHYLENE	10.32	61	59862	9.80	PPb		99
34) PROPIONITRILE	10.41	54	56881	104.24	PPb		90
35) METHYLACRYLATE	10.39	55	41917	10.72	PPb		96
36) METHACRYLONITRILE	10.60	41	25064	9.86	PPb		97
37) BROMOCHLOROMETHANE	10.66	128	20384	10.08	PPb		96
38) CHLOROFORM	10.72	83	64705	9.70	PPb		97
39) TETRAHYDROFURAN	10.70	42	12492	9.29	PPb		97
40) 1,4-DIOXANE	12.57	88	8226	268.06	PPB	#	94
41) 1,1,1-TRICHLOROETHANE	10.96	97	56617	10.07	PPb		98
42) CYCLOHEXANE	11.03	84	46960	10.93	PPB	#	79
43) 1-CHLOROBUTANE	11.05	56	119035	10.62	PPb		96
44) 1,1-DICHLOROPROPENE	11.15	75	45501	10.27	PPb		96
45) CARBON TETRACHLORIDE	11.17	117	50587	10.41	PPb		98
47) 1,2-DICHLOROETHANE	11.46	62	50997	10.09	PPb		99

(#) = qualifier out of range (m) = manual integration
2B48949.D M2B2153.M Wed Sep 17 09:47:54 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48949.D Vial: 9
Acq On : 16 Sep 2008 5:14 am Operator: mohui
Sample : icv2153-10 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 09:42:59 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	BENZENE	11.43	78	134087	9.82	PPb		98
49)	TERT AMYL METHYL ETHER	11.45	73	113041	9.64	PPB	#	100
50)	TRICHLOROETHYLENE	12.16	95	36984	10.07	PPb		98
51)	METHYLCYCLOHEXANE	12.38	83	53907	10.05	PPB		97
52)	METHYL METHACRYLATE	12.44	69	26857	10.43	PPb		97
53)	1,2-DICHLOROPROPANE	12.45	63	35099	9.87	PPb		97
54)	DIBROMOMETHANE	12.63	93	24397	10.23	PPb		97
55)	BROMODICHLOROMETHANE	12.76	83	50638	10.02	PPb		100
56)	CHLOROACETONITRILE	13.00	75	18871	51.62	PPb		99
57)	2-NITROPROPANE	12.99	41	18510	9.47	PPb		100
58)	2-CHLOROETHYL VINYL ETHER	12.99	63	123062	49.73	PPb		100
59)	cis-1,3-DICHLOROPROPENE	13.23	75	57541	9.87	PPb		99
60)	4-METHYL-2-PENTANONE	13.32	58	21981	41.93	PPb		96
61)	1,1-DICHLOROPROPANONE	13.45	43	15076	9.33	PPb		97
62)	TOLUENE	13.60	92	87879	10.00	PPb		98
