WPM ✓

Site #915066

BENCHMARK
ENVIRONMENTAL
ENGINEERING &
SCIENCE, PLLC

October 21, 2008

Ms. Margaret A Ferrentino
Chief Financial Officer
Mercy Flight, Inc.
P.O. Box 224
Buffalo, NY 14225

Re: Sub-Slab Vapor Sampling Report
100 Amherst Villa Road
Cheektowaga, New York

Dear Ms. Ferrentino:

We have prepared this letter report summarizing the results of the subslab vapor sampling performed at Mercy Flight's newly constructed heliport hanger and associated offices at 100 Amherst Villa Road, Cheektowaga, NY. This sampling was performed in accordance with our June 27, 2008 Sub-Slab Vapor Sampling Work Plan, which was approved by the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH). A summary of the findings is presented below.

Sample Collection and Analysis

The sampling program, conducted on September 12, 2008 consisted of collecting and analyzing subslab vapor samples within the office portion of the newly constructed building (See Figure 1). Subslab samples were collected by hammer-drilling a ¾-inch steel bit through the concrete floor and stone bedding. Following advancement through the concrete, approximately six inches of sub-slab soil/stone was removed from the hole. A ¼-inch hollow plastic tube with a 3-way valve (in the closed position) was immediately inserted into the concrete core hole and secured. Modeling clay was used to seal the tube against the floor and prevent short-circuiting of surface air. The seal was then tested with helium to assure that there were no leaks. A 6-liter evacuated Summa Canister fitted with an 8-hour regulator was then attached to the line. All Summa Canister valves remained closed until the borings were complete and all of the canisters were in their respective positions. The valves were then opened for the required 8-hour collection period. Following sample collection, Benchmark personnel closed and capped each canister valve. All concrete openings were repaired with a cement patch. The canisters were shipped to TestAmerica Laboratories in Burlington, VT for analysis of Target Compound List volatile organic compounds (VOCs) in accordance with USEPA Method TO-15. A copy of the Laboratory Analytical Report is presented in Attachment 1.

Sample Results

Tetrachloroethene (PCE) was detected in sample location SS-1 and SS-2 at concentrations of 17 ug/m^3 and 16 ug/m^3, respectively. Comparison of the sub-slab vapor data for PCE with Matrix 2 values from NYSDOH document entitled "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", and as agreed to by NYSDOH personnel, no further actions are required as these concentrations are below the PCE sub-slab vapor concentration threshold of 100 ug/m^3. As such, operation of an active sub-slab depressurization (ASD) system at your facility is not required.

Conclusions and Recommendations

Based on NYSDOH vapor intrusion guidance, there is no apparent need for operating an ASD system in the new office and heliport building. We understand that Mercy Flight intends to operate an ASD system at the facility as a conservative good business practice due to the documented presence of chlorinated VOCs in the soil and groundwater in the general vicinity of the Site. However, based on discussions with NYSDOH and NYSDEC, you will not be subject to regulatory compliance for operation and maintenance of the ASD system going forward.

We wish you the best for continued success in your new facility and thank you for the commendable services your organization provides.

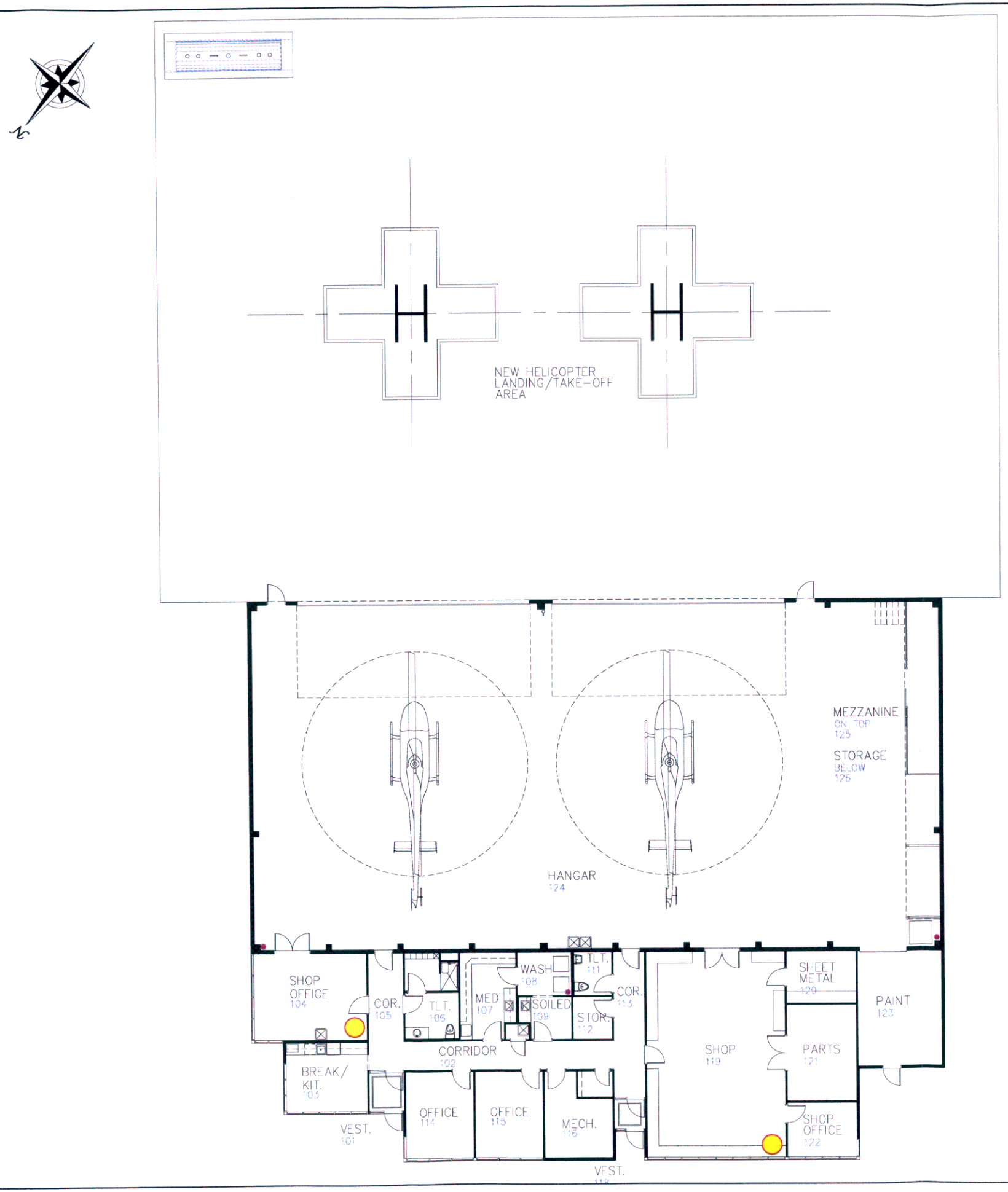
Sincerely,
Benchmark Environmental Engineering & Science, PLLC

Michael Lesakowski
Project Manager

c: Matt Forcucci, NYSDOH
William Murray, NYSDEC
Kimberly Minkel, NFTA

FIGURES

F:\CAD\Benchmark\Mercy Flight\Vapor Sampling\Figure 1; Plan (Mercy Flight).dwg



LEGEND:

SUBSLAB SOIL VAPOR SAMPLE LOCATION

VENT STACK LOCATIONS

BENCHMARK
ENVIRONMENTAL ENGINEERING & SCIENCE, PLLC
726 EXCHANGE STREET
SUITE 624
BUFFALO, NEW YORK 14210
(716) 856-0599

JOB NO.: 0115-001-100

MERCY FLIGHT FACILITY

SUB-SLAB SOIL VAPOR SAMPLING LOCATIONS

100 AMHERST VILLA ROAD
CHEEKTOWAGA, NEW YORK

PREPARED FOR
MERCY FLIGHT, INC.

FIGURE 1

ATTACHMENT 1

Laboratory Analytical Package

ANALYTICAL REPORT

Job#: A08-B403

Project#: NY4A9217
Site Name: Benchmark
Task: Mercy Flight

Mr. Mike Lesakowski
Benchmark Environmental
726 Exchange St., Ste 624
Buffalo, NY 14210

TestAmerica Laboratories Inc.

Brian J. Fischer
Project Manager

10/03/2008

SDG NARRATIVE

Job#: A08-B403

Project#: NY4A9217
Site Name: Benchmark

General Comments

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

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

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

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

Sample Receipt Comments

A08-B403

Sample Cooler(s) were received at the following temperature(s); N/A °C

Volatile Organics were subcontracted to TestAmerica Burlington. The complete subcontract report is included in this report as Appendix A. Comments pertaining to Volatile Organics may be found within the comment summary of the subcontract report.

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The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Appendix A

TestAmerica
South Burlington, VT

Sample Data Summary Package

SDG: A08B403

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

October 1, 2008

TestAmerica Laboratories, Inc.

Mr. Brian Fischer
TestAmerica, Inc.
10 Hazelwood Drive; Suite 106
Amherst, NY 14228

Re: Laboratory Project No. 28012
Case: BENCHMAK; SDG: A08B403

Dear Mr. Fischer:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on September 18th, 2008. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 09/18/08 ETR No: 127694		
768131	SS-1	09/12/08	AIR
768132	SS-2	09/12/08	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The samples were analyzed for volatile organics by method TO-15. The analysis of sample SS-1 was accomplished at a 2-fold dilution to provide for quantification of all compounds from concentrations within calibration range. There were no exceptions to the method quality control criteria during the analyses of these samples.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Kristine A. Dusablon
Project Manager

30 Community Drive • Suite 11 South Burlington, VT 05403 **tel** 802.660.1990 **fax** 802.660.1919 **www.testamericainc.com**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SS-1

Lab Name: TAL Burlington

SDG Number: A08B403

Lab Sample No.: 768131

Dilution Factor: 2.00

Date Analyzed: 09/19/08

Sample Matrix: AIR

Date Received: 09/18/08

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.0	U	1.0	4.9	U	4.9
1,2-Dichlorotetrafluoroethane	76-14-2	0.40	U	0.40	2.8	U	2.8
Vinyl Chloride	75-01-4	0.40	U	0.40	1.0	U	1.0
1,3-Butadiene	106-99-0	1.0	U	1.0	2.2	U	2.2
Bromomethane	74-83-9	0.40	U	0.40	1.6	U	1.6
Chloroethane	75-00-3	1.0	U	1.0	2.6	U	2.6
Bromoethene	593-60-2	0.40	U	0.40	1.7	U	1.7
Trichlorofluoromethane	75-69-4	0.40	U	0.40	2.2	U	2.2
1,1-Dichloroethene	75-35-4	0.40	U	0.40	1.6	U	1.6
3-Chloropropene	107-05-1	1.0	U	1.0	3.1	U	3.1
Methyl tert-Butyl Ether	1634-04-4	1.0	U	1.0	3.6	U	3.6
trans-1,2-Dichloroethene	156-60-5	0.40	U	0.40	1.6	U	1.6
n-Hexane	110-54-3	12		1.0	42		3.5
1,1-Dichloroethane	75-34-3	0.40	U	0.40	1.6	U	1.6
cis-1,2-Dichloroethene	156-59-2	0.40	U	0.40	1.6	U	1.6
Chloroform	67-66-3	0.40	U	0.40	2.0	U	2.0
1,1,1-Trichloroethane	71-55-6	0.40	U	0.40	2.2	U	2.2
Cyclohexane	110-82-7	12		0.40	41		1.4
Carbon Tetrachloride	56-23-5	0.40	U	0.40	2.5	U	2.5
2,2,4-Trimethylpentane	540-84-1	0.40	U	0.40	1.9	U	1.9
Benzene	71-43-2	0.56		0.40	1.8		1.3
1,2-Dichloroethene (total)	540-59-0	0.40	U	0.40	1.6	U	1.6
1,2-Dichloroethane	107-06-2	0.40	U	0.40	1.6	U	1.6
n-Heptane	142-82-5	6.9		0.40	28		1.6
Trichloroethene	79-01-6	0.40	U	0.40	2.1	U	2.1
1,2-Dichloropropane	78-87-5	0.40	U	0.40	1.8	U	1.8
Bromodichloromethane	75-27-4	0.40	U	0.40	2.7	U	2.7
cis-1,3-Dichloropropene	10061-01-5	0.40	U	0.40	1.8	U	1.8
Toluene	108-88-3	53		0.40	200		1.5
trans-1,3-Dichloropropene	10061-02-6	0.40	U	0.40	1.8	U	1.8
1,1,2-Trichloroethane	79-00-5	0.40	U	0.40	2.2	U	2.2
Tetrachloroethene	127-18-4	2.5		0.40	17		2.7
Dibromochloromethane	124-48-1	0.40	U	0.40	3.4	U	3.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SS-1

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 768131

Date Analyzed: 09/19/08

Date Received: 09/18/08

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	0.40	U	0.40	3.1	U	3.1
Ethylbenzene	100-41-4	11		0.40	48		1.7
Xylene (m,p)	1330-20-7	20		1.0	87		4.3
Xylene (o)	95-47-6	5.0		0.40	22		1.7
Bromoform	75-25-2	0.40	U	0.40	4.1	U	4.1
1,1,2,2-Tetrachloroethane	79-34-5	0.40	U	0.40	2.7	U	2.7
Xylene (total)	1330-20-7	26		0.40	110		1.7
4-Ethyltoluene	622-96-8	0.93		0.40	4.6		2.0
1,3,5-Trimethylbenzene	108-67-8	0.40	U	0.40	2.0	U	2.0

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SS-2

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 768132

Date Analyzed: 09/19/08

Date Received: 09/18/08

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20		0.20	1.1		1.1
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	12		0.50	42		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	18		0.20	62		0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.98		0.20	4.6		0.93
Benzene	71-43-2	0.95		0.20	3.0		0.64
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	7.6		0.20	31		0.82
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Toluene	108-88-3	14		0.20	53		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	2.3		0.20	16		1.4
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SS-2

Lab Name: TAL Burlington

SDG Number: A08B403

Lab Sample No.: 768132

Dilution Factor: 1.00

Date Analyzed: 09/19/08

Sample Matrix: AIR

Date Received: 09/18/08

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Ethylbenzene	100-41-4	0.71		0.20	3.1		0.87
Xylene (m,p)	1330-20-7	1.4		0.50	6.1		2.2
Xylene (o)	95-47-6	0.49		0.20	2.1		0.87
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
Xylene (total)	1330-20-7	2.0		0.20	8.7		0.87
4-Ethyltoluene	622-96-8	0.36		0.20	1.8		0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA091908LCS

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA091908

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	9.2		0.50	46		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	8.9		0.20	62		1.4
Vinyl Chloride	75-01-4	8.6		0.20	22		0.51
1,3-Butadiene	106-99-0	9.1		0.50	20		1.1
Bromomethane	74-83-9	8.7		0.20	34		0.78
Chloroethane	75-00-3	8.8		0.50	23		1.3
Bromoethene	593-60-2	9.3		0.20	41		0.87
Trichlorofluoromethane	75-69-4	9.0		0.20	51		1.1
1,1-Dichloroethene	75-35-4	10		0.20	40		0.79
3-Chloropropene	107-05-1	9.3		0.50	29		1.6
Methyl tert-Butyl Ether	1634-04-4	9.8		0.50	35		1.8
trans-1,2-Dichloroethene	156-60-5	9.0		0.20	36		0.79
n-Hexane	110-54-3	9.2		0.50	32		1.8
1,1-Dichloroethane	75-34-3	9.0		0.20	36		0.81
cis-1,2-Dichloroethene	156-59-2	9.6		0.20	38		0.79
Chloroform	67-66-3	9.1		0.20	44		0.98
1,1,1-Trichloroethane	71-55-6	9.3		0.20	51		1.1
Cyclohexane	110-82-7	9.5		0.20	33		0.69
Carbon Tetrachloride	56-23-5	9.2		0.20	58		1.3
2,2,4-Trimethylpentane	540-84-1	9.2		0.20	43		0.93
Benzene	71-43-2	9.2		0.20	29		0.64
1,2-Dichloroethene (total)	540-59-0	19		0.20	75		0.79
1,2-Dichloroethane	107-06-2	9.0		0.20	36		0.81
n-Heptane	142-82-5	9.1		0.20	37		0.82
Trichloroethene	79-01-6	9.2		0.20	49		1.1
1,2-Dichloropropane	78-87-5	8.8		0.20	41		0.92
Bromodichloromethane	75-27-4	9.7		0.20	65		1.3
cis-1,3-Dichloropropene	10061-01-5	9.0		0.20	41		0.91
Toluene	108-88-3	9.1		0.20	34		0.75
trans-1,3-Dichloropropene	10061-02-6	9.0		0.20	41		0.91
1,1,2-Trichloroethane	79-00-5	8.7		0.20	47		1.1
Tetrachloroethene	127-18-4	9.2		0.20	62		1.4
Dibromochloromethane	124-48-1	10		0.20	85		1.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA091908LCS

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA091908

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	9.2		0.20	71		1.5
Ethylbenzene	100-41-4	9.2		0.20	40		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.3		0.20	40		0.87
Bromoform	75-25-2	10		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.1		0.20	62		1.4
Xylene (total)	1330-20-7	29		0.20	130		0.87
4-Ethyltoluene	622-96-8	10		0.20	49		0.98
1,3,5-Trimethylbenzene	108-67-8	9.5		0.20	47		0.98

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA091908LCSD

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA091908

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	8.9		0.50	44		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	8.7		0.20	61		1.4
Vinyl Chloride	75-01-4	8.3		0.20	21		0.51
1,3-Butadiene	106-99-0	8.8		0.50	19		1.1
Bromomethane	74-83-9	8.6		0.20	33		0.78
Chloroethane	75-00-3	8.6		0.50	23		1.3
Bromoethene	593-60-2	9.2		0.20	40		0.87
Trichlorofluoromethane	75-69-4	8.7		0.20	49		1.1
1,1-Dichloroethene	75-35-4	10		0.20	40		0.79
3-Chloropropene	107-05-1	9.0		0.50	28		1.6
Methyl tert-Butyl Ether	1634-04-4	9.6		0.50	35		1.8
trans-1,2-Dichloroethene	156-60-5	8.7		0.20	34		0.79
n-Hexane	110-54-3	9.0		0.50	32		1.8
1,1-Dichloroethane	75-34-3	8.7		0.20	35		0.81
cis-1,2-Dichloroethene	156-59-2	9.3		0.20	37		0.79
Chloroform	67-66-3	8.8		0.20	43		0.98
1,1,1-Trichloroethane	71-55-6	8.7		0.20	47		1.1
Cyclohexane	110-82-7	9.1		0.20	31		0.69
Carbon Tetrachloride	56-23-5	8.6		0.20	54		1.3
2,2,4-Trimethylpentane	540-84-1	8.8		0.20	41		0.93
Benzene	71-43-2	8.8		0.20	28		0.64
1,2-Dichloroethene (total)	540-59-0	18		0.20	71		0.79
1,2-Dichloroethane	107-06-2	8.6		0.20	35		0.81
n-Heptane	142-82-5	8.6		0.20	35		0.82
Trichloroethene	79-01-6	8.8		0.20	47		1.1
1,2-Dichloropropane	78-87-5	8.5		0.20	39		0.92
Bromodichloromethane	75-27-4	9.1		0.20	61		1.3
cis-1,3-Dichloropropene	10061-01-5	8.7		0.20	39		0.91
Toluene	108-88-3	8.8		0.20	33		0.75
trans-1,3-Dichloropropene	10061-02-6	8.7		0.20	39		0.91
1,1,2-Trichloroethane	79-00-5	8.3		0.20	45		1.1
Tetrachloroethene	127-18-4	8.8		0.20	60		1.4
Dibromochloromethane	124-48-1	9.5		0.20	81		1.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA091908LCSD

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA091908

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	8.8		0.20	68		1.5
Ethylbenzene	100-41-4	8.7		0.20	38		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	8.8		0.20	38		0.87
Bromoform	75-25-2	9.8		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	8.5		0.20	58		1.4
Xylene (total)	1330-20-7	27		0.20	120		0.87
4-Ethyltoluene	622-96-8	9.4		0.20	46		0.98
1,3,5-Trimethylbenzene	108-67-8	9.1		0.20	45		0.98

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK091908GA

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0919

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK091908GA

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0919

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
Xylene (total)	1330-20-7	0.20	U	0.20	0.87	U	0.87
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Mike Besakowski	Samples Collected By: BG	1 of 1 COCs
Company: Benchmark	Phone: 716-856-0635		
Address: 726 Exchange St	Email:		
City/State/Zip: Buffalo NY 14210			
Phone: 716-856-0635	Site Contact: Brock Greene		
FAX: 716-856-0583	STL Contact:		
Project Name: Mercy Flight	**Analysis Turnaround Time**		
Site:	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
SS-1	9-12-08	1025	1855	-27.5	-6	2827	2970	X											
SS-2	9-12-08	1020	1910	-27	-17.5	3854	3398	X											

Temperature (Fahrenheit)	Interior	Ambient	
Start			
Stop			

Pressure (inches of Hg)	Interior	Ambient	
Start			
Stop			

Special Instructions/QC Requirements & Comments:

SS-2 controler (3854) is slow

Samples Shipped by:	Date/Time: 9.17.08 1700	Samples Received by:	Recieved by lab: 09.18.08 0930
Samples Relinquished by:	Date/Time: 9-12-08 20:00	Received by: 9/15/08 0900	
Relinquished by:	Date/Time: 9/17/08 0900	Received by: 09-17-08 11:30	

Lab Use Only: Shipper Name: Opened by: Condition:

17/207

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Sample Data Summary – TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

SS-1

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: 768131

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 768131D

Level: (low/med) LOW Date Received: 09/18/08

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.40	U
75-01-4	Vinyl Chloride	0.40	U
106-99-0	1,3-Butadiene	1.0	U
74-83-9	Bromomethane	0.40	U
75-00-3	Chloroethane	1.0	U
593-60-2	Bromoethene	0.40	U
75-69-4	Trichlorofluoromethane	0.40	U
75-35-4	1,1-Dichloroethene	0.40	U
107-05-1	3-Chloropropene	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1.0	U
156-60-5	trans-1,2-Dichloroethene	0.40	U
110-54-3	n-Hexane	12	
75-34-3	1,1-Dichloroethane	0.40	U
156-59-2	cis-1,2-Dichloroethene	0.40	U
67-66-3	Chloroform	0.40	U
71-55-6	1,1,1-Trichloroethane	0.40	U
110-82-7	Cyclohexane	12	
56-23-5	Carbon Tetrachloride	0.40	U
540-84-1	2,2,4-Trimethylpentane	0.40	U
71-43-2	Benzene	0.56	
540-59-0	1,2-Dichloroethene (total)	0.40	U
107-06-2	1,2-Dichloroethane	0.40	U
142-82-5	n-Heptane	6.9	
79-01-6	Trichloroethene	0.40	U
78-87-5	1,2-Dichloropropane	0.40	U
75-27-4	Bromodichloromethane	0.40	U
10061-01-5	cis-1,3-Dichloropropene	0.40	U
108-88-3	Toluene	53	
10061-02-6	trans-1,3-Dichloropropene	0.40	U
79-00-5	1,1,2-Trichloroethane	0.40	U
127-18-4	Tetrachloroethene	2.5	
124-48-1	Dibromochloromethane	0.40	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

SS-1

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: 768131

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 768131D

Level: (low/med) LOW Date Received: 09/18/08

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	0.40	U
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	20	
95-47-6	Xylene (o)	5.0	
75-25-2	Bromoform	0.40	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	U
1330-20-7	Xylene (total)	26	
622-96-8	4-Ethyltoluene	0.93	
108-67-8	1,3,5-Trimethylbenzene	0.40	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

SS-2

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: 768132

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 768132

Level: (low/med) LOW Date Received: 09/18/08

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	
75-35-4	1,1-Dichloroethene	0.20	U
107-05-1	3-Chloropropene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	12	
75-34-3	1,1-Dichloroethane	0.20	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	18	
56-23-5	Carbon Tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.98	
71-43-2	Benzene	0.95	
540-59-0	1,2-Dichloroethene (total)	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	7.6	
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-88-3	Toluene	14	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	2.3	
124-48-1	Dibromochloromethane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

SS-2

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: 768132

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 768132

Level: (low/med) LOW Date Received: 09/18/08

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	0.20	U
100-41-4	Ethylbenzene	0.71	
1330-20-7	Xylene (m,p)	1.4	
95-47-6	Xylene (o)	0.49	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
1330-20-7	Xylene (total)	2.0	
622-96-8	4-Ethyltoluene	0.36	
108-67-8	1,3,5-Trimethylbenzene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MBLK091908GA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: MBLK091908GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCPB01G

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
107-05-1	3-Chloropropene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
540-59-0	1,2-Dichloroethene (total)	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
124-48-1	Dibromochloromethane	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MBLK091908GA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: MBLK091908GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCPB01G

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.50	U
95-47-6	Xylene (o)	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
1330-20-7	Xylene (total)	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA091908LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: GA091908LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCP10GQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	9.2	
76-14-2	1,2-Dichlorotetrafluoroethan	8.9	
75-01-4	Vinyl Chloride	8.6	
106-99-0	1,3-Butadiene	9.1	
74-83-9	Bromomethane	8.7	
75-00-3	Chloroethane	8.8	
593-60-2	Bromoethene	9.3	
75-69-4	Trichlorofluoromethane	9.0	
75-35-4	1,1-Dichloroethene	10	
107-05-1	3-Chloropropene	9.3	
1634-04-4	Methyl tert-Butyl Ether	9.8	
156-60-5	trans-1,2-Dichloroethene	9.0	
110-54-3	n-Hexane	9.2	
75-34-3	1,1-Dichloroethane	9.0	
156-59-2	cis-1,2-Dichloroethene	9.6	
67-66-3	Chloroform	9.1	
71-55-6	1,1,1-Trichloroethane	9.3	
110-82-7	Cyclohexane	9.5	
56-23-5	Carbon Tetrachloride	9.2	
540-84-1	2,2,4-Trimethylpentane	9.2	
71-43-2	Benzene	9.2	
540-59-0	1,2-Dichloroethene (total)	19	
107-06-2	1,2-Dichloroethane	9.0	
142-82-5	n-Heptane	9.1	
79-01-6	Trichloroethene	9.2	
78-87-5	1,2-Dichloropropane	8.8	
75-27-4	Bromodichloromethane	9.7	
10061-01-5	cis-1,3-Dichloropropene	9.0	
108-88-3	Toluene	9.1	
10061-02-6	trans-1,3-Dichloropropene	9.0	
79-00-5	1,1,2-Trichloroethane	8.7	
127-18-4	Tetrachloroethene	9.2	
124-48-1	Dibromochloromethane	10	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA091908LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: GA091908LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCP10GQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	9.2	
100-41-4	Ethylbenzene	9.2	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.3	
75-25-2	Bromoform	10	
79-34-5	1,1,2,2-Tetrachloroethane	9.1	
1330-20-7	Xylene (total)	29	
622-96-8	4-Ethyltoluene	10	
108-67-8	1,3,5-Trimethylbenzene	9.5	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA091908LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: GA091908LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCP10GQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	8.9	
76-14-2	1,2-Dichlorotetrafluoroethan	8.7	
75-01-4	Vinyl Chloride	8.3	
106-99-0	1,3-Butadiene	8.8	
74-83-9	Bromomethane	8.6	
75-00-3	Chloroethane	8.6	
593-60-2	Bromoethene	9.2	
75-69-4	Trichlorofluoromethane	8.7	
75-35-4	1,1-Dichloroethene	10	
107-05-1	3-Chloropropene	9.0	
1634-04-4	Methyl tert-Butyl Ether	9.6	
156-60-5	trans-1,2-Dichloroethene	8.7	
110-54-3	n-Hexane	9.0	
75-34-3	1,1-Dichloroethane	8.7	
156-59-2	cis-1,2-Dichloroethene	9.3	
67-66-3	Chloroform	8.8	
71-55-6	1,1,1-Trichloroethane	8.7	
110-82-7	Cyclohexane	9.1	
56-23-5	Carbon Tetrachloride	8.6	
540-84-1	2,2,4-Trimethylpentane	8.8	
71-43-2	Benzene	8.8	
540-59-0	1,2-Dichloroethene (total)	18	
107-06-2	1,2-Dichloroethane	8.6	
142-82-5	n-Heptane	8.6	
79-01-6	Trichloroethene	8.8	
78-87-5	1,2-Dichloropropane	8.5	
75-27-4	Bromodichloromethane	9.1	
10061-01-5	cis-1,3-Dichloropropene	8.7	
108-88-3	Toluene	8.8	
10061-02-6	trans-1,3-Dichloropropene	8.7	
79-00-5	1,1,2-Trichloroethane	8.3	
127-18-4	Tetrachloroethene	8.8	
124-48-1	Dibromochloromethane	9.5	

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA091908LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: GA091908LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCP10GQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	8.8	
100-41-4	Ethylbenzene	8.7	
1330-20-7	Xylene (m,p)	18	
95-47-6	Xylene (o)	8.8	
75-25-2	Bromoform	9.8	
79-34-5	1,1,2,2-Tetrachloroethane	8.5	
1330-20-7	Xylene (total)	27	
622-96-8	4-Ethyltoluene	9.4	
108-67-8	1,3,5-Trimethylbenzene	9.1	

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix Spike - Sample No.: GA091908LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		9.2	92	70-130
1,2-Dichlorotetrafluoro	10		8.9	89	70-130
Vinyl Chloride	10		8.6	86	70-130
1,3-Butadiene	10		9.1	91	70-130
Bromomethane	10		8.7	87	70-130
Chloroethane	10		8.8	88	70-130
Bromoethene	10		9.3	93	70-130
Trichlorofluoromethane	10		9.0	90	70-130
1,1-Dichloroethene	10		10	100	70-130
3-Chloropropene	10		9.3	93	70-130
Methyl tert-Butyl Ether	10		9.8	98	70-130
trans-1,2-Dichloroethen	10		9.0	90	70-130
n-Hexane	10		9.2	92	70-130
1,1-Dichloroethane	10		9.0	90	70-130
cis-1,2-Dichloroethene	10		9.6	96	70-130
Chloroform	10		9.1	91	70-130
1,1,1-Trichloroethane	10		9.3	93	70-130
Cyclohexane	10		9.5	95	70-130
Carbon Tetrachloride	10		9.2	92	70-130
2,2,4-Trimethylpentane	10		9.2	92	70-130
Benzene	10		9.2	92	70-130
1,2-Dichloroethene (tot	20		19	95	70-130
1,2-Dichloroethane	10		9.0	90	70-130
n-Heptane	10		9.1	91	70-130
Trichloroethene	10		9.2	92	70-130
1,2-Dichloropropane	10		8.8	88	70-130
Bromodichloromethane	10		9.7	97	70-130
cis-1,3-Dichloropropene	10		9.0	90	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix Spike - Sample No.: GA091908LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Toluene	10		9.1	91	70-130
trans-1,3-Dichloroprope	10		9.0	90	70-130
1,1,2-Trichloroethane	10		8.7	87	70-130
Tetrachloroethene	10		9.2	92	70-130
Dibromochloromethane	10		10	100	70-130
1,2-Dibromoethane	10		9.2	92	70-130
Ethylbenzene	10		9.2	92	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.3	93	70-130
Bromoform	10		10	100	70-130
1,1,2,2-Tetrachloroetha	10		9.1	91	70-130
Xylene (total)	30		29	97	70-130
4-Ethyltoluene	10		10	100	70-130
1,3,5-Trimethylbenzene	10		9.5	95	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix Spike - Sample No.: GA091908LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	10	8.9	89	3	25	70-130
1,2-Dichlorotetrafluoro	10	8.7	87	2	25	70-130
Vinyl Chloride	10	8.3	83	4	25	70-130
1,3-Butadiene	10	8.8	88	3	25	70-130
Bromomethane	10	8.6	86	1	25	70-130
Chloroethane	10	8.6	86	2	25	70-130
Bromoethene	10	9.2	92	1	25	70-130
Trichlorofluoromethane	10	8.7	87	3	25	70-130
1,1-Dichloroethene	10	10	100	0	25	70-130
3-Chloropropene	10	9.0	90	3	25	70-130
Methyl tert-Butyl Ether	10	9.6	96	2	25	70-130
trans-1,2-Dichloroethen	10	8.7	87	3	25	70-130
n-Hexane	10	9.0	90	2	25	70-130
1,1-Dichloroethane	10	8.7	87	3	25	70-130
cis-1,2-Dichloroethene	10	9.3	93	3	25	70-130
Chloroform	10	8.8	88	3	25	70-130
1,1,1-Trichloroethane	10	8.7	87	7	25	70-130
Cyclohexane	10	9.1	91	4	25	70-130
Carbon Tetrachloride	10	8.6	86	7	25	70-130
2,2,4-Trimethylpentane	10	8.8	88	4	25	70-130
Benzene	10	8.8	88	4	25	70-130
1,2-Dichloroethene (tot	20	18	90	5	25	70-130
1,2-Dichloroethane	10	8.6	86	4	25	70-130
n-Heptane	10	8.6	86	6	25	70-130
Trichloroethene	10	8.8	88	4	25	70-130
1,2-Dichloropropane	10	8.5	85	3	25	70-130
Bromodichloromethane	10	9.1	91	6	25	70-130
cis-1,3-Dichloropropene	10	8.7	87	3	25	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix Spike - Sample No.: GA091908LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10	8.8	88	3	25	70-130
trans-1,3-Dichloroprope	10	8.7	87	3	25	70-130
1,1,2-Trichloroethane	10	8.3	83	5	25	70-130
Tetrachloroethene	10	8.8	88	4	25	70-130
Dibromochloromethane	10	9.5	95	5	25	70-130
1,2-Dibromoethane	10	8.8	88	4	25	70-130
Ethylbenzene	10	8.7	87	6	25	70-130
Xylene (m,p)	20	18	90	5	25	70-130
Xylene (o)	10	8.8	88	6	25	70-130
Bromoform	10	9.8	98	2	25	70-130
1,1,2,2-Tetrachloroetha	10	8.5	85	7	25	70-130
Xylene (total)	30	27	90	7	25	70-130
4-Ethyltoluene	10	9.4	94	6	25	70-130
1,3,5-Trimethylbenzene	10	9.1	91	4	25	70-130

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

* Values outside of QC limits

RPD: 0 out of 42 outside limits
Spike Recovery: 0 out of 84 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK091908GA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Lab File ID: GCPB01G Lab Sample ID: MBLK091908GA

Date Analyzed: 09/19/08 Time Analyzed: 1338

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: G

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GA091908LCS	GA091908LCS	GCP10GQ	1157
02	GA091908LCSD	GA091908LCSD	GCP10GQD	1247
03	SS-1	768131	768131D	1701
04	SS-2	768132	768132	1751
05				
06				
07				
08				
09				
10				
11				
12				
13				
14				
15				
16				
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26				
27				
28				
29				
30				

COMMENTS:

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Lab File ID: GCP01PV BFB Injection Date: 09/09/08

Instrument ID: G BFB Injection Time: 0621

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.1
75	30.0 - 66.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	97.8
175	4.0 - 9.0% of mass 174	6.9 (7.0)1
176	93.0 - 101.0% of mass 174	94.8 (96.9)1
177	5.0 - 9.0% of mass 176	6.1 (6.4)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0002	ASTD0002	GCP002V	09/09/08	0804
02	ASTD0005	ASTD0005	GCP005V	09/09/08	0855
03	ASTD005	ASTD005	GCP05V	09/09/08	0947
04	ASTD010	ASTD010	GCP10V	09/09/08	1038
05	ASTD015	ASTD015	GCP15V	09/09/08	1128
06	ASTD020	ASTD020	GCP20V	09/09/08	1218
07	ASTD040	ASTD040	GCP40V	09/09/08	1309
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Lab File ID: GCP08PV BFB Injection Date: 09/19/08

Instrument ID: G BFB Injection Time: 1002

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.2
75	30.0 - 66.0% of mass 95	48.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.6 (0.6)1
174	50.0 - 120.0% of mass 95	100.7
175	4.0 - 9.0% of mass 174	7.1 (7.0)1
176	93.0 - 101.0% of mass 174	97.8 (97.2)1
177	5.0 - 9.0% of mass 176	6.6 (6.7)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	GCP10GV	09/19/08	1108
02	GA091908LCS	GA091908LCS	GCP10GQ	09/19/08	1157
03	GA091908LCSD	GA091908LCSD	GCP10GQD	09/19/08	1247
04	MBLK091908GA	MBLK091908GA	GCPB01G	09/19/08	1338
05	SS-1	768131	768131D	09/19/08	1701
06	SS-2	768132	768132	09/19/08	1751
07					
08					
09					
10					
11					
12					
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15					
16					
17					
18					
19					
20					
21					
22					

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Calibration Time(s): 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=GCP002V RRF0.5=GCP005V
RRF2 = RRF5 =GCP05V RRF10 =GCP10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD	
Dichlorodifluoromethane		3.637		3.335	2.936			
1,2-Dichlorotetrafluoroethan	3.469	3.662		3.421	3.192			
Vinyl Chloride	1.356	1.382		1.276	1.259			
1,3-Butadiene		0.997		0.964	0.959			
Bromomethane	1.218	1.256		1.139	1.133			
Chloroethane		0.712		0.653	0.634			
Bromoethene	1.206	1.240		1.160	1.155			
Trichlorofluoromethane	3.590	3.639		3.391	3.201			
1,1-Dichloroethene	1.166	1.168		1.088	1.072			
3-Chloropropene		1.960		1.814	1.792			
Methyl tert-Butyl Ether		3.464		2.570	3.110			
trans-1,2-Dichloroethene	2.039	2.069		1.926	1.859			
n-Hexane		2.228		2.104	2.057			
1,1-Dichloroethane	* 2.548	2.580		2.385	2.275			*
cis-1,2-Dichloroethene	1.319	1.364		1.284	1.277			
Chloroform	2.924	2.987		2.795	2.651			
1,1,1-Trichloroethane	0.625	0.632		0.619	0.571			
Cyclohexane	0.364	0.378		0.369	0.358			
Carbon Tetrachloride	0.653	0.677		0.668	0.619			
2,2,4-Trimethylpentane	1.413	1.442		1.400	1.337			
Benzene	0.850	0.880		0.823	0.796			
1,2-Dichloroethene (total)	1.679	1.717		1.605	1.568			
1,2-Dichloroethane	0.401	0.414		0.388	0.357			
n-Heptane	0.604	0.599		0.575	0.538			
Trichloroethene	0.380	0.380		0.384	0.360			
1,2-Dichloropropane	0.330	0.327		0.290	0.296			
Bromodichloromethane	0.588	0.621		0.624	0.598			
cis-1,3-Dichloropropene	0.480	0.477		0.436	0.458			
Toluene	0.628	0.654		0.588	0.588			
trans-1,3-Dichloropropene	0.472	0.474		0.434	0.461			
1,1,2-Trichloroethane	0.310	0.318		0.287	0.281			
Tetrachloroethene	0.602	0.625		0.624	0.576			
Dibromochloromethane	0.582	0.622		0.668	0.651			
1,2-Dibromoethane	0.531	0.548		0.534	0.537			
Ethylbenzene	1.504	1.447		1.255	1.280			
Xylene (m,p)	0.527	0.537		0.488	0.503			
Xylene (o)	0.520	0.534		0.478	0.489			

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Calibration Time(s): 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=GCP002V RRF0.5=GCP005V
RRF2 = RRF5 =GCP05V RRF10 =GCP10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD
Bromoform	0.559	0.604		0.706	0.710		
1,1,2,2-Tetrachloroethane	0.784	0.795		0.707	0.728		
Xylene (total)	0.520	0.534		0.478	0.489		
4-Ethyltoluene	1.478	1.577		1.443	1.600		
1,3,5-Trimethylbenzene	1.303	1.241		1.056	1.209		

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Calibration Time(s): 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =GCP15V RRF20 =GCP20V
RRF40 =GCP40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.480	2.448			2.967	17.6
1,2-Dichlorotetrafluoroethan		2.702	2.718			3.194	12.6
Vinyl Chloride		1.023	1.044			1.223	12.6
1,3-Butadiene		0.780	0.798			0.900	11.4
Bromomethane		1.035	1.027			1.135	8.2
Chloroethane		0.576	0.578			0.631	9.0
Bromoethene		1.072	1.111			1.157	5.3
Trichlorofluoromethane		2.745	2.812			3.230	11.9
1,1-Dichloroethene		1.003	1.052			1.092	6.0
3-Chloropropene		1.652	1.674			1.778	7.0
Methyl tert-Butyl Ether		2.745	2.936			2.965	11.6
trans-1,2-Dichloroethene		1.638	1.654			1.864	9.9
n-Hexane		1.842	1.862			2.019	8.1
1,1-Dichloroethane *		2.013	2.039			2.307	10.6*
cis-1,2-Dichloroethene		1.178	1.220			1.274	5.2
Chloroform		2.320	2.328			2.668	10.9
1,1,1-Trichloroethane		0.531	0.537			0.586	7.8
Cyclohexane		0.350	0.355			0.362	2.8
Carbon Tetrachloride		0.578	0.586			0.630	6.7
2,2,4-Trimethylpentane		1.260	1.240			1.349	6.2
Benzene		0.768	0.795			0.819	5.0
1,2-Dichloroethene (total)		1.408	1.437			1.569	8.0
1,2-Dichloroethane		0.318	0.314			0.365	11.7
n-Heptane		0.483	0.446			0.541	12.0
Trichloroethene		0.352	0.357			0.369	3.8
1,2-Dichloropropane		0.272	0.278			0.299	8.2
Bromodichloromethane		0.550	0.559			0.590	5.2
cis-1,3-Dichloropropene		0.429	0.442			0.454	4.7
Toluene		0.582	0.602			0.607	4.6
trans-1,3-Dichloropropene		0.435	0.449			0.454	3.9
1,1,2-Trichloroethane		0.277	0.284			0.293	5.8
Tetrachloroethene		0.578	0.582			0.598	3.8
Dibromochloromethane		0.642	0.655			0.637	4.8
1,2-Dibromoethane		0.530	0.548			0.538	1.5
Ethylbenzene		1.263	1.257			1.334	8.3
Xylene (m,p)		0.503	0.496			0.509	3.7
Xylene (o)		0.485	0.482			0.498	4.6

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Calibration Time(s): 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =GCP15V RRF20 =GCP20V
RRF40 =GCP40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Bromoform		0.710	0.702			0.665	10.0
1,1,2,2-Tetrachloroethane		0.708	0.692			0.736	5.9
Xylene (total)		0.485	0.482			0.498	4.6
4-Ethyltoluene		1.486	1.602			1.531	4.6
1,3,5-Trimethylbenzene		1.287	1.267			1.227	7.4

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date: 09/19/08 Time: 1108

Lab File ID: GCP10GV Init. Calib. Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Init. Calib. Times: 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.967	2.782	0.01	6.2	30.0
1,2-Dichlorotetrafluoroethan	3.194	2.751	0.01	13.9	30.0
Vinyl Chloride	1.223	1.017	0.01	16.8	30.0
1,3-Butadiene	0.900	0.774	0.01	14.0	30.0
Bromomethane	1.135	0.970	0.01	14.5	30.0
Chloroethane	0.631	0.544	0.01	13.8	30.0
Bromoethene	1.157	1.005	0.01	13.1	30.0
Trichlorofluoromethane	3.230	2.852	0.01	11.7	30.0
1,1-Dichloroethene	1.092	0.948	0.01	13.2	30.0
3-Chloropropene	1.778	1.492	0.01	16.1	30.0
Methyl tert-Butyl Ether	2.965	2.866	0.01	3.3	30.0
trans-1,2-Dichloroethene	1.864	1.615	0.01	13.4	30.0
n-Hexane	2.019	1.785	0.01	11.6	30.0
1,1-Dichloroethane	2.307	1.996	0.1	13.5	30.0
cis-1,2-Dichloroethene	1.274	1.115	0.01	12.5	30.0
Chloroform	2.668	2.364	0.01	11.4	30.0
1,1,1-Trichloroethane	0.586	0.525	0.01	10.4	30.0
Cyclohexane	0.362	0.318	0.01	12.2	30.0
Carbon Tetrachloride	0.630	0.563	0.01	10.6	30.0
2,2,4-Trimethylpentane	1.349	1.179	0.01	12.6	30.0
Benzene	0.819	0.706	0.01	13.8	30.0
1,2-Dichloroethene (total)	1.569	1.365	0.01	13.0	30.0
1,2-Dichloroethane	0.365	0.330	0.01	9.6	30.0
n-Heptane	0.541	0.479	0.01	11.5	30.0
Trichloroethene	0.369	0.330	0.01	10.6	30.0
1,2-Dichloropropane	0.299	0.261	0.01	12.7	30.0
Bromodichloromethane	0.590	0.546	0.01	7.4	30.0
cis-1,3-Dichloropropene	0.454	0.407	0.01	10.4	30.0
Toluene	0.607	0.529	0.01	12.8	30.0
trans-1,3-Dichloropropene	0.454	0.422	0.01	7.0	30.0
1,1,2-Trichloroethane	0.293	0.257	0.01	12.3	30.0
Tetrachloroethene	0.598	0.525	0.01	12.2	30.0
Dibromochloromethane	0.637	0.592	0.01	7.1	30.0
1,2-Dibromoethane	0.538	0.484	0.01	10.0	30.0
Ethylbenzene	1.334	1.178	0.01	11.7	30.0
Xylene (m,p)	0.509	0.464	0.01	8.8	30.0
Xylene (o)	0.498	0.454	0.01	8.8	30.0

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date: 09/19/08 Time: 1108

Lab File ID: GCP10GV Init. Calib. Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Init. Calib. Times: 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Bromoform	0.665	0.649	0.01	2.4	30.0
1,1,2,2-Tetrachloroethane	0.736	0.673	0.01	8.6	30.0
Xylene (total)	0.498	0.454	0.01	8.8	30.0
4-Ethyltoluene	1.531	1.462	0.01	4.5	30.0
1,3,5-Trimethylbenzene	1.227	1.170	0.01	4.6	30.0

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Lab File ID (Standard): GCP10GV Date Analyzed: 09/19/08

Instrument ID: G Time Analyzed: 1108

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA	#	RT	#	IS2(DFB) AREA	#	RT	#	IS3(CBZ) AREA	#	RT	#
	12 HOUR STD	208742		8.83		1023135		9.57		1005380		11.82	
	UPPER LIMIT	292239		9.16		1432389		9.90		1407532		12.15	
	LOWER LIMIT	125245		8.50		613881		9.24		603228		11.49	
	CLIENT SAMPLE NO.												
01	GA091908LCS	232323		8.83		1117327		9.57		1061547		11.82	
02	GA091908LCSD	246537		8.83		1214167		9.57		1162156		11.82	
03	MBLK091908GA	240390		8.83		1208112		9.57		1136907		11.82	
04	SS-1	245631		8.82		1229517		9.56		1156540		11.82	
05	SS-2	247737		8.83		1238287		9.56		1158542		11.82	
06													
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IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area
AREA LOWER LIMIT = - 40% of internal standard area
RT UPPER LIMIT = + 0.33 minutes of internal standard RT
RT LOWER LIMIT = - 0.33 minutes of internal standard RT

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

TestAmerica
South Burlington, VT

Extended Data Package

SDG: A08B403

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Case Narrative

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

October 1, 2008

TestAmerica Laboratories, Inc.