63)	trans-1,3-DICHLOROPROPENE	13.82	75	55991	10.02	PPb		98
64)	ETHYL METHACRYLATE	13.79	69	48409	10.22	PPb		98
65)	1,1,2-TRICHLOROETHANE	14.05	83	29924	10.04	PPb		95
66)	1,3-DICHLOROPROPANE	14.25	76	57668	9.82	PPb		98
67)	2-HEXANONE	14.22	58	20745	41.11	PPb		95
68)	TETRACHLOROETHYLENE	14.22	166	51454	10.02	PPb		99
69)	DIBROMOCHLOROMETHANE	14.53	129	43789	10.28	PPb		99
70)	1,2-DIBROMOETHANE	14.69	107	38065	10.11	PPb		100
71)	CHLOROBENZENE	15.17	112	108581	9.87	PPb		98
72)	1,1,1,2-TETRACHLOROETHANE	15.24	131	41649	9.77	PPb		99
73)	ETHYLBENZENE	15.22	91	177993	10.03	PPb		100
74)	m,p-XYLENE	15.33	106	141719	19.80	PPb		99
75)	o-XYLENE	15.78	106	72871	10.00	PPb		100
76)	STYRENE	15.79	104	120047	10.19	PPb		99
77)	BROMOFORM	16.10	173	36331	10.27	PPb		99
78)	ISOPROPYLBENZENE	16.13	105	166443	10.00	PPb		99
79)	BROMOBENZENE	16.38	156	57335	9.72	PPb		98
80)	1,1,2,2-TETRACHLOROETHANE	16.48	83	48328	9.60	PPb		99
81)	TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	15588	9.94	PPb		99
82)	1,2,3-TRICHLOROPROPANE	16.56	110	16457	10.23	PPb		98
83)	n-PROPYLBENZENE	16.57	91	224754	10.15	PPb		99
84)	O-CHLOROTOLUENE	16.74	91	154367	9.89	PPb		98
85)	1,3,5-TRIMETHYLBENZENE	16.72	105	160711	10.04	PPb		99
86)	P-CHLOROTOLUENE	16.85	91	142014	9.84	PPb		99
87)	tert-BUTYLBENZENE	17.10	119	149250	9.95	PPb		98
88)	1,2,4-TRIMETHYLBENZENE	17.14	105	166487	9.99	PPb		100
89)	PENTACHLOROETHANE	17.21	167	31811	10.02	PPb		98
90)	sec-BUTYLBENZENE	17.32	105	213132	10.17	PPb		100
91)	p-ISOPROPYLTOLUENE	17.45	119	186119	10.11	PPb		98
92)	M-DICHLOROPENZENE	17.55	146	108954	9.87	PPb		98
93)	P-DICHLOROBENZENE	17.64	146	111270	9.85	PPb		98
94)	n-BUTYLBENZENE	17.89	91	164183	10.13	PPb		98
95)	O-DICHLOROBENZENE	18.07	146	103698	9.77	PPb		98
96)	HEXACHLOROETHANE	18.35	201	37872	10.16	PPb		96

(#) = qualifier out of range (m) = manual integration
2B48949.D M2B2153.M Wed Sep 17 09:47:55 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48949.D Vial: 9
Acq On : 16 Sep 2008 5:14 am Operator: mohui
Sample : icv2153-10 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 09:42:59 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

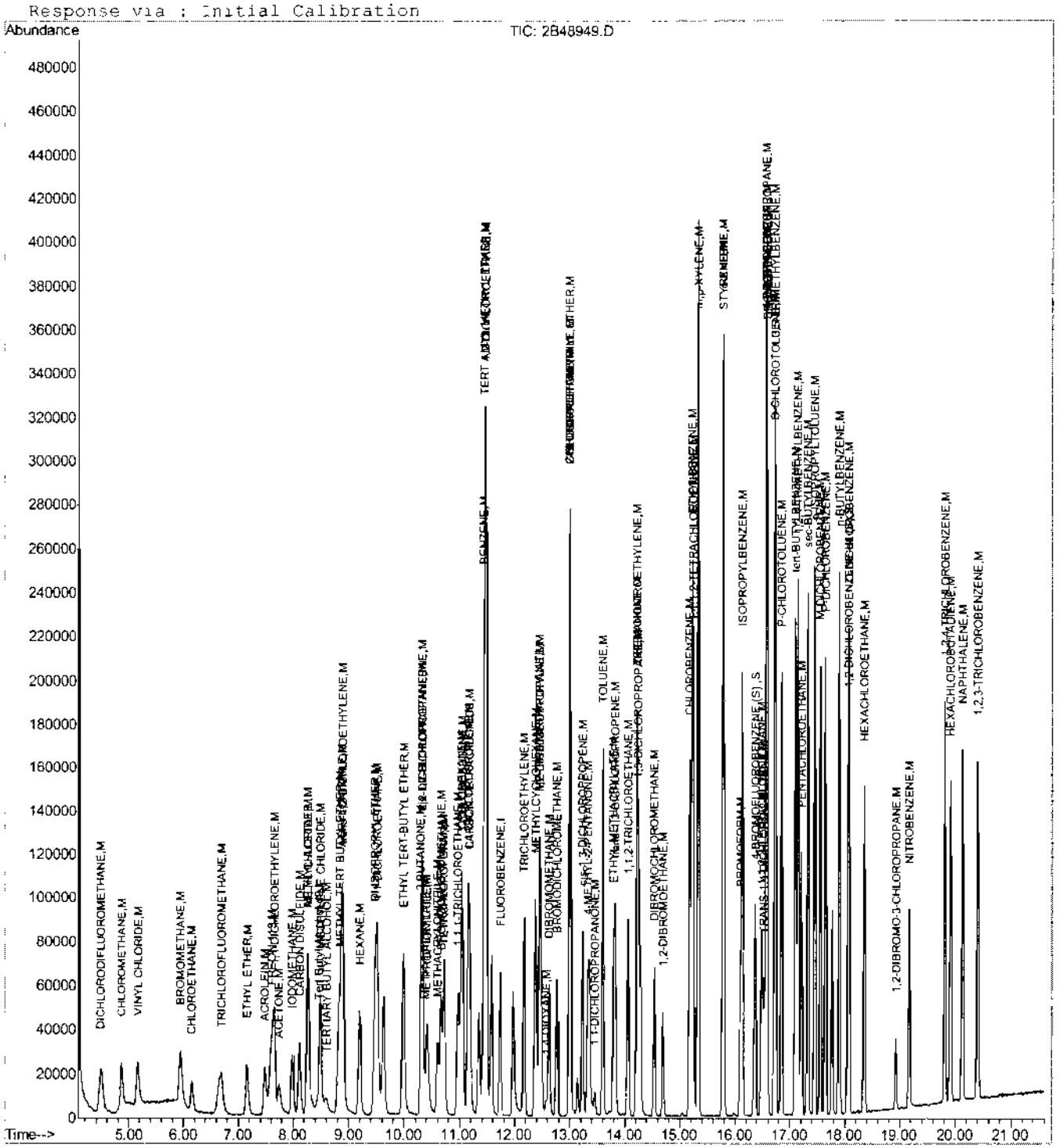
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	9709	10.67	PPb	98
98)	NITROBENZENE	19.17	77	50193	114.71	PPb	99
99)	1,2,4-TRICHLOROBENZENE	19.81	180	79465	9.69	PPb	98
100)	HEXACHLOROBUTADIENE	19.91	225	46164	9.61	PPb	97
101)	NAPHTHALENE	20.13	128	161648	9.86	PPb	99
102)	1,2,3-TRICHLOROBENZENE	20.41	180	70393	9.62	PPb	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B48949.D M2B2153.M Wed Sep 17 09:47:55 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B48949.D Vial: 9
Acq On : 16 Sep 2008 5:14 am Operator: mohui
Sample : icv2153-10 Inst : MS2B
Misc : MS70018,V2B2153,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 17 9:43 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49060.D Vial: 24
Acq On : 18 Sep 2008 9:14 pm Operator: mohui
Sample : cc2153-10 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteinr.p
Quant Time: Sep 18 21:40:36 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Tert Butyl Alcohol-d9	8.46	65	15109	50.00	PPB		0.00
3) FLUOROBENZENE	11.73	96	72133	5.00	PPb		0.00
System Monitoring Compounds							
4) 4-BROMOFLUOROBENZENE (S)	16.37	95	29631	5.23	PPb		0.00
Spiked Amount 5.000	Range 71 - 123		Recovery = 104.60%				
5) 1,2-DICHLOROBENZENE-d4 (S)	18.05	152	34775	5.14	PPb		0.00
Spiked Amount 5.000	Range 74 - 123		Recovery = 102.80%				
Target Compounds							Qvalue
2) TERTIARY BUTYL ALCOHOL	8.58	59	14004	54.58	PPb		79
6) DICHLORODIFLUOROMETHANE	4.48	85	36303	11.43	PPb		90