Mr. Brian Fischer
TestAmerica, Inc.
10 Hazelwood Drive; Suite 106
Amherst, NY 14228

Re: Laboratory Project No. 28012
Case: BENCHMAK; SDG: A08B403

Dear Mr. Fischer:

Enclosed are the analytical results for the samples that were received by TestAmerica Burlington on September 18th, 2008. Laboratory identification numbers were assigned, and designated as follows:

Lab ID	Client Sample ID	Sample Date	Sample Matrix
	Received: 09/18/08 ETR No: 127694		
768131	SS-1	09/12/08	AIR
768132	SS-2	09/12/08	AIR

Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

The samples were analyzed for volatile organics by method TO-15. The analysis of sample SS-1 was accomplished at a 2-fold dilution to provide for quantification of all compounds from concentrations within calibration range. There were no exceptions to the method quality control criteria during the analyses of these samples.

Any reference within this report to Severn Trent Laboratories, Inc. or STL, should be understood to refer to TestAmerica Laboratories, Inc. (formerly known as Severn Trent Laboratories, Inc.) The analytical results associated with the samples presented in this test report were generated under a quality system that adheres to requirements specified in the NELAC standard. Release of the data in this test report and any associated electronic deliverables is authorized by the Laboratory Director's designee as verified by the following signature.

If there are any questions regarding this submittal, please contact me at 802 660-1990.

Sincerely,

Kristine A. Dusablon
Project Manager

30 Community Drive • Suite 11 South Burlington, VT 05403 **tel** 802.660.1990 **fax** 802.660.1919 **www.testamericainc.com**

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SS-1

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 768131

Date Analyzed: 09/19/08

Date Received: 09/18/08

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	1.0	U	1.0	4.9	U	4.9
1,2-Dichlorotetrafluoroethane	76-14-2	0.40	U	0.40	2.8	U	2.8
Vinyl Chloride	75-01-4	0.40	U	0.40	1.0	U	1.0
1,3-Butadiene	106-99-0	1.0	U	1.0	2.2	U	2.2
Bromomethane	74-83-9	0.40	U	0.40	1.6	U	1.6
Chloroethane	75-00-3	1.0	U	1.0	2.6	U	2.6
Bromoethene	593-60-2	0.40	U	0.40	1.7	U	1.7
Trichlorofluoromethane	75-69-4	0.40	U	0.40	2.2	U	2.2
1,1-Dichloroethene	75-35-4	0.40	U	0.40	1.6	U	1.6
3-Chloropropene	107-05-1	1.0	U	1.0	3.1	U	3.1
Methyl tert-Butyl Ether	1634-04-4	1.0	U	1.0	3.6	U	3.6
trans-1,2-Dichloroethene	156-60-5	0.40	U	0.40	1.6	U	1.6
n-Hexane	110-54-3	12		1.0	42		3.5
1,1-Dichloroethane	75-34-3	0.40	U	0.40	1.6	U	1.6
cis-1,2-Dichloroethene	156-59-2	0.40	U	0.40	1.6	U	1.6
Chloroform	67-66-3	0.40	U	0.40	2.0	U	2.0
1,1,1-Trichloroethane	71-55-6	0.40	U	0.40	2.2	U	2.2
Cyclohexane	110-82-7	12		0.40	41		1.4
Carbon Tetrachloride	56-23-5	0.40	U	0.40	2.5	U	2.5
2,2,4-Trimethylpentane	540-84-1	0.40	U	0.40	1.9	U	1.9
Benzene	71-43-2	0.56		0.40	1.8		1.3
1,2-Dichloroethene (total)	540-59-0	0.40	U	0.40	1.6	U	1.6
1,2-Dichloroethane	107-06-2	0.40	U	0.40	1.6	U	1.6
n-Heptane	142-82-5	6.9		0.40	28		1.6
Trichloroethene	79-01-6	0.40	U	0.40	2.1	U	2.1
1,2-Dichloropropane	78-87-5	0.40	U	0.40	1.8	U	1.8
Bromodichloromethane	75-27-4	0.40	U	0.40	2.7	U	2.7
cis-1,3-Dichloropropene	10061-01-5	0.40	U	0.40	1.8	U	1.8
Toluene	108-88-3	53		0.40	200		1.5
trans-1,3-Dichloropropene	10061-02-6	0.40	U	0.40	1.8	U	1.8
1,1,2-Trichloroethane	79-00-5	0.40	U	0.40	2.2	U	2.2
Tetrachloroethene	127-18-4	2.5		0.40	17		2.7
Dibromochloromethane	124-48-1	0.40	U	0.40	3.4	U	3.4

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SS-1

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 2.00

Sample Matrix: AIR

Lab Sample No.: 768131

Date Analyzed: 09/19/08

Date Received: 09/18/08

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	0.40	U	0.40	3.1	U	3.1
Ethylbenzene	100-41-4	11		0.40	48		1.7
Xylene (m,p)	1330-20-7	20		1.0	87		4.3
Xylene (o)	95-47-6	5.0		0.40	22		1.7
Bromoform	75-25-2	0.40	U	0.40	4.1	U	4.1
1,1,2,2-Tetrachloroethane	79-34-5	0.40	U	0.40	2.7	U	2.7
Xylene (total)	1330-20-7	26		0.40	110		1.7
4-Ethyltoluene	622-96-8	0.93		0.40	4.6		2.0
1,3,5-Trimethylbenzene	108-67-8	0.40	U	0.40	2.0	U	2.0

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SS-2

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 768132

Date Analyzed: 09/19/08

Date Received: 09/18/08

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20		0.20	1.1		1.1
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	12		0.50	42		1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	18		0.20	62		0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.98		0.20	4.6		0.93
Benzene	71-43-2	0.95		0.20	3.0		0.64
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	7.6		0.20	31		0.82
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Toluene	108-88-3	14		0.20	53		0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	2.3		0.20	16		1.4
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

SS-2

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: 768132

Date Analyzed: 09/19/08

Date Received: 09/18/08

Target Compound	CAS Number	Results in ppbv	Q	RL In ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Ethylbenzene	100-41-4	0.71		0.20	3.1		0.87
Xylene (m,p)	1330-20-7	1.4		0.50	6.1		2.2
Xylene (o)	95-47-6	0.49		0.20	2.1		0.87
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
Xylene (total)	1330-20-7	2.0		0.20	8.7		0.87
4-Ethyltoluene	622-96-8	0.36		0.20	1.8		0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA091908LCS

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA091908

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	9.2		0.50	45		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	8.9		0.20	62		1.4
Vinyl Chloride	75-01-4	8.6		0.20	22		0.51
1,3-Butadiene	106-99-0	9.1		0.50	20		1.1
Bromomethane	74-83-9	8.7		0.20	34		0.78
Chloroethane	75-00-3	8.8		0.50	23		1.3
Bromoethene	593-60-2	9.3		0.20	41		0.87
Trichlorofluoromethane	75-69-4	9.0		0.20	51		1.1
1,1-Dichloroethene	75-35-4	10		0.20	40		0.79
3-Chloropropene	107-05-1	9.3		0.50	29		1.6
Methyl tert-Butyl Ether	1634-04-4	9.8		0.50	35		1.8
trans-1,2-Dichloroethene	156-60-5	9.0		0.20	36		0.79
n-Hexane	110-54-3	9.2		0.50	32		1.8
1,1-Dichloroethane	75-34-3	9.0		0.20	36		0.81
cis-1,2-Dichloroethene	156-59-2	9.6		0.20	38		0.79
Chloroform	67-66-3	9.1		0.20	44		0.98
1,1,1-Trichloroethane	71-55-6	9.3		0.20	51		1.1
Cyclohexane	110-82-7	9.5		0.20	33		0.69
Carbon Tetrachloride	56-23-5	9.2		0.20	58		1.3
2,2,4-Trimethylpentane	540-84-1	9.2		0.20	43		0.93
Benzene	71-43-2	9.2		0.20	29		0.64
1,2-Dichloroethene (total)	540-59-0	19		0.20	75		0.79
1,2-Dichloroethane	107-06-2	9.0		0.20	36		0.81
n-Heptane	142-82-5	9.1		0.20	37		0.82
Trichloroethene	79-01-6	9.2		0.20	49		1.1
1,2-Dichloropropane	78-87-5	8.8		0.20	41		0.92
Bromodichloromethane	75-27-4	9.7		0.20	65		1.3
cis-1,3-Dichloropropene	10061-01-5	9.0		0.20	41		0.91
Toluene	108-88-3	9.1		0.20	34		0.75
trans-1,3-Dichloropropene	10061-02-6	9.0		0.20	41		0.91
1,1,2-Trichloroethane	79-00-5	8.7		0.20	47		1.1
Tetrachloroethene	127-18-4	9.2		0.20	62		1.4
Dibromochloromethane	124-48-1	10		0.20	85		1.7

TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA091908LCS

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA091908

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	9.2		0.20	71		1.5
Ethylbenzene	100-41-4	9.2		0.20	40		0.87
Xylene (m,p)	1330-20-7	19		0.50	83		2.2
Xylene (o)	95-47-6	9.3		0.20	40		0.87
Bromoform	75-25-2	10		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	9.1		0.20	62		1.4
Xylene (total)	1330-20-7	29		0.20	130		0.87
4-Ethyltoluene	622-96-8	10		0.20	49		0.98
1,3,5-Trimethylbenzene	108-67-8	9.5		0.20	47		0.98

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA091908LCSD

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA091908

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	8.9		0.50	44		2.5
1,2-Dichlorotetrafluoroethane	76-14-2	8.7		0.20	61		1.4
Vinyl Chloride	75-01-4	8.3		0.20	21		0.51
1,3-Butadiene	106-99-0	8.8		0.50	19		1.1
Bromomethane	74-83-9	8.6		0.20	33		0.78
Chloroethane	75-00-3	8.6		0.50	23		1.3
Bromoethene	593-60-2	9.2		0.20	40		0.87
Trichlorofluoromethane	75-69-4	8.7		0.20	49		1.1
1,1-Dichloroethene	75-35-4	10		0.20	40		0.79
3-Chloropropene	107-05-1	9.0		0.50	28		1.6
Methyl tert-Butyl Ether	1634-04-4	9.6		0.50	35		1.8
trans-1,2-Dichloroethene	156-60-5	8.7		0.20	34		0.79
n-Hexane	110-54-3	9.0		0.50	32		1.8
1,1-Dichloroethane	75-34-3	8.7		0.20	35		0.81
cis-1,2-Dichloroethene	156-59-2	9.3		0.20	37		0.79
Chloroform	67-66-3	8.8		0.20	43		0.98
1,1,1-Trichloroethane	71-55-6	8.7		0.20	47		1.1
Cyclohexane	110-82-7	9.1		0.20	31		0.69
Carbon Tetrachloride	56-23-5	8.6		0.20	54		1.3
2,2,4-Trimethylpentane	540-84-1	8.8		0.20	41		0.93
Benzene	71-43-2	8.8		0.20	28		0.64
1,2-Dichloroethene (total)	540-59-0	18		0.20	71		0.79
1,2-Dichloroethane	107-06-2	8.6		0.20	35		0.81
n-Heptane	142-82-5	8.6		0.20	35		0.82
Trichloroethene	79-01-6	8.8		0.20	47		1.1
1,2-Dichloropropane	78-87-5	8.5		0.20	39		0.92
Bromodichloromethane	75-27-4	9.1		0.20	61		1.3
cis-1,3-Dichloropropene	10061-01-5	8.7		0.20	39		0.91
Toluene	108-88-3	8.8		0.20	33		0.75
trans-1,3-Dichloropropene	10061-02-6	8.7		0.20	39		0.91
1,1,2-Trichloroethane	79-00-5	8.3		0.20	45		1.1
Tetrachloroethene	127-18-4	8.8		0.20	60		1.4
Dibromochloromethane	124-48-1	9.5		0.20	81		1.7

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

GA091908LCSD

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: GA091908

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	8.8		0.20	68		1.5
Ethylbenzene	100-41-4	8.7		0.20	38		0.87
Xylene (m,p)	1330-20-7	18		0.50	78		2.2
Xylene (o)	95-47-6	8.8		0.20	38		0.87
Bromoform	75-25-2	9.8		0.20	100		2.1
1,1,2,2-Tetrachloroethane	79-34-5	8.5		0.20	58		1.4
Xylene (total)	1330-20-7	27		0.20	120		0.87
4-Ethyltoluene	622-96-8	9.4		0.20	46		0.98
1,3,5-Trimethylbenzene	108-67-8	9.1		0.20	45		0.98

TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK091908GA

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0919

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
Dichlorodifluoromethane	75-71-8	0.50	U	0.50	2.5	U	2.5
1,2-Dichlorotetrafluoroethane	76-14-2	0.20	U	0.20	1.4	U	1.4
Vinyl Chloride	75-01-4	0.20	U	0.20	0.51	U	0.51
1,3-Butadiene	106-99-0	0.50	U	0.50	1.1	U	1.1
Bromomethane	74-83-9	0.20	U	0.20	0.78	U	0.78
Chloroethane	75-00-3	0.50	U	0.50	1.3	U	1.3
Bromoethene	593-60-2	0.20	U	0.20	0.87	U	0.87
Trichlorofluoromethane	75-69-4	0.20	U	0.20	1.1	U	1.1
1,1-Dichloroethene	75-35-4	0.20	U	0.20	0.79	U	0.79
3-Chloropropene	107-05-1	0.50	U	0.50	1.6	U	1.6
Methyl tert-Butyl Ether	1634-04-4	0.50	U	0.50	1.8	U	1.8
trans-1,2-Dichloroethene	156-60-5	0.20	U	0.20	0.79	U	0.79
n-Hexane	110-54-3	0.50	U	0.50	1.8	U	1.8
1,1-Dichloroethane	75-34-3	0.20	U	0.20	0.81	U	0.81
cis-1,2-Dichloroethene	156-59-2	0.20	U	0.20	0.79	U	0.79
Chloroform	67-66-3	0.20	U	0.20	0.98	U	0.98
1,1,1-Trichloroethane	71-55-6	0.20	U	0.20	1.1	U	1.1
Cyclohexane	110-82-7	0.20	U	0.20	0.69	U	0.69
Carbon Tetrachloride	56-23-5	0.20	U	0.20	1.3	U	1.3
2,2,4-Trimethylpentane	540-84-1	0.20	U	0.20	0.93	U	0.93
Benzene	71-43-2	0.20	U	0.20	0.64	U	0.64
1,2-Dichloroethene (total)	540-59-0	0.20	U	0.20	0.79	U	0.79
1,2-Dichloroethane	107-06-2	0.20	U	0.20	0.81	U	0.81
n-Heptane	142-82-5	0.20	U	0.20	0.82	U	0.82
Trichloroethene	79-01-6	0.20	U	0.20	1.1	U	1.1
1,2-Dichloropropane	78-87-5	0.20	U	0.20	0.92	U	0.92
Bromodichloromethane	75-27-4	0.20	U	0.20	1.3	U	1.3
cis-1,3-Dichloropropene	10061-01-5	0.20	U	0.20	0.91	U	0.91
Toluene	108-88-3	0.20	U	0.20	0.75	U	0.75
trans-1,3-Dichloropropene	10061-02-6	0.20	U	0.20	0.91	U	0.91
1,1,2-Trichloroethane	79-00-5	0.20	U	0.20	1.1	U	1.1
Tetrachloroethene	127-18-4	0.20	U	0.20	1.4	U	1.4
Dibromochloromethane	124-48-1	0.20	U	0.20	1.7	U	1.7

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TO-14/15
Result Summary

CLIENT SAMPLE NO.

MBLK091908GA

Lab Name: TAL Burlington

SDG Number: A08B403

Dilution Factor: 1.00

Sample Matrix: AIR

Lab Sample No.: MBLK0919

Date Analyzed: 09/19/08

Date Received: / /

Target Compound	CAS Number	Results in ppbv	Q	RL in ppbv	Results in ug/m3	Q	RL in ug/m3
1,2-Dibromoethane	106-93-4	0.20	U	0.20	1.5	U	1.5
Ethylbenzene	100-41-4	0.20	U	0.20	0.87	U	0.87
Xylene (m,p)	1330-20-7	0.50	U	0.50	2.2	U	2.2
Xylene (o)	95-47-6	0.20	U	0.20	0.87	U	0.87
Bromoform	75-25-2	0.20	U	0.20	2.1	U	2.1
1,1,2,2-Tetrachloroethane	79-34-5	0.20	U	0.20	1.4	U	1.4
Xylene (total)	1330-20-7	0.20	U	0.20	0.87	U	0.87
4-Ethyltoluene	622-96-8	0.20	U	0.20	0.98	U	0.98
1,3,5-Trimethylbenzene	108-67-8	0.20	U	0.20	0.98	U	0.98

TestAmerica Burlington Data Qualifier Definitions

Organic

U: Compound analyzed but not detected at a concentration above the reporting limit.

J: Estimated value.

N: Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds (TICs) where the identification of a compound is based on a mass spectral library search.

P: SW-846: The relative percent difference for detected concentrations between two GC columns is greater than 40%. Unless otherwise specified the higher of the two values is reported on the Form I.

CLP SOW: Greater than 25% difference for detected concentrations between two GC columns. Unless otherwise specified the lower of the two values is reported on the Form I.

C: Pesticide result whose identification has been confirmed by GC/MS.

B: Analyte is found in the sample and the associated method blank. The flag is used for tentatively identified compounds as well as positively identified compounds.

E: Compounds whose concentrations exceed the upper limit of the calibration range of the instrument for that specific analysis.

D: Concentrations identified from analysis of the sample at a secondary dilution.

A: Tentatively identified compound is a suspected aldol condensation product.

X,Y,Z: Laboratory defined flags that may be used alone or combined, as needed. If used, the description of the flag is defined in the project narrative.

Inorganic/Metals

E: Reported value is estimated due to the presence of interference.

N: Matrix spike sample recovery is not within control limits.

* Duplicate sample analysis is not within control limits.

B: The result reported is less than the reporting limit but greater than the instrument detection limit.

U: Analyte was analyzed for but not detected above the reporting limit.

Method Codes:

P ICP-AES
MS ICP-MS
CV Cold Vapor AA
AS Semi-Automated Spectrophotometric

FQA009:02.18.08:4
TestAmerica Burlington

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Chain of Custody

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Mike Sesakowski	Samples Collected By: BG	1 of 1 COCs
Company: Benchmark	Phone: 716-856-0635		
Address: 726 Exchange St	Email:		
City/State/Zip: Buffalo, NY 14210			
Phone: 716-856-0635	Site Contact: Brock Greene		
FAX: 716-856-0583	STL Contact:		
Project Name: Mercy Flight	**Analysis Turnaround Time**		
Site:	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	TO-14A	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
SS-1	9-12-08	1025	1855	-27.5	-6	2827	2970	X											
SS-2	9-12-08	1020	1910	-27	-17.5	3854	3398	X											

Temperature (Fahrenheit)		
	Interior	Ambient
Start		
Stop		

Pressure (Inches of Hg)		
	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:

SS-2 controler (3854) is slow

Samples Shipped by:	Date/Time: 9.17.08 1700	Samples Received by:	Recieved by lab: 09.18.08 0930
Samples Relinquished by:	Date/Time: 9-12-08 20:00	Received by: 9/15/08 0900	
Relinquished by:	Date/Time: 9/17/08 0900	Received by: 09-17-08 11:30	

Lab Use Only: Shipper Name: Opened by: Condition:

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

QC Summary – TO-15 Volatile

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix Spike - Sample No.: GA091908LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Dichlorodifluoromethane	10		9.2	92	70-130
1,2-Dichlorotetrafluoro	10		8.9	89	70-130
Vinyl Chloride	10		8.6	86	70-130
1,3-Butadiene	10		9.1	91	70-130
Bromomethane	10		8.7	87	70-130
Chloroethane	10		8.8	88	70-130
Bromoethene	10		9.3	93	70-130
Trichlorofluoromethane	10		9.0	90	70-130
1,1-Dichloroethene	10		10	100	70-130
3-Chloropropene	10		9.3	93	70-130
Methyl tert-Butyl Ether	10		9.8	98	70-130
trans-1,2-Dichloroethen	10		9.0	90	70-130
n-Hexane	10		9.2	92	70-130
1,1-Dichloroethane	10		9.0	90	70-130
cis-1,2-Dichloroethene	10		9.6	96	70-130
Chloroform	10		9.1	91	70-130
1,1,1-Trichloroethane	10		9.3	93	70-130
Cyclohexane	10		9.5	95	70-130
Carbon Tetrachloride	10		9.2	92	70-130
2,2,4-Trimethylpentane	10		9.2	92	70-130
Benzene	10		9.2	92	70-130
1,2-Dichloroethene (tot	20		19	95	70-130
1,2-Dichloroethane	10		9.0	90	70-130
n-Heptane	10		9.1	91	70-130
Trichloroethene	10		9.2	92	70-130
1,2-Dichloropropane	10		8.8	88	70-130
Bromodichloromethane	10		9.7	97	70-130
cis-1,3-Dichloropropene	10		9.0	90	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix Spike - Sample No.: GA091908LCS

COMPOUND	SPIKE ADDED (ppbv)	SAMPLE CONCENTRATION (ug/L)	LCS CONCENTRATION (ppbv)	LCS % REC #	QC. LIMITS REC.
Toluene	10		9.1	91	70-130
trans-1,3-Dichloroprope	10		9.0	90	70-130
1,1,2-Trichloroethane	10		8.7	87	70-130
Tetrachloroethene	10		9.2	92	70-130
Dibromochloromethane	10		10	100	70-130
1,2-Dibromoethane	10		9.2	92	70-130
Ethylbenzene	10		9.2	92	70-130
Xylene (m,p)	20		19	95	70-130
Xylene (o)	10		9.3	93	70-130
Bromoform	10		10	100	70-130
1,1,2,2-Tetrachloroetha	10		9.1	91	70-130
Xylene (total)	30		29	97	70-130
4-Ethyltoluene	10		10	100	70-130
1,3,5-Trimethylbenzene	10		9.5	95	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix Spike - Sample No.: GA091908LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Dichlorodifluoromethane	10	8.9	89	3	25	70-130
1,2-Dichlorotetrafluoro	10	8.7	87	2	25	70-130
Vinyl Chloride	10	8.3	83	4	25	70-130
1,3-Butadiene	10	8.8	88	3	25	70-130
Bromomethane	10	8.6	86	1	25	70-130
Chloroethane	10	8.6	86	2	25	70-130
Bromoethene	10	9.2	92	1	25	70-130
Trichlorofluoromethane	10	8.7	87	3	25	70-130
1,1-Dichloroethene	10	10	100	0	25	70-130
3-Chloropropene	10	9.0	90	3	25	70-130
Methyl tert-Butyl Ether	10	9.6	96	2	25	70-130
trans-1,2-Dichloroethen	10	8.7	87	3	25	70-130
n-Hexane	10	9.0	90	2	25	70-130
1,1-Dichloroethane	10	8.7	87	3	25	70-130
cis-1,2-Dichloroethene	10	9.3	93	3	25	70-130
Chloroform	10	8.8	88	3	25	70-130
1,1,1-Trichloroethane	10	8.7	87	7	25	70-130
Cyclohexane	10	9.1	91	4	25	70-130
Carbon Tetrachloride	10	8.6	86	7	25	70-130
2,2,4-Trimethylpentane	10	8.8	88	4	25	70-130
Benzene	10	8.8	88	4	25	70-130
1,2-Dichloroethene (tot	20	18	90	5	25	70-130
1,2-Dichloroethane	10	8.6	86	4	25	70-130
n-Heptane	10	8.6	86	6	25	70-130
Trichloroethene	10	8.8	88	4	25	70-130
1,2-Dichloropropane	10	8.5	85	3	25	70-130
Bromodichloromethane	10	9.1	91	6	25	70-130
cis-1,3-Dichloropropene	10	8.7	87	3	25	70-130

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

* Values outside of QC limits

COMMENTS: _____

FORM 3
AIR VOLATILE LAB CONTROL SAMPLE

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix Spike - Sample No.: GA091908LCS

COMPOUND	SPIKE ADDED (ppbv)	LCSD CONCENTRATION (ppbv)	LCSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	10	8.8	88	3	25	70-130
trans-1,3-Dichloroprope	10	8.7	87	3	25	70-130
1,1,2-Trichloroethane	10	8.3	83	5	25	70-130
Tetrachloroethene	10	8.8	88	4	25	70-130
Dibromochloromethane	10	9.5	95	5	25	70-130
1,2-Dibromoethane	10	8.8	88	4	25	70-130
Ethylbenzene	10	8.7	87	6	25	70-130
Xylene (m,p)	20	18	90	5	25	70-130
Xylene (o)	10	8.8	88	6	25	70-130
Bromoform	10	9.8	98	2	25	70-130
1,1,2,2-Tetrachloroetha	10	8.5	85	7	25	70-130
Xylene (total)	30	27	90	7	25	70-130
4-Ethyltoluene	10	9.4	94	6	25	70-130
1,3,5-Trimethylbenzene	10	9.1	91	4	25	70-130

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

* Values outside of QC limits

RPD: 0 out of 42 outside limits
Spike Recovery: 0 out of 84 outside limits

COMMENTS: _____

FORM 4
VOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MBLK091908GA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Lab File ID: GCPB01G Lab Sample ID: MBLK091908GA

Date Analyzed: 09/19/08 Time Analyzed: 1338

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

Instrument ID: G

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

	SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	GA091908LCS	GA091908LCS	GCP10GQ	1157
02	GA091908LCSD	GA091908LCSD	GCP10GQD	1247
03	SS-1	768131	768131D	1701
04	SS-2	768132	768132	1751
05				
06				
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COMMENTS:

page 1 of 1

FORM IV VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Lab File ID: GCP01PV BFB Injection Date: 09/09/08

Instrument ID: G BFB Injection Time: 0621

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.1
75	30.0 - 66.0% of mass 95	47.7
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	7.0
173	Less than 2.0% of mass 174	0.5 (0.5)1
174	50.0 - 120.0% of mass 95	97.8
175	4.0 - 9.0% of mass 174	6.9 (7.0)1
176	93.0 - 101.0% of mass 174	94.8 (96.9)1
177	5.0 - 9.0% of mass 176	6.1 (6.4)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD0002	ASTD0002	GCP002V	09/09/08	0804
02	ASTD0005	ASTD0005	GCP005V	09/09/08	0855
03	ASTD005	ASTD005	GCP05V	09/09/08	0947
04	ASTD010	ASTD010	GCP10V	09/09/08	1038
05	ASTD015	ASTD015	GCP15V	09/09/08	1128
06	ASTD020	ASTD020	GCP20V	09/09/08	1218
07	ASTD040	ASTD040	GCP40V	09/09/08	1309
08					
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page 1 of 1

FORM V VOA

FORM 5
VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Lab File ID: GCP08PV BFB Injection Date: 09/19/08

Instrument ID: G BFB Injection Time: 1002

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	18.2
75	30.0 - 66.0% of mass 95	48.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.6 (0.6)1
174	50.0 - 120.0% of mass 95	100.7
175	4.0 - 9.0% of mass 174	7.1 (7.0)1
176	93.0 - 101.0% of mass 174	97.8 (97.2)1
177	5.0 - 9.0% of mass 176	6.6 (6.7)2

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

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

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	ASTD010	ASTD010	GCP10GV	09/19/08	1108
02	GA091908LCS	GA091908LCS	GCP10GQ	09/19/08	1157
03	GA091908LCSD	GA091908LCSD	GCP10GQD	09/19/08	1247
04	MBLK091908GA	MBLK091908GA	GCPB01G	09/19/08	1338
05	SS-1	768131	768131D	09/19/08	1701
06	SS-2	768132	768132	09/19/08	1751
07					
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page 1 of 1

FORM V VOA

FORM 8
VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Lab File ID (Standard): GCP10GV Date Analyzed: 09/19/08

Instrument ID: G Time Analyzed: 1108

GC Column: RTX-624 ID: 0.32 (mm) Heated Purge: (Y/N) N

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	208742	8.83	1023135	9.57	1005380	11.82
	UPPER LIMIT	292239	9.16	1432389	9.90	1407532	12.15
	LOWER LIMIT	125245	8.50	613881	9.24	603228	11.49
	CLIENT SAMPLE NO.						
01	GA091908LCS	232323	8.83	1117327	9.57	1061547	11.82
02	GA091908LCSD	246537	8.83	1214167	9.57	1162156	11.82
03	MBLK091908GA	240390	8.83	1208112	9.57	1136907	11.82
04	SS-1	245631	8.82	1229517	9.56	1156540	11.82
05	SS-2	247737	8.83	1238287	9.56	1158542	11.82
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22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = + 40% of internal standard area
AREA LOWER LIMIT = - 40% of internal standard area
RT UPPER LIMIT = + 0.33 minutes of internal standard RT
RT LOWER LIMIT = - 0.33 minutes of internal standard RT

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

page 1 of 1

FORM VIII VOA

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Supriv Dometation- TO-15 Volatile

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

SS-1

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: 768131

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 768131D

Level: (low/med) LOW Date Received: 09/18/08

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	1.0	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.40	U
75-01-4	Vinyl Chloride	0.40	U
106-99-0	1,3-Butadiene	1.0	U
74-83-9	Bromomethane	0.40	U
75-00-3	Chloroethane	1.0	U
593-60-2	Bromoethene	0.40	U
75-69-4	Trichlorofluoromethane	0.40	U
75-35-4	1,1-Dichloroethene	0.40	U
107-05-1	3-Chloropropene	1.0	U
1634-04-4	Methyl tert-Butyl Ether	1.0	U
156-60-5	trans-1,2-Dichloroethene	0.40	U
110-54-3	n-Hexane	12	
75-34-3	1,1-Dichloroethane	0.40	U
156-59-2	cis-1,2-Dichloroethene	0.40	U
67-66-3	Chloroform	0.40	U
71-55-6	1,1,1-Trichloroethane	0.40	U
110-82-7	Cyclohexane	12	
56-23-5	Carbon Tetrachloride	0.40	U
540-84-1	2,2,4-Trimethylpentane	0.40	U
71-43-2	Benzene	0.56	
540-59-0	1,2-Dichloroethene (total)	0.40	U
107-06-2	1,2-Dichloroethane	0.40	U
142-82-5	n-Heptane	6.9	
79-01-6	Trichloroethene	0.40	U
78-87-5	1,2-Dichloropropane	0.40	U
75-27-4	Bromodichloromethane	0.40	U
10061-01-5	cis-1,3-Dichloropropene	0.40	U
108-88-3	Toluene	53	
10061-02-6	trans-1,3-Dichloropropene	0.40	U
79-00-5	1,1,2-Trichloroethane	0.40	U
127-18-4	Tetrachloroethene	2.5	
124-48-1	Dibromochloromethane	0.40	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

SS-1

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: 768131

Sample wt/vol: 100.0 (g/mL) ML Lab File ID: 768131D

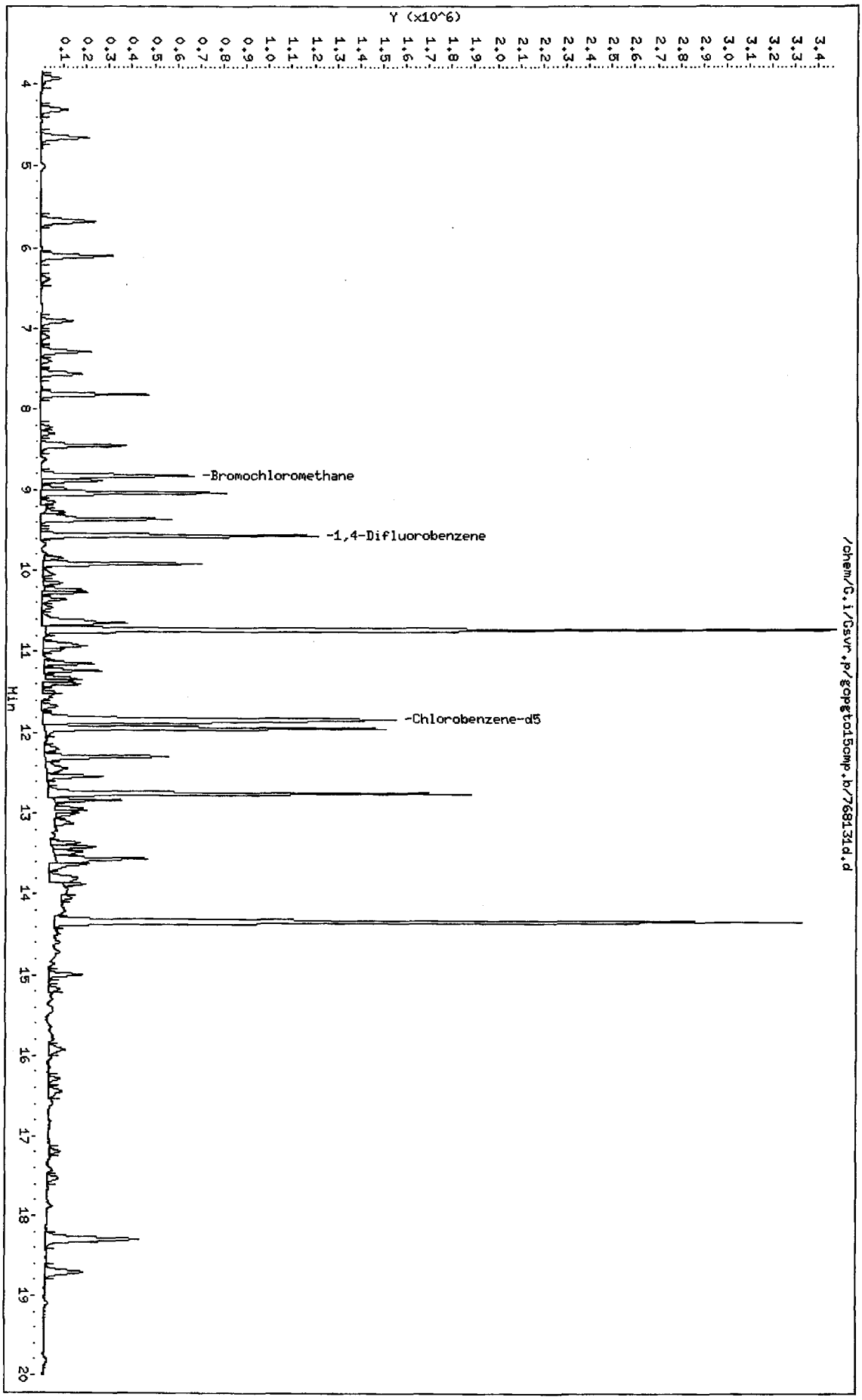
Level: (low/med) LOW Date Received: 09/18/08

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 2.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	0.40	U
100-41-4	Ethylbenzene	11	
1330-20-7	Xylene (m,p)	20	
95-47-6	Xylene (o)	5.0	
75-25-2	Bromoform	0.40	U
79-34-5	1,1,2,2-Tetrachloroethane	0.40	U
1330-20-7	Xylene (total)	26	
622-96-8	4-Ethyltoluene	0.93	
108-67-8	1,3,5-Trimethylbenzene	0.40	U


Data File: /chem/G.i/Gsvr.p/gcpgtol5cmp.b/768131d.d
Date : 19-SEP-2008 17:01
Client ID: SS-1
Sample Info: SS-1 :(109/12/08 @1855(AIR)
Purge Volume: 100.0
Column phase: RTX-624
Instrument: G.i
Operator: wrd
Column diameter: 0.32
Page 3
Y (x10^6)
-Bromochloromethane
-1,4-Difluorobenzene
-Chlorobenzene-d5
/chem/G.i/Gsvr.p/gcpgtol5cmp.b/768131d.d
Min

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d Page 1
Report Date: 30-Sep-2008 13:37

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d
Lab Smp Id: 768131 Client Smp ID: SS-1
Inj Date : 19-SEP-2008 17:01
Operator : wrd Inst ID: G.i
Smp Info : SS-1 :[ ]09/12/08 @1855(AIR)
Misc Info : 768131;091908GA;2;100
Comment :
Method : /chem/G.i/Gsvr.p/gcpgto15cmp.b/sto15.m
Meth Date : 30-Sep-2008 13:36 cmp Quant Type: ISTD
Cal Date : 09-SEP-2008 13:09 Cal File: gcp40v.d
Als bottle: 8
Dil Factor: 2.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	2.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	100.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
3	1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
6	Vinyl Chloride	62	Compound Not Detected.					
7	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Bromoethene	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
18	1,1-Dichloroethene	96	Compound Not Detected.					
22	3-Chloropropene	41	Compound Not Detected.					
26	Methyl tert-Butyl Ether	73	Compound Not Detected.					
27	trans-1,2-Dichloroethene	61	Compound Not Detected.					
28	n-Hexane	57	7.822	7.822	(0.887)	287891	5.80587	12
29	1,1-Dichloroethane	63	Compound Not Detected.					
M 40	1,2-Dichloroethene (total)	61	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d Page 2
Report Date: 30-Sep-2008 13:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)	
	31 cis-1,2-Dichloroethene	96	Compound Not Detected.						
*	32 Bromochloromethane	128	8.823	8.828	(1.000)	245631	10.0000		(Q)
	34 Chloroform	83	Compound Not Detected.						
	35 1,1,1-Trichloroethane	97	Compound Not Detected.						
	36 Cyclohexane	84	9.037	9.037	(0.945)	272759	6.12429	12	(Q)
	37 Carbon Tetrachloride	117	Compound Not Detected.						
	38 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	39 Benzene	78	9.315	9.315	(0.974)	28430	0.28239	0.56	
	41 1,2-Dichloroethane	62	Compound Not Detected.						
	42 n-Heptane	43	9.363	9.363	(0.979)	230328	3.46301	6.9	
*	43 1,4-Difluorobenzene	114	9.561	9.566	(1.000)	1229517	10.0000		
	45 Trichloroethene	95	Compound Not Detected.						
	47 1,2-Dichloropropane	63	Compound Not Detected.						
	50 Bromodichloromethane	83	Compound Not Detected.						
	51 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	54 Toluene	92	10.727	10.733	(0.907)	1853919	26.4157	53	
	55 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	56 1,1,2-Trichloroethane	83	Compound Not Detected.						
	57 Tetrachloroethene	166	11.144	11.145	(0.943)	87553	1.26660	2.5	
	59 Dibromochloromethane	129	Compound Not Detected.						
	60 1,2-Dibromoethane	107	Compound Not Detected.						
*	61 Chlorobenzene-d5	117	11.824	11.819	(1.000)	1156540	10.0000		
	63 Ethylbenzene	91	11.856	11.851	(1.003)	832510	5.39398	11	
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	592636	10.0640	20	
	65 Xylene (o)	106	12.289	12.284	(1.039)	143224	2.48719	5.0	
M	70 Xylene (total)	106				735860	12.7788	26	
	67 Bromoform	173	Compound Not Detected.						
	69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	74 4-Ethyltoluene	105	12.937	12.958	(1.094)	82346	0.46500	0.93	
	75 1,3,5-Trimethylbenzene	105	Compound Not Detected.						

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d

Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[ ]09/12/08 @1855(AIR)

Purge Volume: 100.0

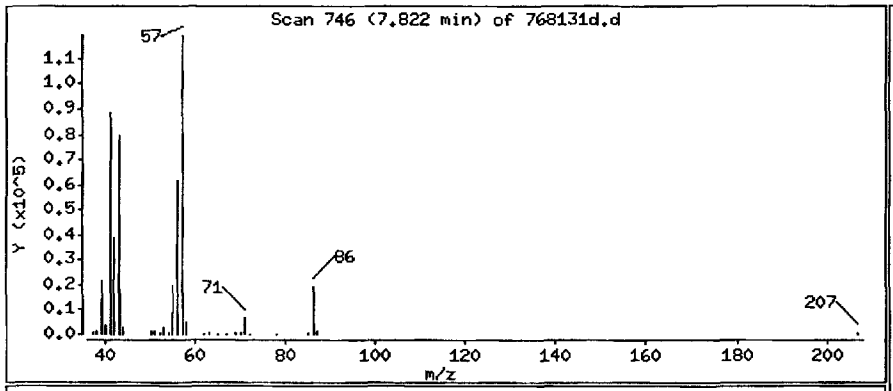
Operator: wrd

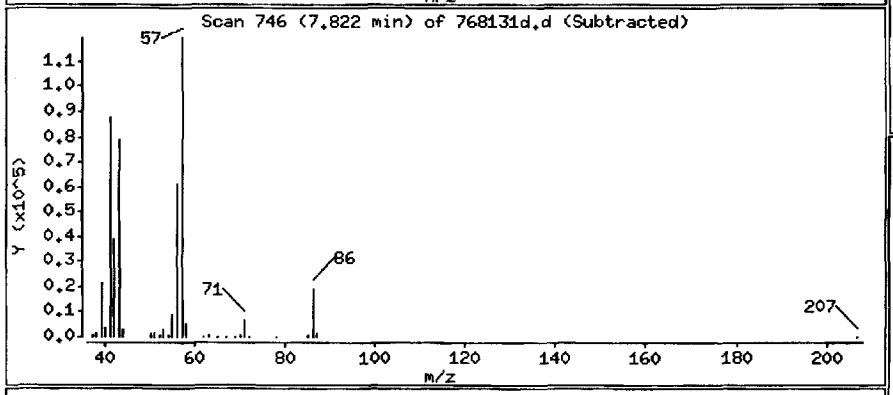
Column phase: RTX-624

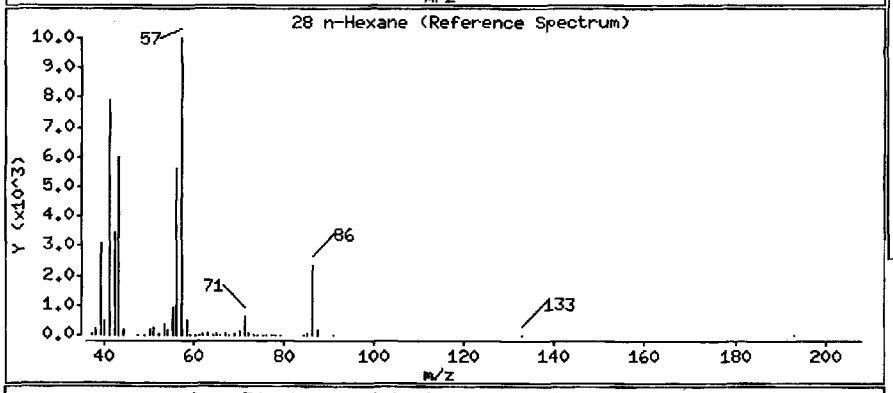
Column diameter: 0.32

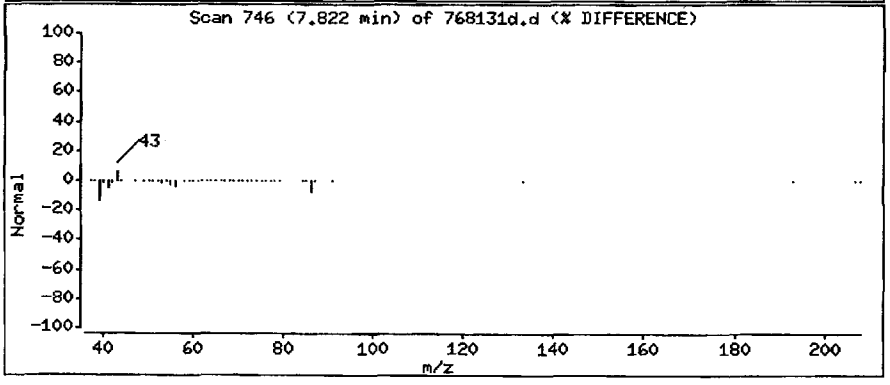
28 n-Hexane

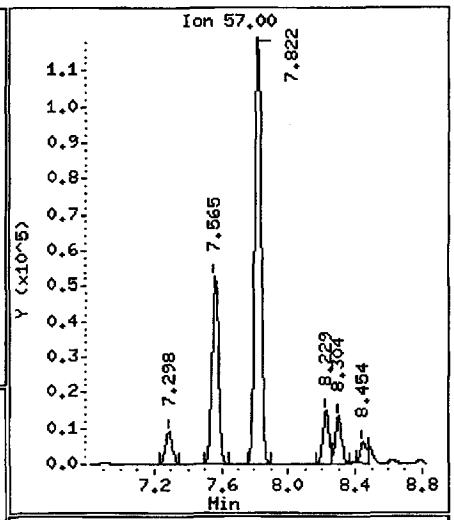
Concentration: 12 ppbv

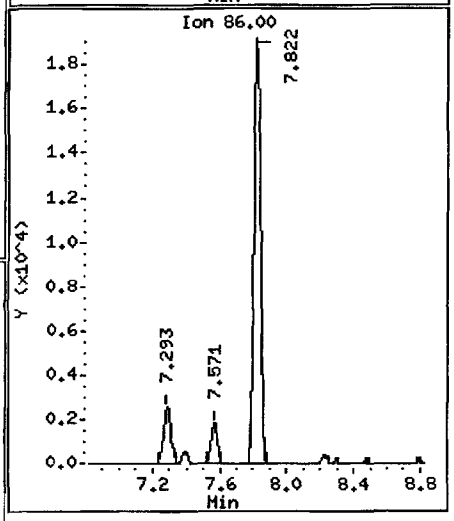












Data File: /chem/G.i/Csvr.p/gcpgto15cmp.b/768131d.d

Page 5

Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[ ]09/12/08 @1855(AIR)