7) CHLOROMETHANE	4.87	50	40010	9.35	PPb		96
8) VINYL CHLORIDE	5.17	62	37519	10.18	PPb		96
9) BROMOMETHANE	5.95	94	30501	9.01	PPb		99
10) CHLOROETHANE	6.16	64	21858	10.33	PPb		99
11) TRICHLOROFLUOROMETHANE	6.69	101	55997	11.86	PPb		98
12) ETHYL ETHER	7.16	45	16598	8.33	PPb		96
13) ACROLEIN	7.49	56	33736	115.85	PPb		96
14) 1,1-DICHLOROETHYLENE	7.66	96	23509	9.21	PPb		89
15) FREON 113	7.60	151	26118	10.67	PPb		96
16) ACETONE	7.74	58	8912	38.15	PPb		93
17) IODOMETHANE	7.98	142	44709	8.56	PPb		95
18) CARBON DISULFIDE	8.11	76	68880	9.33	PPb		99
19) METHYL ACETATE	8.26	43	27277	10.29	PPB		96
20) ALLYL CHLORIDE	8.26	76	15299	9.66	PPb	#	90
21) METHYLENE CHLORIDE	8.49	84	32826	9.84	PPb		98
22) ACRYLONITRILE	8.87	53	60437	45.98	PPb		97
23) METHYL TERT BUTYL ETHER	8.83	73	87775	8.75	PPb		97
24) trans-1,2-DICHLOROETHYLENE	8.89	61	40820	9.28	PPb		97
25) HEXANE	9.20	57	33787	9.60	PPb		95
27) 1,1-DICHLOROETHANE	9.52	63	54050	9.27	PPb		97
28) DI-ISOPROPYL ETHER	9.47	45	93311	8.41	PPb		96
29) ETHYL TERT-BUTYL ETHER	9.98	59	97397	9.11	PPb		96
30) 2-BUTANONE	10.30	72	4935	40.54	PPb		99
32) 2,2-DICHLOROPROPANE	10.32	77	47032	9.70	PPb		99
33) cis-1,2-DICHLOROETHYLENE	10.32	61	54001	9.57	PPb		97
34) PROPIONITRILE	10.41	54	46277	91.78	PPb		96
35) METHYLACRYLATE	10.39	55	32967	9.12	PPb		96
36) METHACRYLONITRILE	10.60	41	18581	7.91	PPb		91
37) BROMOCHLOROMETHANE	10.66	128	17501	9.37	PPb		95
38) CHLOROFORM	10.72	83	60369	9.80	PPb		96
39) TETRAHYDROFURAN	10.70	42	9055	7.29	PPb		96
40) 1,4-DIOXANE	12.57	88	6260	220.76	PPB	#	82
41) 1,1,1-TRICHLOROETHANE	10.96	97	52965	10.19	PPb		99
42) CYCLOHEXANE	11.03	84	39139	9.86	PPB	#	83
43) 1-CHLOROBUTANE	11.05	56	96988	9.37	PPb		96
44) 1,1-DICHLOROPROPENE	11.15	75	38898	9.50	PPb		98
45) CARBON TETRACHLORIDE	11.17	117	47733	10.63	PPb		99
47) 1,2-DICHLOROETHANE	11.46	62	48230	10.33	PPb		98