Purge Volume: 100.0

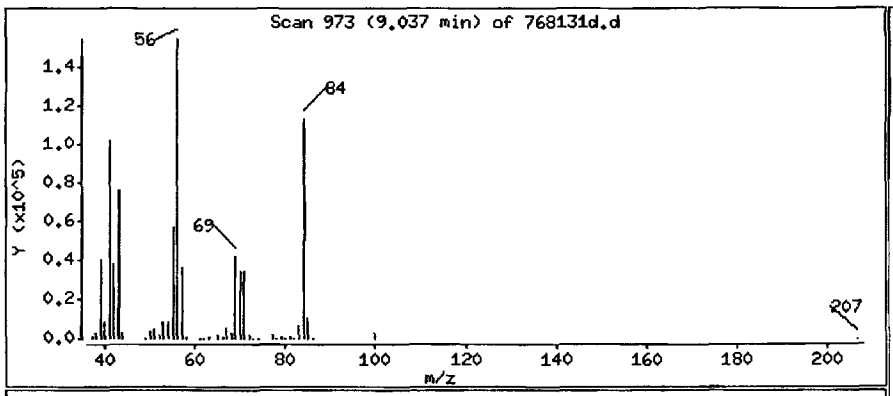
Operator: wrd

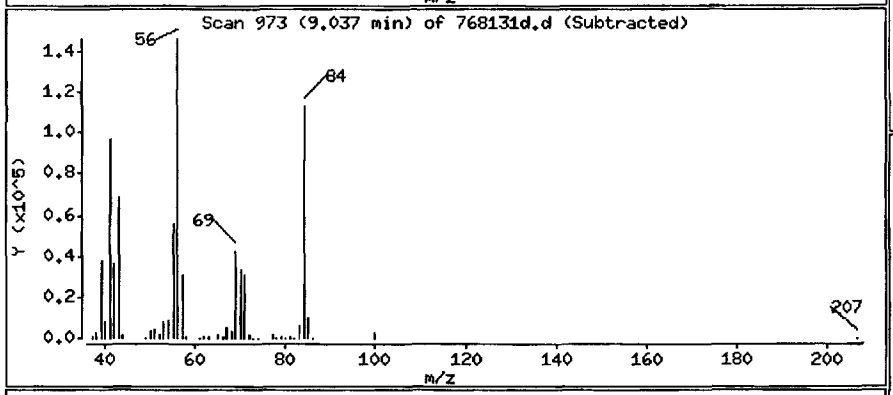
Column phase: RTX-624

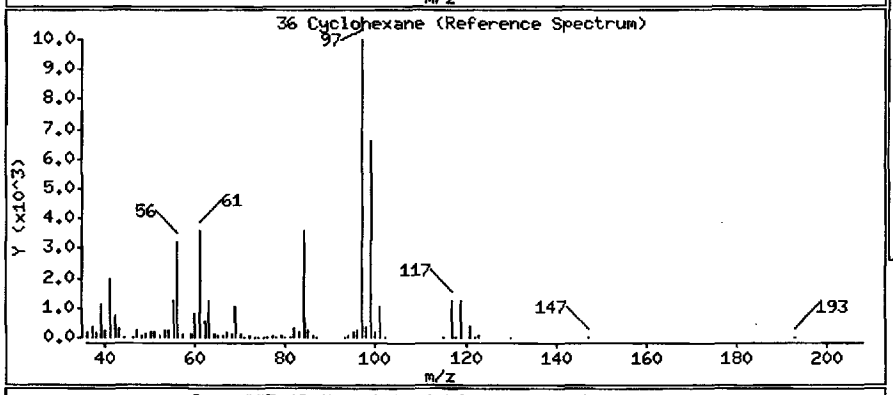
Column diameter: 0.32

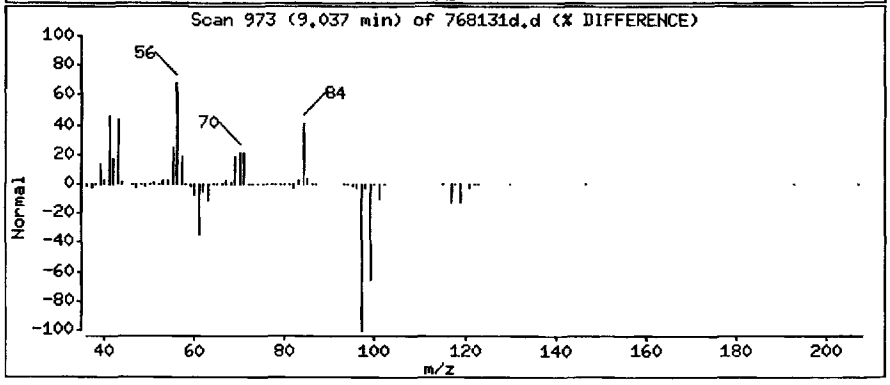
36 Cyclohexane

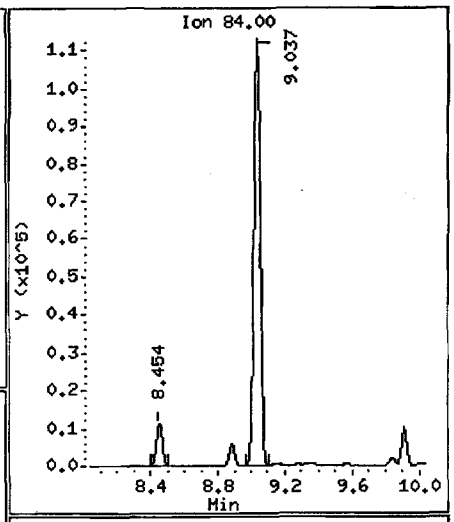
Concentration: 12 ppbv

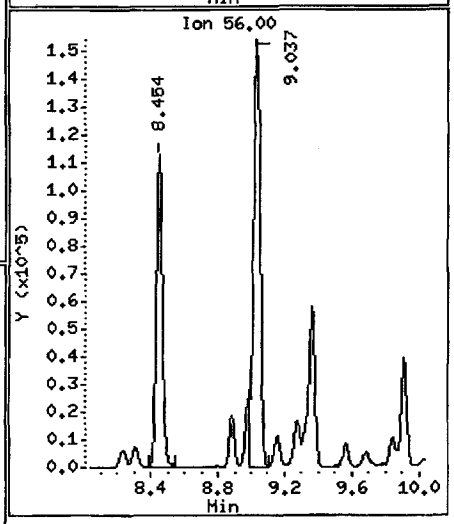












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d

Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[ ]09/12/08 @1855(AIR)

Purge Volume: 100.0

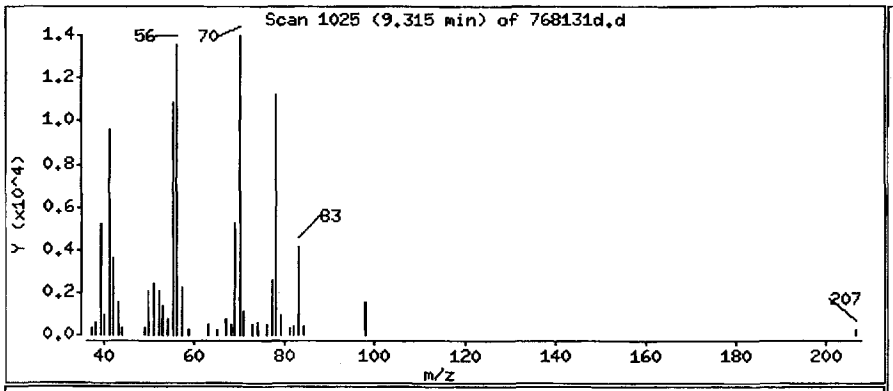
Operator: wrd

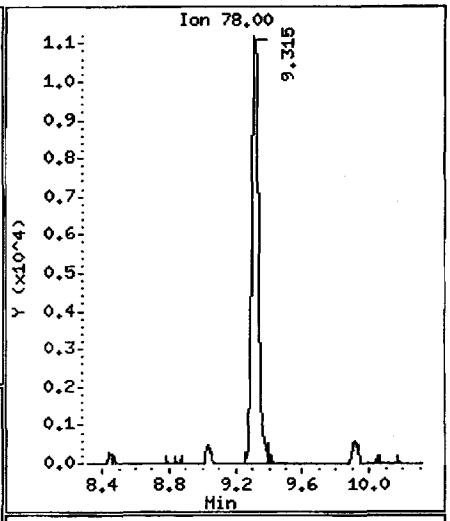
Column phase: RTX-624

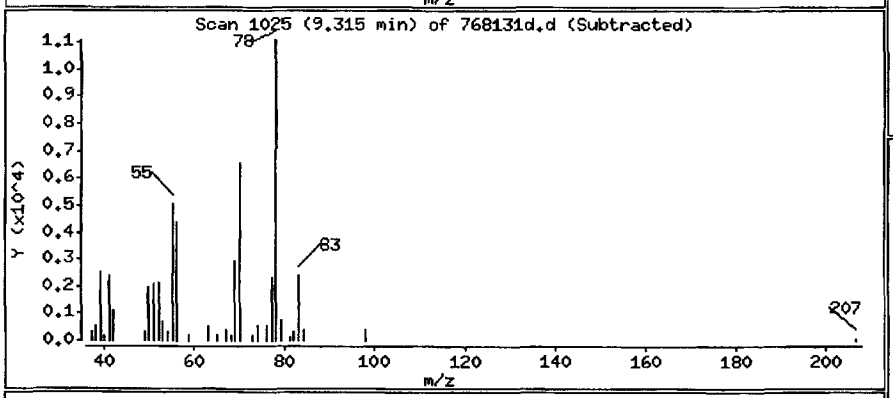
Column diameter: 0.32

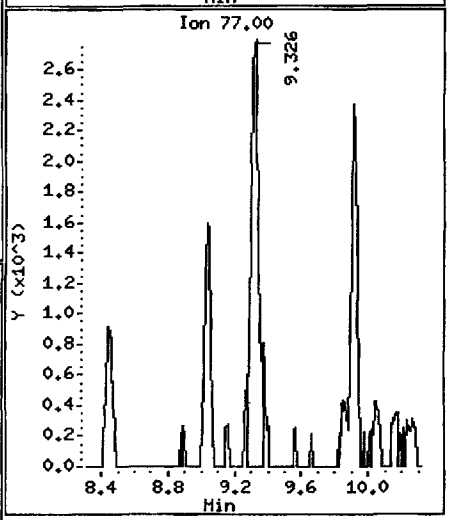
39 Benzene

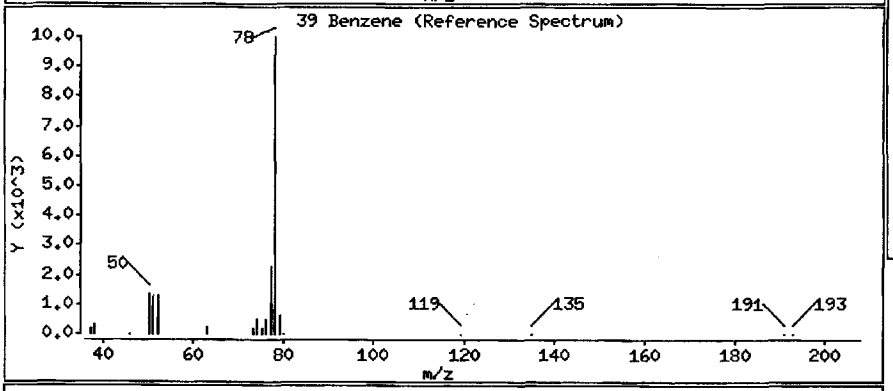
Concentration: 0.56 ppbv

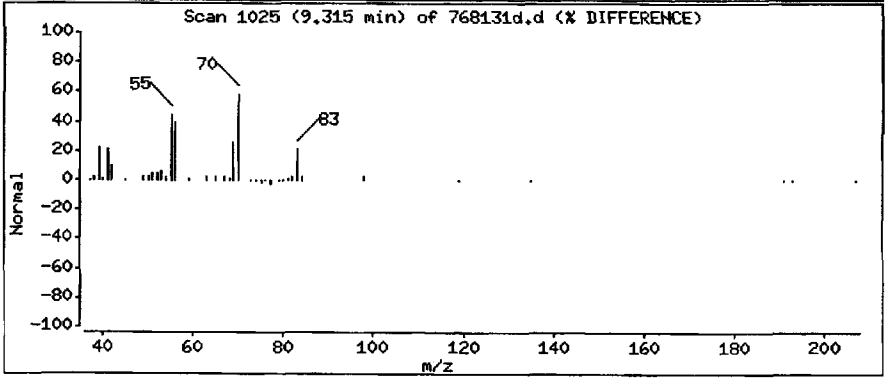












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d

Page 7

Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[109/12/08 @1855(AIR)

Purge Volume: 100.0

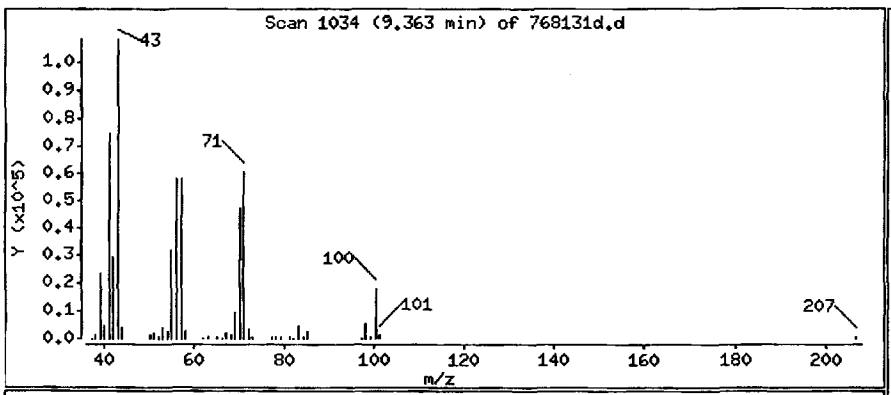
Operator: wrd

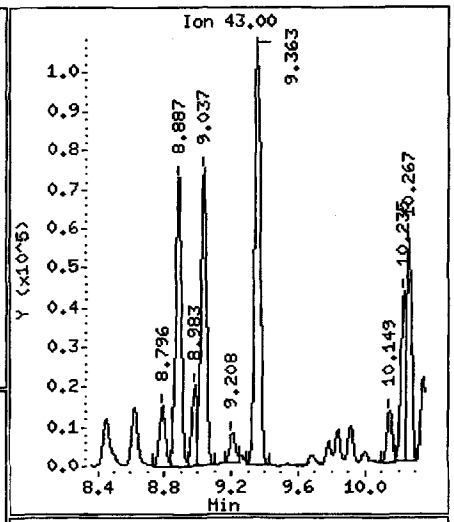
Column phase: RTX-624

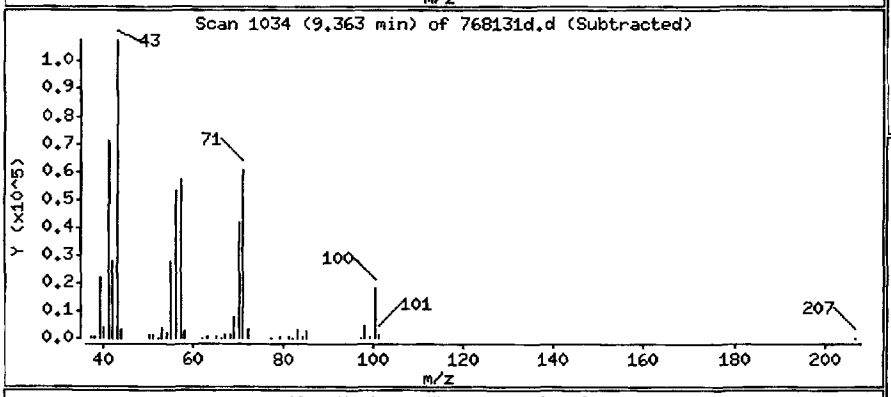
Column diameter: 0.32

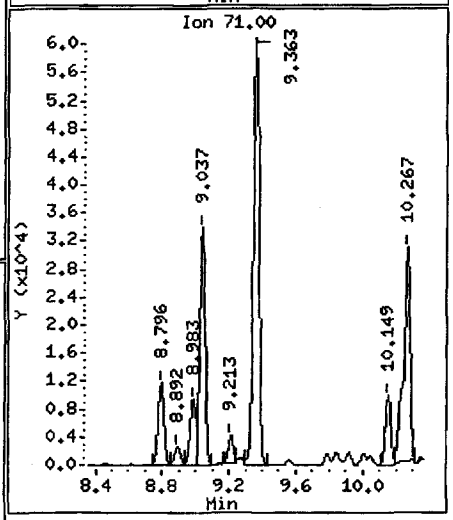
42 n-Heptane

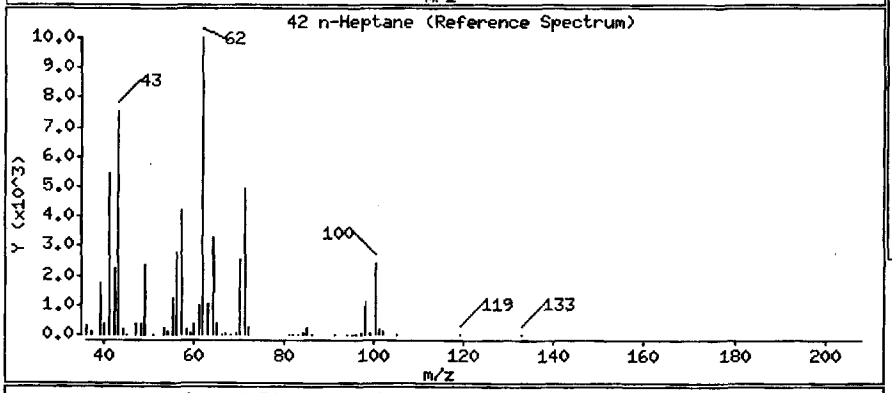
Concentration: 6.9 ppbv

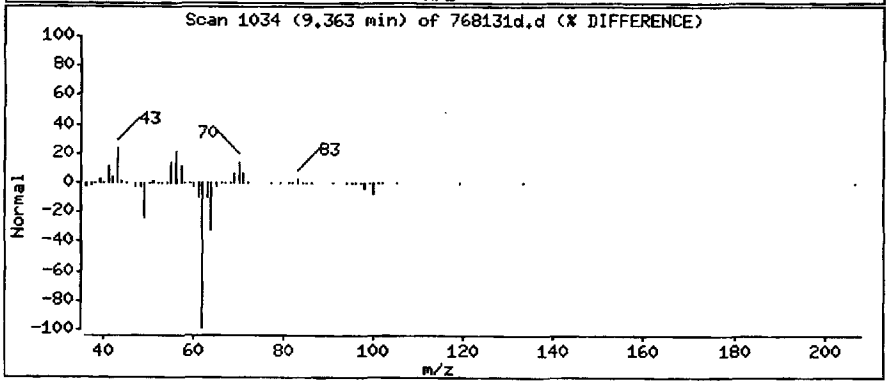












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d

Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[ ]09/12/08 @1855(AIR)

Purge Volume: 100.0

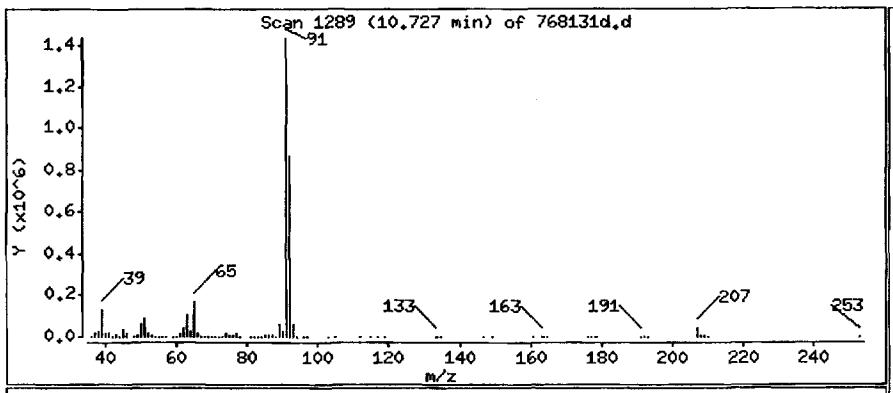
Operator: wrd

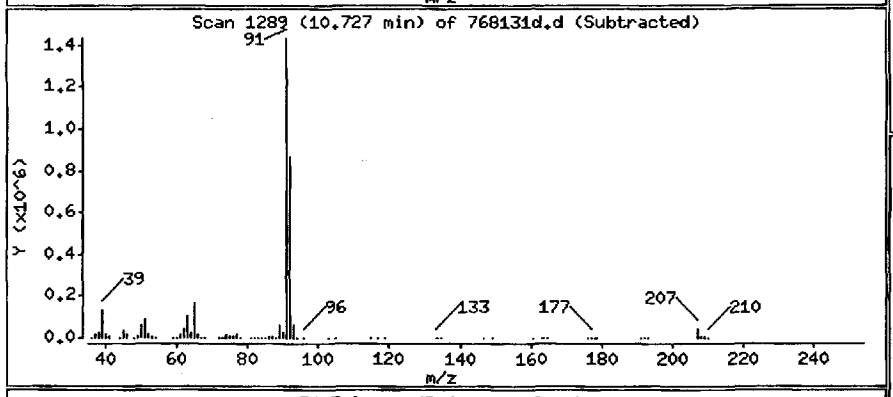
Column phase: RTX-624

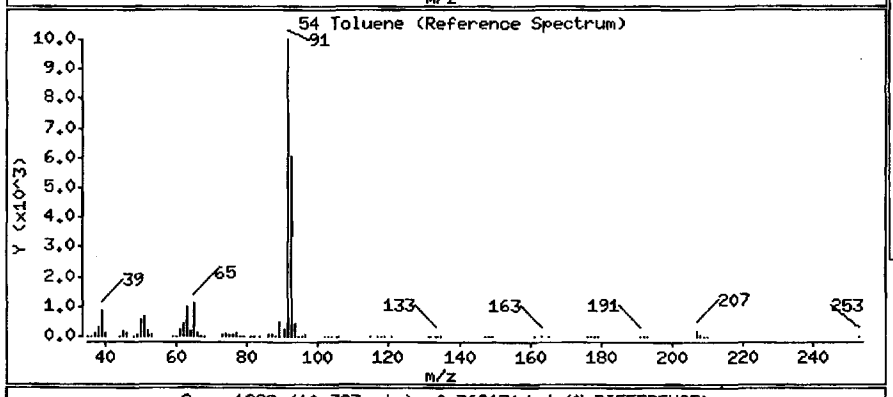
Column diameter: 0.32

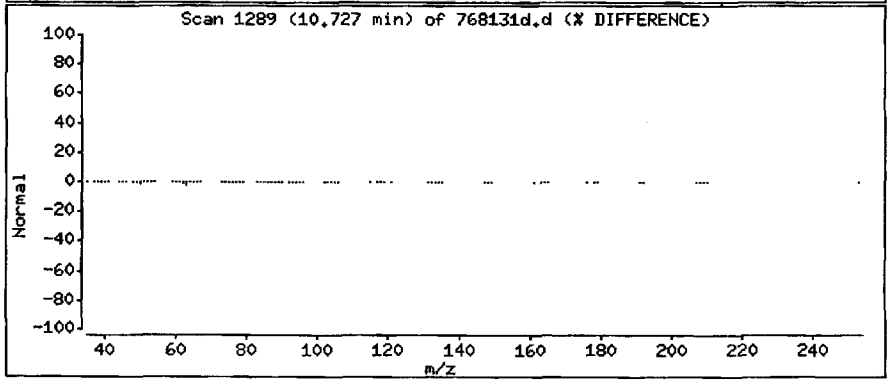
54 Toluene

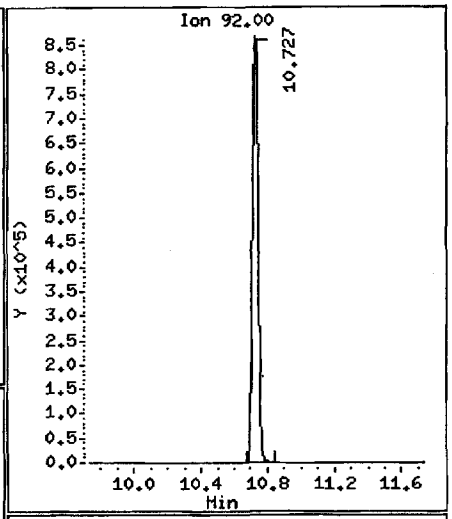
Concentration: 53 ppbv

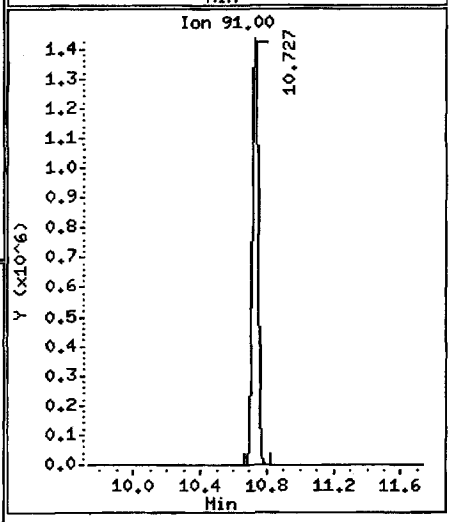












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d

Page 9

Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[ ]09/12/08 @1855(AIR)

Purge Volume: 100.0

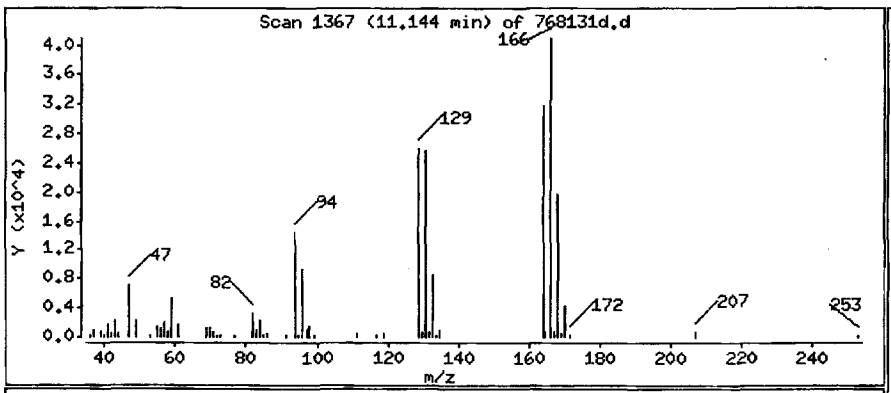
Operator: wrd

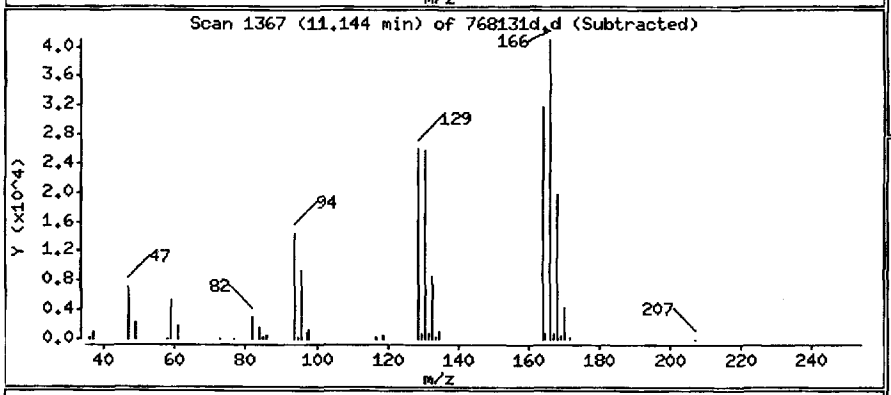
Column phase: RTX-624

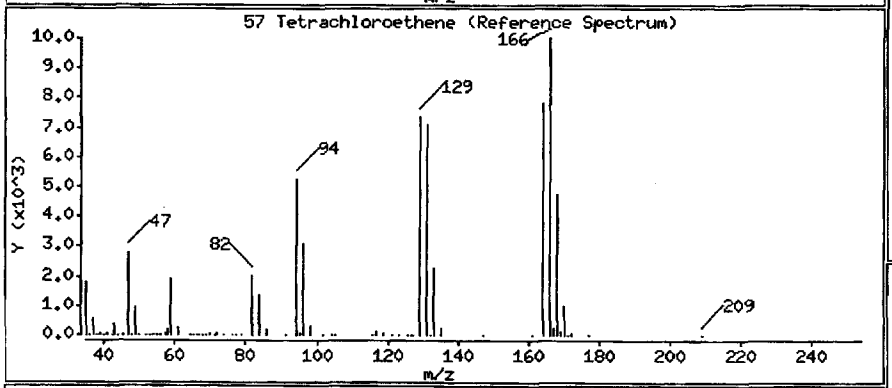
Column diameter: 0.32

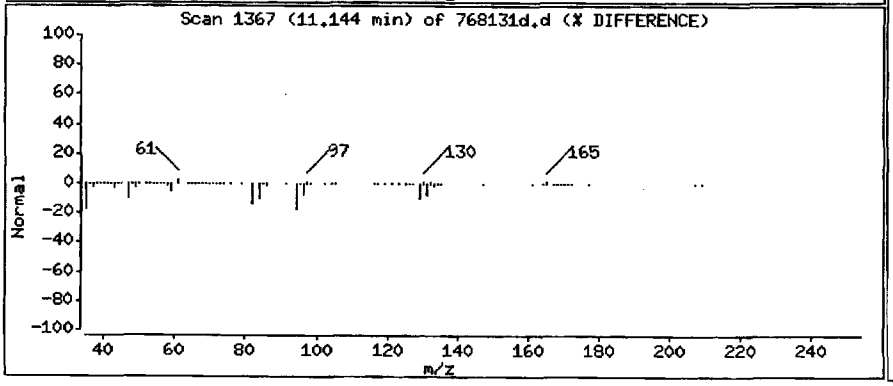
57 Tetrachloroethene

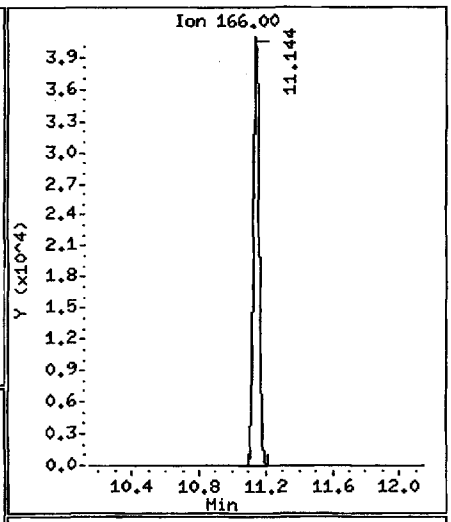
Concentration: 2.5 ppbv

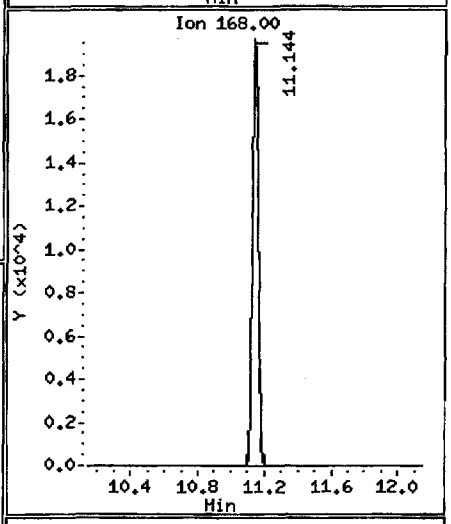


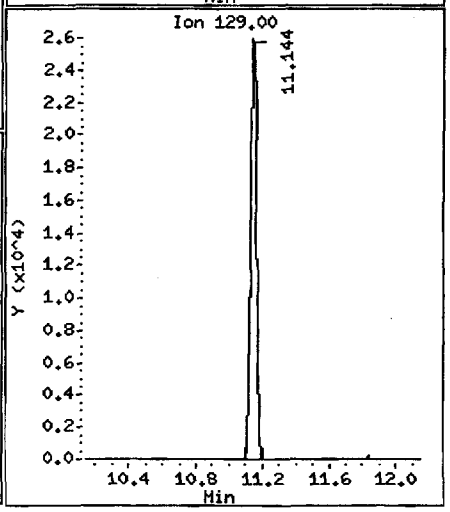












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d

Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[ ]09/12/08 @1855(AIR)

Purge Volume: 100.0

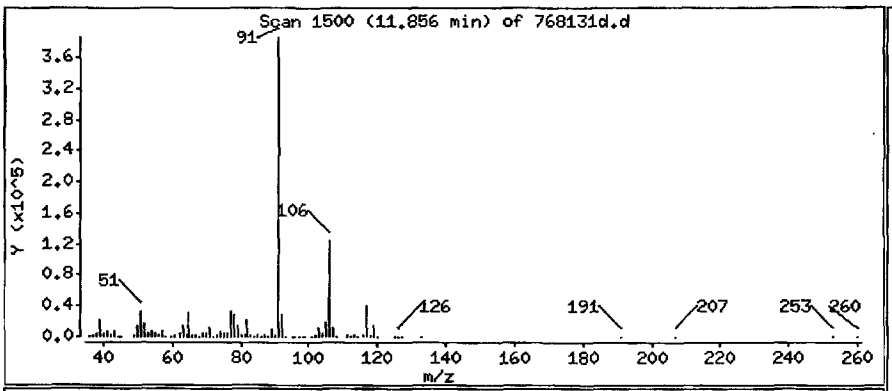
Operator: wrd

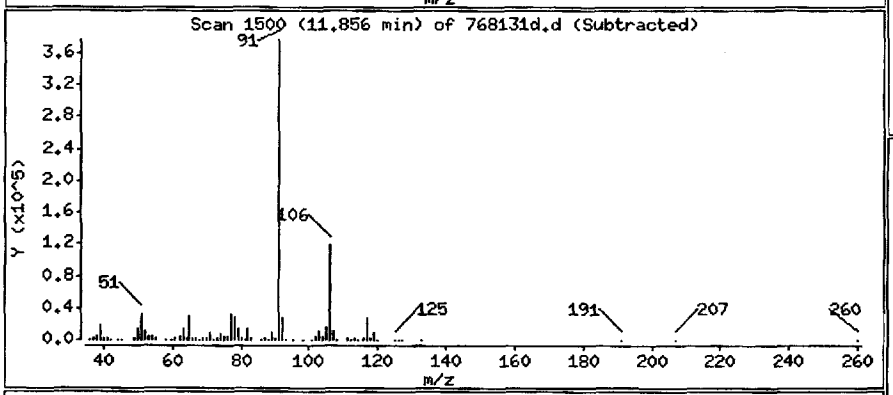
Column phase: RTX-624

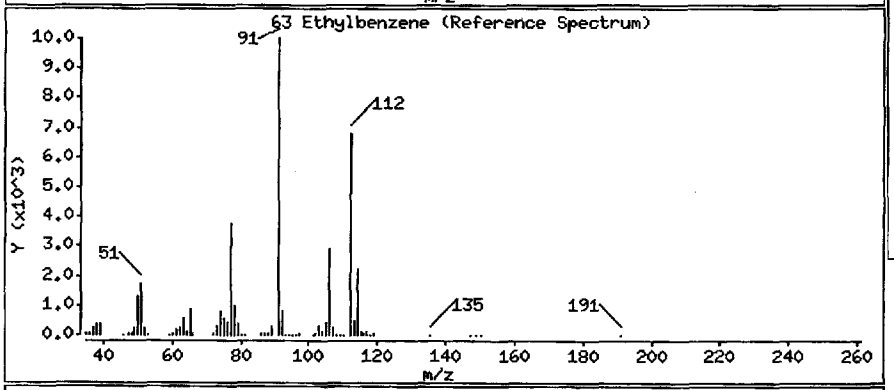
Column diameter: 0.32

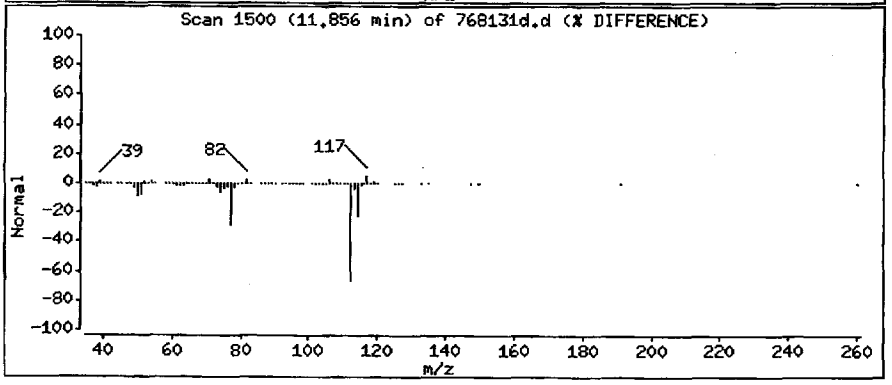
63 Ethylbenzene

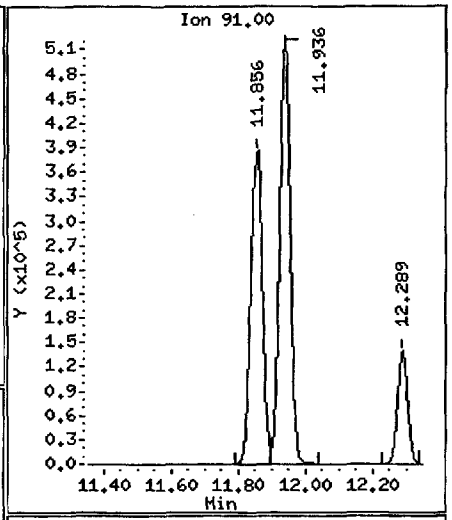
Concentration: 11 ppbv

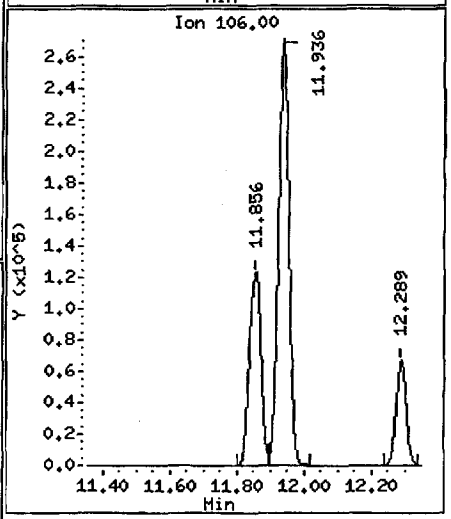












Data File: /chem/G.i/Csvr.p/gcpgto15cmp.b/768131d.d

Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[09/12/08 @1855(AIR)

Purge Volume: 100.0

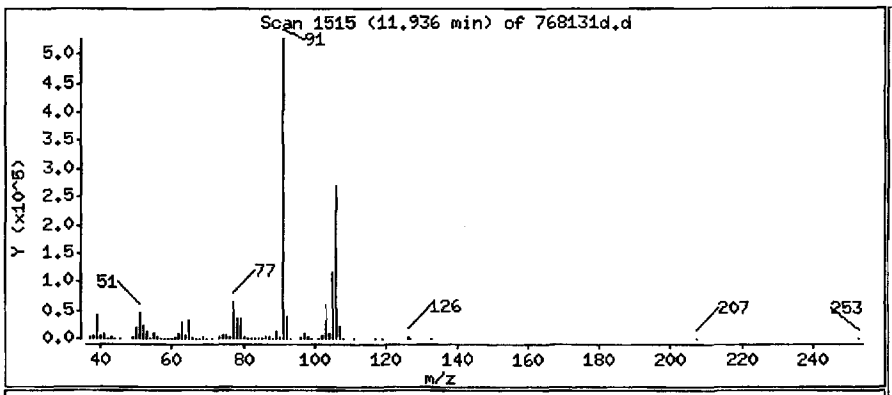
Operator: wrd

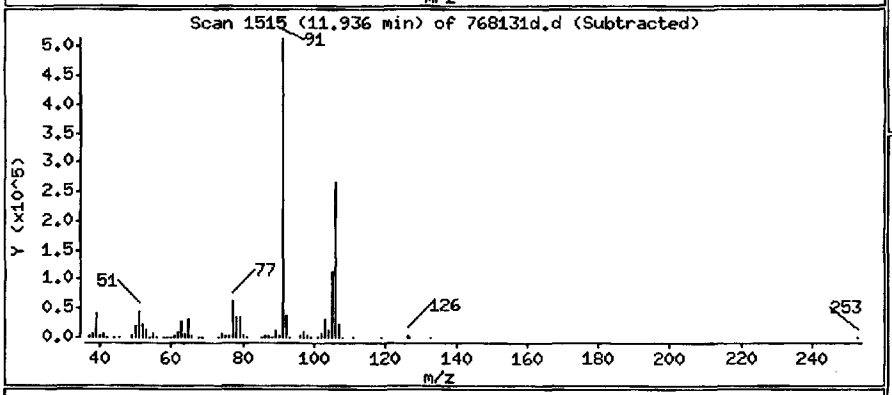
Column phase: RTX-624

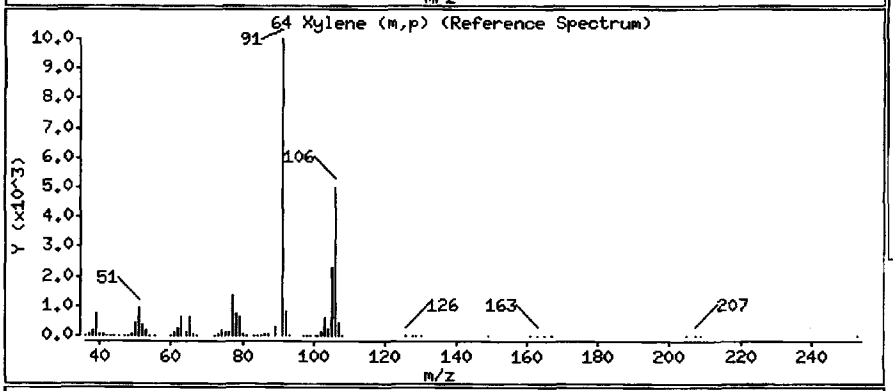
Column diameter: 0.32

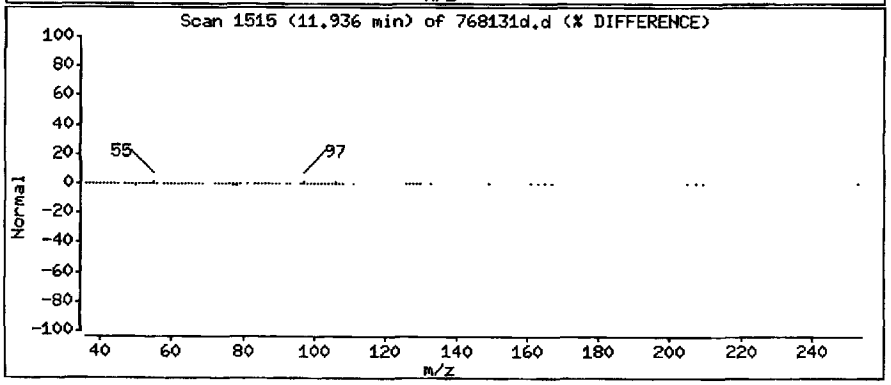
64 Xylene (m,p)

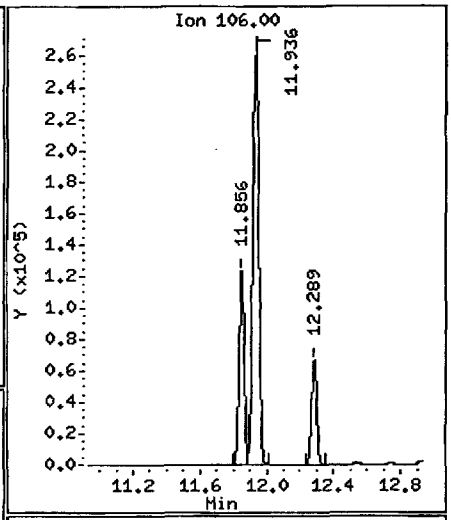
Concentration: 20 ppbv

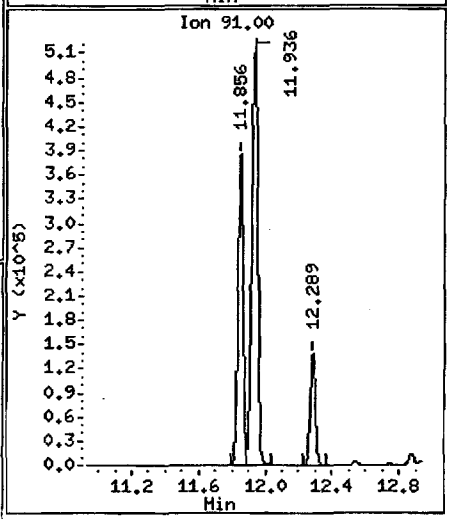












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d

Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[ ]09/12/08 @1855(AIR)

Purge Volume: 100.0

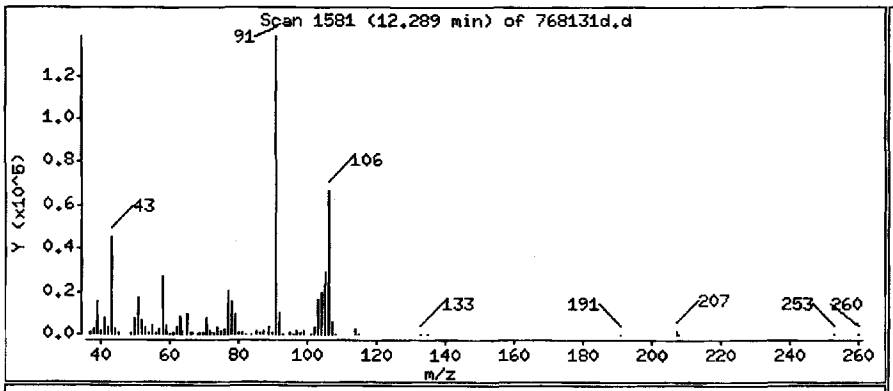
Operator: wrd

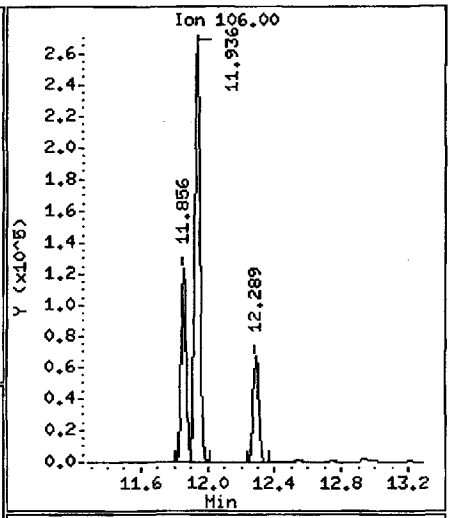
Column phase: RTX-624

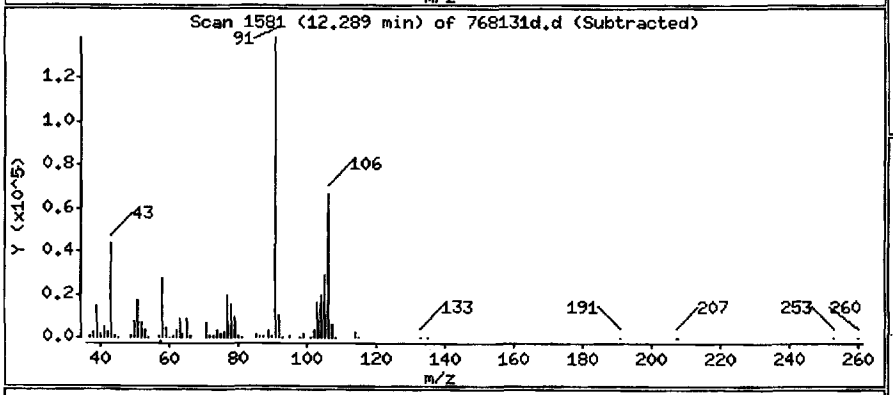
Column diameter: 0.32

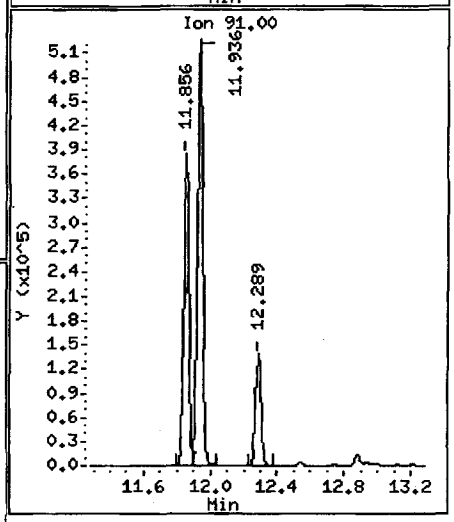
65 Xylene (o)

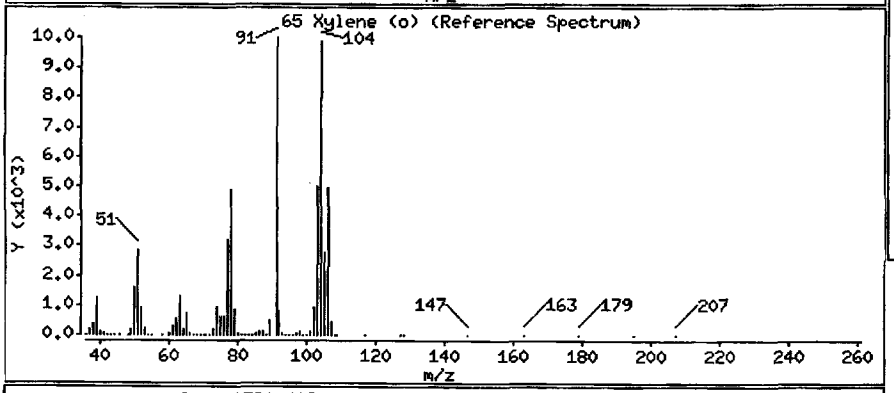
Concentration: 5.0 ppbv

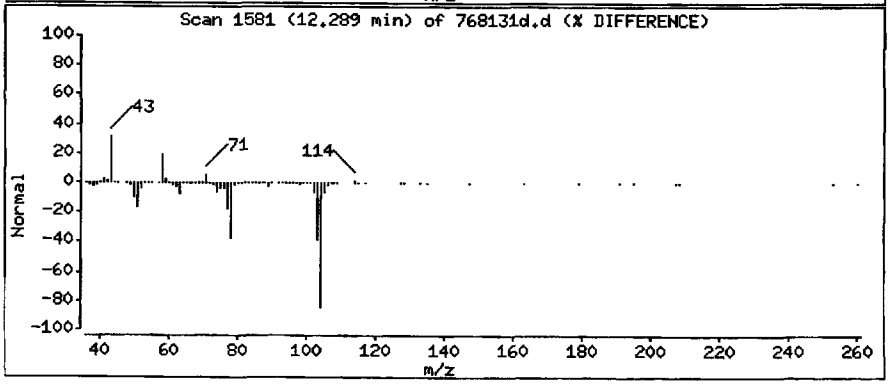












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768131d.d

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Date : 19-SEP-2008 17:01

Client ID: SS-1

Instrument: G.i

Sample Info: SS-1 :[ ]09/12/08 @1855(AIR)

Purge Volume: 100.0

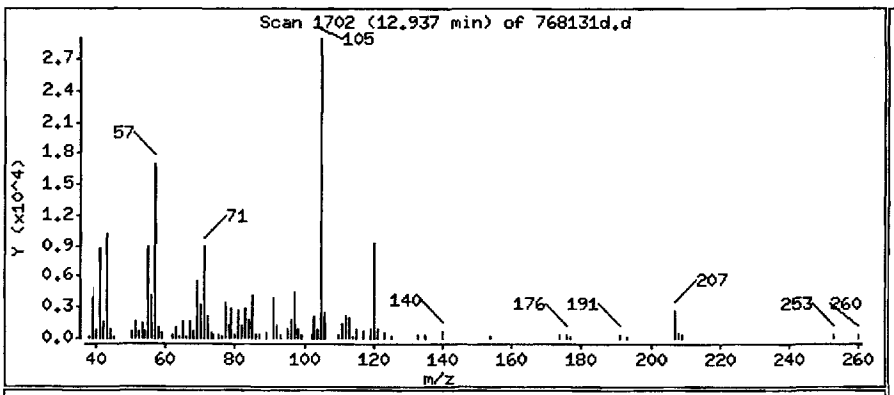
Operator: wrd

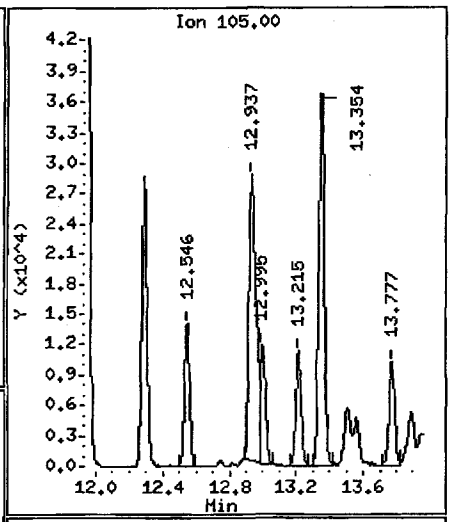
Column phase: RTX-624

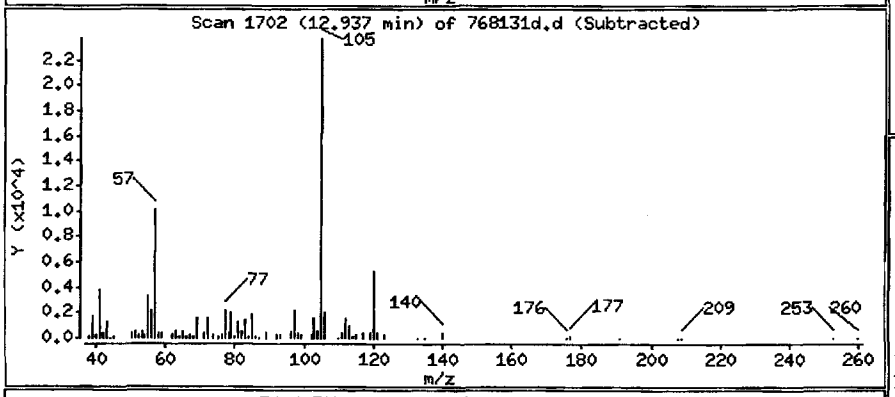
Column diameter: 0.32

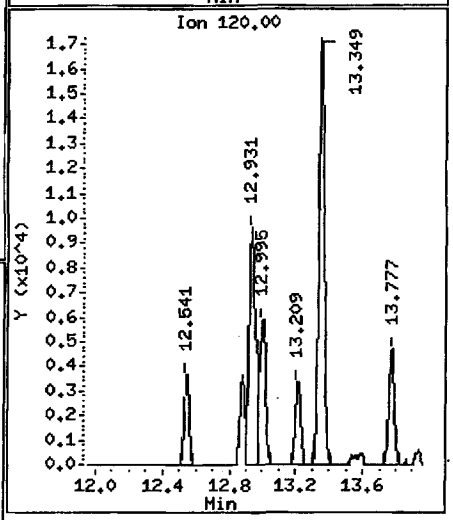
74 4-Ethyltoluene

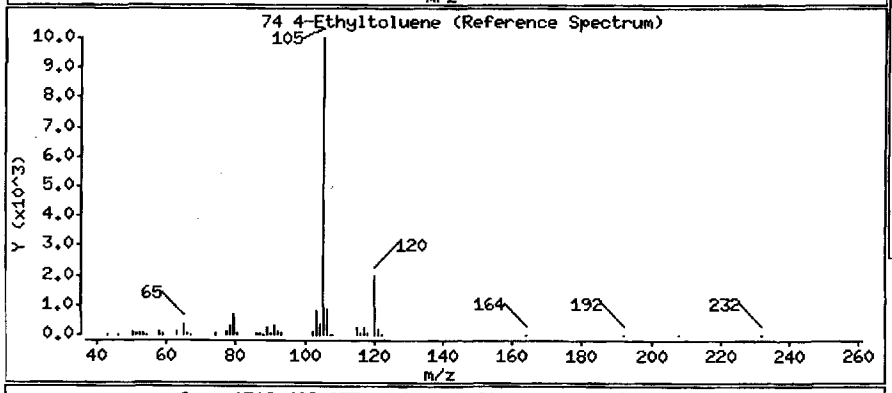
Concentration: 0.93 ppbv

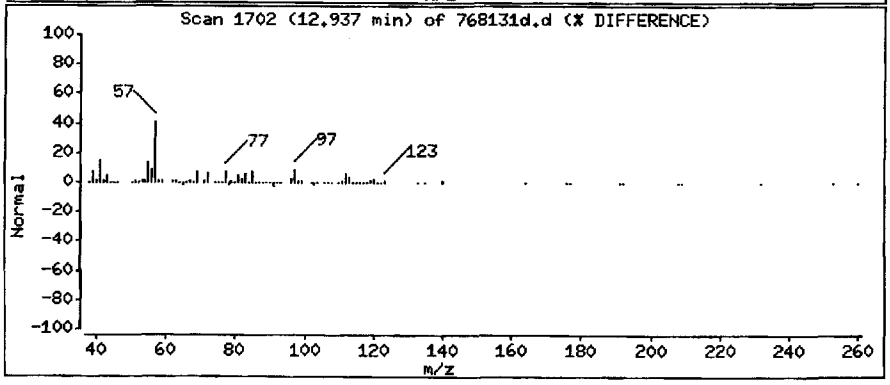












FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

SS-2

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: 768132

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 768132

Level: (low/med) LOW Date Received: 09/18/08

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	
75-35-4	1,1-Dichloroethene	0.20	U
107-05-1	3-Chloropropene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	12	
75-34-3	1,1-Dichloroethane	0.20	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	18	
56-23-5	Carbon Tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.98	
71-43-2	Benzene	0.95	
540-59-0	1,2-Dichloroethene (total)	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	7.6	
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-88-3	Toluene	14	
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	2.3	
124-48-1	Dibromochloromethane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

STLNYB SAMPLE NO.

SS-2

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: 768132

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: 768132

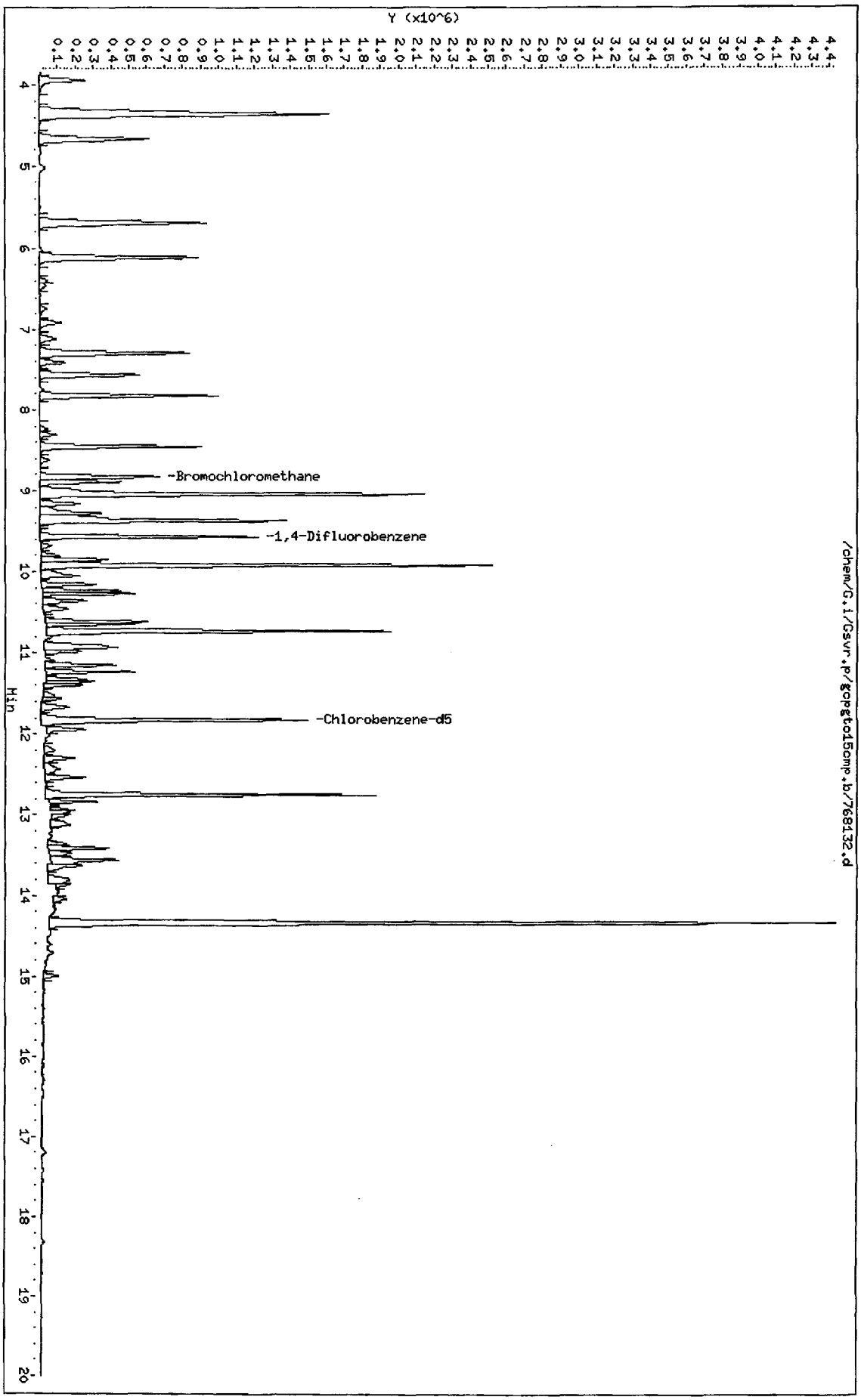
Level: (low/med) LOW Date Received: 09/18/08

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	0.20	U
100-41-4	Ethylbenzene	0.71	
1330-20-7	Xylene (m,p)	1.4	
95-47-6	Xylene (o)	0.49	
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
1330-20-7	Xylene (total)	2.0	
622-96-8	4-Ethyltoluene	0.36	
108-67-8	1,3,5-Trimethylbenzene	0.20	U



Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d
Date : 19-SEP-2008 17:51
Client ID: SS-2
Sample Info: SS-2 :[09/12/08 @1910(AIR)
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: wrd
Column diameter: 0.32

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d Page 1
Report Date: 30-Sep-2008 13:56

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d
Lab Smp Id: 768132 Client Smp ID: SS-2
Inj Date : 19-SEP-2008 17:51
Operator : wrd Inst ID: G.i
Smp Info : SS-2 :[ ]09/12/08 @1910(AIR)
Misc Info : 768132;091908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpgto15cmp.b/sto15.m
Meth Date : 30-Sep-2008 13:39 cmp Quant Type: ISTD
Cal Date : 09-SEP-2008 13:09 Cal File: gcp40v.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
3	1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
6	Vinyl Chloride	62	Compound Not Detected.					
7	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Bromoethene	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	6.019	6.014	(0.682)	15608	0.19506	0.20
18	1,1-Dichloroethene	96	Compound Not Detected.					
22	3-Chloropropene	41	Compound Not Detected.					
26	Methyl tert-Butyl Ether	73	Compound Not Detected.					
27	trans-1,2-Dichloroethene	61	Compound Not Detected.					
28	n-Hexane	57	7.828	7.822	(0.887)	614843	12.2941	12
29	1,1-Dichloroethane	63	Compound Not Detected.					
M 40	1,2-Dichloroethene (total)	61	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d Page 2
Report Date: 30-Sep-2008 13:56

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	31 cis-1,2-Dichloroethene	96	Compound Not Detected.					
*	32 Bromochloromethane	128	8.828	8.828	(1.000)	247737	10.0000	(Q)
	34 Chloroform	83	Compound Not Detected.					
	35 1,1,1-Trichloroethane	97	Compound Not Detected.					
	36 Cyclohexane	84	9.037	9.037	(0.945)	787347	17.5532	18
	37 Carbon Tetrachloride	117	Compound Not Detected.					
	38 2,2,4-Trimethylpentane	57	9.256	9.251	(0.968)	164299	0.98354	0.98(Q)
	39 Benzene	78	9.320	9.315	(0.975)	96629	0.95299	0.95
	41 1,2-Dichloroethane	62	Compound Not Detected.					
	42 n-Heptane	43	9.363	9.363	(0.979)	507209	7.57194	7.6
*	43 1,4-Difluorobenzene	114	9.561	9.566	(1.000)	1238287	10.0000	
	45 Trichloroethene	95	Compound Not Detected.					
	47 1,2-Dichloropropane	63	Compound Not Detected.					
	50 Bromodichloromethane	83	Compound Not Detected.					
	51 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	54 Toluene	92	10.732	10.733	(0.908)	999006	14.2098	14
	55 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	56 1,1,2-Trichloroethane	83	Compound Not Detected.					
	57 Tetrachloroethene	166	11.144	11.145	(0.943)	161524	2.33268	2.3
	59 Dibromochloromethane	129	Compound Not Detected.					
	60 1,2-Dibromoethane	107	Compound Not Detected.					
*	61 Chlorobenzene-d5	117	11.824	11.819	(1.000)	1158542	10.0000	
	63 Ethylbenzene	91	11.856	11.851	(1.003)	109976	0.71132	0.71
	64 Xylene (m,p)	106	11.941	11.936	(1.010)	84833	1.43813	1.4
	65 Xylene (o)	106	12.295	12.284	(1.040)	28514	0.49431	0.49
M	70 Xylene (total)	106				113347	1.96495	2.0
	67 Bromoform	173	Compound Not Detected.					
	69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	74 4-Ethyltoluene	105	12.931	12.958	(1.094)	64058	0.36110	0.36
	75 1,3,5-Trimethylbenzene	105	Compound Not Detected.					

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

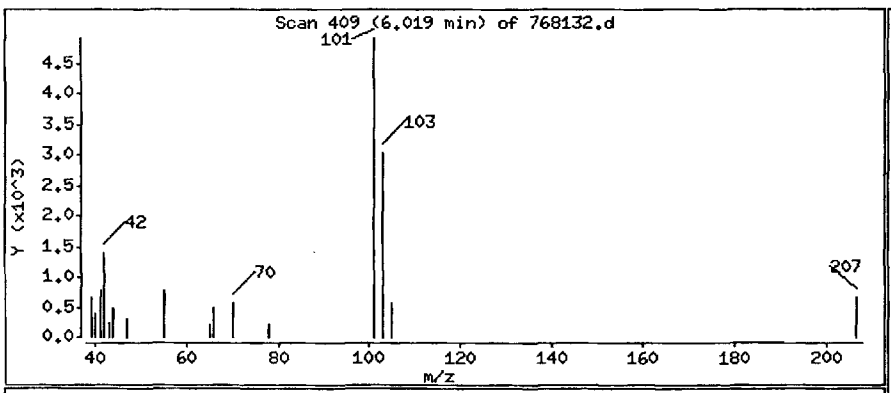
Operator: wrd

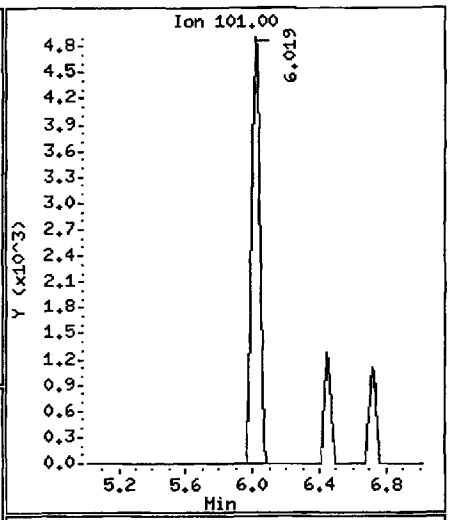
Column phase: RTX-624

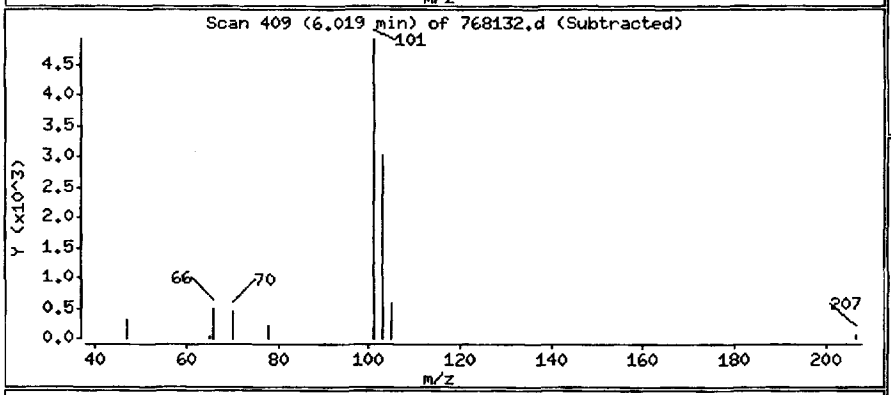
Column diameter: 0.32

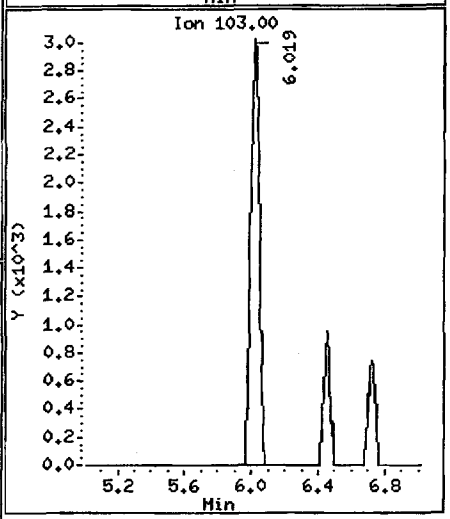
13 Trichlorofluoromethane

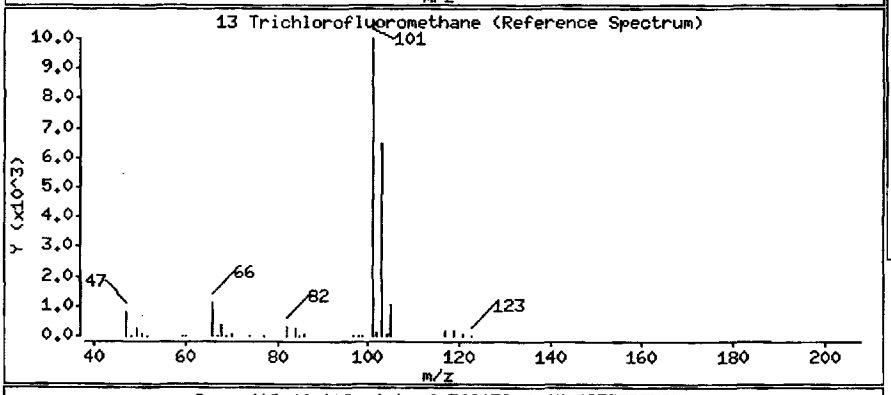
Concentration: 0.20 ppbv

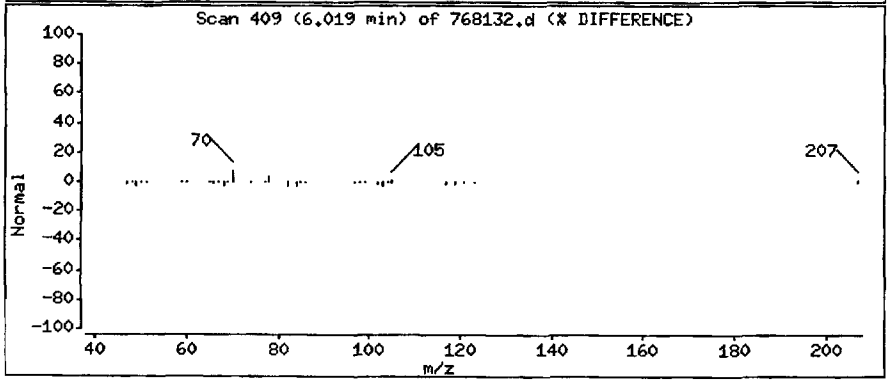












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Page 5

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[09/12/08 @1910(AIR)

Purge Volume: 200.0

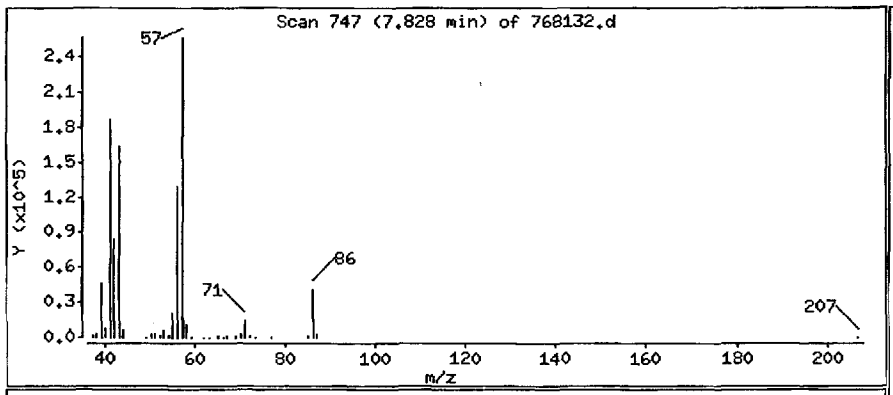
Operator: wrd

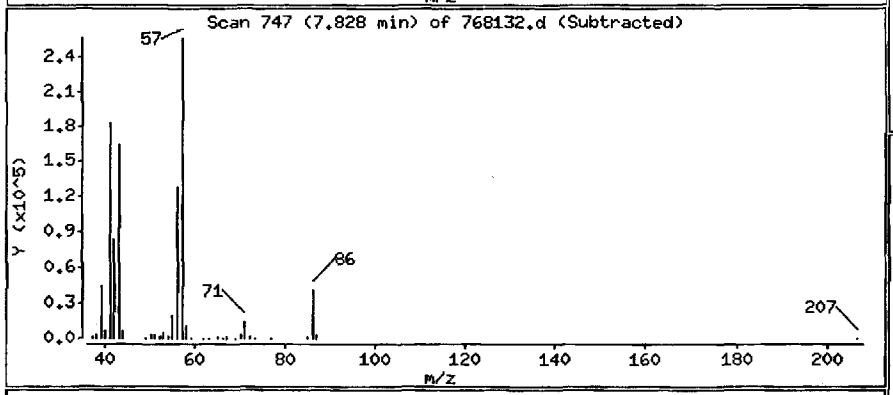
Column phase: RTX-624

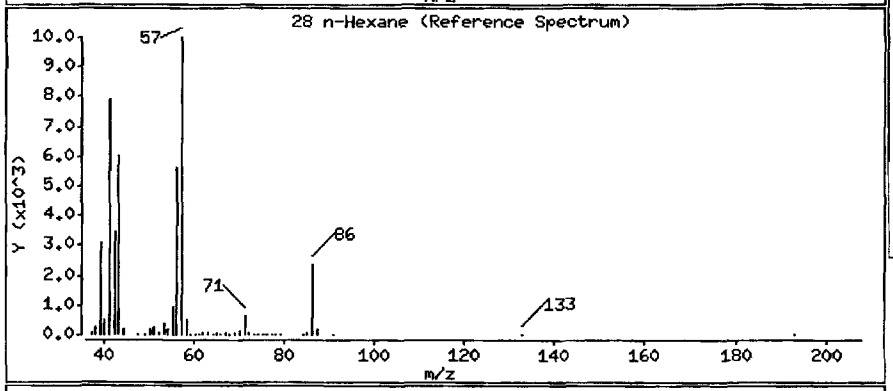
Column diameter: 0.32

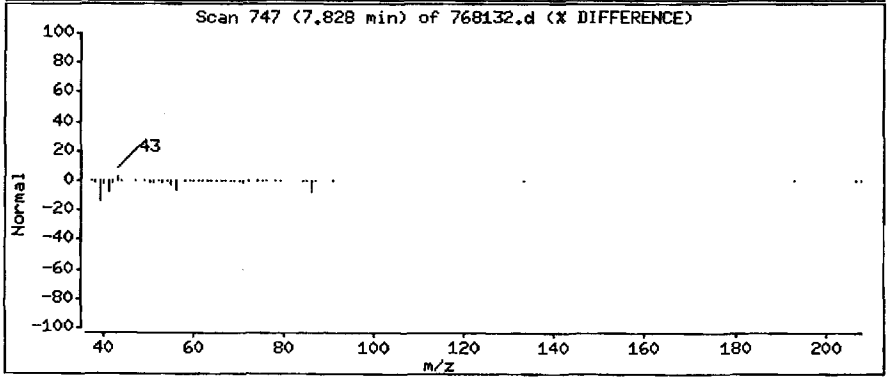
28 n-Hexane

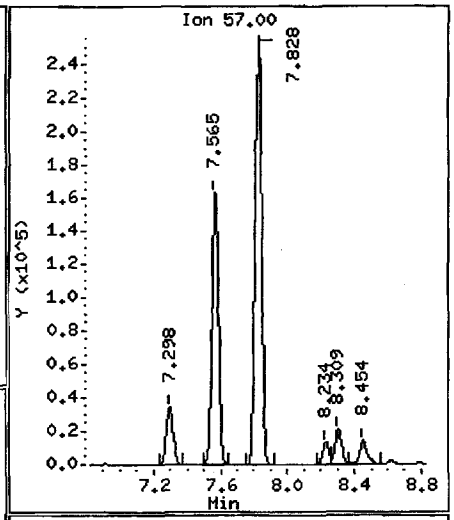
Concentration: 12 ppbv

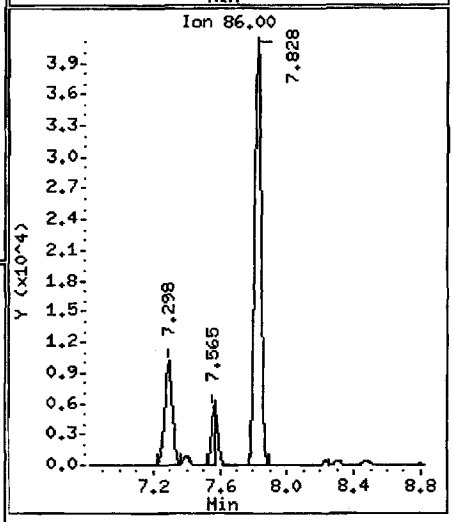












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

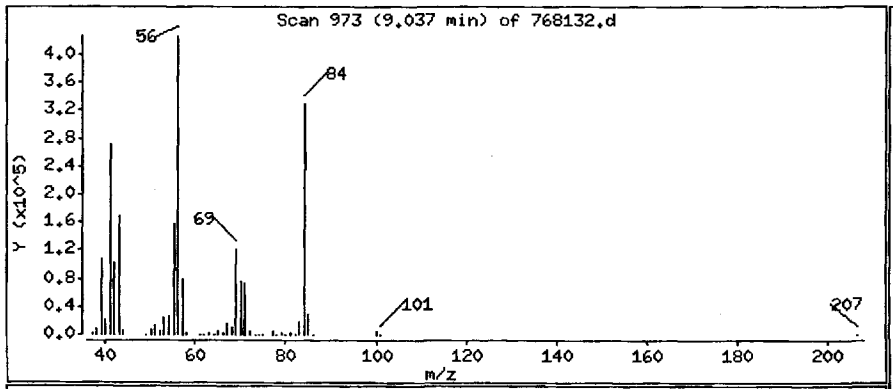
Operator: wrd

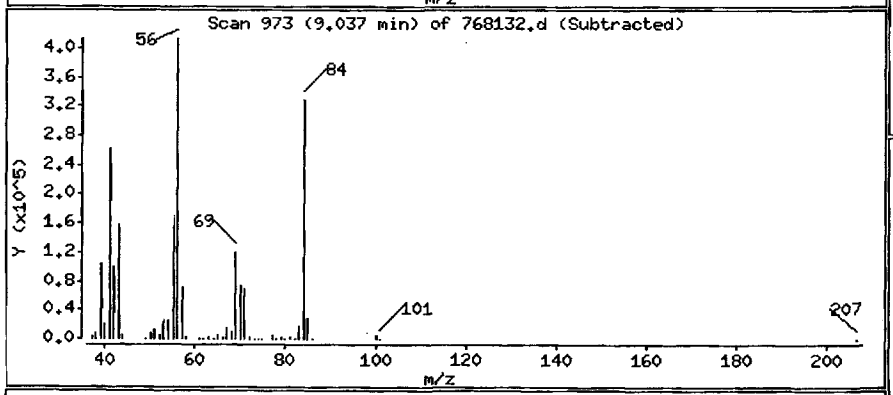
Column phase: RTX-624

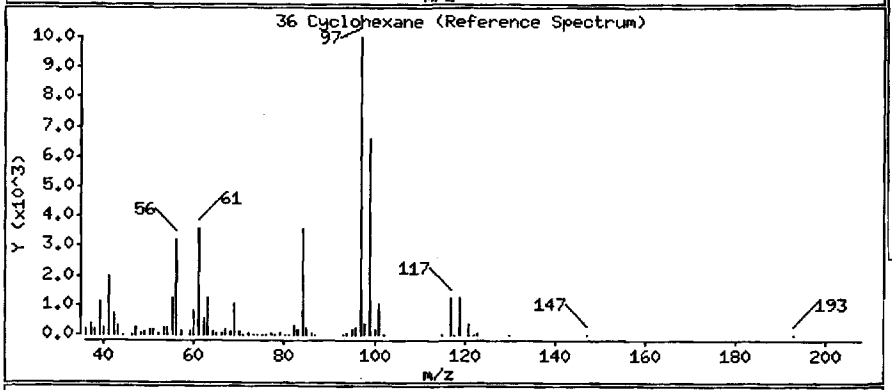
Column diameter: 0.32

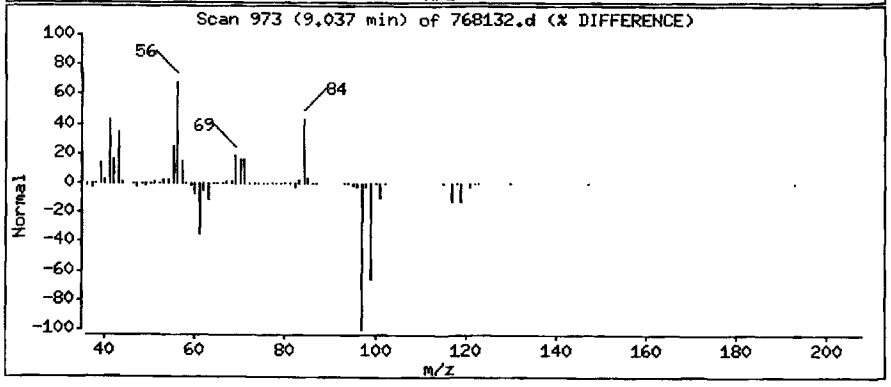
36 Cyclohexane

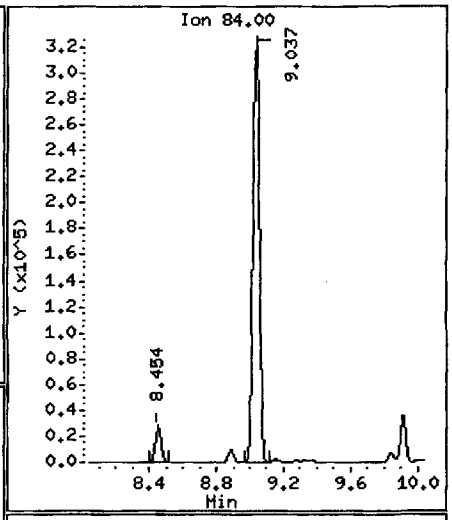
Concentration: 18 ppbv

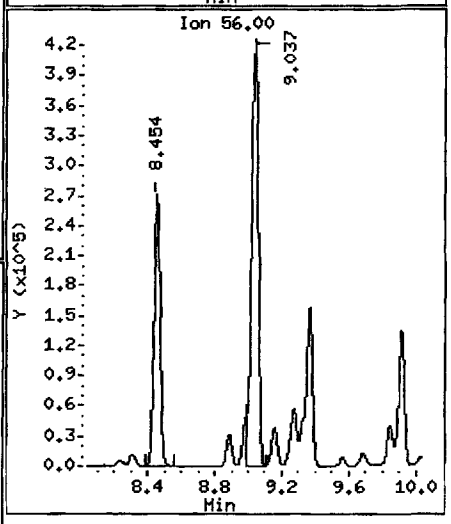












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

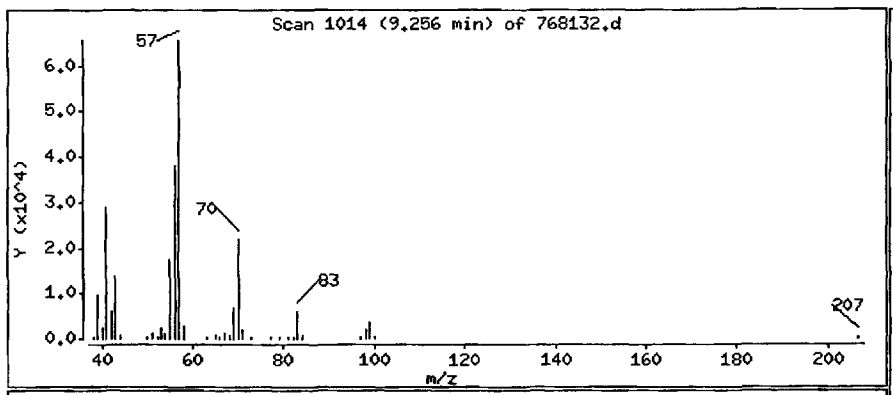
Operator: wrd

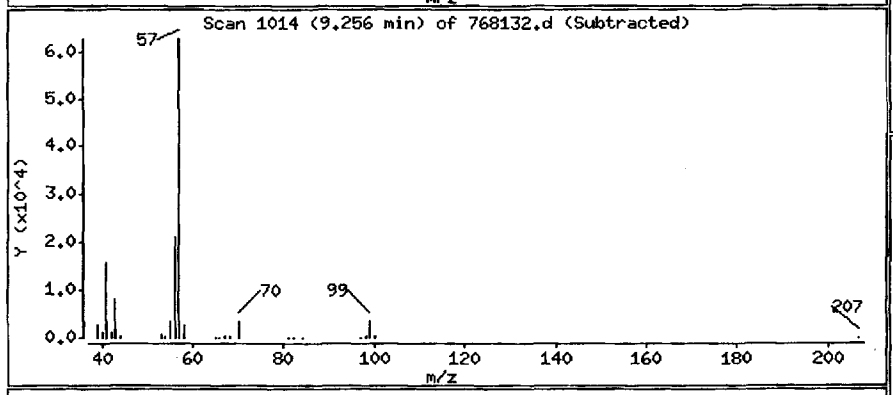
Column phase: RTX-624

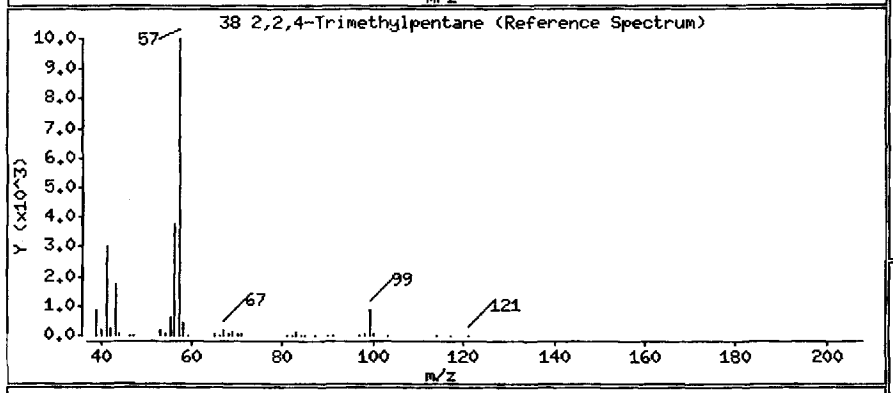
Column diameter: 0.32

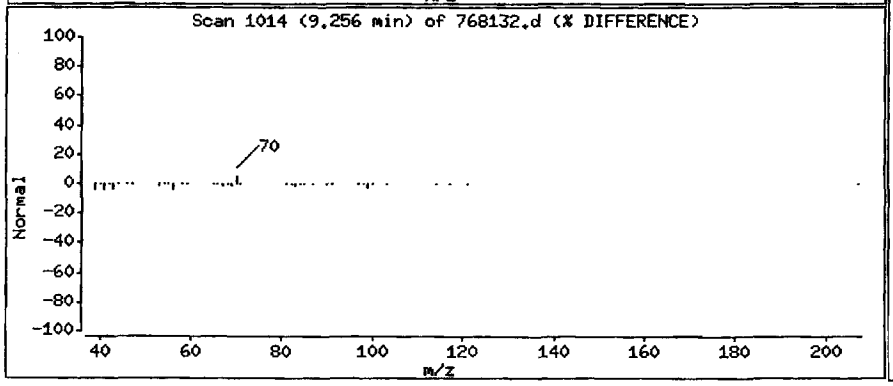
38 2,2,4-Trimethylpentane

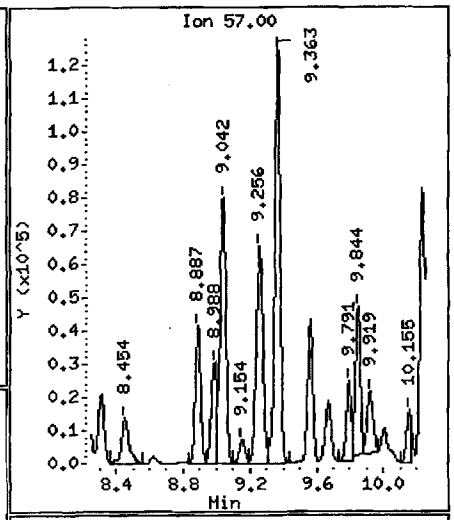
Concentration: 0.98 ppbv

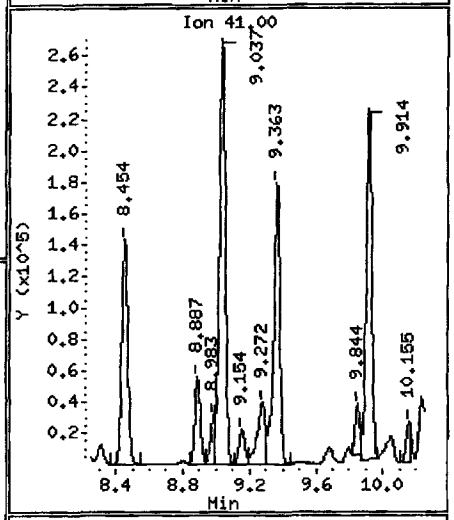


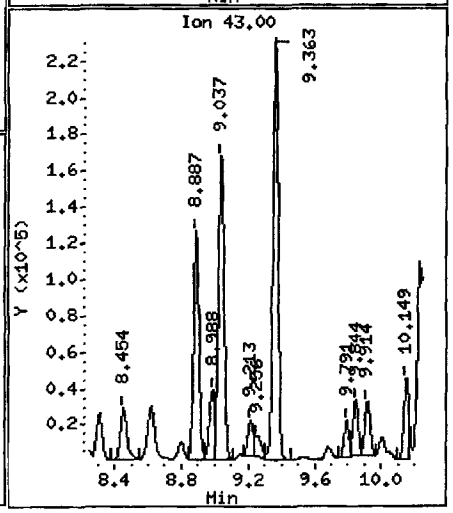












Data File: /chem/C.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: C.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

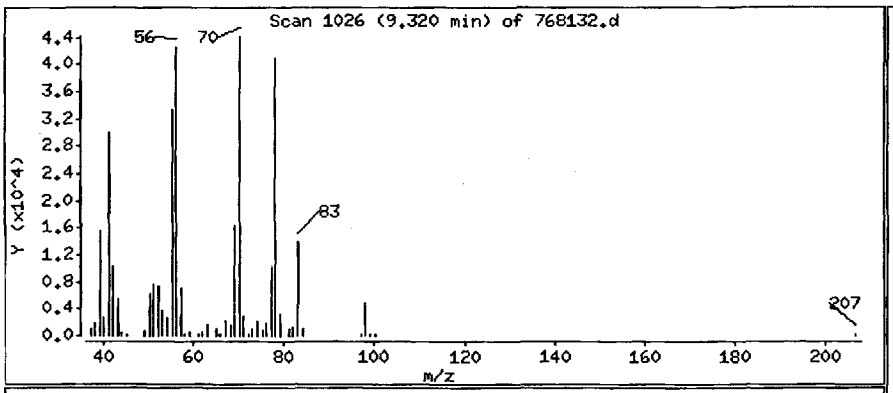
Operator: wrd

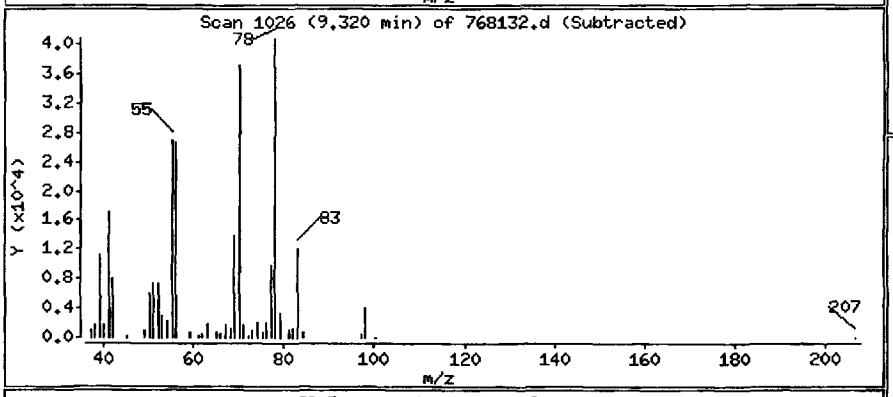
Column phase: RTX-624

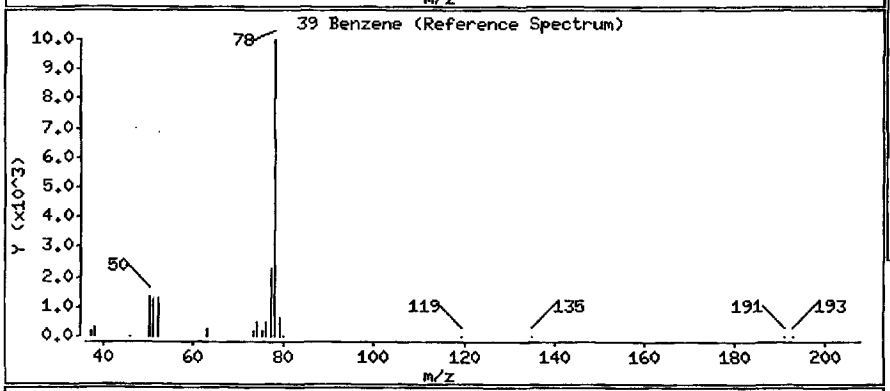
Column diameter: 0.32

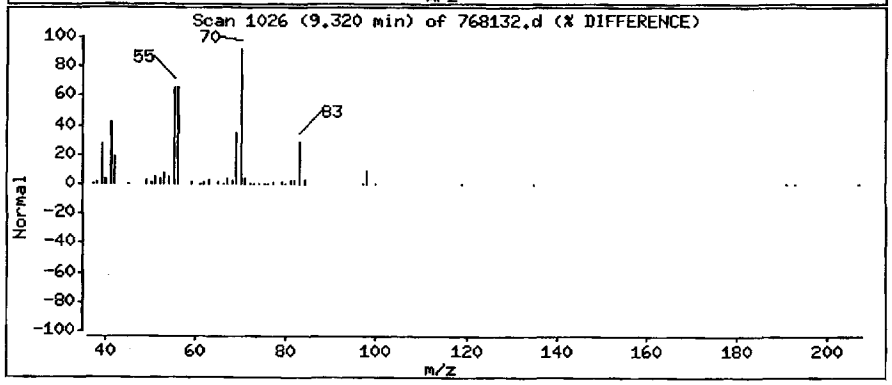
39 Benzene

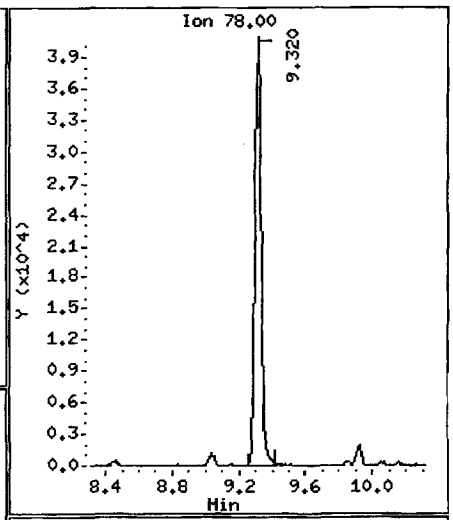
Concentration: 0.95 ppbv

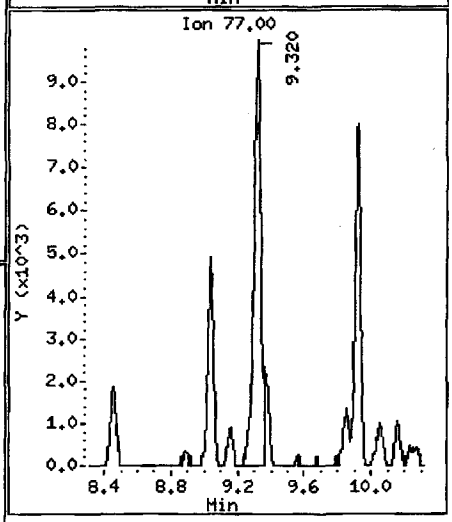












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[J09/12/08 @1910(AIR)