(#) = qualifier out of range (m) = manual integration
2B49060.D M2B2153.M Tue Sep 23 09:07:45 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49060.D Vial: 24
Acq On : 18 Sep 2008 9:14 pm Operator: mohui
Sample : cc2153-10 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 18 21:40:36 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48)	BENZENE	11.43	78	118400	9.38	PPb		97
49)	TERT AMYL METHYL ETHER	11.45	73	104177	9.62	PPB	*	96
50)	TRICHLOROETHYLENE	12.17	95	32681	9.63	PPb		96
51)	METHYLCYCLOHEXANE	12.37	83	48848	9.86	PPB		100
52)	METHYL METHACRYLATE	12.44	69	20847	8.76	PPb		97
53)	1,2-DICHLOROPROPANE	12.45	63	31185	9.49	PPb		95
54)	DIBROMOMETHANE	12.63	93	22889	10.38	PPb		94
55)	BROMODICHLOROMETHANE	12.76	83	47841	10.24	PPb		97
56)	CHLOROACETONITRILE	12.99	75	16793	49.71	PPb		94
57)	2-NITROPROPANE	12.99	41	15656	8.67	PPb		95
58)	2-CHLOROETHYL VINYL ETHER	12.99	63	113164	49.49	PPb		99
59)	cis-1,3-DICHLOROPROPENE	13.23	75	50740	9.42	PPb		98
60)	4-METHYL-2-PENTANONE	13.32	58	17991	37.14	PPb		96
61)	1,1-DICHLOROPROPANONE	13.45	43	13898	9.31	PPb		95
62)	TOLUENE	13.60	92	76011	9.36	PPb		96
63)	trans-1,3-DICHLOROPROPENE	13.82	75	51939	10.06	PPb		99
64)	ETHYL METHACRYLATE	13.79	69	36795	8.41	PPb		99
65)	1,1,2-TRICHLOROETHANE	14.05	83	26822	9.74	PPb		97
66)	1,3-DICHLOROPROPANE	14.25	76	52419	9.66	PPb		99
67)	2-HEXANONE	14.22	58	15415	33.06	PPb		96
68)	TETRACHLOROETHYLENE	14.22	166	40906	8.62	PPb		97
69)	DIBROMOCHLOROMETHANE	14.53	129	38608	9.81	PPb		98
70)	1,2-DIBROMOETHANE	14.70	107	33960	9.76	PPb		95
71)	CHLOROBENZENE	15.17	112	93210	9.17	PPb		97
72)	1,1,1,2-TETRACHLOROETHANE	15.24	131	38338	9.73	PPb		98
73)	ETHYLBENZENE	15.22	91	156552	9.55	PPb		100
74)	m,p-XYLENE	15.33	106	124690	18.85	PPb		98
75)	o-XYLENE	15.78	106	63069	9.37	PPb		92
76)	STYRENE	15.79	104	101953	9.36	PPb		98
77)	BROMOFORM	16.10	173	29984	9.17	PPb		97
78)	ISOPROPYLBENZENE	16.13	105	145918	9.49	PPb		99
79)	BROMOBENZENE	16.58	156	50914	9.34	PPb		93
80)	1,1,2,2-TETRACHLOROETHANE	16.48	83	46021	9.89	PPb		97
81)	TRANS-1,4-DICHLORO-2-BUTEN	16.52	53	13582	9.37	PPb		95
82)	1,2,3-TRICHLOROPROPANE	16.56	110	15525	10.44	PPb		95
83)	n-PROPYLBENZENE	16.56	91	205919	10.07	PPb		98
84)	O-CHLOROTOLUENE	16.74	91	146940	10.19	PPb		93
85)	1,3,5-TRIMETHYLBENZENE	16.72	105	144515	9.78	PPb		99
86)	P-CHLOROTOLUENE	16.84	91	133209	9.98	PPb		93
87)	tert-BUTYLBENZENE	17.10	119	130733	9.43	PPb		96
88)	1,2,4-TRIMETHYLBENZENE	17.14	105	155065	10.07	PPb		98
89)	PENTACHLOROETHANE	17.21	167	29739	10.14	PPb		95
90)	sec-BUTYLBENZENE	17.32	105	193785	10.01	PPb		98
91)	p-ISOPROPYLTOLUENE	17.44	119	167976	9.87	PPb		98
92)	M-DICHLOROBENZENE	17.55	146	99045	9.71	PPb		98
93)	P-DICHLOROBENZENE	17.64	146	98721	9.45	PPb		96
94)	n-BUTYLBENZENE	17.89	91	155269	10.37	PPb		100
95)	O-DICHLOROBENZENE	18.07	146	94790	9.66	PPb		99
96)	HEXACHLOROETHANE	18.35	201	31533	9.15	PPb		95