Purge Volume: 200.0

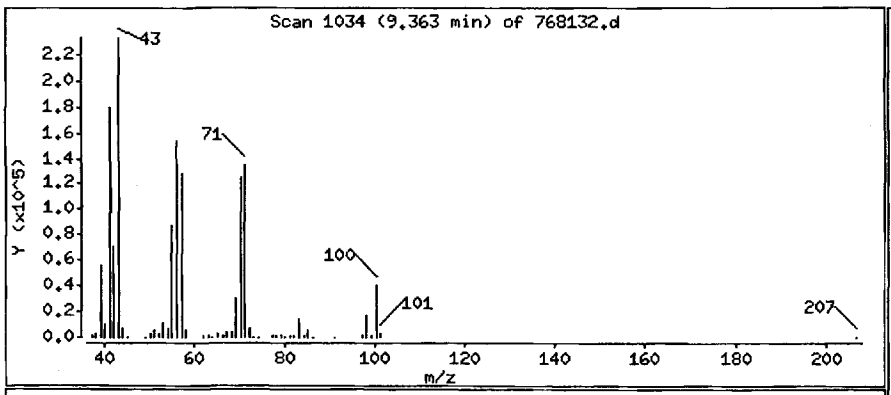
Operator: wrd

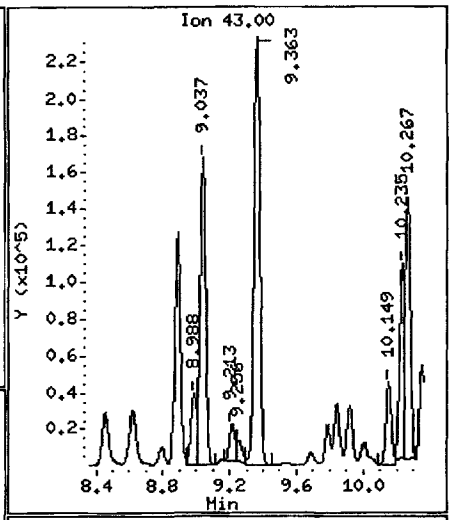
Column phase: RTX-624

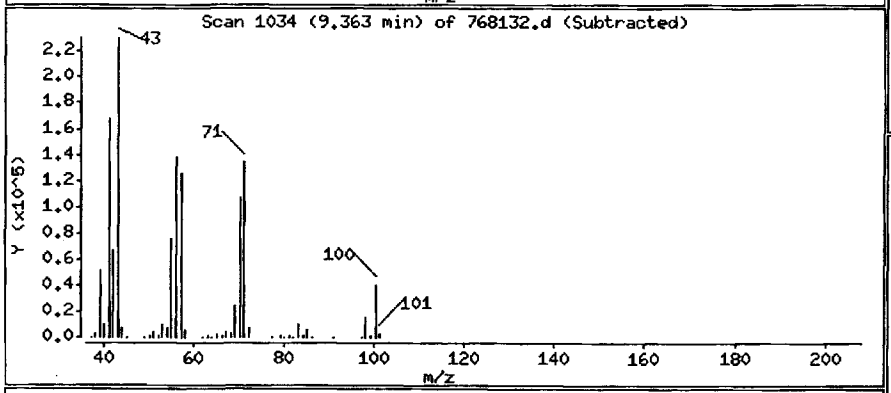
Column diameter: 0.32

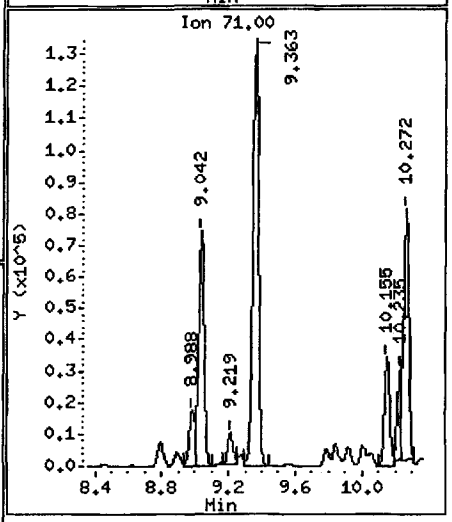
42 n-Heptane

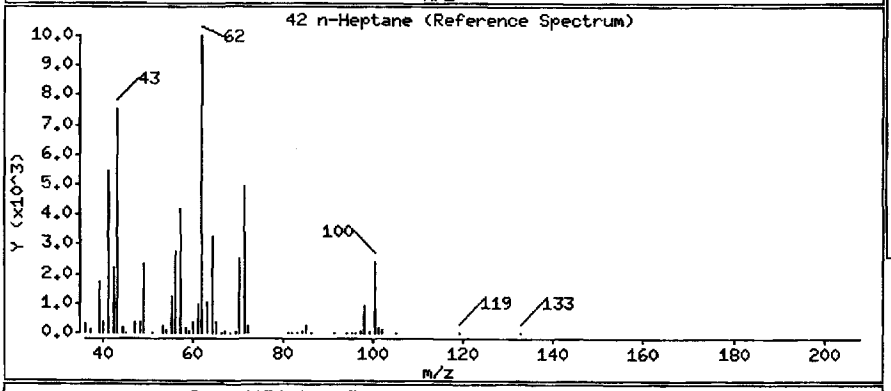
Concentration: 7.6 ppbv

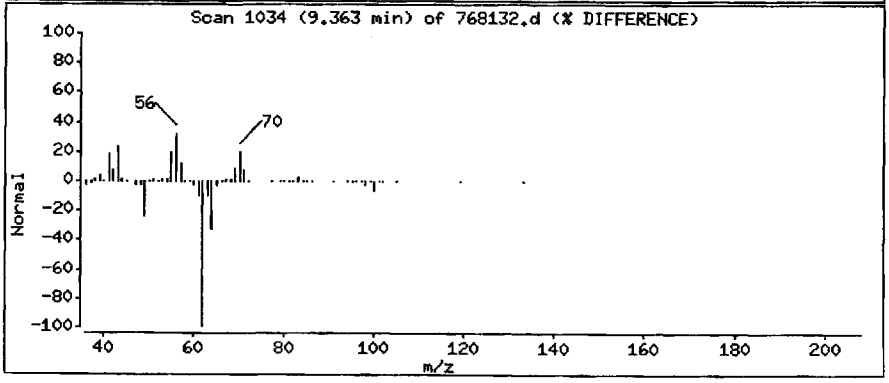












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

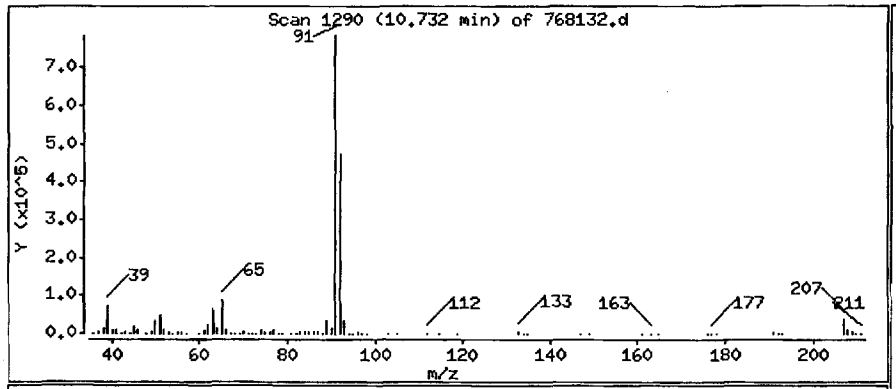
Operator: wrd

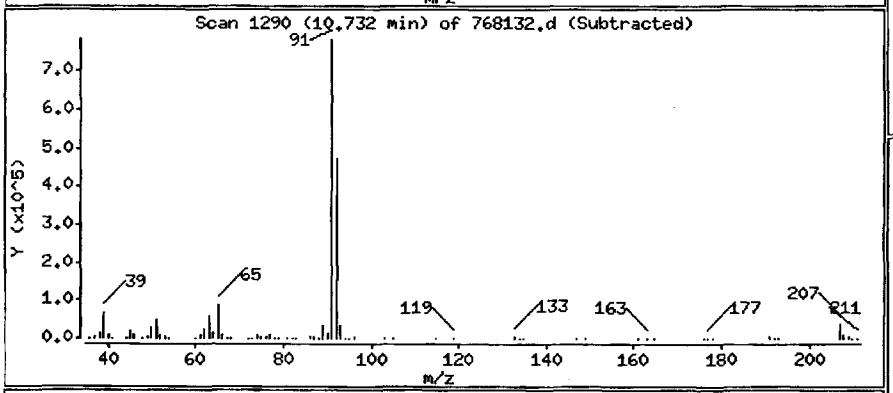
Column phase: RTX-624

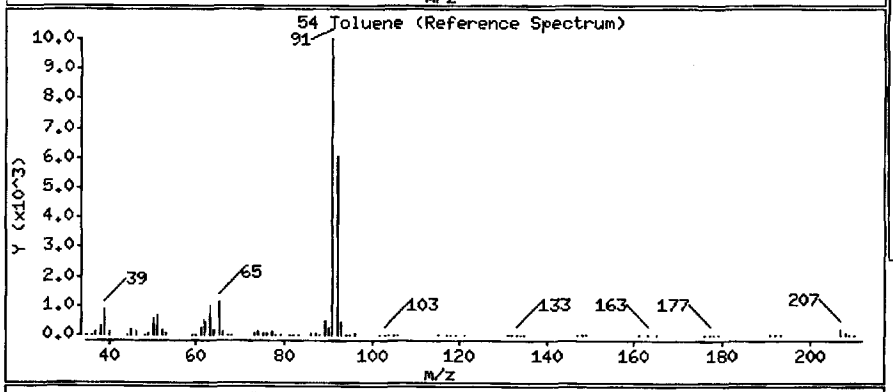
Column diameter: 0.32

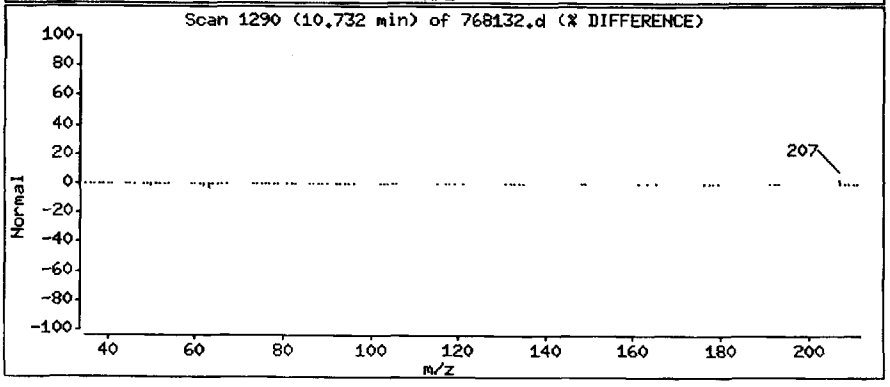
54 Toluene

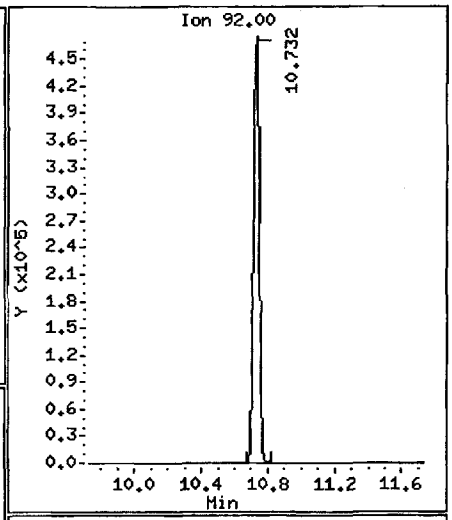
Concentration: 14 ppbv

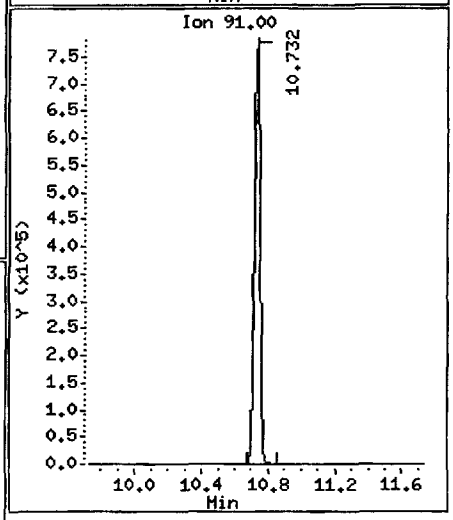












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

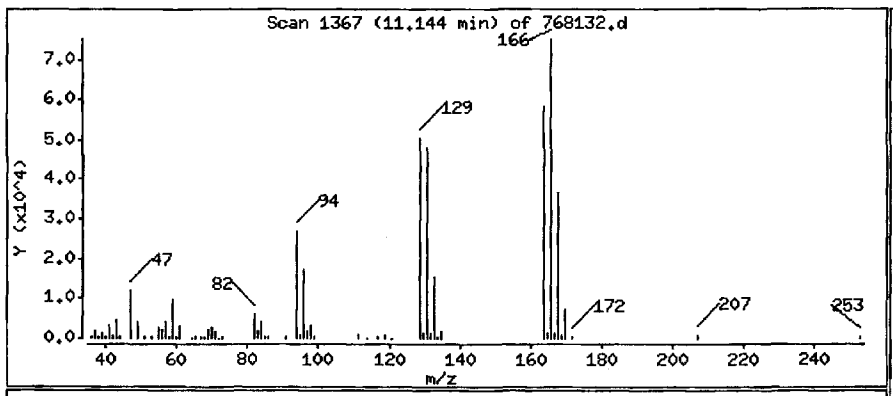
Operator: wrd

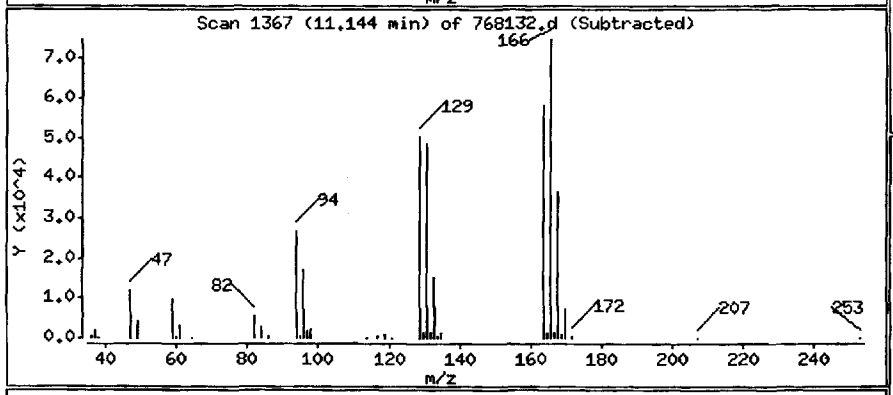
Column phase: RTX-624

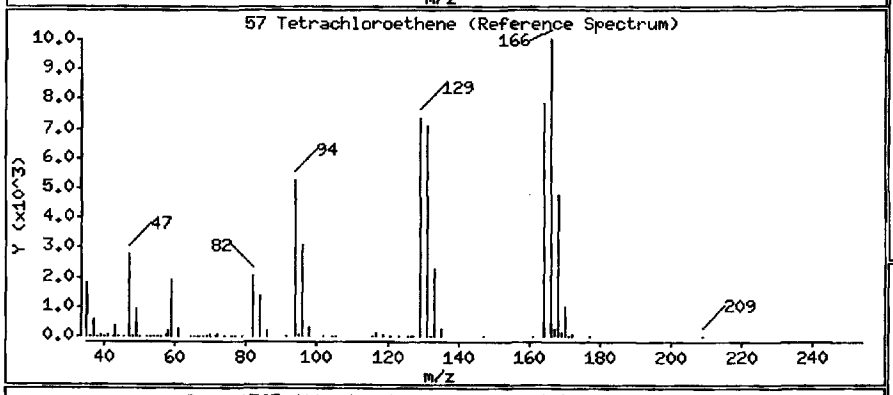
Column diameter: 0.32

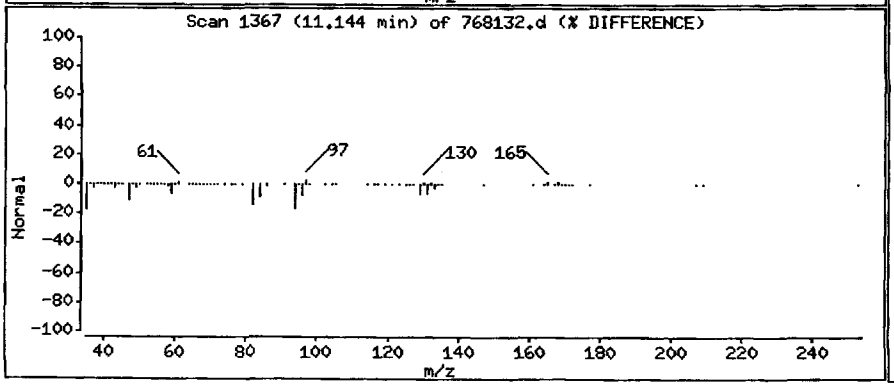
57 Tetrachloroethene

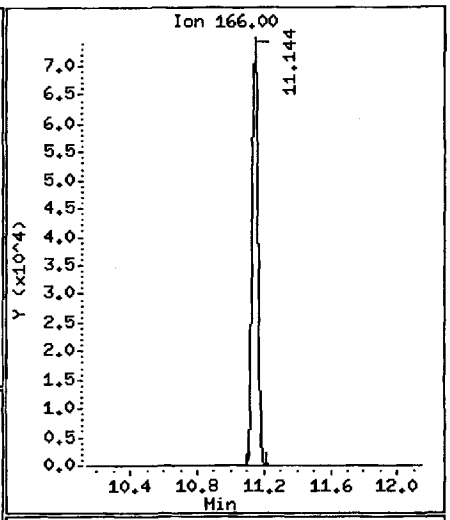
Concentration: 2.3 ppbv

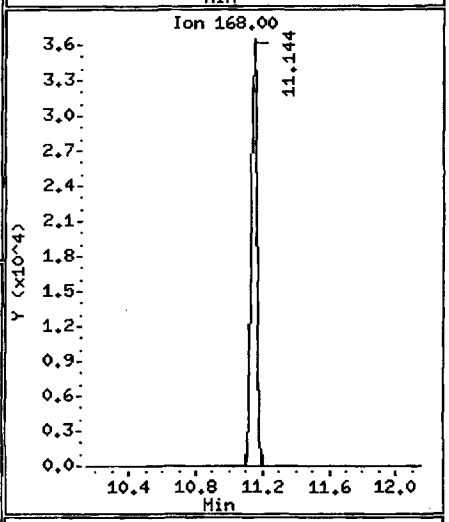


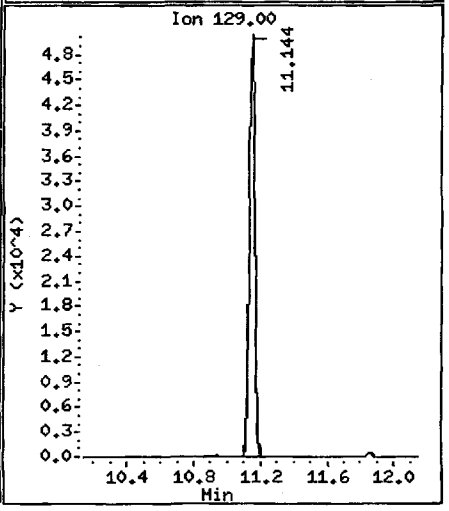












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

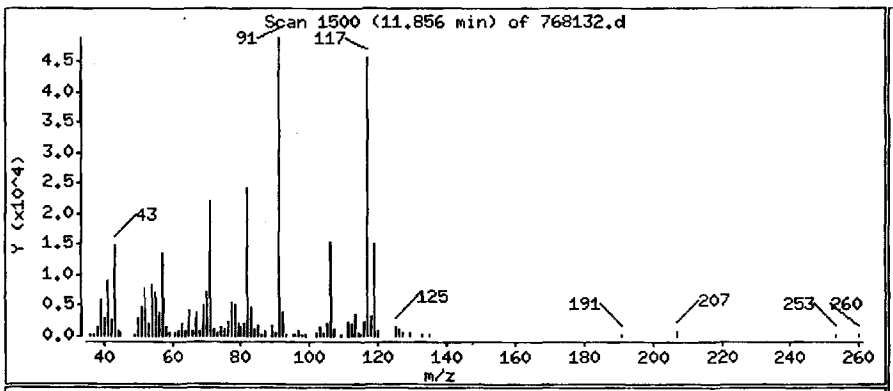
Operator: wrd

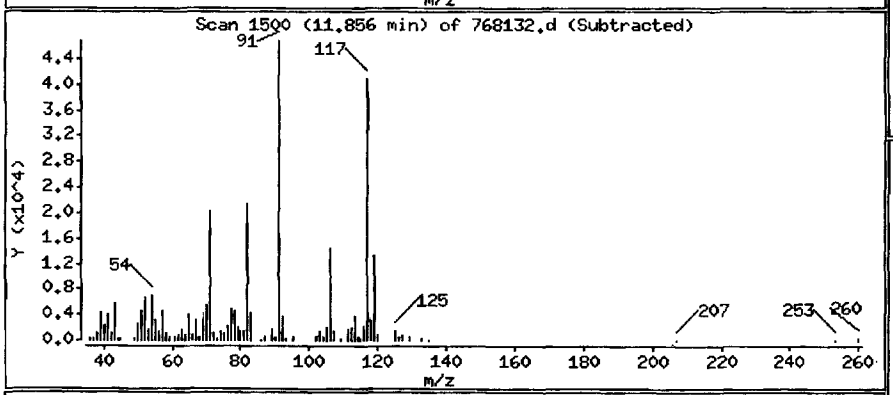
Column phase: RTX-624

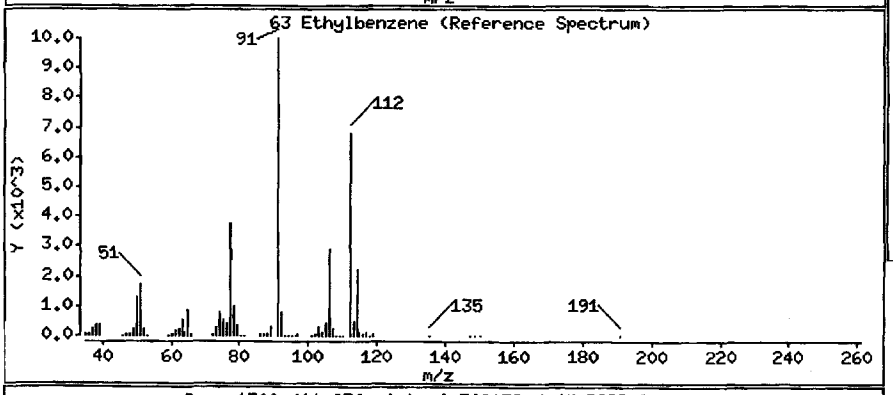
Column diameter: 0.32

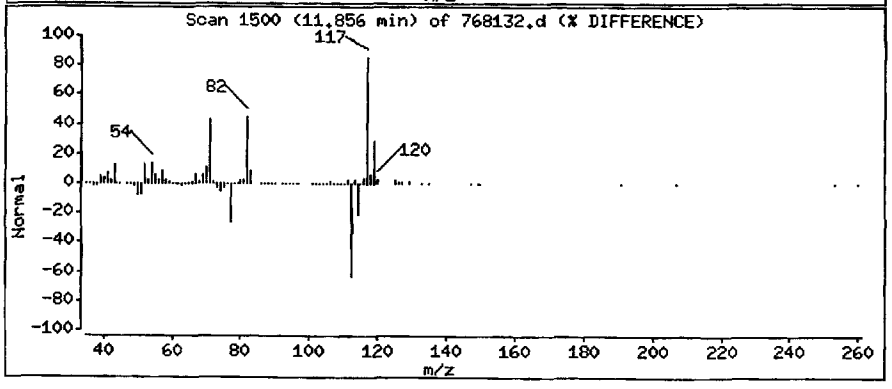
63 Ethylbenzene

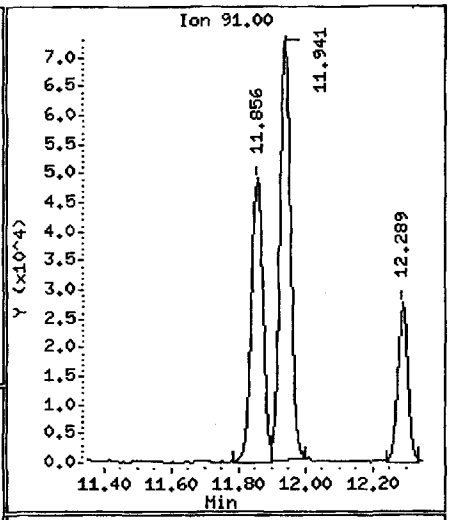
Concentration: 0.71 ppbv

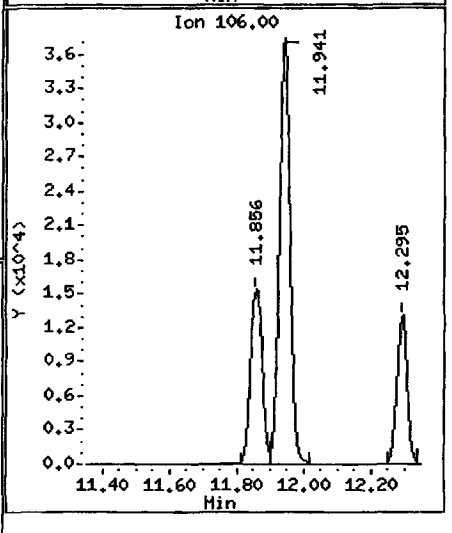












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

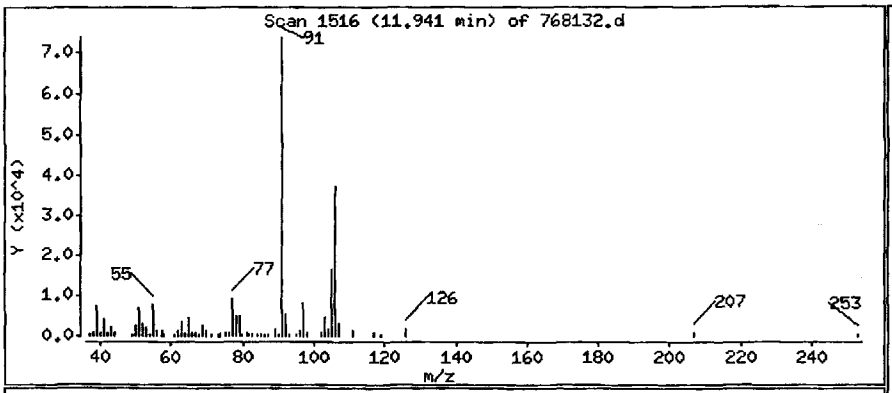
Operator: wrd

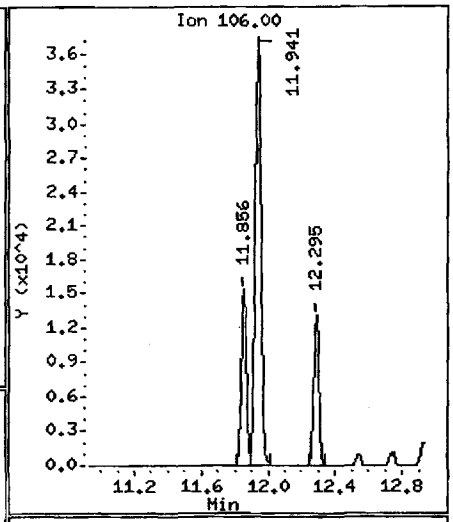
Column phase: RTX-624

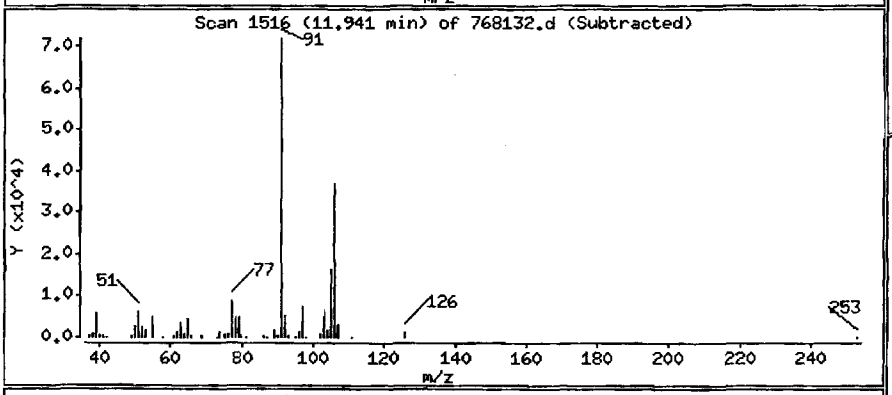
Column diameter: 0.32

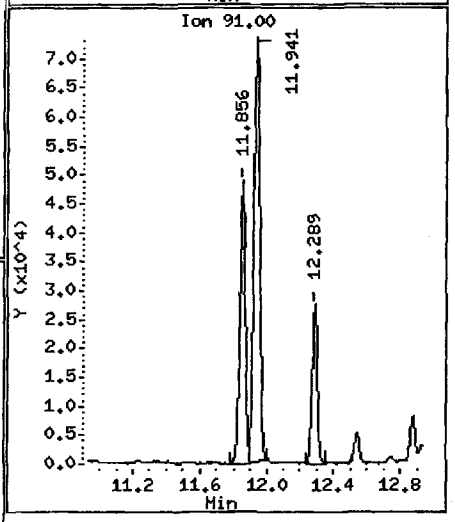
64 Xylene (m,p)

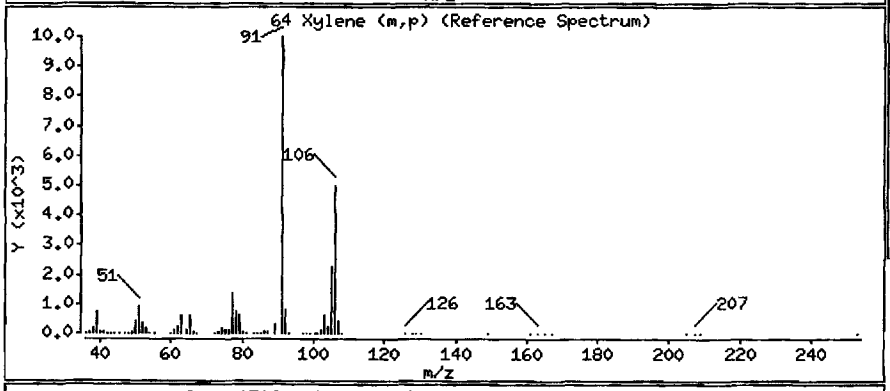
Concentration: 1.4 ppbv

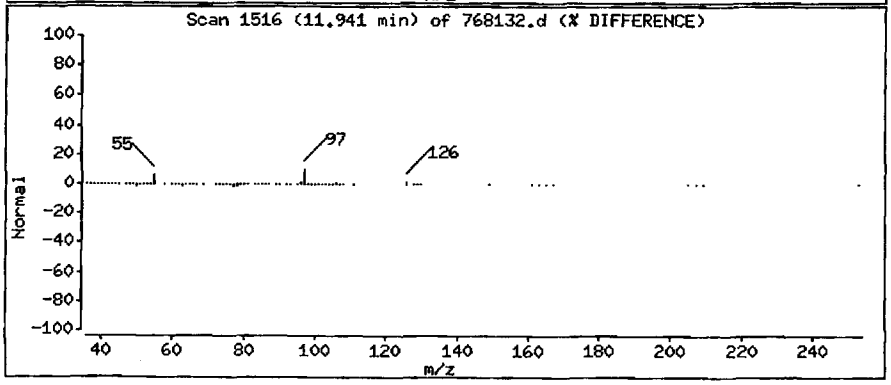












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

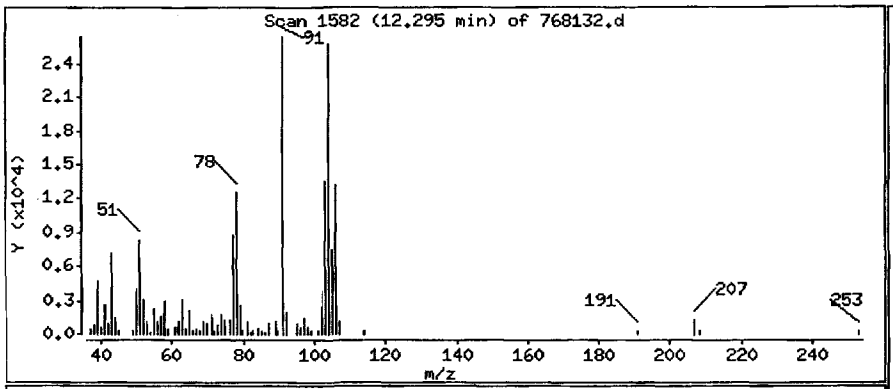
Operator: wrd

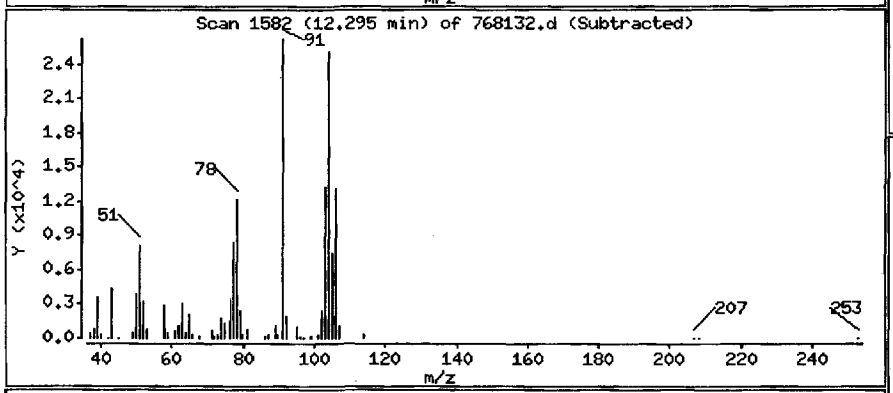
Column phase: RTX-624

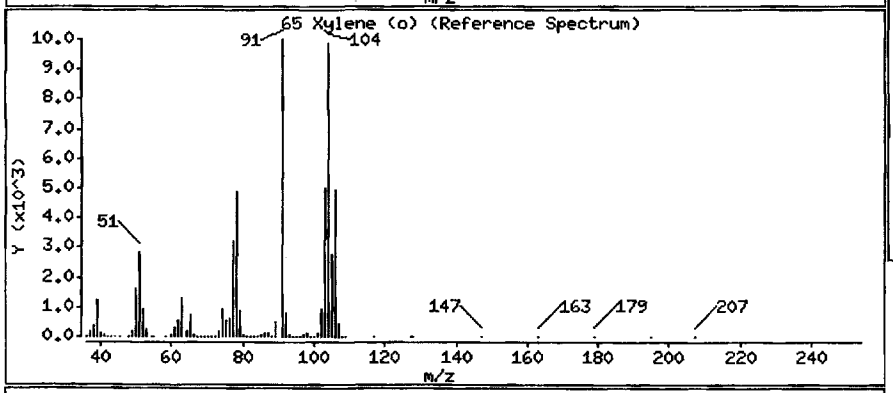
Column diameter: 0.32

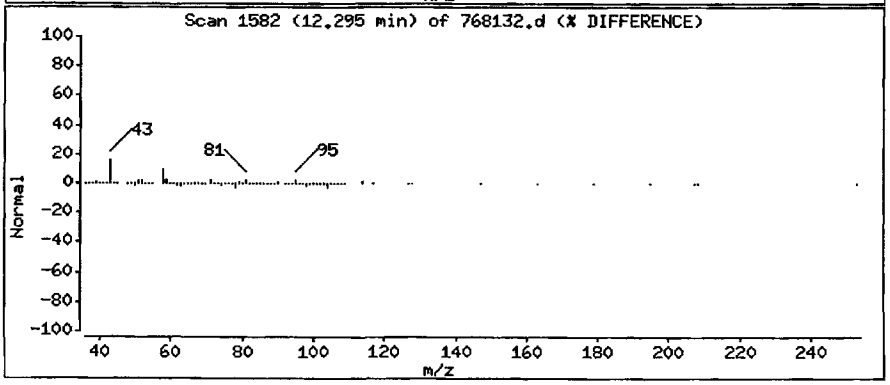
65 Xylene (o)

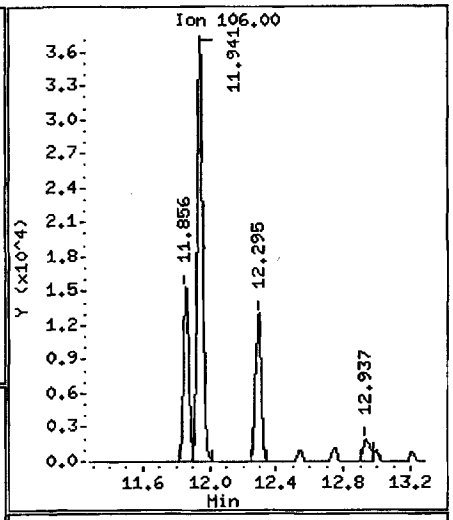
Concentration: 0.49 ppbv

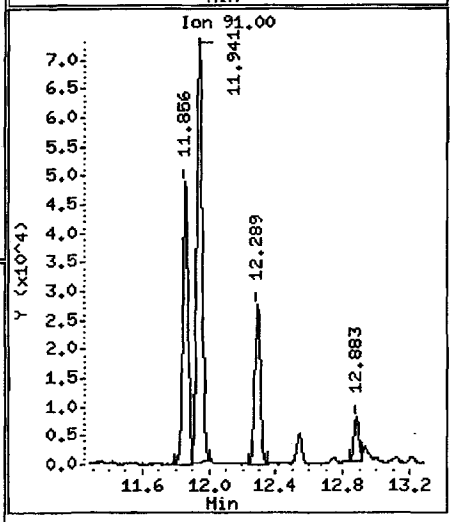












Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/768132.d

Date : 19-SEP-2008 17:51

Client ID: SS-2

Instrument: G.i

Sample Info: SS-2 :[ ]09/12/08 @1910(AIR)

Purge Volume: 200.0

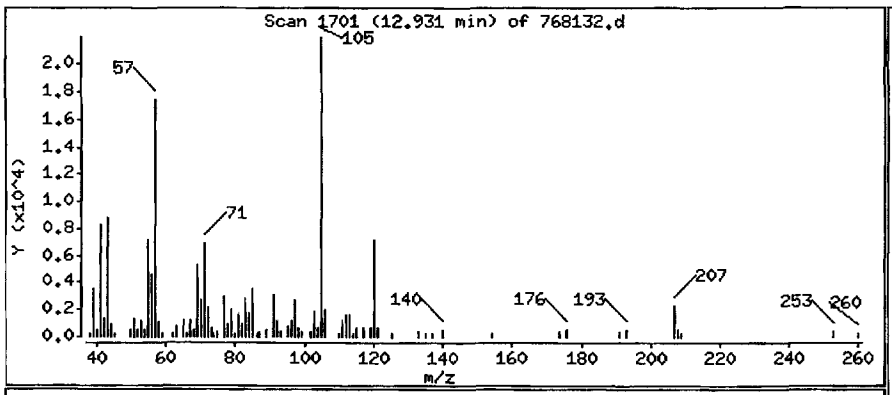
Operator: wrd

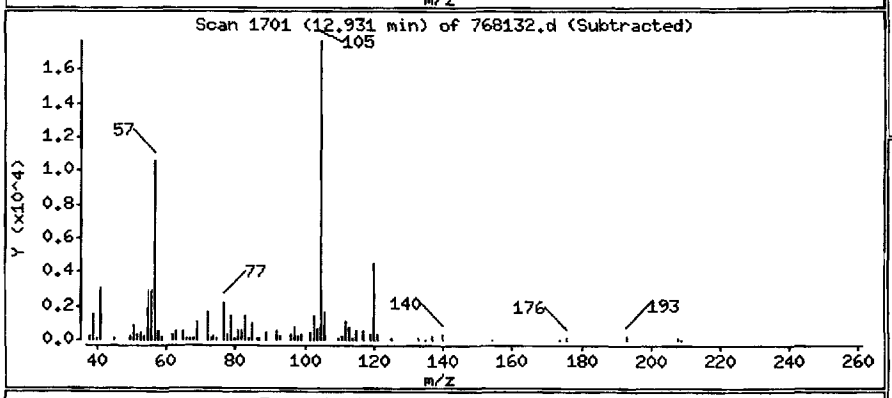
Column phase: RTX-624

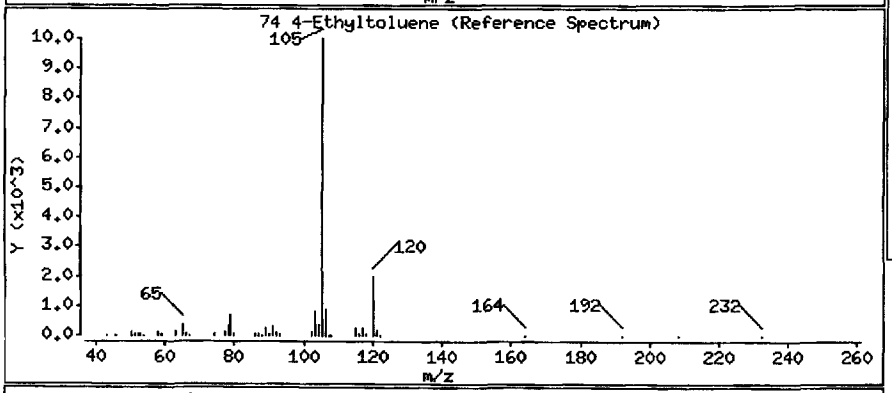
Column diameter: 0.32

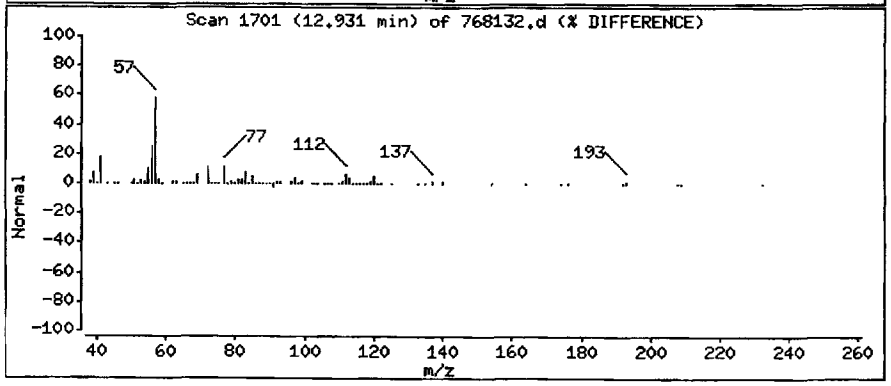
74 4-Ethyltoluene

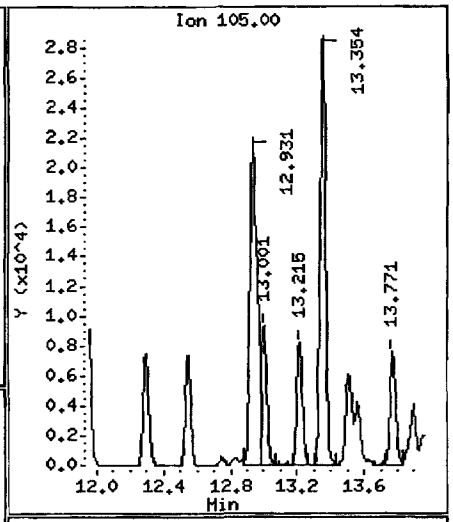
Concentration: 0.36 ppbv

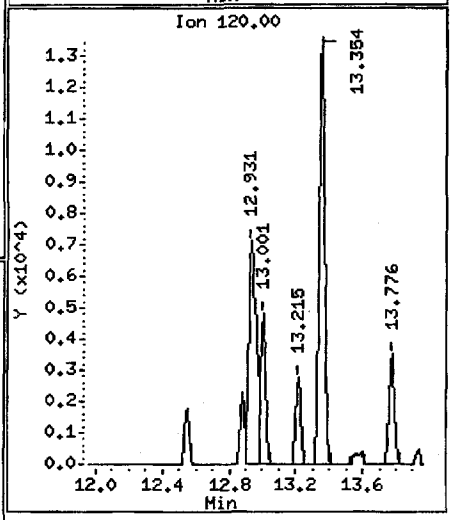












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6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Calibration Time(s): 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=GCP002V RRF0.5=GCP005V
RRF2 = RRF5 =GCP05V RRF10 =GCP10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD	
Dichlorodifluoromethane		3.637		3.335	2.936			
1,2-Dichlorotetrafluoroethan	3.469	3.662		3.421	3.192			
Vinyl Chloride	1.356	1.382		1.276	1.259			
1,3-Butadiene		0.997		0.964	0.959			
Bromomethane	1.218	1.256		1.139	1.133			
Chloroethane		0.712		0.653	0.634			
Bromoethene	1.206	1.240		1.160	1.155			
Trichlorofluoromethane	3.590	3.639		3.391	3.201			
1,1-Dichloroethene	1.166	1.168		1.088	1.072			
3-Chloropropene		1.960		1.814	1.792			
Methyl tert-Butyl Ether		3.464		2.570	3.110			
trans-1,2-Dichloroethene	2.039	2.069		1.926	1.859			
n-Hexane		2.228		2.104	2.057			
1,1-Dichloroethane	* 2.548	2.580		2.385	2.275			*
cis-1,2-Dichloroethene	1.319	1.364		1.284	1.277			
Chloroform	2.924	2.987		2.795	2.651			
1,1,1-Trichloroethane	0.625	0.632		0.619	0.571			
Cyclohexane	0.364	0.378		0.369	0.358			
Carbon Tetrachloride	0.653	0.677		0.668	0.619			
2,2,4-Trimethylpentane	1.413	1.442		1.400	1.337			
Benzene	0.850	0.880		0.823	0.796			
1,2-Dichloroethene (total)	1.679	1.717		1.605	1.568			
1,2-Dichloroethane	0.401	0.414		0.388	0.357			
n-Heptane	0.604	0.599		0.575	0.538			
Trichloroethene	0.380	0.380		0.384	0.360			
1,2-Dichloropropane	0.330	0.327		0.290	0.296			
Bromodichloromethane	0.588	0.621		0.624	0.598			
cis-1,3-Dichloropropene	0.480	0.477		0.436	0.458			
Toluene	0.628	0.654		0.588	0.588			
trans-1,3-Dichloropropene	0.472	0.474		0.434	0.461			
1,1,2-Trichloroethane	0.310	0.318		0.287	0.281			
Tetrachloroethene	0.602	0.625		0.624	0.576			
Dibromochloromethane	0.582	0.622		0.668	0.651			
1,2-Dibromoethane	0.531	0.548		0.534	0.537			
Ethylbenzene	1.504	1.447		1.255	1.280			
Xylene (m,p)	0.527	0.537		0.488	0.503			
Xylene (o)	0.520	0.534		0.478	0.489			

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Calibration Time(s): 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF0.2=GCP002V RRF0.5=GCP005V
RRF2 = RRF5 =GCP05V RRF10 =GCP10V

COMPOUND	RRF0.2	RRF0.5	RRF2	RRF5	RRF10	$\overline{RRF}$	% RSD
Bromoform	0.559	0.604		0.706	0.710		
1,1,2,2-Tetrachloroethane	0.784	0.795		0.707	0.728		
Xylene (total)	0.520	0.534		0.478	0.489		
4-Ethyltoluene	1.478	1.577		1.443	1.600		
1,3,5-Trimethylbenzene	1.303	1.241		1.056	1.209		

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

page 2 of 4

FORM VI VOA 3/90

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Calibration Time(s): 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =GCP15V RRF20 =GCP20V
RRF40 =GCP40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Dichlorodifluoromethane		2.480	2.448			2.967	17.6
1,2-Dichlorotetrafluoroethan		2.702	2.718			3.194	12.6
Vinyl Chloride		1.023	1.044			1.223	12.6
1,3-Butadiene		0.780	0.798			0.900	11.4
Bromomethane		1.035	1.027			1.135	8.2
Chloroethane		0.576	0.578			0.631	9.0
Bromoethene		1.072	1.111			1.157	5.3
Trichlorofluoromethane		2.745	2.812			3.230	11.9
1,1-Dichloroethene		1.003	1.052			1.092	6.0
3-Chloropropene		1.652	1.674			1.778	7.0
Methyl tert-Butyl Ether		2.745	2.936			2.965	11.6
trans-1,2-Dichloroethene		1.638	1.654			1.864	9.9
n-Hexane		1.842	1.862			2.019	8.1
1,1-Dichloroethane *		2.013	2.039			2.307	10.6*
cis-1,2-Dichloroethene		1.178	1.220			1.274	5.2
Chloroform		2.320	2.328			2.668	10.9
1,1,1-Trichloroethane		0.531	0.537			0.586	7.8
Cyclohexane		0.350	0.355			0.362	2.8
Carbon Tetrachloride		0.578	0.586			0.630	6.7
2,2,4-Trimethylpentane		1.260	1.240			1.349	6.2
Benzene		0.768	0.795			0.819	5.0
1,2-Dichloroethene (total)		1.408	1.437			1.569	8.0
1,2-Dichloroethane		0.318	0.314			0.365	11.7
n-Heptane		0.483	0.446			0.541	12.0
Trichloroethene		0.352	0.357			0.369	3.8
1,2-Dichloropropane		0.272	0.278			0.299	8.2
Bromodichloromethane		0.550	0.559			0.590	5.2
cis-1,3-Dichloropropene		0.429	0.442			0.454	4.7
Toluene		0.582	0.602			0.607	4.6
trans-1,3-Dichloropropene		0.435	0.449			0.454	3.9
1,1,2-Trichloroethane		0.277	0.284			0.293	5.8
Tetrachloroethene		0.578	0.582			0.598	3.8
Dibromochloromethane		0.642	0.655			0.637	4.8
1,2-Dibromoethane		0.530	0.548			0.538	1.5
Ethylbenzene		1.263	1.257			1.334	8.3
Xylene (m,p)		0.503	0.496			0.509	3.7
Xylene (o)		0.485	0.482			0.498	4.6

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

6A
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Calibration Time(s): 0804 1309

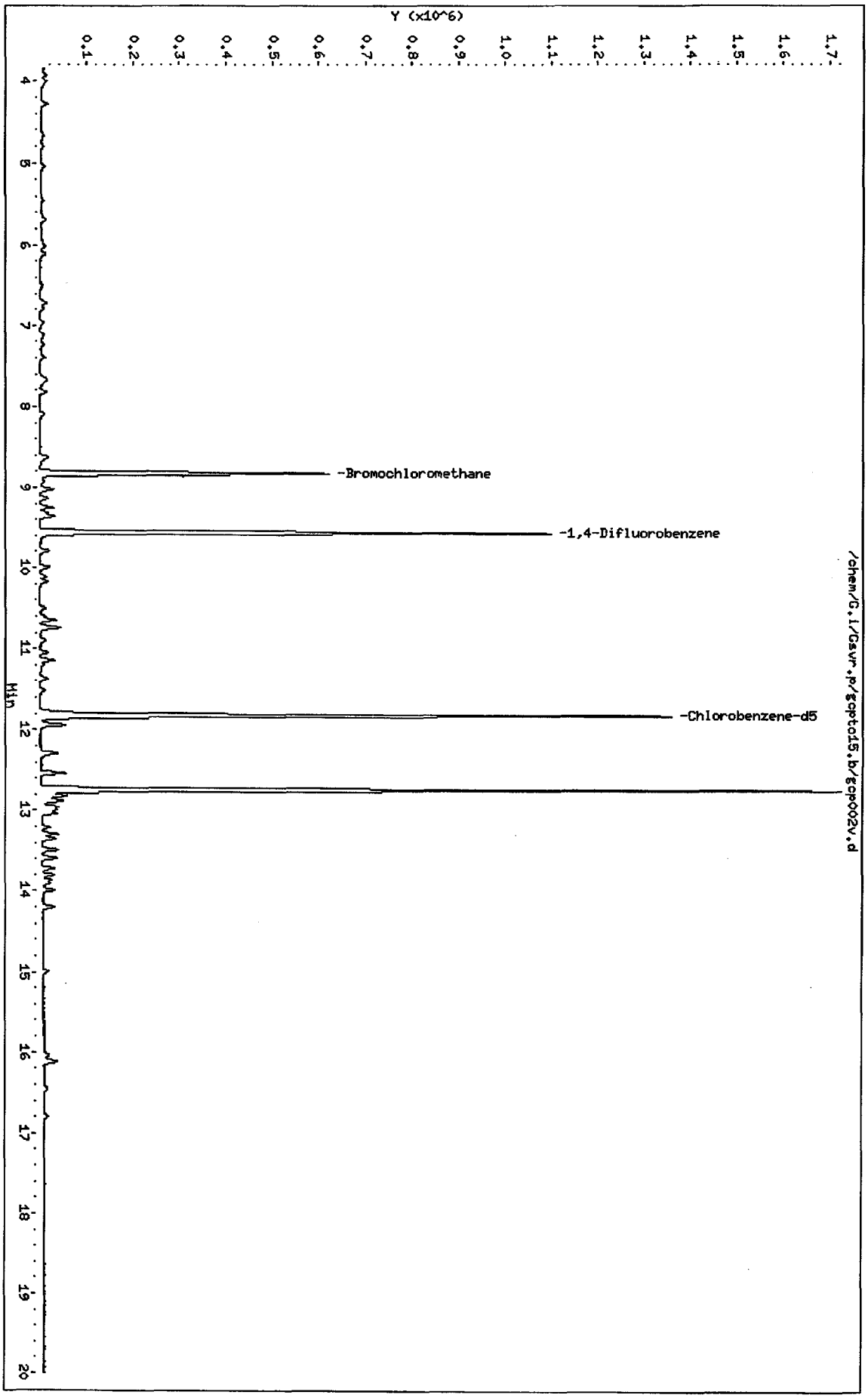
GC Column: RTX-624 ID: 0.32 (mm)

LAB FILE ID: RRF15 =GCP15V RRF20 =GCP20V
RRF40 =GCP40V

COMPOUND	RRF15	RRF20	RRF40			$\overline{RRF}$	% RSD
Bromoform		0.710	0.702			0.665	10.0
1,1,2,2-Tetrachloroethane		0.708	0.692			0.736	5.9
Xylene (total)		0.485	0.482			0.498	4.6
4-Ethyltoluene		1.486	1.602			1.531	4.6
1,3,5-Trimethylbenzene		1.287	1.267			1.227	7.4

* Compounds with required minimum RRF and maximim %RSD values.
All other compounds must meet a minimim RRF of 0.010.

FORM VI VOA 3/90


Data File: /chem/G.i/Gsvr.p/gcptoi5.b/gcp002v.d
Date : 09-SEP-2008 08:04
Client ID: ASTD0002
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624
Instrument: G.i
Operator: njr
Column diameter: 0.32
Page 4
Y (x10^6)
-Bromochloromethane
-1,4-Difluorobenzene
-Chlorobenzene-d5
/chem/G.i/Gsvr.p/gcptoi5.b/gcp002v.d
Min

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp002v.d Page 1
Report Date: 10-Sep-2008 11:20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpto15.b/gcp002v.d
Lab Smp Id: ASTD0002 Client Smp ID: ASTD0002
Inj Date : 09-SEP-2008 08:04
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD0002;090908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpto15.b/sto15.m
Meth Date : 10-Sep-2008 11:20 klp Quant Type: ISTD
Cal Date : 09-SEP-2008 08:04 Cal File: gcp002v.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.992	3.997	(0.452)	14957	0.20000	0.24(a)
2 Freon-22	51	Compound Not Detected.					
3 1,2-Dichlorotetrafluoroethane	85	4.286	4.281	(0.486)	14677	0.20000	0.22
4 Chloromethane	50	4.452	4.452	(0.505)	5607	0.20000	0.25(a)
5 n-Butane	43	4.671	4.666	(0.529)	10260	0.20000	0.24(a)
6 Vinyl Chloride	62	4.720	4.709	(0.535)	5737	0.20000	0.22
7 1,3-Butadiene	54	4.794	4.784	(0.543)	4057	0.20000	0.21(a)
9 Bromomethane	94	5.447	5.447	(0.617)	5154	0.20000	0.21
10 Chloroethane	64	5.629	5.629	(0.638)	2897	0.20000	0.22(a)
12 Bromoethene	106	5.961	5.950	(0.676)	5104	0.20000	0.21
13 Trichlorofluoromethane	101	6.019	6.014	(0.682)	15190	0.20000	0.22
17 Freon TF	101	6.710	6.715	(0.760)	10399	0.20000	0.22
18 1,1-Dichloroethene	96	6.790	6.790	(0.770)	4934	0.20000	0.21
19 Acetone	43	6.961	6.897	(0.789)	17461	0.20000	0.56(a)
20 Isopropyl Alcohol	45	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp002v.d
Report Date: 10-Sep-2008 11:20

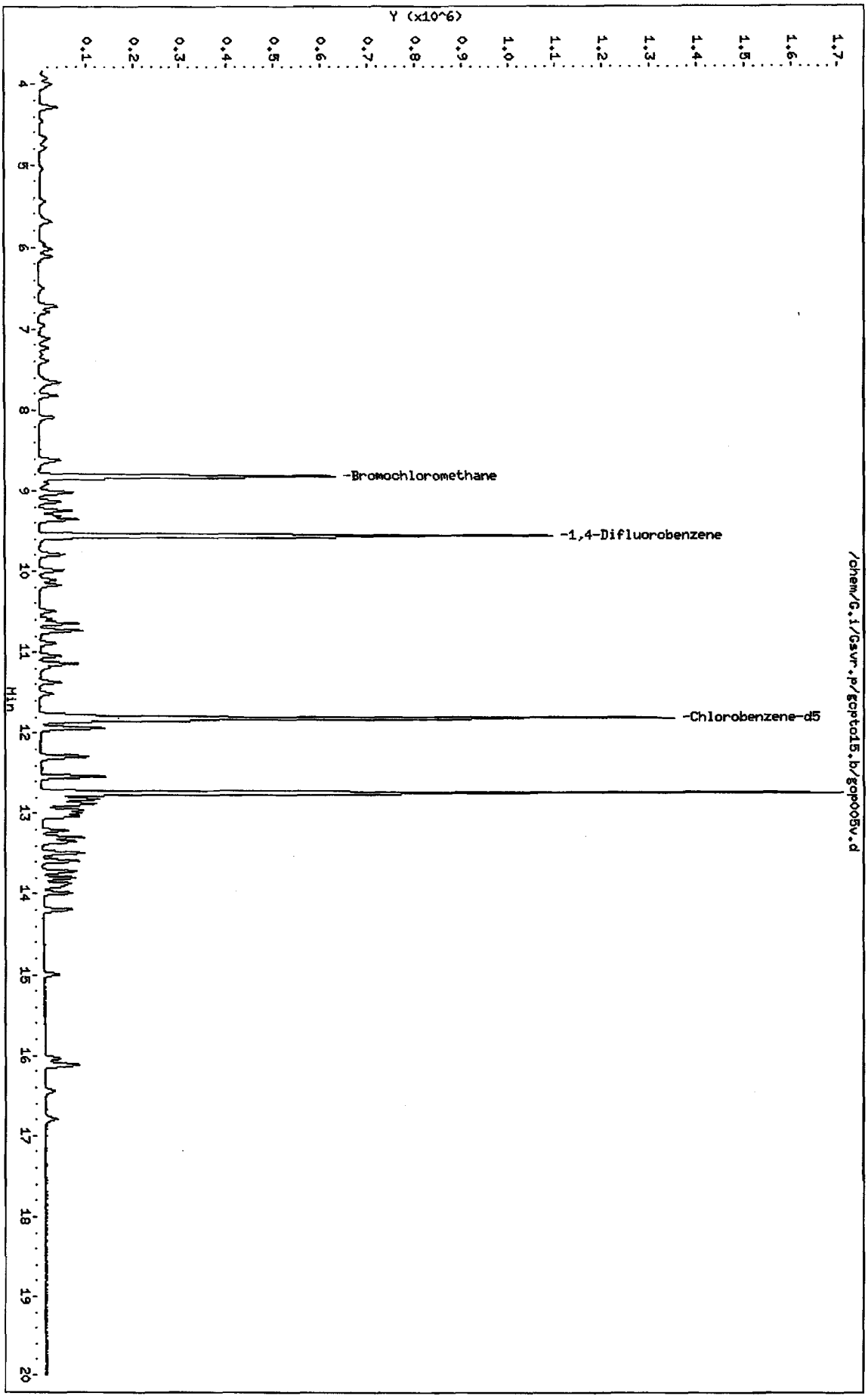
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	21 Carbon Disulfide	76	7.122	7.116	(0.807)	16257	0.20000	0.22(a)
	22 3-Chloropropene	41	7.239	7.229	(0.821)	7627	0.20000	0.20(a)
	24 Methylene Chloride	49	7.394	7.389	(0.838)	8494	0.20000	0.29(a)
	25 tert-Butyl Alcohol	59	7.635	7.496	(0.865)	7668	0.20000	0.23(aQ)
	26 Methyl tert-Butyl Ether	73	7.694	7.624	(0.872)	15505	0.20000	0.25(a)
	27 trans-1,2-Dichloroethene	61	7.651	7.646	(0.867)	8627	0.20000	0.22
	28 n-Hexane	57	7.822	7.822	(0.887)	9131	0.20000	0.21(a)
	29 1,1-Dichloroethane	63	8.090	8.085	(0.917)	10780	0.20000	0.22
	30 Methyl Ethyl Ketone	72	8.652	8.598	(0.981)	1866	0.20000	0.20(aQ)
	31 cis-1,2-Dichloroethene	96	8.619	8.609	(0.977)	5580	0.20000	0.21
*	32 Bromochloromethane	128	8.823	8.828	(1.000)	211537	10.0000	
	33 Tetrahydrofuran	42	8.924	8.866	(0.933)	6855	0.20000	0.26(a)
	34 Chloroform	83	8.844	8.844	(1.002)	12369	0.20000	0.22
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.943)	13350	0.20000	0.21
	36 Cyclohexane	84	9.031	9.037	(0.945)	7777	0.20000	0.20
	37 Carbon Tetrachloride	117	9.138	9.138	(0.956)	13940	0.20000	0.21
	38 2,2,4-Trimethylpentane	57	9.251	9.251	(0.968)	30173	0.20000	0.21
	39 Benzene	78	9.320	9.315	(0.975)	18153	0.20000	0.21
M	40 1,2-Dichloroethene (total)	61				14207	0.40000	0.43
	41 1,2-Dichloroethane	62	9.358	9.352	(0.979)	8566	0.20000	0.22
	42 n-Heptane	43	9.358	9.363	(0.979)	12895	0.20000	0.22
*	43 1,4-Difluorobenzene	114	9.561	9.566	(1.000)	1067341	10.0000	
	45 Trichloroethene	95	9.796	9.791	(1.025)	8106	0.20000	0.21
	46 Methyl Methacrylate	69	9.984	9.952	(1.044)	3947	0.20000	0.18(aQ)
	47 1,2-Dichloropropane	63	10.000	9.989	(1.046)	7052	0.20000	0.22(Q)
	48 1,4-Dioxane	88	Compound Not Detected.					
	50 Bromodichloromethane	83	10.176	10.171	(1.064)	12544	0.20000	0.20
	51 cis-1,3-Dichloropropene	75	10.497	10.492	(1.098)	10255	0.20000	0.21
	52 Methyl Isobutyl Ketone	43	10.599	10.556	(1.109)	8144	0.20000	0.17(a)
	54 Toluene	92	10.738	10.733	(0.909)	12768	0.20000	0.21
	55 trans-1,3-Dichloropropene	75	10.893	10.888	(1.139)	10082	0.20000	0.21
	56 1,1,2-Trichloroethane	83	11.048	11.043	(0.935)	6311	0.20000	0.21
	57 Tetrachloroethene	166	11.145	11.145	(0.943)	12240	0.20000	0.20
	58 Methyl Butyl Ketone	43	11.198	11.155	(0.947)	10622	0.20000	0.24(a)
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	11839	0.20000	0.18(a)
	60 1,2-Dibromoethane	107	11.514	11.503	(0.974)	10798	0.20000	0.20
*	61 Chlorobenzene-d5	117	11.819	11.819	(1.000)	1017084	10.0000	
	62 Chlorobenzene	112	11.840	11.845	(1.002)	18625	0.20000	0.22(Q)
	63 Ethylbenzene	91	11.856	11.851	(1.003)	30595	0.20000	0.23
	64 Xylene (m,p)	106	11.942	11.936	(1.010)	21446	0.40000	0.41(a)
	65 Xylene (o)	106	12.284	12.284	(1.039)	10576	0.20000	0.21
	66 Styrene	104	12.311	12.300	(1.042)	12740	0.20000	0.17(a)
	67 Bromoform	173	12.541	12.535	(1.061)	11366	0.20000	0.17(a)
	68 Cumene	105	12.541	12.541	(1.061)	30389	0.20000	0.21
	69 1,1,2,2-Tetrachloroethane	83	12.814	12.814	(1.084)	15951	0.20000	0.21
M	70 Xylene (total)	106				32022	0.20000	0.63
	72 n-Propylbenzene	91	12.878	12.873	(1.090)	35785	0.20000	0.21

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp002v.d
Report Date: 10-Sep-2008 11:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
74	4-Ethyltoluene	105	12.958	12.958	(1.096)	30056	0.20000	0.19(a)
75	1,3,5-Trimethylbenzene	105	12.995	12.996	(1.100)	26505	0.20000	0.21
76	2-Chlorotoluene	91	13.038	13.038	(1.103)	24575	0.20000	0.20
78	Tert-Butylbenzene	119	13.295	13.300	(1.125)	25361	0.20000	0.21
79	1,2,4-Trimethylbenzene	105	13.354	13.349	(1.130)	22571	0.20000	0.19(a)
80	Sec-Butylbenzene	105	13.493	13.493	(1.142)	34097	0.20000	0.20
81	4-Isopropyltoluene	119	13.589	13.589	(1.150)	27174	0.20000	0.20
82	1,3-Dichlorobenzene	146	13.723	13.718	(1.161)	18250	0.20000	0.20
83	1,4-Dichlorobenzene	146	13.803	13.803	(1.168)	18076	0.20000	0.20
86	Benzyl Chloride	91	13.910	13.900	(1.177)	17321	0.20000	0.17(a)
87	n-Butylbenzene	91	13.991	13.991	(1.184)	21249	0.20000	0.19(a)
88	1,2-Dichlorobenzene	146	14.199	14.194	(1.201)	17351	0.20000	0.20
90	1,2,4-Trichlorobenzene	180	16.045	16.034	(1.358)	8502	0.20000	0.15(a)
91	Hexachlorobutadiene	225	16.120	16.125	(1.364)	11673	0.20000	0.19(a)
92	Naphthalene	128	16.451	16.435	(1.392)	14916	0.20000	0.15(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.


Data File: /chem/G.i/Gsvr.p/gcptoi5.b/gcp005v.d
Date : 09-SEP-2008 08:55
Client ID: ASTD0005
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624
Instrument: G.i
Operator: njr
Column diameter: 0.32
Page 4
Y (x10^6)
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
4
5
6
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10
11
12
13
14
15
16
17
18
19
20
Min
-Bromochloromethane
-1,4-Difluorobenzene
-Chlorobenzene-d5
/chem/G.i/Gsvr.p/gcptoi5.b/gcp005v.d

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp005v.d Page 1
Report Date: 10-Sep-2008 11:20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpto15.b/gcp005v.d
Lab Smp Id: ASTD0005 Client Smp ID: ASTD0005
Inj Date : 09-SEP-2008 08:55
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD0005;090908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpto15.b/sto15.m
Meth Date : 10-Sep-2008 11:20 klp Quant Type: ISTD
Cal Date : 09-SEP-2008 08:55 Cal File: gcp005v.d
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.992	3.997	(0.452)	38636	0.50000	0.61
2 Freon-22	51	4.045	4.040	(0.459)	23933	0.50000	0.64
3 1,2-Dichlorotetrafluoroethane	85	4.281	4.281	(0.485)	38904	0.50000	0.57
4 Chloromethane	50	4.452	4.452	(0.505)	14051	0.50000	0.62
5 n-Butane	43	4.661	4.666	(0.528)	25674	0.50000	0.60
6 Vinyl Chloride	62	4.719	4.709	(0.535)	14688	0.50000	0.57
7 1,3-Butadiene	54	4.789	4.784	(0.543)	10597	0.50000	0.55
9 Bromomethane	94	5.452	5.447	(0.618)	13339	0.50000	0.55
10 Chloroethane	64	5.629	5.629	(0.638)	7570	0.50000	0.56
12 Bromoethene	106	5.955	5.950	(0.675)	13174	0.50000	0.54
13 Trichlorofluoromethane	101	6.019	6.014	(0.682)	38661	0.50000	0.56
17 Freon TF	101	6.720	6.715	(0.762)	26607	0.50000	0.55(Q)
18 1,1-Dichloroethene	96	6.795	6.790	(0.770)	12409	0.50000	0.53
19 Acetone	43	6.950	6.897	(0.788)	27165	0.50000	0.87(a)
20 Isopropyl Alcohol	45	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp005v.d
Report Date: 10-Sep-2008 11:20

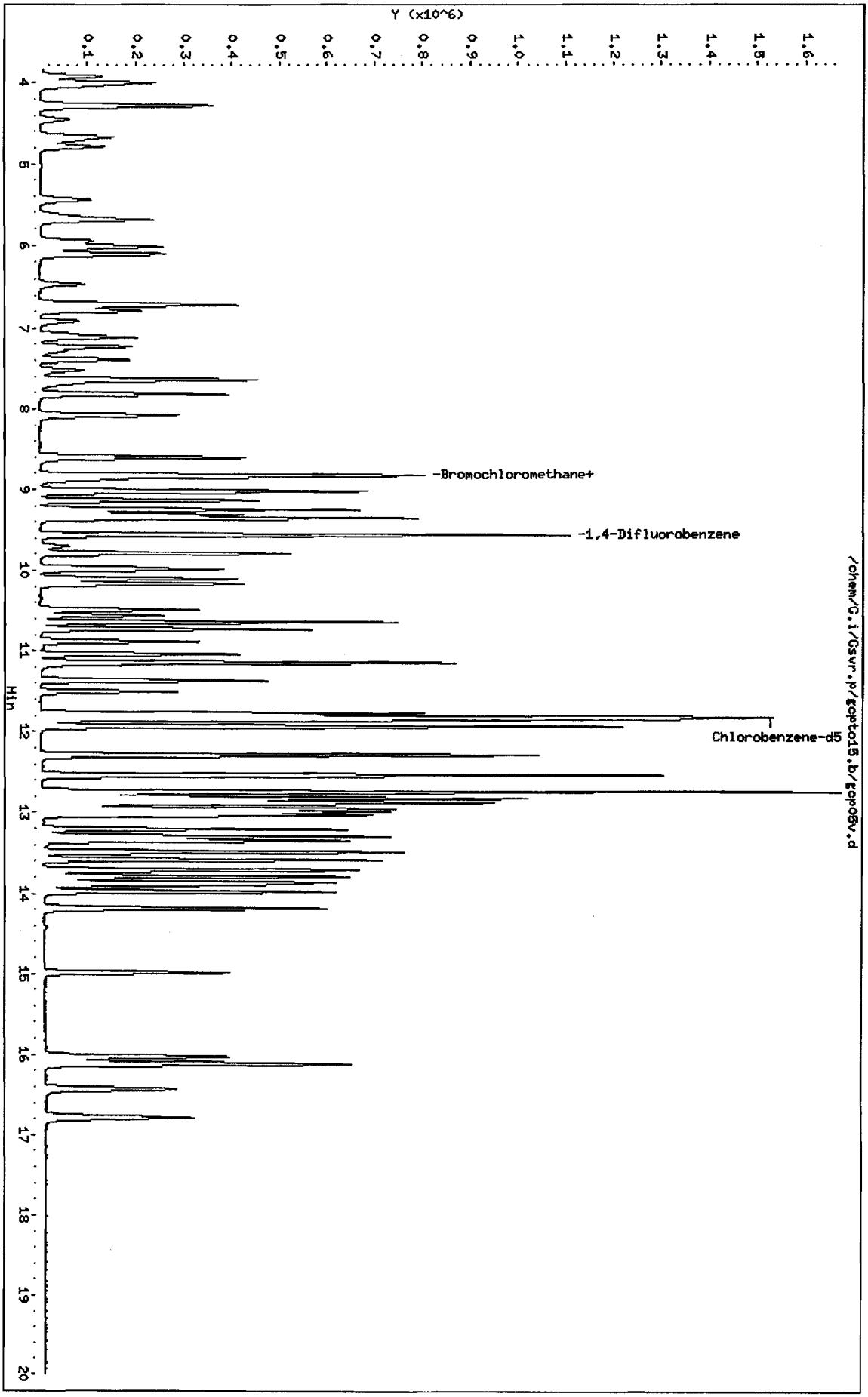
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	21 Carbon Disulfide	76	7.116	7.116	(0.807)	41169	0.50000	0.55
	22 3-Chloropropene	41	7.234	7.229	(0.820)	20822	0.50000	0.55
	24 Methylene Chloride	49	7.394	7.389	(0.838)	18525	0.50000	0.63
	25 tert-Butyl Alcohol	59	7.608	7.496	(0.862)	19299	0.50000	0.56(aQ)
	26 Methyl tert-Butyl Ether	73	7.678	7.624	(0.870)	36796	0.50000	0.58
	27 trans-1,2-Dichloroethene	61	7.656	7.646	(0.868)	21978	0.50000	0.55
	28 n-Hexane	57	7.822	7.822	(0.887)	23668	0.50000	0.55
	29 1,1-Dichloroethane	63	8.090	8.085	(0.917)	27415	0.50000	0.56
	30 Methyl Ethyl Ketone	72	8.641	8.598	(0.979)	4769	0.50000	0.51(Q)
	31 cis-1,2-Dichloroethene	96	8.614	8.609	(0.976)	14497	0.50000	0.54
*	32 Bromochloromethane	128	8.823	8.828	(1.000)	212474	10.0000	
	33 Tetrahydrofuran	42	8.914	8.866	(0.932)	16024	0.50000	0.60(a)
	34 Chloroform	83	8.844	8.844	(1.002)	31736	0.50000	0.56
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.943)	33440	0.50000	0.54
	36 Cyclohexane	84	9.026	9.037	(0.944)	20004	0.50000	0.52
	37 Carbon Tetrachloride	117	9.133	9.138	(0.955)	35803	0.50000	0.54
	38 2,2,4-Trimethylpentane	57	9.251	9.251	(0.968)	76311	0.50000	0.53
	39 Benzene	78	9.315	9.315	(0.974)	46539	0.50000	0.54
M	40 1,2-Dichloroethene (total)	61				36475	1.00000	1.1
	41 1,2-Dichloroethane	62	9.358	9.352	(0.979)	21908	0.50000	0.57
	42 n-Heptane	43	9.358	9.363	(0.979)	31717	0.50000	0.55
*	43 1,4-Difluorobenzene	114	9.561	9.566	(1.000)	1058157	10.0000	
	45 Trichloroethene	95	9.791	9.791	(1.024)	20085	0.50000	0.51
	46 Methyl Methacrylate	69	9.978	9.952	(1.044)	9791	0.50000	0.45(aQ)
	47 1,2-Dichloropropane	63	9.994	9.989	(1.045)	17323	0.50000	0.55(Q)
	48 1,4-Dioxane	88	Compound Not Detected.					
	50 Bromodichloromethane	83	10.171	10.171	(1.064)	32873	0.50000	0.53
	51 cis-1,3-Dichloropropene	75	10.492	10.492	(1.097)	25223	0.50000	0.53
	52 Methyl Isobutyl Ketone	43	10.588	10.556	(1.107)	23034	0.50000	0.50
	54 Toluene	92	10.732	10.733	(0.908)	32659	0.50000	0.54
	55 trans-1,3-Dichloropropene	75	10.893	10.888	(1.139)	25090	0.50000	0.52
	56 1,1,2-Trichloroethane	83	11.043	11.043	(0.934)	15893	0.50000	0.54
	57 Tetrachloroethene	166	11.144	11.145	(0.943)	31222	0.50000	0.52
	58 Methyl Butyl Ketone	43	11.187	11.155	(0.947)	24287	0.50000	0.55
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	31094	0.50000	0.49
	60 1,2-Dibromoethane	107	11.508	11.503	(0.974)	27399	0.50000	0.51
*	61 Chlorobenzene-d5	117	11.818	11.819	(1.000)	999473	10.0000	
	62 Chlorobenzene	112	11.845	11.845	(1.002)	45089	0.50000	0.53(Q)
	63 Ethylbenzene	91	11.856	11.851	(1.003)	72319	0.50000	0.54
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	53655	1.00000	1.1
	65 Xylene (o)	106	12.284	12.284	(1.039)	26661	0.50000	0.54
	66 Styrene	104	12.300	12.300	(1.041)	34072	0.50000	0.47
	67 Bromoform	173	12.541	12.535	(1.061)	30214	0.50000	0.45
	68 Cumene	105	12.541	12.541	(1.061)	76991	0.50000	0.54
	69 1,1,2,2-Tetrachloroethane	83	12.814	12.814	(1.084)	39723	0.50000	0.54
M	70 Xylene (total)	106				80316	0.50000	1.6
	72 n-Propylbenzene	91	12.872	12.873	(1.089)	90515	0.50000	0.53

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp005v.d
Report Date: 10-Sep-2008 11:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
74	4-Ethyltoluene	105	12.958	12.958	(1.096)	78824	0.50000	0.52
75	1,3,5-Trimethylbenzene	105	12.995	12.996	(1.100)	62033	0.50000	0.51
76	2-Chlorotoluene	91	13.038	13.038	(1.103)	64176	0.50000	0.53
78	Tert-Butylbenzene	119	13.295	13.300	(1.125)	60567	0.50000	0.51
79	1,2,4-Trimethylbenzene	105	13.348	13.349	(1.129)	55968	0.50000	0.49
80	Sec-Butylbenzene	105	13.493	13.493	(1.142)	85478	0.50000	0.51
81	4-Isopropyltoluene	119	13.589	13.589	(1.150)	65472	0.50000	0.49
82	1,3-Dichlorobenzene	146	13.723	13.718	(1.161)	44968	0.50000	0.50
83	1,4-Dichlorobenzene	146	13.803	13.803	(1.168)	44396	0.50000	0.49
86	Benzyl Chloride	91	13.905	13.900	(1.177)	46273	0.50000	0.47
87	n-Butylbenzene	91	13.990	13.991	(1.184)	50425	0.50000	0.45
88	1,2-Dichlorobenzene	146	14.199	14.194	(1.201)	43250	0.50000	0.51
90	1,2,4-Trichlorobenzene	180	16.039	16.034	(1.357)	21889	0.50000	0.40(a)
91	Hexachlorobutadiene	225	16.125	16.125	(1.364)	29250	0.50000	0.47
92	Naphthalene	128	16.446	16.435	(1.392)	34903	0.50000	0.36(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.


Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
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1.4
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18
19
20
Min
-Bromochloromethane+
-1,4-Difluorobenzene
Chlorobenzene-d5
/chem/G.i/Gsvr.p/gcpto15.b/gcp05v.d
Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp05v.d
Date : 09-SEP-2008 09:47
Client ID: ASTD005
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624
Instrument: G.i
Operator: njr
Column diameter: 0.32
Page 4

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp05v.d Page 1
Report Date: 10-Sep-2008 11:20

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpto15.b/gcp05v.d
Lab Smp Id: ASTD005 Client Smp ID: ASTD005
Inj Date : 09-SEP-2008 09:47
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD005;090908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpto15.b/sto15.m
Meth Date : 10-Sep-2008 11:20 klp Quant Type: ISTD
Cal Date : 09-SEP-2008 09:47 Cal File: gcp05v.d
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.997	3.997	(0.453)	363103	5.00000	5.6
2 Freon-22	51	4.040	4.040	(0.458)	212024	5.00000	5.5
3 1,2-Dichlorotetrafluoroethane	85	4.281	4.281	(0.485)	372433	5.00000	5.4
4 Chloromethane	50	4.452	4.452	(0.505)	124104	5.00000	5.4
5 n-Butane	43	4.671	4.666	(0.529)	238442	5.00000	5.5
6 Vinyl Chloride	62	4.714	4.709	(0.534)	138864	5.00000	5.2
7 1,3-Butadiene	54	4.789	4.784	(0.543)	104923	5.00000	5.4
9 Bromomethane	94	5.447	5.447	(0.617)	124012	5.00000	5.0
10 Chloroethane	64	5.634	5.629	(0.639)	71047	5.00000	5.2
12 Bromoethene	106	5.955	5.950	(0.675)	126260	5.00000	5.0
13 Trichlorofluoromethane	101	6.019	6.014	(0.682)	369193	5.00000	5.2
17 Freon TF	101	6.720	6.715	(0.762)	252750	5.00000	5.1
18 1,1-Dichloroethene	96	6.790	6.790	(0.770)	118469	5.00000	5.0
19 Acetone	43	6.913	6.897	(0.784)	156679	5.00000	4.9(a)
20 Isopropyl Alcohol	45	7.073	7.047	(0.802)	120161	5.00000	4.6(a)

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp05v.d
Report Date: 10-Sep-2008 11:20

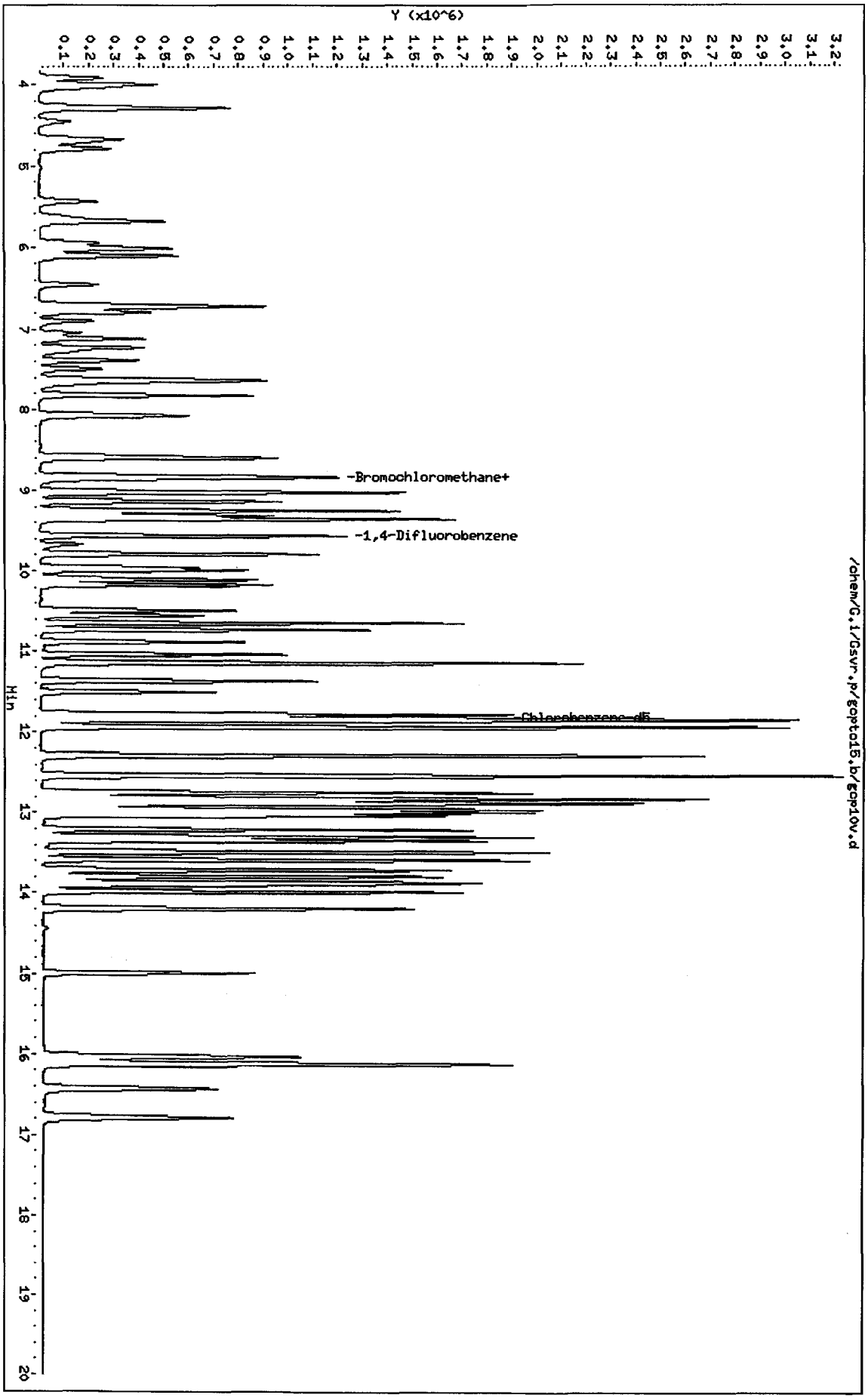
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	21 Carbon Disulfide	76	7.116	7.116	(0.807)	389850	5.00000	5.1
	22 3-Chloropropene	41	7.228	7.229	(0.819)	197524	5.00000	5.1
	24 Methylene Chloride	49	7.394	7.389	(0.838)	159263	5.00000	5.2
	25 tert-Butyl Alcohol	59	7.523	7.496	(0.853)	165400	5.00000	4.7(a)
	26 Methyl tert-Butyl Ether	73	7.640	7.624	(0.866)	279792	5.00000	4.3
	27 trans-1,2-Dichloroethene	61	7.646	7.646	(0.867)	209722	5.00000	5.2
	28 n-Hexane	57	7.822	7.822	(0.887)	229062	5.00000	5.2
	29 1,1-Dichloroethane	63	8.090	8.085	(0.917)	259617	5.00000	5.2
	30 Methyl Ethyl Ketone	72	8.614	8.598	(0.976)	40299	5.00000	4.2(Q)
	31 cis-1,2-Dichloroethene	96	8.614	8.609	(0.976)	139803	5.00000	5.0
*	32 Bromochloromethane	128	8.823	8.828	(1.000)	217729	10.0000	
	33 Tetrahydrofuran	42	8.881	8.866	(0.929)	118240	5.00000	4.4(a)
	34 Chloroform	83	8.844	8.844	(1.002)	304255	5.00000	5.2
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.943)	328567	5.00000	5.3
	36 Cyclohexane	84	9.037	9.037	(0.945)	195833	5.00000	5.1
	37 Carbon Tetrachloride	117	9.138	9.138	(0.956)	354948	5.00000	5.3
	38 2,2,4-Trimethylpentane	57	9.251	9.251	(0.968)	743436	5.00000	5.2
	39 Benzene	78	9.315	9.315	(0.974)	437149	5.00000	5.0
M	40 1,2-Dichloroethene (total)	61				349525	10.0000	10
	41 1,2-Dichloroethane	62	9.352	9.352	(0.978)	205754	5.00000	5.3
	42 n-Heptane	43	9.358	9.363	(0.979)	305202	5.00000	5.3
*	43 1,4-Difluorobenzene	114	9.561	9.566	(1.000)	1061805	10.0000	
	45 Trichloroethene	95	9.791	9.791	(1.024)	203773	5.00000	5.2
	46 Methyl Methacrylate	69	9.957	9.952	(1.041)	86799	5.00000	4.0(Q)
	47 1,2-Dichloropropane	63	9.989	9.989	(1.045)	154207	5.00000	4.9(Q)
	48 1,4-Dioxane	88	10.101	10.080	(1.056)	39355	5.00000	4.4(a)
	50 Bromodichloromethane	83	10.171	10.171	(1.064)	331245	5.00000	5.3
	51 cis-1,3-Dichloropropene	75	10.492	10.492	(1.097)	231659	5.00000	4.8
	52 Methyl Isobutyl Ketone	43	10.561	10.556	(1.105)	224850	5.00000	4.8
	54 Toluene	92	10.732	10.733	(0.908)	285167	5.00000	4.8
	55 trans-1,3-Dichloropropene	75	10.882	10.888	(1.138)	230401	5.00000	4.8
	56 1,1,2-Trichloroethane	83	11.043	11.043	(0.934)	139156	5.00000	4.9
	57 Tetrachloroethene	166	11.144	11.145	(0.943)	302730	5.00000	5.2
	58 Methyl Butyl Ketone	43	11.166	11.155	(0.945)	221435	5.00000	5.2
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	324110	5.00000	5.2
	60 1,2-Dibromoethane	107	11.508	11.503	(0.974)	259307	5.00000	5.0
*	61 Chlorobenzene-d5	117	11.818	11.819	(1.000)	970762	10.0000	
	62 Chlorobenzene	112	11.845	11.845	(1.002)	405890	5.00000	4.9
	63 Ethylbenzene	91	11.851	11.851	(1.003)	609008	5.00000	4.7
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	473967	10.0000	9.6
	65 Xylene (o)	106	12.284	12.284	(1.039)	232010	5.00000	4.8
	66 Styrene	104	12.300	12.300	(1.041)	351899	5.00000	5.0
	67 Bromoform	173	12.535	12.535	(1.061)	342688	5.00000	5.3
	68 Cumene	105	12.541	12.541	(1.061)	680325	5.00000	4.9
	69 1,1,2,2-Tetrachloroethane	83	12.808	12.814	(1.084)	343041	5.00000	4.8
M	70 Xylene (total)	106				705977	5.00000	15
	72 n-Propylbenzene	91	12.872	12.873	(1.089)	780292	5.00000	4.7

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp05v.d
Report Date: 10-Sep-2008 11:20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
74	4-Ethyltoluene	105	12.958	12.958	(1.096)	700459	5.00000	4.7
75	1,3,5-Trimethylbenzene	105	12.995	12.996	(1.100)	512484	5.00000	4.3
76	2-Chlorotoluene	91	13.033	13.038	(1.103)	580869	5.00000	5.0
78	Tert-Butylbenzene	119	13.300	13.300	(1.125)	513594	5.00000	4.5
79	1,2,4-Trimethylbenzene	105	13.348	13.349	(1.129)	504834	5.00000	4.5
80	Sec-Butylbenzene	105	13.493	13.493	(1.142)	737485	5.00000	4.6
81	4-Isopropyltoluene	119	13.589	13.589	(1.150)	588054	5.00000	4.5
82	1,3-Dichlorobenzene	146	13.718	13.718	(1.161)	425385	5.00000	4.8
83	1,4-Dichlorobenzene	146	13.803	13.803	(1.168)	420977	5.00000	4.8
86	Benzyl Chloride	91	13.899	13.900	(1.176)	441428	5.00000	4.6
87	n-Butylbenzene	91	13.985	13.991	(1.183)	499194	5.00000	4.6
88	1,2-Dichlorobenzene	146	14.194	14.194	(1.201)	400022	5.00000	4.8
90	1,2,4-Trichlorobenzene	180	16.034	16.034	(1.357)	246238	5.00000	4.6
91	Hexachlorobutadiene	225	16.120	16.125	(1.364)	262443	5.00000	4.4
92	Naphthalene	128	16.435	16.435	(1.391)	445857	5.00000	4.8

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.