(#) = qualifier out of range (m) = manual integration
2B49060.D M2B2153.M Tue Sep 23 09:07:46 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49060.D Vial: 24
Acq On : 18 Sep 2008 9:14 pm Operator: mohui
Sample : cc2153-10 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 18 21:40:36 2008 Quant Results File: M2B2153.RES

Quant Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration
DataAcq Meth : M2B2153

6.6.9

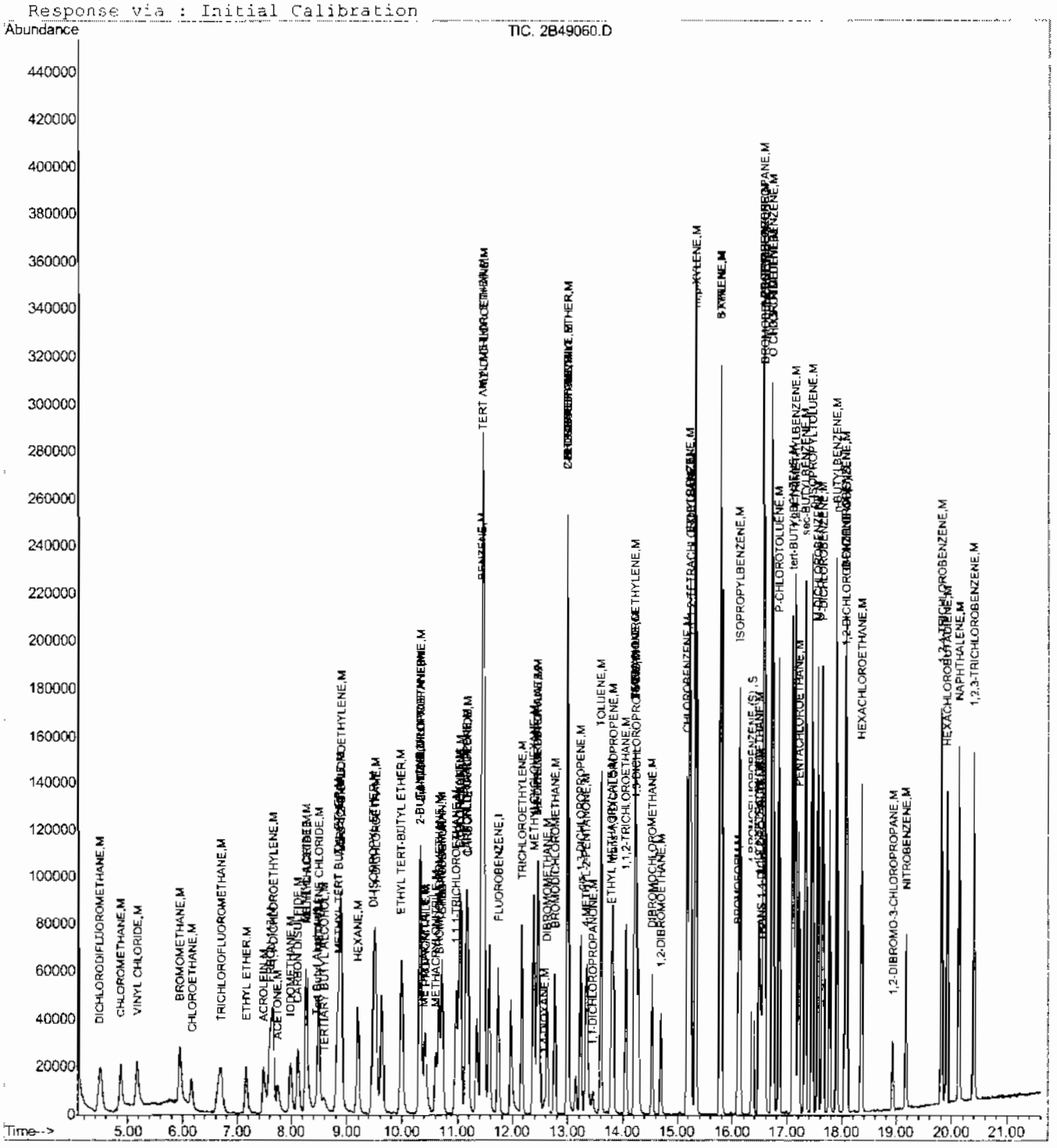
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
97)	1,2-DIBROMO-3-CHLOROPROPAN	18.93	155	7954	9.46 PPb	88
98)	NITROBENZENE	19.16	77	42904	106.11 PPb	96
99)	1,2,4-TRICHLOROBENZENE	19.81	180	68129	9.00 PPb	98
100)	HEXACHLOROBUTADIENE	19.91	225	39191	8.83 PPb	99
101)	NAPHTHALENE	20.13	128	148113	9.78 PPb	99
102)	1,2,3-TRICHLOROBENZENE	20.40	180	62290	9.21 PPb	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed
2B49060.D M2B2153.M Tue Sep 23 09:07:47 2008 MS2B

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\2B49060.D Vial: 24
Acq On : 18 Sep 2008 9:14 pm Operator: mohui
Sample : cc2153-10 Inst : MS2B
Misc : MS70178,V2B2159,W,,,,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Sep 18 21:40 2008 Quant Results File: M2B2153.RES

Method : C:\MSDCHEM\1\METHODS\M2B2153.M (RTE Integrator)
Title : method 524
Last Update : Wed Sep 17 09:41:49 2008
Response via : Initial Calibration



ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: V2B2153

Print Analyst Name: [illegible]

Date: 9/15/08

Analyst Signature: [illegible]

Columns: 2A - 624

Method: V5Y4

Initial Cal. Method: M2B2153

Standard Data

Lot #	Description	Conc.
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Standard Data