Data File: /chem/G.i/Gsvr.p/gopto15.b/gop10v.d
Date : 09-SEP-2008 10:38
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp10v.d Page 1
Report Date: 10-Sep-2008 11:21

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpto15.b/gcp10v.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 09-SEP-2008 10:38
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD010;090908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpto15.b/sto15.m
Meth Date : 10-Sep-2008 11:21 klp Quant Type: ISTD
Cal Date : 09-SEP-2008 10:38 Cal File: gcp10v.d
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

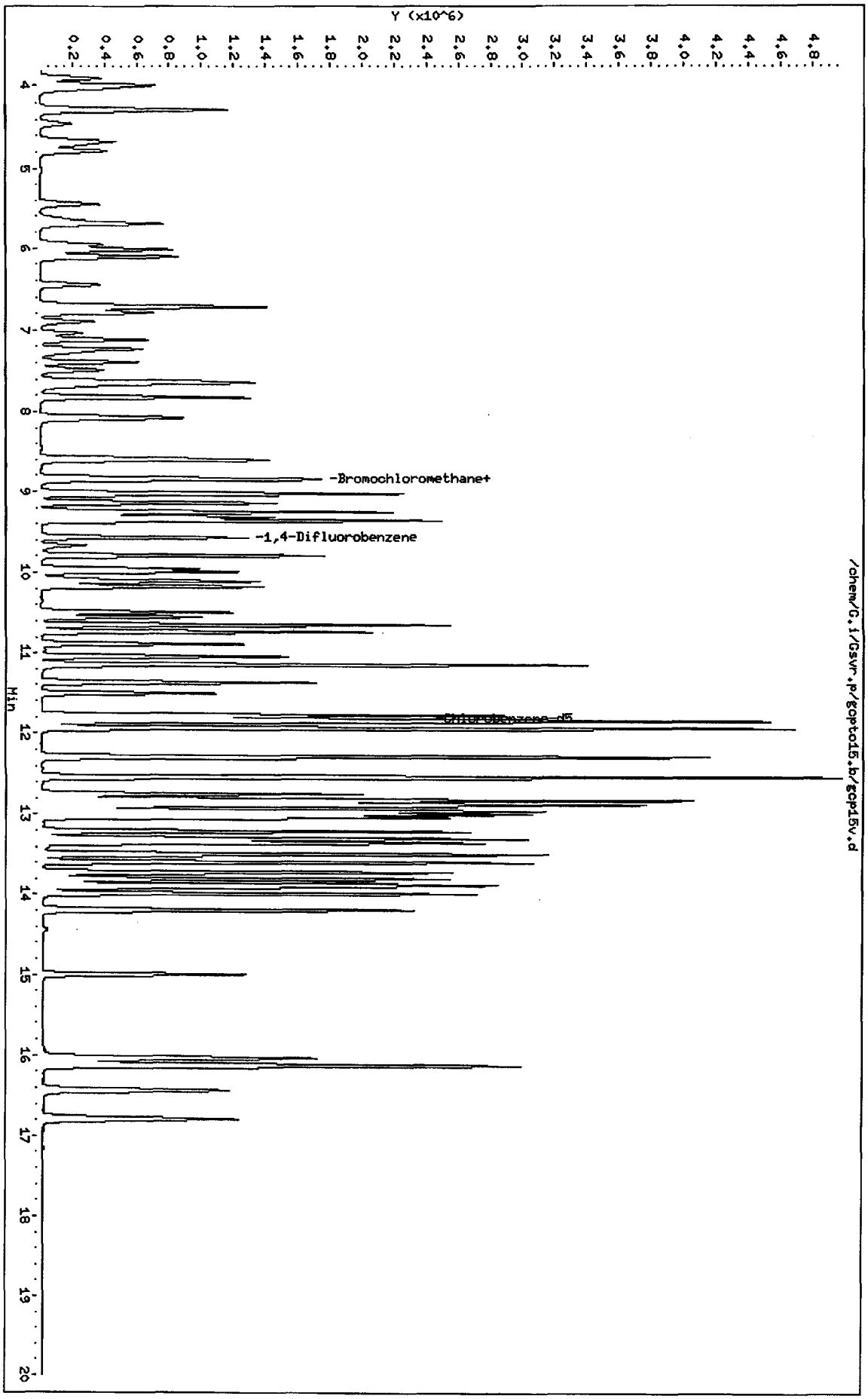
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Dichlorodifluoromethane	85	3.997	3.997	(0.453)	718197	10.0000	9.9
2	Freon-22	51	4.040	4.040	(0.458)	432364	10.0000	10
3	1,2-Dichlorotetrafluoroethane	85	4.281	4.281	(0.485)	780721	10.0000	10
4	Chloromethane	50	4.452	4.452	(0.504)	257442	10.0000	9.9
5	n-Butane	43	4.666	4.666	(0.529)	524018	10.0000	11
6	Vinyl Chloride	62	4.709	4.709	(0.533)	307884	10.0000	10
7	1,3-Butadiene	54	4.784	4.784	(0.542)	234601	10.0000	11
9	Bromomethane	94	5.447	5.447	(0.617)	277080	10.0000	10
10	Chloroethane	64	5.629	5.629	(0.638)	155034	10.0000	10
12	Bromoethene	106	5.950	5.950	(0.674)	282614	10.0000	10
13	Trichlorofluoromethane	101	6.014	6.014	(0.681)	783078	10.0000	9.9
17	Freon TF	101	6.715	6.715	(0.761)	549915	10.0000	9.8
18	1,1-Dichloroethene	96	6.790	6.790	(0.769)	262321	10.0000	9.8
19	Acetone	43	6.897	6.897	(0.781)	402832	10.0000	11
20	Isopropyl Alcohol	45	7.047	7.047	(0.798)	324244	10.0000	11

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp10v.d
Report Date: 10-Sep-2008 11:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	21 Carbon Disulfide	76	7.116	7.116	(0.806)	858738	10.0000	10
	22 3-Chloropropene	41	7.229	7.229	(0.819)	438384	10.0000	10
	24 Methylene Chloride	49	7.389	7.389	(0.837)	335987	10.0000	9.8
	25 tert-Butyl Alcohol	59	7.496	7.496	(0.849)	427657	10.0000	11
	26 Methyl tert-Butyl Ether	73	7.624	7.624	(0.864)	760794	10.0000	10
	27 trans-1,2-Dichloroethene	61	7.646	7.646	(0.866)	454745	10.0000	10
	28 n-Hexane	57	7.822	7.822	(0.886)	503259	10.0000	10
	29 1,1-Dichloroethane	63	8.085	8.085	(0.916)	556502	10.0000	9.9
	30 Methyl Ethyl Ketone	72	8.598	8.598	(0.974)	115925	10.0000	11
	31 cis-1,2-Dichloroethene	96	8.609	8.609	(0.975)	312388	10.0000	10
*	32 Bromochloromethane	128	8.828	8.828	(1.000)	244603	10.0000	
	33 Tetrahydrofuran	42	8.866	8.866	(0.927)	333575	10.0000	11
	34 Chloroform	83	8.844	8.844	(1.002)	648376	10.0000	9.9
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.942)	694831	10.0000	9.8
	36 Cyclohexane	84	9.037	9.037	(0.945)	434840	10.0000	9.9
	37 Carbon Tetrachloride	117	9.138	9.138	(0.955)	752457	10.0000	9.8
	38 2,2,4-Trimethylpentane	57	9.251	9.251	(0.967)	1626486	10.0000	9.9
	39 Benzene	78	9.315	9.315	(0.974)	968113	10.0000	9.7
M	40 1,2-Dichloroethene (total)	61				767133	20.0000	20
	41 1,2-Dichloroethane	62	9.352	9.352	(0.978)	434389	10.0000	9.8
	42 n-Heptane	43	9.363	9.363	(0.979)	654466	10.0000	9.9
*	43 1,4-Difluorobenzene	114	9.566	9.566	(1.000)	1216271	10.0000	
	45 Trichloroethene	95	9.791	9.791	(1.023)	437263	10.0000	9.8
	46 Methyl Methacrylate	69	9.952	9.952	(1.040)	264908	10.0000	11
	47 1,2-Dichloropropane	63	9.989	9.989	(1.044)	360062	10.0000	9.9
	48 1,4-Dioxane	88	10.080	10.080	(1.054)	106118	10.0000	10
	50 Bromodichloromethane	83	10.171	10.171	(1.063)	727610	10.0000	10
	51 cis-1,3-Dichloropropene	75	10.492	10.492	(1.097)	556501	10.0000	10
	52 Methyl Isobutyl Ketone	43	10.556	10.556	(1.103)	554221	10.0000	10
	54 Toluene	92	10.733	10.733	(0.908)	697120	10.0000	9.7
	55 trans-1,3-Dichloropropene	75	10.888	10.888	(1.138)	560532	10.0000	10
	56 1,1,2-Trichloroethane	83	11.043	11.043	(0.934)	333588	10.0000	9.6
	57 Tetrachloroethene	166	11.145	11.145	(0.943)	683245	10.0000	9.6
	58 Methyl Butyl Ketone	43	11.155	11.155	(0.944)	535984	10.0000	10
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	772222	10.0000	10
	60 1,2-Dibromoethane	107	11.503	11.503	(0.973)	636545	10.0000	10
*	61 Chlorobenzene-d5	117	11.819	11.819	(1.000)	1185728	10.0000	
	62 Chlorobenzene	112	11.845	11.845	(1.002)	978888	10.0000	9.7
	63 Ethylbenzene	91	11.851	11.851	(1.003)	1518317	10.0000	9.6
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	1192693	20.0000	20
	65 Xylene (o)	106	12.284	12.284	(1.039)	579561	10.0000	9.8
	66 Styrene	104	12.300	12.300	(1.041)	914009	10.0000	11
	67 Bromoform	173	12.535	12.535	(1.061)	841945	10.0000	11
	68 Cumene	105	12.541	12.541	(1.061)	1717171	10.0000	10
	69 1,1,2,2-Tetrachloroethane	83	12.814	12.814	(1.084)	862913	10.0000	9.9
M	70 Xylene (total)	106				1772254	10.0000	30
	72 n-Propylbenzene	91	12.873	12.873	(1.089)	2026515	10.0000	10

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp10v.d
Report Date: 10-Sep-2008 11:21

						AMOUNTS	
	QUANT SIG					CAL-AMT	ON-COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ppbv)	(ppbv)
74 4-Ethyltoluene	105	12.958	12.958	(1.096)	1897580	10.0000	10
75 1,3,5-Trimethylbenzene	105	12.996	12.996	(1.100)	1433968	10.0000	9.9
76 2-Chlorotoluene	91	13.038	13.038	(1.103)	1394250	10.0000	9.8
78 Tert-Butylbenzene	119	13.300	13.300	(1.125)	1401950	10.0000	10
79 1,2,4-Trimethylbenzene	105	13.349	13.349	(1.129)	1409660	10.0000	10
80 Sec-Butylbenzene	105	13.493	13.493	(1.142)	2022820	10.0000	10
81 4-Isopropyltoluene	119	13.589	13.589	(1.150)	1647484	10.0000	10
82 1,3-Dichlorobenzene	146	13.718	13.718	(1.161)	1064120	10.0000	9.9
83 1,4-Dichlorobenzene	146	13.803	13.803	(1.168)	1056520	10.0000	9.9
86 Benzyl Chloride	91	13.900	13.900	(1.176)	1242150	10.0000	11
87 n-Butylbenzene	91	13.991	13.991	(1.184)	1403143	10.0000	11
88 1,2-Dichlorobenzene	146	14.194	14.194	(1.201)	1010571	10.0000	10
90 1,2,4-Trichlorobenzene	180	16.034	16.034	(1.357)	673708	10.0000	10
91 Hexachlorobutadiene	225	16.125	16.125	(1.364)	787948	10.0000	11
92 Naphthalene	128	16.435	16.435	(1.391)	1123884	10.0000	9.9


Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp15v.d
Date : 09-SEP-2008 11:28
Client ID: ASTD015
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624
Instrument: G.i
Operator: njr
Column diameter: 0.32
Page 4
Y (x10^6)
-Bromochloromethane+
-1,4-Difluorobenzene
Chlorobenzene-d5
/chem/G.i/Gsvr.p/gcpto15.b/gcp15v.d
Min

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp15v.d Page 1
Report Date: 10-Sep-2008 11:21

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpto15.b/gcp15v.d
Lab Smp Id: ASTD015 Client Smp ID: ASTD015
Inj Date : 09-SEP-2008 11:28
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD015;090908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpto15.b/sto15.m
Meth Date : 10-Sep-2008 11:21 klp Quant Type: ISTD
Cal Date : 09-SEP-2008 11:28 Cal File: gcp15v.d
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Dichlorodifluoromethane	85	3.997	3.997	(0.453)	1095485	15.0000	13
2	Freon-22	51	4.040	4.040	(0.458)	639759	15.0000	13
3	1,2-Dichlorotetrafluoroethane	85	4.281	4.281	(0.485)	1191866	15.0000	14
4	Chloromethane	50	4.452	4.452	(0.504)	389530	15.0000	13
5	n-Butane	43	4.666	4.666	(0.529)	725653	15.0000	13
6	Vinyl Chloride	62	4.709	4.709	(0.533)	446366	15.0000	13
7	1,3-Butadiene	54	4.784	4.784	(0.542)	341325	15.0000	14
9	Bromomethane	94	5.447	5.447	(0.617)	439120	15.0000	14
10	Chloroethane	64	5.624	5.629	(0.637)	243382	15.0000	14
12	Bromoethene	106	5.950	5.950	(0.674)	459274	15.0000	14
13	Trichlorofluoromethane	101	6.019	6.014	(0.682)	1196271	15.0000	13
17	Freon TF	101	6.720	6.715	(0.761)	874732	15.0000	14
18	1,1-Dichloroethene	96	6.790	6.790	(0.769)	421889	15.0000	14
19	Acetone	43	6.897	6.897	(0.781)	610864	15.0000	15
20	Isopropyl Alcohol	45	7.036	7.047	(0.797)	505551	15.0000	15

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp15v.d
Report Date: 10-Sep-2008 11:21

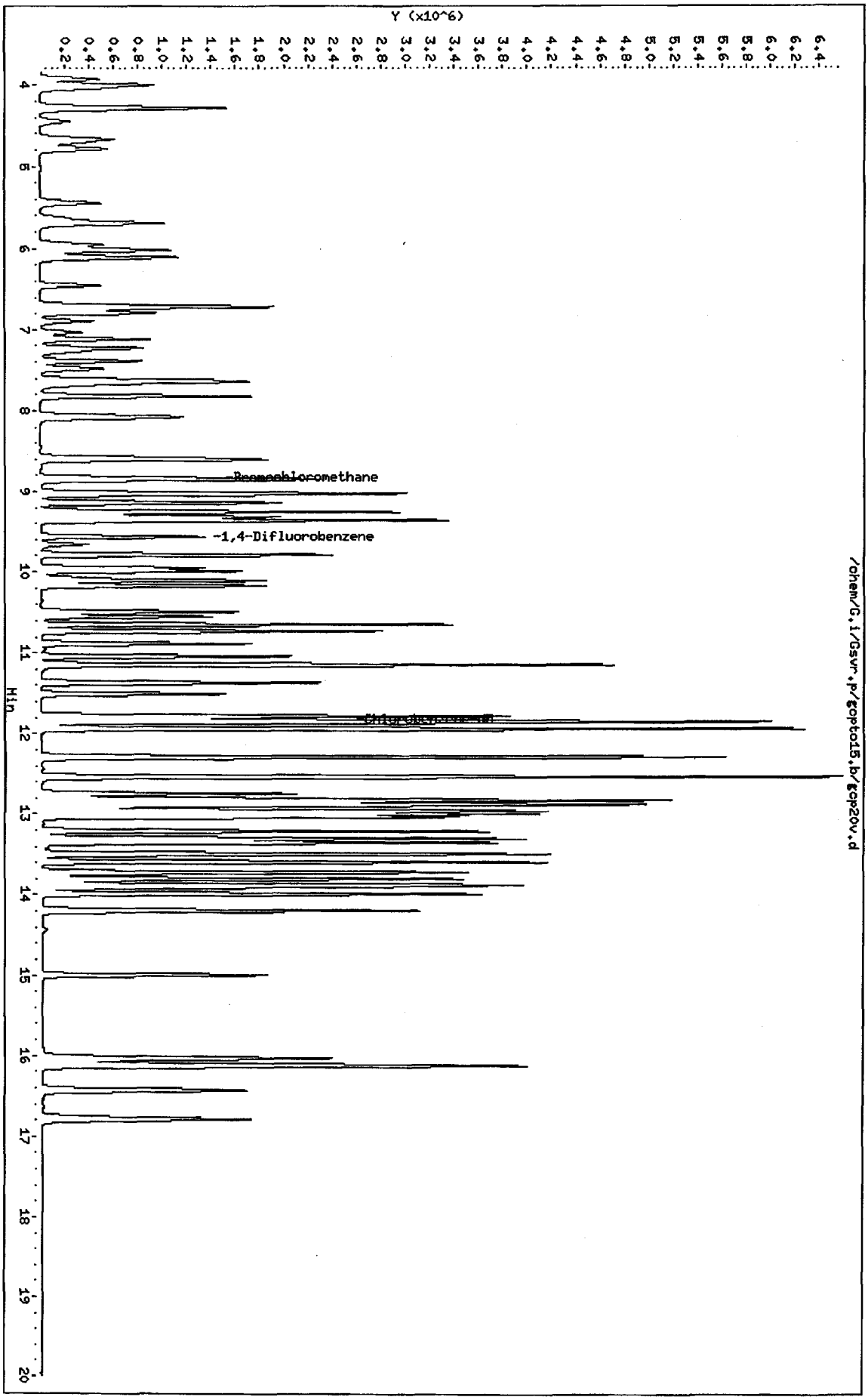
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	21 Carbon Disulfide	76	7.116	7.116	(0.806)	1369088	15.0000	14
	22 3-Chloropropene	41	7.229	7.229	(0.819)	686111	15.0000	14
	24 Methylene Chloride	49	7.389	7.389	(0.837)	515661	15.0000	13
	25 tert-Butyl Alcohol	59	7.485	7.496	(0.848)	670158	15.0000	15
	26 Methyl tert-Butyl Ether	73	7.619	7.624	(0.863)	1191392	15.0000	15
	27 trans-1,2-Dichloroethene	61	7.646	7.646	(0.866)	704423	15.0000	14
	28 n-Hexane	57	7.822	7.822	(0.886)	787437	15.0000	14
	29 1,1-Dichloroethane	63	8.090	8.085	(0.916)	866791	15.0000	14
	30 Methyl Ethyl Ketone	72	8.598	8.598	(0.974)	184840	15.0000	15(Q)
	31 cis-1,2-Dichloroethene	96	8.609	8.609	(0.975)	497675	15.0000	14
*	32 Bromochloromethane	128	8.828	8.828	(1.000)	274662	10.0000	
	33 Tetrahydrofuran	42	8.860	8.866	(0.926)	510658	15.0000	16
	34 Chloroform	83	8.844	8.844	(1.002)	995202	15.0000	14
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.942)	1064592	15.0000	14
	36 Cyclohexane	84	9.037	9.037	(0.945)	686841	15.0000	15
	37 Carbon Tetrachloride	117	9.138	9.138	(0.955)	1149387	15.0000	14
	38 2,2,4-Trimethylpentane	57	9.251	9.251	(0.967)	2518300	15.0000	15
	39 Benzene	78	9.315	9.315	(0.974)	1520404	15.0000	14
M	40 1,2-Dichloroethene (total)	61				1202098	15.0000	28
	41 1,2-Dichloroethane	62	9.352	9.352	(0.978)	645711	15.0000	14
	42 n-Heptane	43	9.363	9.363	(0.979)	986602	15.0000	14
*	43 1,4-Difluorobenzene	114	9.566	9.566	(1.000)	1284997	10.0000	
	45 Trichloroethene	95	9.791	9.791	(1.023)	690264	15.0000	15
	46 Methyl Methacrylate	69	9.952	9.952	(1.040)	425373	15.0000	16(Q)
	47 1,2-Dichloropropane	63	9.994	9.989	(1.045)	545222	15.0000	14
	48 1,4-Dioxane	88	10.075	10.080	(1.053)	166031	15.0000	15
	50 Bromodichloromethane	83	10.171	10.171	(1.063)	1103807	15.0000	15
	51 cis-1,3-Dichloropropene	75	10.492	10.492	(1.097)	848522	15.0000	15
	52 Methyl Isobutyl Ketone	43	10.551	10.556	(1.103)	830560	15.0000	15
	54 Toluene	92	10.733	10.733	(0.908)	1087018	15.0000	15
	55 trans-1,3-Dichloropropene	75	10.888	10.888	(1.138)	867522	15.0000	15
	56 1,1,2-Trichloroethane	83	11.043	11.043	(0.934)	519975	15.0000	15
	57 Tetrachloroethene	166	11.145	11.145	(0.943)	1078887	15.0000	15
	58 Methyl Butyl Ketone	43	11.155	11.155	(0.943)	785232	15.0000	15
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	1195766	15.0000	16
	60 1,2-Dibromoethane	107	11.508	11.503	(0.973)	987204	15.0000	15
*	61 Chlorobenzene-d5	117	11.824	11.819	(1.000)	1199982	10.0000	
	62 Chlorobenzene	112	11.845	11.845	(1.002)	1514865	15.0000	15
	63 Ethylbenzene	91	11.856	11.851	(1.003)	2380175	15.0000	15
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	1891887	30.0000	31
	65 Xylene (o)	106	12.289	12.284	(1.039)	916647	15.0000	15
	66 Styrene	104	12.300	12.300	(1.040)	1472254	15.0000	17
	67 Bromoform	173	12.535	12.535	(1.060)	1331646	15.0000	17
	68 Cumene	105	12.541	12.541	(1.061)	2680867	15.0000	16
	69 1,1,2,2-Tetrachloroethane	83	12.814	12.814	(1.084)	1353706	15.0000	15
M	70 Xylene (total)	106				2808534	15.0000	47
	72 n-Propylbenzene	91	12.872	12.873	(1.089)	3168708	15.0000	16

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp15v.d
Report Date: 10-Sep-2008 11:21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
74 4-Ethyltoluene	105	12.958	12.958	(1.096)	2921903	15.0000	16
75 1,3,5-Trimethylbenzene	105	12.996	12.996	(1.099)	2319210	15.0000	16
76 2-Chlorotoluene	91	13.038	13.038	(1.103)	2191353	15.0000	15
78 Tert-Butylbenzene	119	13.300	13.300	(1.125)	2190962	15.0000	15
79 1,2,4-Trimethylbenzene	105	13.349	13.349	(1.129)	2221489	15.0000	16
80 Sec-Butylbenzene	105	13.493	13.493	(1.141)	3171202	15.0000	16
81 4-Isopropyltoluene	119	13.595	13.589	(1.150)	2615159	15.0000	16
82 1,3-Dichlorobenzene	146	13.723	13.718	(1.161)	1698996	15.0000	16
83 1,4-Dichlorobenzene	146	13.803	13.803	(1.167)	1700848	15.0000	16
86 Benzyl Chloride	91	13.905	13.900	(1.176)	1980533	15.0000	17
87 n-Butylbenzene	91	13.991	13.991	(1.183)	2216913	15.0000	17
88 1,2-Dichlorobenzene	146	14.194	14.194	(1.200)	1609867	15.0000	16
90 1,2,4-Trichlorobenzene	180	16.034	16.034	(1.356)	1107907	15.0000	17
91 Hexachlorobutadiene	225	16.125	16.125	(1.364)	1245372	15.0000	17
92 Naphthalene	128	16.435	16.435	(1.390)	1870760	15.0000	16

QC Flag Legend

Q - Qualifier signal failed the ratio test.



Data File: /chem/G.i/Gsvr.p/gopto15.b/gcp20v.d
Date : 09-SEP-2008 12:18
Client ID: ASTD020
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: njr
Column diameter: 0.32

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp20v.d Page 1
Report Date: 10-Sep-2008 11:21

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpto15.b/gcp20v.d
Lab Smp Id: ASTD020 Client Smp ID: ASTD020
Inj Date : 09-SEP-2008 12:18
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD020;090908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpto15.b/sto15.m
Meth Date : 10-Sep-2008 11:21 klp Quant Type: ISTD
Cal Date : 09-SEP-2008 12:18 Cal File: gcp20v.d
Als bottle: 7 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.992	3.997	(0.452)	1436808	20.0000	17
2 Freon-22	51	4.035	4.040	(0.457)	831947	20.0000	16
3 1,2-Dichlorotetrafluoroethane	85	4.281	4.281	(0.485)	1565253	20.0000	17
4 Chloromethane	50	4.452	4.452	(0.505)	512354	20.0000	17
5 n-Butane	43	4.666	4.666	(0.529)	948065	20.0000	16
6 Vinyl Chloride	62	4.709	4.709	(0.534)	592427	20.0000	17
7 1,3-Butadiene	54	4.784	4.784	(0.542)	451963	20.0000	17
9 Bromomethane	94	5.447	5.447	(0.617)	599406	20.0000	18
10 Chloroethane	64	5.624	5.629	(0.637)	333888	20.0000	18
12 Bromoethene	106	5.950	5.950	(0.674)	621266	20.0000	19
13 Trichlorofluoromethane	101	6.019	6.014	(0.682)	1590022	20.0000	17
17 Freon TF	101	6.715	6.715	(0.761)	1193738	20.0000	18
18 1,1-Dichloroethene	96	6.790	6.790	(0.770)	581159	20.0000	18
19 Acetone	43	6.891	6.897	(0.781)	788243	20.0000	19
20 Isopropyl Alcohol	45	7.031	7.047	(0.797)	667121	20.0000	19

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp20v.d
Report Date: 10-Sep-2008 11:21

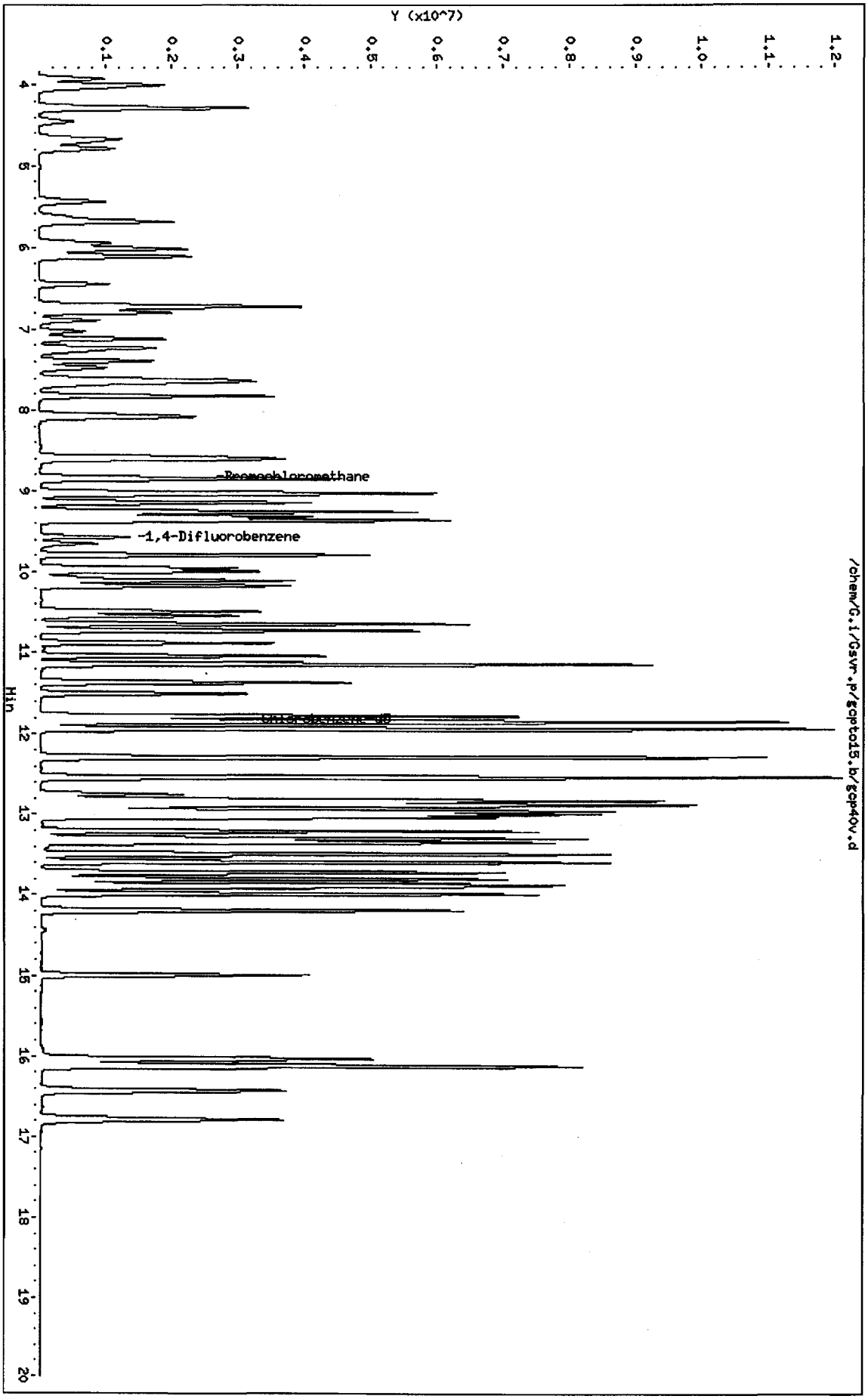
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	ON-COL (ppbv)
	21 Carbon Disulfide	76	7.116	7.116	(0.807)	1864773	20.0000	18
	22 3-Chloropropene	41	7.229	7.229	(0.819)	956781	20.0000	19
	24 Methylene Chloride	49	7.389	7.389	(0.837)	690438	20.0000	17
	25 tert-Butyl Alcohol	59	7.480	7.496	(0.848)	909154	20.0000	20
	26 Methyl tert-Butyl Ether	73	7.614	7.624	(0.863)	1590248	20.0000	19
	27 trans-1,2-Dichloroethene	61	7.640	7.646	(0.866)	949030	20.0000	18
	28 n-Hexane	57	7.822	7.822	(0.887)	1066877	20.0000	18
	29 1,1-Dichloroethane	63	8.084	8.085	(0.916)	1166119	20.0000	17
	30 Methyl Ethyl Ketone	72	8.593	8.598	(0.974)	253363	20.0000	20(Q)
	31 cis-1,2-Dichloroethene	96	8.609	8.609	(0.976)	682680	20.0000	19
*	32 Bromochloromethane	128	8.823	8.828	(1.000)	289628	10.0000	
	33 Tetrahydrofuran	42	8.855	8.866	(0.926)	670045	20.0000	20
	34 Chloroform	83	8.844	8.844	(1.002)	1343987	20.0000	17
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.943)	1432277	20.0000	18
	36 Cyclohexane	84	9.031	9.037	(0.945)	944599	20.0000	19
	37 Carbon Tetrachloride	117	9.138	9.138	(0.956)	1559633	20.0000	18
	38 2,2,4-Trimethylpentane	57	9.251	9.251	(0.968)	3401968	20.0000	19
	39 Benzene	78	9.310	9.315	(0.974)	2074490	20.0000	19
M	40 1,2-Dichloroethene (total)	61				1631710	40.0000	36
	41 1,2-Dichloroethane	62	9.347	9.352	(0.978)	857687	20.0000	17
	42 n-Heptane	43	9.358	9.363	(0.979)	1303524	20.0000	18
*	43 1,4-Difluorobenzene	114	9.561	9.566	(1.000)	1349582	10.0000	
	45 Trichloroethene	95	9.786	9.791	(1.023)	950589	20.0000	19
	46 Methyl Methacrylate	69	9.952	9.952	(1.041)	583159	20.0000	21
	47 1,2-Dichloropropane	63	9.989	9.989	(1.045)	735713	20.0000	18
	48 1,4-Dioxane	88	10.069	10.080	(1.053)	228409	20.0000	20
	50 Bromodichloromethane	83	10.171	10.171	(1.064)	1483462	20.0000	19
	51 cis-1,3-Dichloropropene	75	10.486	10.492	(1.097)	1159261	20.0000	19
	52 Methyl Isobutyl Ketone	43	10.545	10.556	(1.103)	1157067	20.0000	20
	54 Toluene	92	10.727	10.733	(0.908)	1487354	20.0000	19
	55 trans-1,3-Dichloropropene	75	10.882	10.888	(1.138)	1173775	20.0000	19
	56 1,1,2-Trichloroethane	83	11.038	11.043	(0.934)	708493	20.0000	19
	57 Tetrachloroethene	166	11.145	11.145	(0.943)	1475385	20.0000	19
	58 Methyl Butyl Ketone	43	11.150	11.155	(0.943)	1073825	20.0000	19
	59 Dibromochloromethane	129	11.364	11.369	(0.962)	1639284	20.0000	20
	60 1,2-Dibromoethane	107	11.503	11.503	(0.973)	1352573	20.0000	20
*	61 Chlorobenzene-d5	117	11.819	11.819	(1.000)	1277025	10.0000	
	62 Chlorobenzene	112	11.845	11.845	(1.002)	2077138	20.0000	19
	63 Ethylbenzene	91	11.851	11.851	(1.003)	3226404	20.0000	19
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	2570726	40.0000	40
	65 Xylene (o)	106	12.284	12.284	(1.039)	1238779	20.0000	19
	66 Styrene	104	12.295	12.300	(1.040)	2009218	20.0000	22
	67 Bromoform	173	12.535	12.535	(1.061)	1814565	20.0000	21
	68 Cumene	105	12.541	12.541	(1.061)	3580801	20.0000	20
	69 1,1,2,2-Tetrachloroethane	83	12.808	12.814	(1.084)	1807396	20.0000	19
M	70 Xylene (total)	106				3809505	20.0000	60
	72 n-Propylbenzene	91	12.872	12.873	(1.089)	4262339	20.0000	20

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp20v.d
Report Date: 10-Sep-2008 11:21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
74 4-Ethyltoluene	105	12.958	12.958	(1.096)	3796015	20.0000	19
75 1,3,5-Trimethylbenzene	105	12.996	12.996	(1.100)	3287514	20.0000	21
76 2-Chlorotoluene	91	13.033	13.038	(1.103)	2966680	20.0000	19
78 Tert-Butylbenzene	119	13.295	13.300	(1.125)	2980150	20.0000	20
79 1,2,4-Trimethylbenzene	105	13.349	13.349	(1.129)	2998368	20.0000	21
80 Sec-Butylbenzene	105	13.493	13.493	(1.142)	4253461	20.0000	20
81 4-Isopropyltoluene	119	13.589	13.589	(1.150)	3540009	20.0000	21
82 1,3-Dichlorobenzene	146	13.718	13.718	(1.161)	2336652	20.0000	20
83 1,4-Dichlorobenzene	146	13.798	13.803	(1.167)	2325436	20.0000	20
86 Benzyl Chloride	91	13.900	13.900	(1.176)	2698713	20.0000	21
87 n-Butylbenzene	91	13.985	13.991	(1.183)	2997465	20.0000	21
88 1,2-Dichlorobenzene	146	14.194	14.194	(1.201)	2187438	20.0000	20
90 1,2,4-Trichlorobenzene	180	16.029	16.034	(1.356)	1566327	20.0000	22
91 Hexachlorobutadiene	225	16.120	16.125	(1.364)	1684332	20.0000	21
92 Naphthalene	128	16.430	16.435	(1.390)	2722296	20.0000	22

QC Flag Legend

Q - Qualifier signal failed the ratio test.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Date : 09-SEP-2008 13:09
Client ID: ASTD040
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624
Instrument: G.i
Operator: njr
Column diameter: 0.32
Page 4
Y (x10^7)
1,4-Difluorobenzene
/chem/G.i/Gsvr.p/gcpto15.b/gcp40v.d
Min

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp40v.d Page 1
Report Date: 10-Sep-2008 11:21

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpto15.b/gcp40v.d
Lab Smp Id: ASTD040 Client Smp ID: ASTD040
Inj Date : 09-SEP-2008 13:09
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ASTD040;090908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpto15.b/sto15.m
Meth Date : 10-Sep-2008 11:21 klp Quant Type: ISTD
Cal Date : 09-SEP-2008 13:09 Cal File: gcp40v.d
Als bottle: 8 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1 Dichlorodifluoromethane	85	3.992	3.997	(0.452)	2904187	40.0000	33
2 Freon-22	51	4.035	4.040	(0.457)	1704074	40.0000	32
3 1,2-Dichlorotetrafluoroethane	85	4.281	4.281	(0.485)	3224277	40.0000	34
4 Chloromethane	50	4.447	4.452	(0.504)	1059928	40.0000	34
5 n-Butane	43	4.666	4.666	(0.529)	1930362	40.0000	32
6 Vinyl Chloride	62	4.709	4.709	(0.533)	1239018	40.0000	34
7 1,3-Butadiene	54	4.784	4.784	(0.542)	946201	40.0000	35
9 Bromomethane	94	5.442	5.447	(0.616)	1217975	40.0000	36
10 Chloroethane	64	5.624	5.629	(0.637)	685678	40.0000	37
12 Bromoethene	106	5.950	5.950	(0.674)	1317694	40.0000	38
13 Trichlorofluoromethane	101	6.019	6.014	(0.682)	3335843	40.0000	35
17 Freon TF	101	6.720	6.715	(0.761)	2509278	40.0000	37
18 1,1-Dichloroethene	96	6.790	6.790	(0.769)	1247694	40.0000	39
19 Acetone	43	6.886	6.897	(0.780)	1668413	40.0000	38
20 Isopropyl Alcohol	45	7.025	7.047	(0.796)	1355365	40.0000	38

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp40v.d
Report Date: 10-Sep-2008 11:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	21 Carbon Disulfide	76	7.116	7.116	(0.806)	3967999	40.0000	38
	22 3-Chloropropene	41	7.229	7.229	(0.819)	1986709	40.0000	38 (M)
	24 Methylene Chloride	49	7.389	7.389	(0.837)	1426059	40.0000	34
	25 tert-Butyl Alcohol	59	7.475	7.496	(0.847)	1877727	40.0000	39
	26 Methyl tert-Butyl Ether	73	7.614	7.624	(0.862)	3483732	40.0000	40
	27 trans-1,2-Dichloroethene	61	7.646	7.646	(0.866)	1962818	40.0000	35
	28 n-Hexane	57	7.822	7.822	(0.886)	2209586	40.0000	37
	29 1,1-Dichloroethane	63	8.090	8.085	(0.916)	2419406	40.0000	35
	30 Methyl Ethyl Ketone	72	8.593	8.598	(0.973)	562389	40.0000	43 (AQ)
	31 cis-1,2-Dichloroethene	96	8.609	8.609	(0.975)	1447482	40.0000	38
*	32 Bromochloromethane	128	8.828	8.828	(1.000)	296600	10.0000	(Q)
	33 Tetrahydrofuran	42	8.855	8.866	(0.926)	1360309	40.0000	39
	34 Chloroform	83	8.844	8.844	(1.002)	2761924	40.0000	35
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.942)	2959603	40.0000	37
	36 Cyclohexane	84	9.037	9.037	(0.945)	1954155	40.0000	39
	37 Carbon Tetrachloride	117	9.138	9.138	(0.955)	3229751	40.0000	37
	38 2,2,4-Trimethylpentane	57	9.256	9.251	(0.968)	6834799	40.0000	37
	39 Benzene	78	9.315	9.315	(0.974)	4380896	40.0000	39
M	40 1,2-Dichloroethene (total)	61				3410300	80.0000	74
	41 1,2-Dichloroethane	62	9.352	9.352	(0.978)	1732079	40.0000	34
	42 n-Heptane	43	9.363	9.363	(0.979)	2458954	40.0000	33
*	43 1,4-Difluorobenzene	114	9.566	9.566	(1.000)	1377536	10.0000	
	45 Trichloroethene	95	9.791	9.791	(1.023)	1967378	40.0000	39
	46 Methyl Methacrylate	69	9.951	9.952	(1.040)	1331775	40.0000	47 (AQ)
	47 1,2-Dichloropropane	63	9.994	9.989	(1.045)	1530042	40.0000	37
	48 1,4-Dioxane	88	10.064	10.080	(1.052)	475847	40.0000	41 (A)
	50 Bromodichloromethane	83	10.171	10.171	(1.063)	3081545	40.0000	38
	51 cis-1,3-Dichloropropene	75	10.492	10.492	(1.097)	2438660	40.0000	39
	52 Methyl Isobutyl Ketone	43	10.545	10.556	(1.102)	2457023	40.0000	41 (A)
	54 Toluene	92	10.733	10.733	(0.908)	3149748	40.0000	40
	55 trans-1,3-Dichloropropene	75	10.882	10.888	(1.138)	2475016	40.0000	40
	56 1,1,2-Trichloroethane	83	11.043	11.043	(0.934)	1485630	40.0000	39
	57 Tetrachloroethene	166	11.144	11.145	(0.943)	3045184	40.0000	39
	58 Methyl Butyl Ketone	43	11.150	11.155	(0.943)	2014186	40.0000	35
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	3426482	40.0000	41 (A)
	60 1,2-Dibromoethane	107	11.508	11.503	(0.974)	2865873	40.0000	41 (A)
*	61 Chlorobenzene-d5	117	11.819	11.819	(1.000)	1308037	10.0000	
	62 Chlorobenzene	112	11.845	11.845	(1.002)	4183129	40.0000	38
	63 Ethylbenzene	91	11.856	11.851	(1.003)	6578802	40.0000	38
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	5196027	80.0000	78
	65 Xylene (o)	106	12.284	12.284	(1.039)	2522968	40.0000	39
	66 Styrene	104	12.300	12.300	(1.041)	4156701	40.0000	43 (A)
	67 Bromoform	173	12.535	12.535	(1.061)	3673530	40.0000	42 (A)
	68 Cumene	105	12.541	12.541	(1.061)	6995881	40.0000	37
	69 1,1,2,2-Tetrachloroethane	83	12.814	12.814	(1.084)	3619882	40.0000	38
M	70 Xylene (total)	106				7718995	40.0000	120
	72 n-Propylbenzene	91	12.872	12.873	(1.089)	8675268	40.0000	39

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp40v.d
Report Date: 10-Sep-2008 11:21

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
74 4-Ethyltoluene	105	12.958	12.958	(1.096)	8384832	40.0000	42(A)
75 1,3,5-Trimethylbenzene	105	12.995	12.996	(1.100)	6631209	40.0000	41(A)
76 2-Chlorotoluene	91	13.038	13.038	(1.103)	6158596	40.0000	39
78 Tert-Butylbenzene	119	13.300	13.300	(1.125)	6418217	40.0000	42(A)
79 1,2,4-Trimethylbenzene	105	13.349	13.349	(1.129)	6430027	40.0000	43(A)
80 Sec-Butylbenzene	105	13.493	13.493	(1.142)	8987129	40.0000	41(A)
81 4-Isopropyltoluene	119	13.595	13.589	(1.150)	7627062	40.0000	43(A)
82 1,3-Dichlorobenzene	146	13.723	13.718	(1.161)	4935087	40.0000	42(A)
83 1,4-Dichlorobenzene	146	13.803	13.803	(1.168)	4963869	40.0000	42(A)
86 Benzyl Chloride	91	13.900	13.900	(1.176)	5845242	40.0000	45(A)
87 n-Butylbenzene	91	13.991	13.991	(1.184)	6392706	40.0000	44(A)
88 1,2-Dichlorobenzene	146	14.194	14.194	(1.201)	4623639	40.0000	41(A)
90 1,2,4-Trichlorobenzene	180	16.034	16.034	(1.357)	3347283	40.0000	46(A)
91 Hexachlorobutadiene	225	16.125	16.125	(1.364)	3567408	40.0000	44(A)
92 Naphthalene	128	16.430	16.435	(1.390)	6035015	40.0000	48(A)

QC Flag Legend

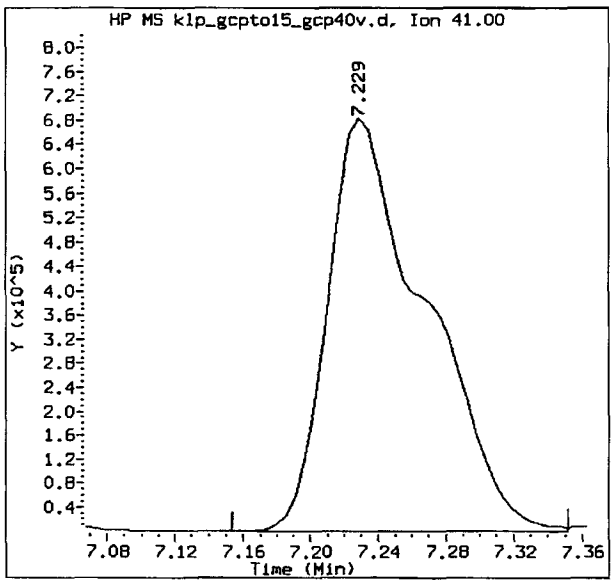
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.