Lot #	Description	Conc.
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible] Date: 9/15/08

6.7.1

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* <2
	2B48941	BFB				1	5 mL						OK	1:24 hr	
	48942	LL2153-40				2							OK	CCC #s 14 for prep	
	48943	LL2153-20				3							OK		
	48944	LL2153-10				4							OK		
	48945	LL2153-5				5							OK		
	48946	LL2153-2				6							OK		
	48947	LL2153-1				7							Not used		
	48948	LL2153-0.5				8							↓	↓	
	48949	LL2153-10				9							OK	10 mL Extract to 5 mL, 0.5 mL → 100 ppb	
	48950	LL2153-1				10							OK	CCC #s 34 for prep	
	48951	LL2153-2.5				11	↓						OK	↓	

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt = volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

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Form: QR001-9
Rev. Date: 2/14/2007

ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: V2B2159

Print Analyst Name: [illegible]

Date: 9/19/08

Analyst Signature: [illegible]

Columns: 2B-6M

Method: V8260

Initial Cal. Method: [illegible]

Standard Data		
Lot #	Description	Conc.
[illegible]	[illegible]	100-1000
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Standard Data		
Lot #	Description	Conc.
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	100
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [illegible] Date: 9/18

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt. (ul)	Secondary dilution	L +	IS	SU	Status (Data)	Comments	pH* <2
	2B49059	BFB				23	5 ul						ok	9:41 pm	
	49060	CC2153-10				24					/		ok	[illegible]	
	49061	IB1				25									
	49062	MB1				26					/		ok		
	49063	BS				27					/		ok	[illegible]	
	49064	JA4335-2	[illegible]	W	1	28			10		/		ok		✓
	49065	JA4334-1	[illegible]	W	1	29					/		ok		✓
	49066	JA4335-1		W	1	30					/		ok		✓
	49067	JA4336-2		W	1	31					/		ok		✓
	49068	JA4336-3			1	32					/		ok		✓
	49069	JA4336-4			1	33					/		ok		✓
	49070	JA4336-5		W	1	34					/		ok		✓
	49071	JA4336-6		W	1	35					/		ok		✓
	49072	JA4336-7		W	1	36					/		ok		✓
	49073	JA4336-8		W	1	37					/		ok		✓
	49074	JA4337-10		W	1	38					/		ok		✓
	49075	JA4337-11		W	1	39					/		ok		✓

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.

Sample Amt = Volume (ML) or Weight (g); MOH amt = volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9

Rev. Date: 2/14/2007

6.7.2

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ACCUTEST.

VOLATILE ANALYSIS LOG

Batch ID: V2B2159

Print Analyst Name: [illegible]

Date: 9/18/08

Analyst Signature: [signature]

Columns: 624-6cm

Method: 8260

Initial Cal. Method: [illegible]

Standard Data		
Lot #	Description	Conc.

Standard Data		
Lot #	Description	Conc.
[illegible]	[illegible]	

Manually integrated chromatographic peaks in the following reportable files have been reviewed and verified to comply with the criteria of Accutest SOP EQA044.

Supervisor Signature: [signature] Date: 9/18

R	Data File	Sample ID	Test	MTX	Vial #	ALS #	Samp. Amt (ml or g)	MOH amt (ul)	Secondary dilution	L+	IS	SU	Status (Data)	Comments	pH* <2
	V8 49076	JA4336-1W	8260B VOA	W	1	40	5m		1:1				OK OK	MA 10P	
	49077	JA4336-1S			1	41							OK OK	MA 10P	
	49078	JA4336-1			1	42							OK		
	49079	JA4336-1MS			2	43							OK	2.5m A.S OK 1 1M 1:1 5m 5mg/L	
	49080	JA4336-1MSD			3	44							OK	L	

MTX = Matrix Designate W for water, S for soil, O for oil. L+ =Library Search. IS = Internal Standard Area. SU = Surrogate.
Sample Amt = Volume (ML) or Weight (g); MOH amt = volume (ul) extract injected * IF pH > 2, comment on sample result.

All strike outs must be initialed, dated and reason code applied as follows: 1 = reviewer correction error; 2 = transcription error; 3 = computer miscalculation; 4 = analyst's correction error

Form: OR001-9
Rev. Date: 2/14/2007

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