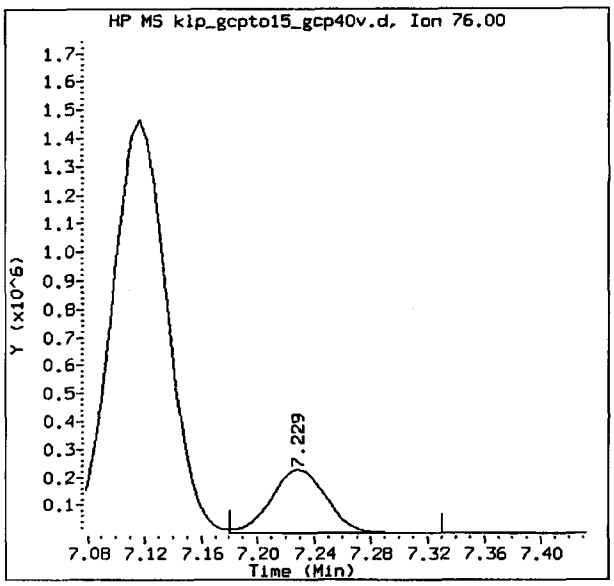
MANUAL INTEGRATION REPORT

Data File Name: gcp40v.d
Client Sample ID: ASTD040
Compound Name: 3-Chloropropene

Inj. Date and Time: 09-SEP-2008 13:09
Instrument ID: G.i
CAS #: 107-05-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 09/10/2008 11:21

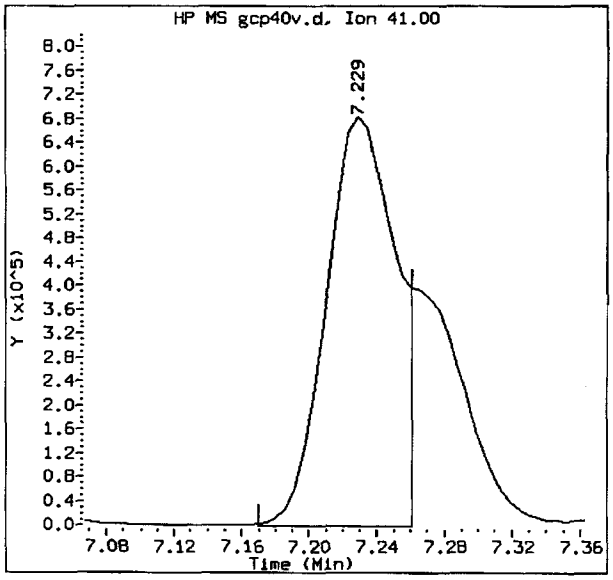


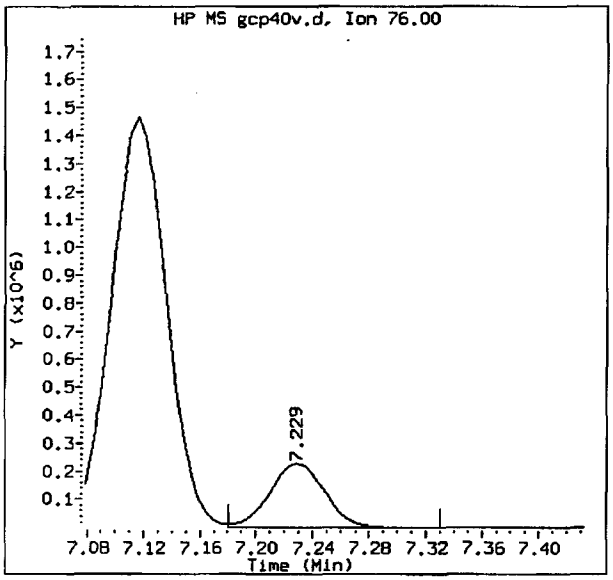


Original Integrations:

Area = 2766117

Area = 608815



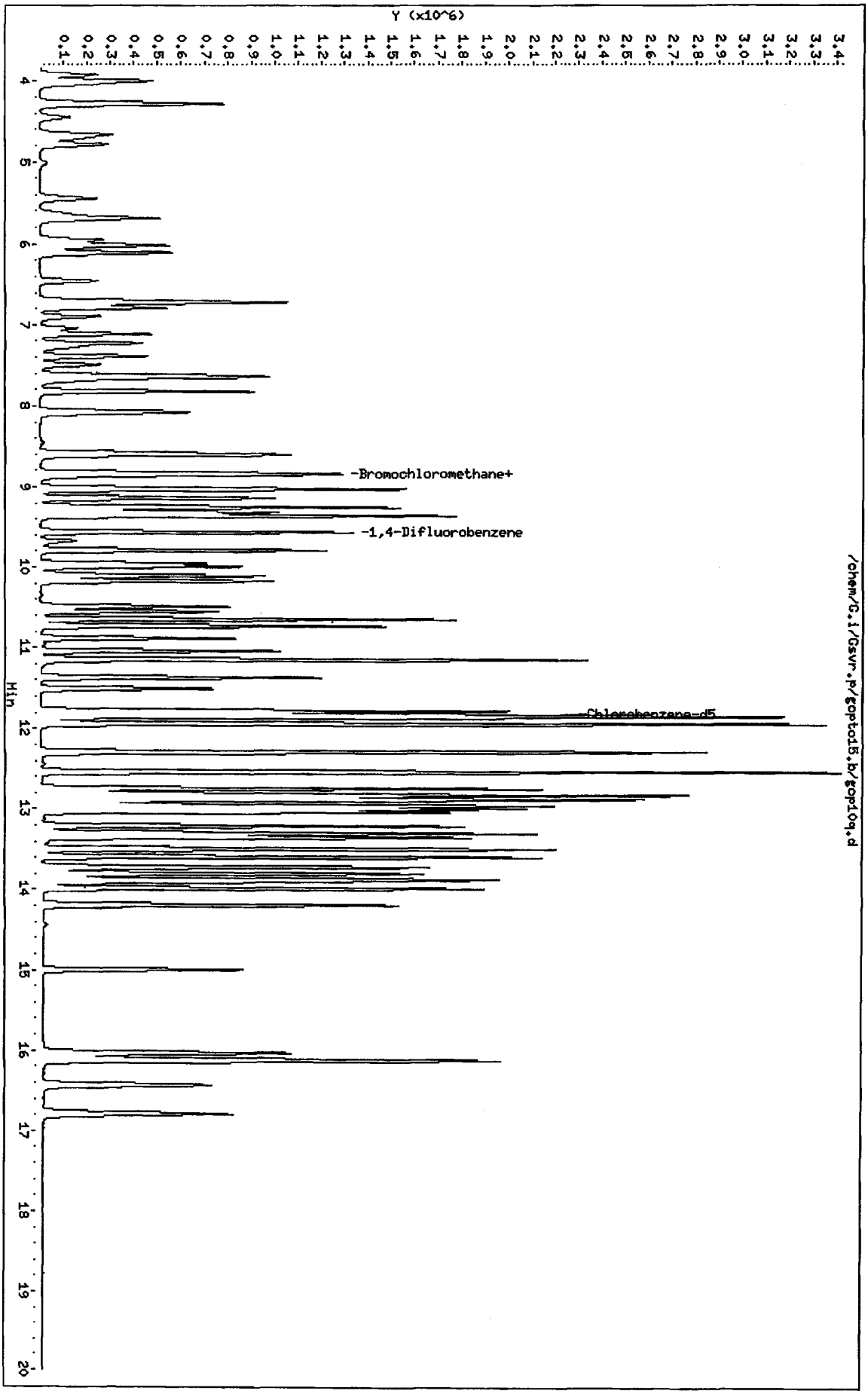


Final Integrations:

Area = 1986709

Area = 608815

Manual Integration Reason: MI1 - Poor automated baseline


Data File: /chem/G.i/Gsvr.p/gcptoi5.b/gcp10q.d
Date : 09-SEP-2008 14:49
Client ID: ICV090908GA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624
Instrument: G.i
Operator: njr
Column diameter: 0.32
Page 6
Y (x10^6)
-Bromochloromethane+
-1,4-Difluorobenzene
-Chlorobenzene-d5
/chem/G.i/Gsvr.p/gcptoi5.b/gcp10q.d
Min

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp10q.d Page 1
Report Date: 10-Sep-2008 11:25

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpto15.b/gcp10q.d
Lab Smp Id: ICV090908GA Client Smp ID: ICV090908GA
Inj Date : 09-SEP-2008 14:49
Operator : njr Inst ID: G.i
Smp Info :
Misc Info : ICV090908GA;090908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpto15.b/sto15.m
Meth Date : 10-Sep-2008 11:21 klp Quant Type: ISTD
Cal Date : 09-SEP-2008 13:09 Cal File: gcp40v.d
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all74.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1 Dichlorodifluoromethane	85	3.992	3.997	(0.452)	742724	9.04474	9.0
2 Freon-22	51	4.035	4.040	(0.457)	431086	8.81024	8.8
3 1,2-Dichlorotetrafluoroethane	85	4.275	4.281	(0.484)	805844	9.11703	9.1
4 Chloromethane	50	4.447	4.452	(0.504)	264294	9.02175	9.0
5 n-Butane	43	4.666	4.666	(0.529)	480581	8.67173	8.7
6 Vinyl Chloride	62	4.709	4.709	(0.533)	306739	9.06068	9.1
7 1,3-Butadiene	54	4.784	4.784	(0.542)	238429	9.57694	9.6
9 Bromomethane	94	5.442	5.447	(0.616)	289873	9.23271	9.2
10 Chloroethane	64	5.629	5.629	(0.638)	164821	9.44375	9.4
12 Bromoethene	106	5.950	5.950	(0.674)	319404	9.97157	10
13 Trichlorofluoromethane	101	6.014	6.014	(0.681)	810528	9.06826	9.1
17 Freon TF	101	6.715	6.715	(0.761)	661162	10.4571	10
18 1,1-Dichloroethene	96	6.784	6.790	(0.768)	329932	10.9214	11
19 Acetone	43	6.897	6.897	(0.781)	462215	11.3841	11
20 Isopropyl Alcohol	45	7.041	7.047	(0.798)	317006	9.62531	9.6

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp10q.d
Report Date: 10-Sep-2008 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	21 Carbon Disulfide	76	7.116	7.116	(0.806)	978055	10.0801	10
	22 3-Chloropropene	41	7.228	7.229	(0.819)	466316	9.47418	9.5
	24 Methylene Chloride	49	7.389	7.389	(0.837)	382618	9.91227	9.9
	25 tert-Butyl Alcohol	59	7.491	7.496	(0.848)	445972	10.0139	10
	26 Methyl tert-Butyl Ether	73	7.619	7.624	(0.863)	852022	10.3834	10
	27 trans-1,2-Dichloroethene	61	7.646	7.646	(0.866)	487166	9.44230	9.4
	28 n-Hexane	57	7.822	7.822	(0.886)	550974	9.86252	9.9
	29 1,1-Dichloroethane	63	8.084	8.085	(0.916)	603235	9.44949	9.4
	30 Methyl Ethyl Ketone	72	8.598	8.598	(0.974)	141944	11.6339	12(Q)
	31 cis-1,2-Dichloroethene	96	8.609	8.609	(0.975)	359190	10.1888	10
*	32 Bromochloromethane	128	8.828	8.828	(1.000)	276736	10.0000	
	33 Tetrahydrofuran	42	8.865	8.866	(0.927)	359912	10.5130	11
	34 Chloroform	83	8.844	8.844	(1.002)	694321	9.40592	9.4
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.942)	728819	9.13498	9.1
	36 Cyclohexane	84	9.037	9.037	(0.945)	489433	9.92224	9.9
	37 Carbon Tetrachloride	117	9.138	9.138	(0.955)	784143	9.13804	9.1
	38 2,2,4-Trimethylpentane	57	9.251	9.251	(0.967)	1771256	9.64195	9.6
	39 Benzene	78	9.315	9.315	(0.974)	1081072	9.69535	9.7
M	40 1,2-Dichloroethene (total)	61				846356	19.6311	20
	41 1,2-Dichloroethane	62	9.352	9.352	(0.978)	445261	8.94949	8.9
	42 n-Heptane	43	9.363	9.363	(0.979)	687914	9.33858	9.3
*	43 1,4-Difluorobenzene	114	9.566	9.566	(1.000)	1361742	10.0000	
	45 Trichloroethene	95	9.791	9.791	(1.023)	476254	9.48697	9.5
	46 Methyl Methacrylate	69	9.951	9.952	(1.040)	308974	11.0778	11
	47 1,2-Dichloropropane	63	9.994	9.989	(1.045)	382924	9.40201	9.4
	48 1,4-Dioxane	88	10.080	10.080	(1.054)	102911	9.02913	9.0
	50 Bromodichloromethane	83	10.171	10.171	(1.063)	787246	9.79869	9.8
	51 cis-1,3-Dichloropropene	75	10.492	10.492	(1.097)	583636	9.44356	9.4
	52 Methyl Isobutyl Ketone	43	10.551	10.556	(1.103)	637921	10.6996	11
	54 Toluene	92	10.733	10.733	(0.908)	756935	9.49410	9.5
	55 trans-1,3-Dichloropropene	75	10.888	10.888	(1.138)	577477	9.33601	9.3
	56 1,1,2-Trichloroethane	83	11.043	11.043	(0.934)	345934	8.98826	9.0
	57 Tetrachloroethene	166	11.144	11.145	(0.943)	735445	9.36578	9.4
	58 Methyl Butyl Ketone	43	11.155	11.155	(0.943)	596264	10.3162	10
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	842309	10.0700	10
	60 1,2-Dibromoethane	107	11.508	11.503	(0.973)	668626	9.46090	9.5
*	61 Chlorobenzene-d5	117	11.824	11.819	(1.000)	1313822	10.0000	
	62 Chlorobenzene	112	11.845	11.845	(1.002)	1029103	9.22887	9.2
	63 Ethylbenzene	91	11.856	11.851	(1.003)	1632699	9.31215	9.3
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	1363692	20.3856	20
	65 Xylene (o)	106	12.289	12.284	(1.039)	657557	10.0520	10
	66 Styrene	104	12.300	12.300	(1.040)	973796	10.1416	10
	67 Bromoform	173	12.535	12.535	(1.060)	909336	10.4027	10
	68 Cumene	105	12.541	12.541	(1.061)	1853393	9.81520	9.8
	69 1,1,2,2-Tetrachloroethane	83	12.814	12.814	(1.084)	893444	9.24579	9.2
M	70 Xylene (total)	106				2021249	30.8985	31
	72 n-Propylbenzene	91	12.872	12.873	(1.089)	2176682	9.73221	9.7

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp10q.d
Report Date: 10-Sep-2008 11:25

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)
74	4-Ethyltoluene	105	12.958	12.958	(1.096)	2058175	10.2309	10
75	1,3,5-Trimethylbenzene	105	12.995	12.996	(1.099)	1539751	9.54876	9.5
76	2-Chlorotoluene	91	13.038	13.038	(1.103)	1508852	9.56569	9.6
78	Tert-Butylbenzene	119	13.300	13.300	(1.125)	1532711	9.86874	9.9
79	1,2,4-Trimethylbenzene	105	13.349	13.349	(1.129)	1472118	9.79818	9.8
80	Sec-Butylbenzene	105	13.493	13.493	(1.141)	2207116	10.0845	10
81	4-Isopropyltoluene	119	13.595	13.589	(1.150)	1852223	10.4549	10
82	1,3-Dichlorobenzene	146	13.723	13.718	(1.161)	1107864	9.31935	9.3
83	1,4-Dichlorobenzene	146	13.803	13.803	(1.167)	1109144	9.38958	9.4
86	Benzyl Chloride	91	13.905	13.900	(1.176)	1160633	8.97113	9.0
87	n-Butylbenzene	91	13.990	13.991	(1.183)	1556972	10.6749	11
88	1,2-Dichlorobenzene	146	14.194	14.194	(1.200)	1048225	9.32241	9.3
90	1,2,4-Trichlorobenzene	180	16.034	16.034	(1.356)	694396	9.55226	9.6
91	Hexachlorobutadiene	225	16.125	16.125	(1.364)	818060	10.0817	10
92	Naphthalene	128	16.435	16.435	(1.390)	1173577	9.33553	9.3

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp10q.d Page 4
Report Date: 10-Sep-2008 11:25

TestAmerica Burlington

RECOVERY REPORT

Client Name: Client SDG: gcpto15
Sample Matrix: GAS Fraction: VOA
Lab Smp Id: ICV090908GA Client Smp ID: ICV090908GA
Level: LOW Operator: njr
Data Type: MS DATA SampleType: LCS
SpikeList File: all74.spk Quant Type: ISTD
Sublist File: all74.sub
Method File: /chem/G.i/Gsvr.p/gcpto15.b/sto15.m
Misc Info: ICV090908GA;090908GA;1;200

	SPIKE	COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	1	Dichlorodifluorome	10	9.0	90.45	70-130
	2	Freon-22	10	8.8	88.10	70-130
	3	1,2-Dichlorotetraf	10	9.1	91.17	70-130
	4	Chloromethane	10	9.0	90.22	70-130
	5	n-Butane	10	8.7	86.72	70-130
	6	Vinyl Chloride	10	9.1	90.61	70-130
	7	1,3-Butadiene	10	9.6	95.77	70-130
	9	Bromomethane	10	9.2	92.33	70-130
	10	Chloroethane	10	9.4	94.44	70-130
	12	Bromoethene	10	10	99.72	70-130
	13	Trichlorofluoromet	10	9.1	90.68	70-130
	17	Freon TF	10	10	104.57	70-130
	18	1,1-Dichloroethene	10	11	109.21	70-130
	19	Acetone	10	11	113.84	70-130
	20	Isopropyl Alcohol	10	9.6	96.25	70-130
	21	Carbon Disulfide	10	10	100.80	70-130
	22	3-Chloropropene	10	9.5	94.74	70-130
	24	Methylene Chloride	10	9.9	99.12	70-130
	25	tert-Butyl Alcohol	10	10	100.14	70-130
	26	Methyl tert-Butyl	10	10	103.83	70-130
	27	trans-1,2-Dichloro	10	9.4	94.42	70-130
	28	n-Hexane	10	9.9	98.63	70-130
	29	1,1-Dichloroethane	10	9.4	94.49	70-130
	30	Methyl Ethyl Keton	10	12	116.34	70-130
	31	cis-1,2-Dichloroet	10	10	101.89	70-130
	33	Tetrahydrofuran	10	11	105.13	70-130
	34	Chloroform	10	9.4	94.06	70-130
	35	1,1,1-Trichloroeth	10	9.1	91.35	70-130
	36	Cyclohexane	10	9.9	99.22	70-130
	37	Carbon Tetrachlori	10	9.1	91.38	70-130
	38	2,2,4-Trimethylpen	10	9.6	96.42	70-130
	39	Benzene	10	9.7	96.95	70-130
M	40	1,2-Dichloroethene	20	20	100.00	70-130

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp10q.d
Report Date: 10-Sep-2008 11:25

SPIKE		COMPOUND	CONC ADDED ppbv	CONC RECOVERED ppbv	% RECOVERED	LIMITS
	41	1,2-Dichloroethane	10	8.9	89.49	70-130
	42	n-Heptane	10	9.3	93.39	70-130
	45	Trichloroethene	10	9.5	94.87	70-130
	46	Methyl Methacrylat	10	11	110.78	70-130
	47	1,2-Dichloropropan	10	9.4	94.02	70-130
	48	1,4-Dioxane	10	9.0	90.29	70-130
	50	Bromodichlorometha	10	9.8	97.99	70-130
	51	cis-1,3-Dichloropr	10	9.4	94.44	70-130
	52	Methyl Isobutyl Ke	10	11	107.00	70-130
	54	Toluene	10	9.5	94.94	70-130
	55	trans-1,3-Dichloro	10	9.3	93.36	70-130
	56	1,1,2-Trichloroeth	10	9.0	89.88	70-130
	57	Tetrachloroethene	10	9.4	93.66	70-130
	58	Methyl Butyl Keton	10	10	103.16	70-130
	59	Dibromochlorometha	10	10	100.70	70-130
	60	1,2-Dibromoethane	10	9.5	94.61	70-130
	62	Chlorobenzene	10	9.2	92.29	70-130
	63	Ethylbenzene	10	9.3	93.12	70-130
	64	Xylene (m,p)	20	20	101.93	70-130
	65	Xylene (o)	10	10	100.52	70-130
	66	Styrene	10	10	101.42	70-130
	67	Bromoform	10	10	104.03	70-130
	68	Cumene	10	9.8	98.15	70-130
	69	1,1,2,2-Tetrachlor	10	9.2	92.46	70-130
M	70	Xylene (total)	30	31	103.00	70-130
	72	n-Propylbenzene	10	9.7	97.32	70-130
	74	4-Ethyltoluene	10	10	102.31	70-130
	75	1,3,5-Trimethylben	10	9.5	95.49	70-130
	76	2-Chlorotoluene	10	9.6	95.66	70-130
	78	Tert-Butylbenzene	10	9.9	98.69	70-130
	79	1,2,4-Trimethylben	10	9.8	97.98	70-130
	80	Sec-Butylbenzene	10	10	100.84	70-130
	81	4-Isopropyltoluene	10	10	104.55	70-130
	82	1,3-Dichlorobenzen	10	9.3	93.19	70-130
	83	1,4-Dichlorobenzen	10	9.4	93.90	70-130
	86	Benzyl Chloride	10	9.0	89.71	70-130
	87	n-Butylbenzene	10	11	106.75	70-130
	88	1,2-Dichlorobenzen	10	9.3	93.22	70-130
	90	1,2,4-Trichloroben	10	9.6	95.52	70-130
	91	Hexachlorobutadien	10	10	100.82	70-130
	92	Naphthalene	10	9.3	93.36	70-130

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Instrument ID: G Calibration Date: 09/19/08 Time: 1108

Lab File ID: GCP10GV Init. Calib. Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Init. Calib. Times: 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	2.967	2.782	0.01	6.2	30.0
1,2-Dichlorotetrafluoroethan	3.194	2.751	0.01	13.9	30.0
Vinyl Chloride	1.223	1.017	0.01	16.8	30.0
1,3-Butadiene	0.900	0.774	0.01	14.0	30.0
Bromomethane	1.135	0.970	0.01	14.5	30.0
Chloroethane	0.631	0.544	0.01	13.8	30.0
Bromoethene	1.157	1.005	0.01	13.1	30.0
Trichlorofluoromethane	3.230	2.852	0.01	11.7	30.0
1,1-Dichloroethene	1.092	0.948	0.01	13.2	30.0
3-Chloropropene	1.778	1.492	0.01	16.1	30.0
Methyl tert-Butyl Ether	2.965	2.866	0.01	3.3	30.0
trans-1,2-Dichloroethene	1.864	1.615	0.01	13.4	30.0
n-Hexane	2.019	1.785	0.01	11.6	30.0
1,1-Dichloroethane	2.307	1.996	0.1	13.5	30.0
cis-1,2-Dichloroethene	1.274	1.115	0.01	12.5	30.0
Chloroform	2.668	2.364	0.01	11.4	30.0
1,1,1-Trichloroethane	0.586	0.525	0.01	10.4	30.0
Cyclohexane	0.362	0.318	0.01	12.2	30.0
Carbon Tetrachloride	0.630	0.563	0.01	10.6	30.0
2,2,4-Trimethylpentane	1.349	1.179	0.01	12.6	30.0
Benzene	0.819	0.706	0.01	13.8	30.0
1,2-Dichloroethene (total)	1.569	1.365	0.01	13.0	30.0
1,2-Dichloroethane	0.365	0.330	0.01	9.6	30.0
n-Heptane	0.541	0.479	0.01	11.5	30.0
Trichloroethene	0.369	0.330	0.01	10.6	30.0
1,2-Dichloropropane	0.299	0.261	0.01	12.7	30.0
Bromodichloromethane	0.590	0.546	0.01	7.4	30.0
cis-1,3-Dichloropropene	0.454	0.407	0.01	10.4	30.0
Toluene	0.607	0.529	0.01	12.8	30.0
trans-1,3-Dichloropropene	0.454	0.422	0.01	7.0	30.0
1,1,2-Trichloroethane	0.293	0.257	0.01	12.3	30.0
Tetrachloroethene	0.598	0.525	0.01	12.2	30.0
Dibromochloromethane	0.637	0.592	0.01	7.1	30.0
1,2-Dibromoethane	0.538	0.484	0.01	10.0	30.0
Ethylbenzene	1.334	1.178	0.01	11.7	30.0
Xylene (m,p)	0.509	0.464	0.01	8.8	30.0
Xylene (o)	0.498	0.454	0.01	8.8	30.0

FORM VII VOA

FORM 7
VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

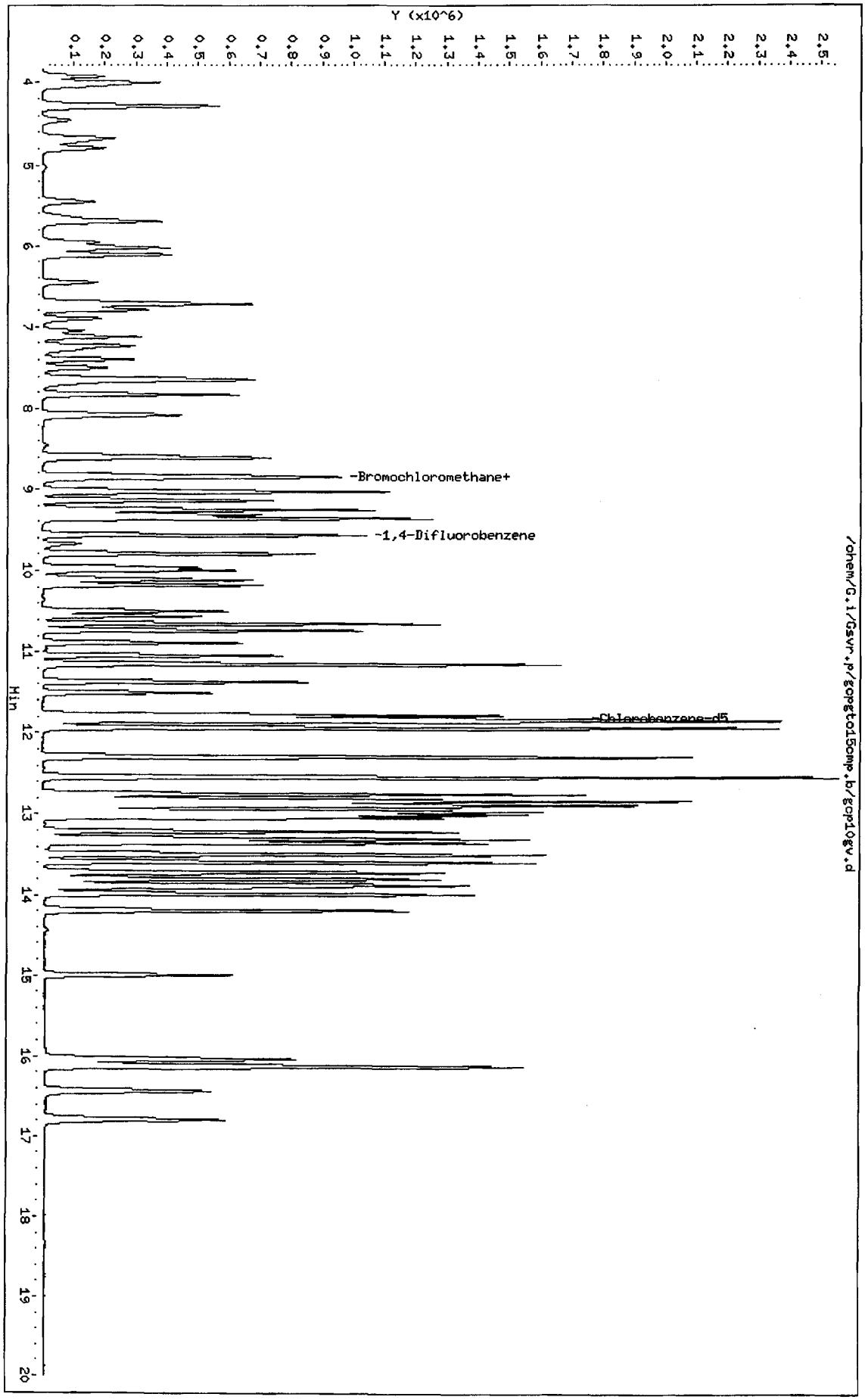
Instrument ID: G Calibration Date: 09/19/08 Time: 1108

Lab File ID: GCP10GV Init. Calib. Date(s): 09/09/08 09/09/08

Heated Purge: (Y/N) N Init. Calib. Times: 0804 1309

GC Column: RTX-624 ID: 0.32 (mm)

COMPOUND	$\overline{RRF}$	RRF10	MIN RRF	%D	MAX %D
Bromoform	0.665	0.649	0.01	2.4	30.0
1,1,2,2-Tetrachloroethane	0.736	0.673	0.01	8.6	30.0
Xylene (total)	0.498	0.454	0.01	8.8	30.0
4-Ethyltoluene	1.531	1.462	0.01	* 4.5	30.0
1,3,5-Trimethylbenzene	1.227	1.170	0.01	4.6	30.0


Data File: /chem/G.i/Gsvr.p/gcpgtol5cmp.b/gcp10gv.d
Date : 19-SEP-2008 11:08
Client ID: ASTD010
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624
Instrument: G.i
Operator: wrd
Column diameter: 0.32
Page 3
Y (x10^6)
-Bromochloromethane+
-1,4-Difluorobenzene
-Chlorobenzene-d5
/chem/G.i/Gsvr.p/gcpgtol5cmp.b/gcp10gv.d
Min

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gv.d Page 1
Report Date: 30-Sep-2008 13:36

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gv.d
Lab Smp Id: ASTD010 Client Smp ID: ASTD010
Inj Date : 19-SEP-2008 11:08
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : ASTD010;091908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpgto15cmp.b/sto15.m
Meth Date : 30-Sep-2008 13:36 cmp Quant Type: ISTD
Cal Date : 09-SEP-2008 13:09 Cal File: gcp40v.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
1	Dichlorodifluoromethane	85	3.997	3.997	(0.453)	580687	10.0000	9.4
3	1,2-Dichlorotetrafluoroethane	85	4.286	4.281	(0.486)	574172	10.0000	8.6
6	Vinyl Chloride	62	4.714	4.709	(0.534)	212214	10.0000	8.3
7	1,3-Butadiene	54	4.789	4.784	(0.542)	161490	10.0000	8.6
9	Bromomethane	94	5.447	5.447	(0.617)	202603	10.0000	8.6
10	Chloroethane	64	5.634	5.629	(0.638)	113599	10.0000	8.6
12	Bromoethene	106	5.955	5.950	(0.675)	209791	10.0000	8.7
13	Trichlorofluoromethane	101	6.019	6.014	(0.682)	595440	10.0000	8.8
18	1,1-Dichloroethene	96	6.790	6.790	(0.769)	197789	10.0000	8.7
22	3-Chloropropene	41	7.228	7.229	(0.819)	311542	10.0000	8.4
26	Methyl tert-Butyl Ether	73	7.624	7.624	(0.864)	598377	10.0000	9.7
27	trans-1,2-Dichloroethene	61	7.646	7.646	(0.866)	337141	10.0000	8.7
28	n-Hexane	57	7.822	7.822	(0.886)	372555	10.0000	8.8
29	1,1-Dichloroethane	63	8.090	8.085	(0.916)	416557	10.0000	8.7
M 40	1,2-Dichloroethene (total)	61				569940	20.0000	17

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gv.d
Report Date: 30-Sep-2008 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ppbv)	AMOUNTS ON-COL (ppbv)
	31 cis-1,2-Dichloroethene	96	8.614	8.609	(0.976)	232799	10.0000	8.8
*	32 Bromochloromethane	128	8.828	8.828	(1.000)	208742	10.0000	
	34 Chloroform	83	8.844	8.844	(1.002)	493572	10.0000	8.9
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.942)	537158	10.0000	9.0
	36 Cyclohexane	84	9.037	9.037	(0.945)	325928	10.0000	8.8
	37 Carbon Tetrachloride	117	9.138	9.138	(0.955)	575719	10.0000	8.9
	38 2,2,4-Trimethylpentane	57	9.256	9.251	(0.968)	1206139	10.0000	8.7
	39 Benzene	78	9.315	9.315	(0.974)	722145	10.0000	8.6
	41 1,2-Dichloroethane	62	9.352	9.352	(0.978)	338047	10.0000	9.0
	42 n-Heptane	43	9.363	9.363	(0.979)	490289	10.0000	8.9
*	43 1,4-Difluorobenzene	114	9.566	9.566	(1.000)	1023135	10.0000	
	45 Trichloroethene	95	9.791	9.791	(1.023)	337570	10.0000	8.9
	47 1,2-Dichloropropane	63	9.994	9.989	(1.045)	266865	10.0000	8.7
	50 Bromodichloromethane	83	10.171	10.171	(1.063)	558722	10.0000	9.3
	51 cis-1,3-Dichloropropene	75	10.492	10.492	(1.097)	416084	10.0000	9.0
	54 Toluene	92	10.732	10.733	(0.908)	532082	10.0000	8.7
	55 trans-1,3-Dichloropropene	75	10.888	10.888	(1.138)	431864	10.0000	9.3
	56 1,1,2-Trichloroethane	83	11.043	11.043	(0.934)	258616	10.0000	8.8
	57 Tetrachloroethene	166	11.144	11.145	(0.943)	527967	10.0000	8.8
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	594934	10.0000	9.3
	60 1,2-Dibromoethane	107	11.508	11.503	(0.973)	486683	10.0000	9.0
*	61 Chlorobenzene-d5	117	11.824	11.819	(1.000)	1005380	10.0000	
	63 Ethylbenzene	91	11.856	11.851	(1.003)	1183958	10.0000	8.8
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	932895	20.0000	18
	65 Xylene (o)	106	12.289	12.284	(1.039)	456685	10.0000	9.1
M	70 Xylene (total)	106				1389580	10.0000	28
	67 Bromoform	173	12.535	12.535	(1.060)	652195	10.0000	9.8
	69 1,1,2,2-Tetrachloroethane	83	12.813	12.814	(1.084)	676742	10.0000	9.2
	74 4-Ethyltoluene	105	12.958	12.958	(1.096)	1470432	10.0000	9.6
	75 1,3,5-Trimethylbenzene	105	12.995	12.996	(1.099)	1176047	10.0000	9.5

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Raw QC Data – TO-15 Volatile

Data File: /chem/C.i/Gsvr.p/gcpto15.b/gcp01pv.d

Page 3

Date : 09-SEP-2008 06:21

Client ID: VBFB

Instrument: C.i

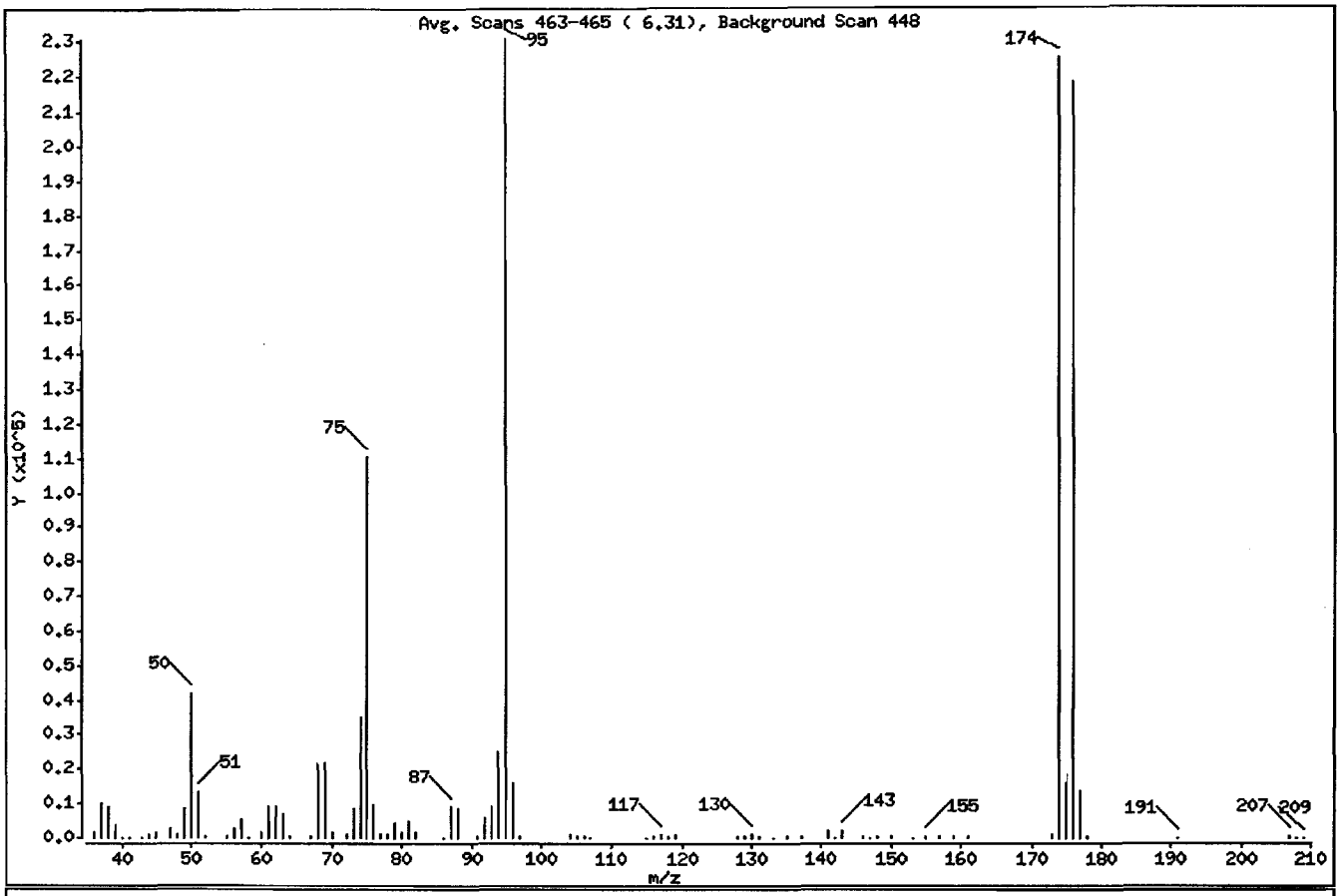
Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	18.15
75	30.00 - 66.00% of mass 95	47.73
96	5.00 - 9.00% of mass 95	6.98
173	Less than 2.00% of mass 174	0.52 (0.53)
174	50.00 - 120.00% of mass 95	97.81
175	4.00 - 9.00% of mass 174	6.87 (7.03)
176	93.00 - 101.00% of mass 174	94.79 (96.91)
177	5.00 - 9.00% of mass 176	6.07 (6.41)

Data File: /chem/G.i/Gsvr.p/gcpto15.b/gcp01pv.d

Date : 09-SEP-2008 06:21

Client ID: VBFB

Instrument: G.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32

Data File: gcp01pv.d
Spectrum: Avg. Scans 463-465 (6.31), Background Scan 448
Location of Maximum: 95.00
Number of points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1785	63.00	6927	93.00	8769	142.00	220
37.00	9941	64.00	609	94.00	24736	143.00	2152
38.00	9187	67.00	484	95.00	230784	146.00	365
39.00	3621	68.00	21176	96.00	16107	147.00	90
40.00	37	69.00	21864	97.00	490	148.00	563
41.00	162	70.00	1653	104.00	903	150.00	266
43.00	73	72.00	1019	105.00	289	153.00	83
44.00	983	73.00	8669	106.00	768	155.00	630
45.00	1815	74.00	34904	107.00	136	157.00	424
47.00	2853	75.00	110168	115.00	235	159.00	298
48.00	1180	76.00	9407	116.00	699	161.00	305
49.00	8325	77.00	1315	117.00	1314	173.00	1194
50.00	41888	78.00	828	118.00	726	174.00	225728
51.00	13009	79.00	4418	119.00	1033	175.00	15864
52.00	647	80.00	1749	128.00	792	176.00	218752
55.00	504	81.00	4619	129.00	371	177.00	14015
56.00	2832	82.00	1433	130.00	852	178.00	447
57.00	5291	86.00	216	131.00	322	191.00	85
58.00	147	87.00	8884	133.00	71	207.00	274
60.00	1712	88.00	8460	135.00	439	208.00	20
61.00	8998	91.00	677	137.00	332	209.00	83
62.00	9106	92.00	5618	141.00	2130		

Data File: /chem/C.i/Csvr.p/gcpto15.b/gcp01pv.d

Date : 09-SEP-2008 06:21

Client ID: VBFB

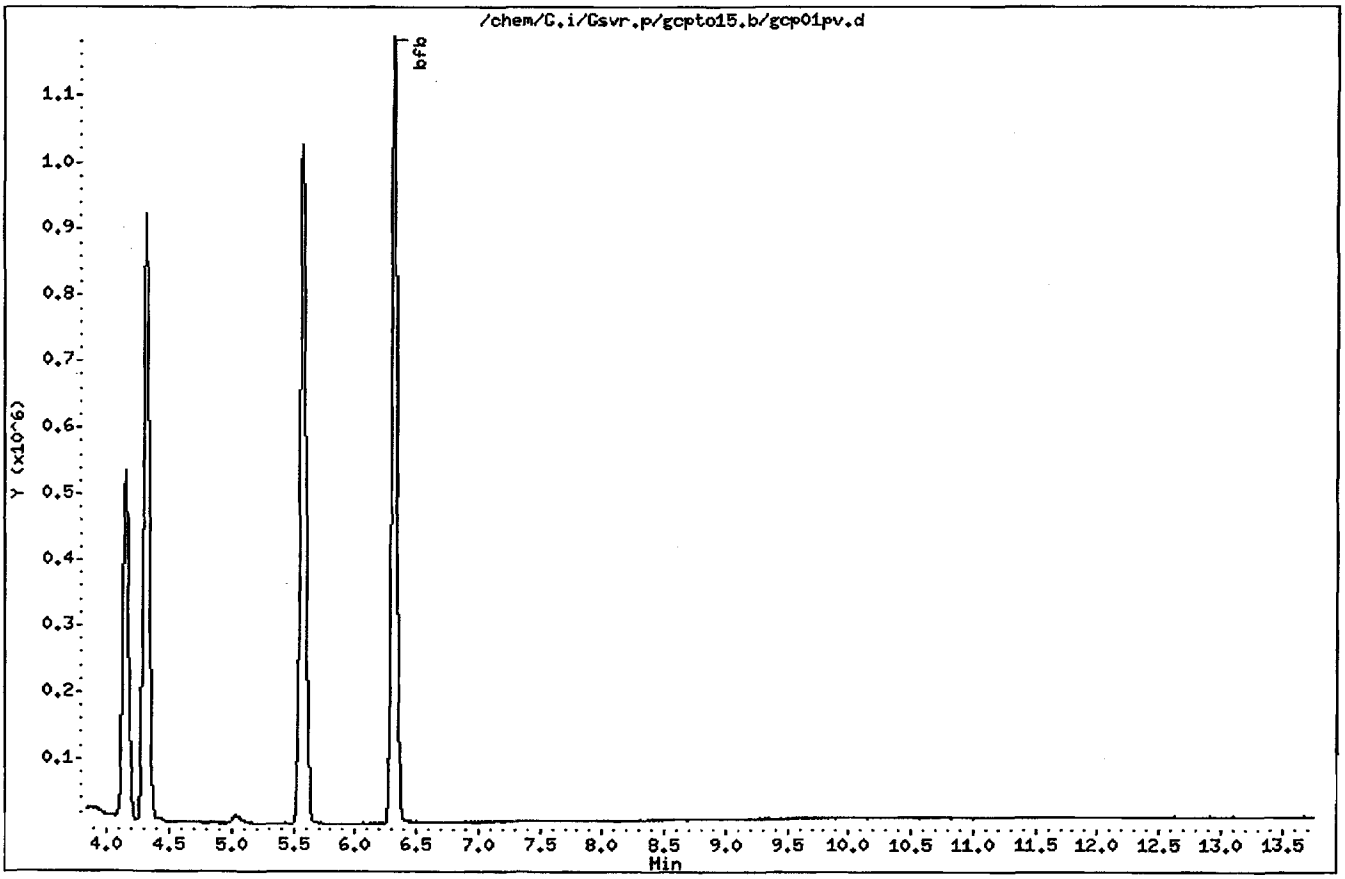
Instrument: C.i

Sample Info: VBFB

Operator: njr

Column phase: RTX-624

Column diameter: 0.32



Data File: /chem/C.i/Gsvr.p/gcpgto15cmp.b/gcp08pv.d

Date : 19-SEP-2008 10:02

Client ID: VBFB

Instrument: C.i

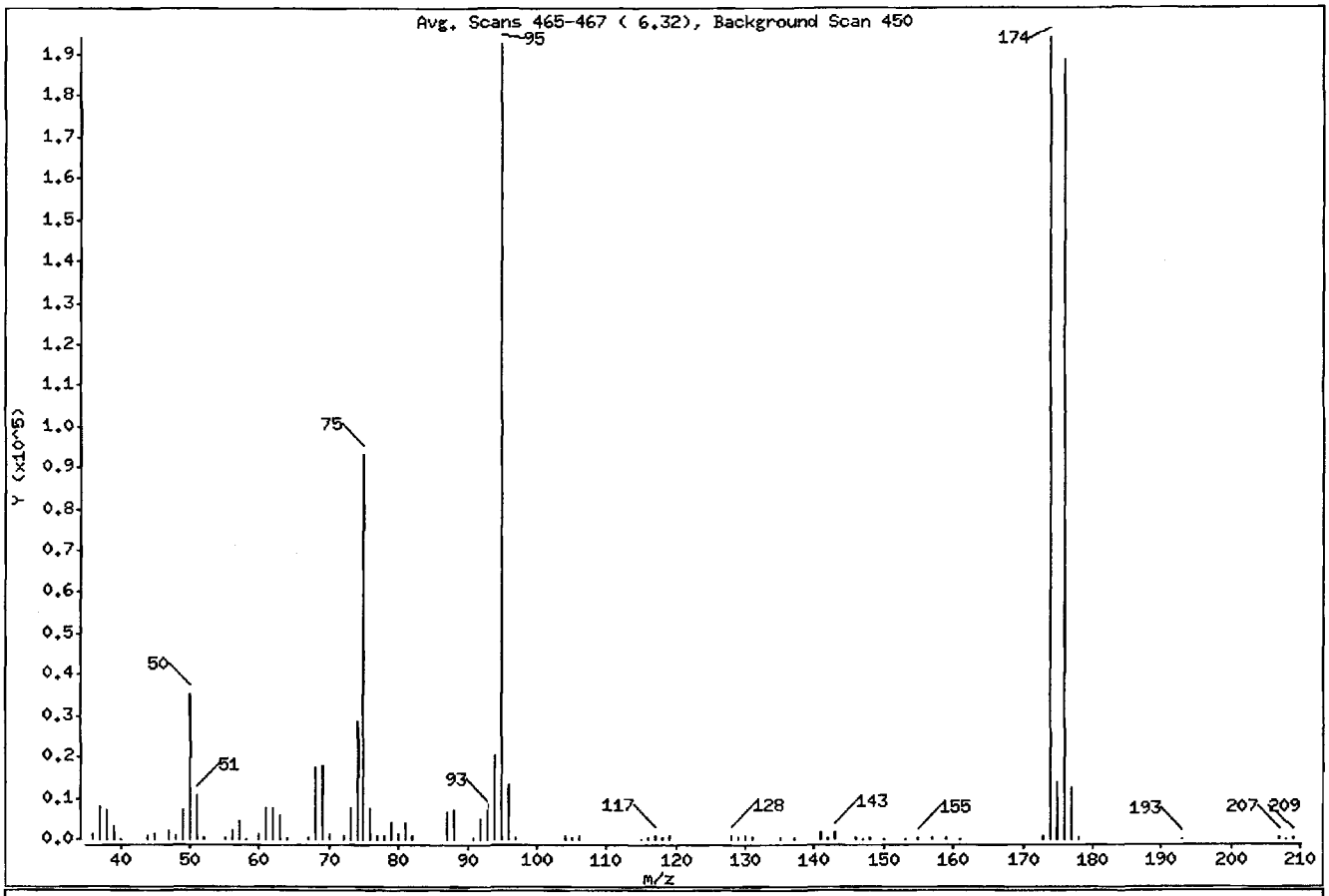
Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

$ 1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	8.00 - 40.00% of mass 95	18.18
75	30.00 - 66.00% of mass 95	48.29
96	5.00 - 9.00% of mass 95	6.94
173	Less than 2.00% of mass 174	0.56 (0.55)
174	50.00 - 120.00% of mass 95	100.70
175	4.00 - 9.00% of mass 174	7.08 (7.03)
176	93.00 - 101.00% of mass 174	97.83 (97.15)
177	5.00 - 9.00% of mass 176	6.56 (6.71)

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp08pv.d

Date : 19-SEP-2008 10:02

Client ID: VBFB

Instrument: G.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32

Data File: gcp08pv.d
Spectrum: Avg. Scans 465-467 (6.32), Background Scan 450
Location of Maximum: 174.00
Number of points: 82

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1505	64.00	509	94.00	20600	146.00	279
37.00	8116	67.00	415	95.00	192704	147.00	148
38.00	7242	68.00	17360	96.00	13380	148.00	516
39.00	3125	69.00	17928	97.00	416	150.00	74
40.00	182	70.00	1438	104.00	684	153.00	72
44.00	714	72.00	827	105.00	232	155.00	520
45.00	1544	73.00	7381	106.00	707	157.00	356
47.00	2287	74.00	28744	115.00	75	159.00	254
48.00	1011	75.00	93056	116.00	646	161.00	178
49.00	6923	76.00	7806	117.00	1098	173.00	1073
50.00	35040	77.00	1040	118.00	599	174.00	194048
51.00	10677	78.00	838	119.00	956	175.00	13651
52.00	492	79.00	3912	128.00	744	176.00	188544
55.00	353	80.00	1452	129.00	334	177.00	12648
56.00	2119	81.00	3985	130.00	681	178.00	353
57.00	4430	82.00	1055	131.00	256	193.00	138
58.00	73	87.00	6866	135.00	515	207.00	546
60.00	1387	88.00	7044	137.00	354	208.00	12
61.00	7498	91.00	581	141.00	1757	209.00	228
62.00	7495	92.00	4762	142.00	235		
63.00	5630	93.00	7264	143.00	2001		

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp08pv.d

Date : 19-SEP-2008 10:02

Client ID: VBFB

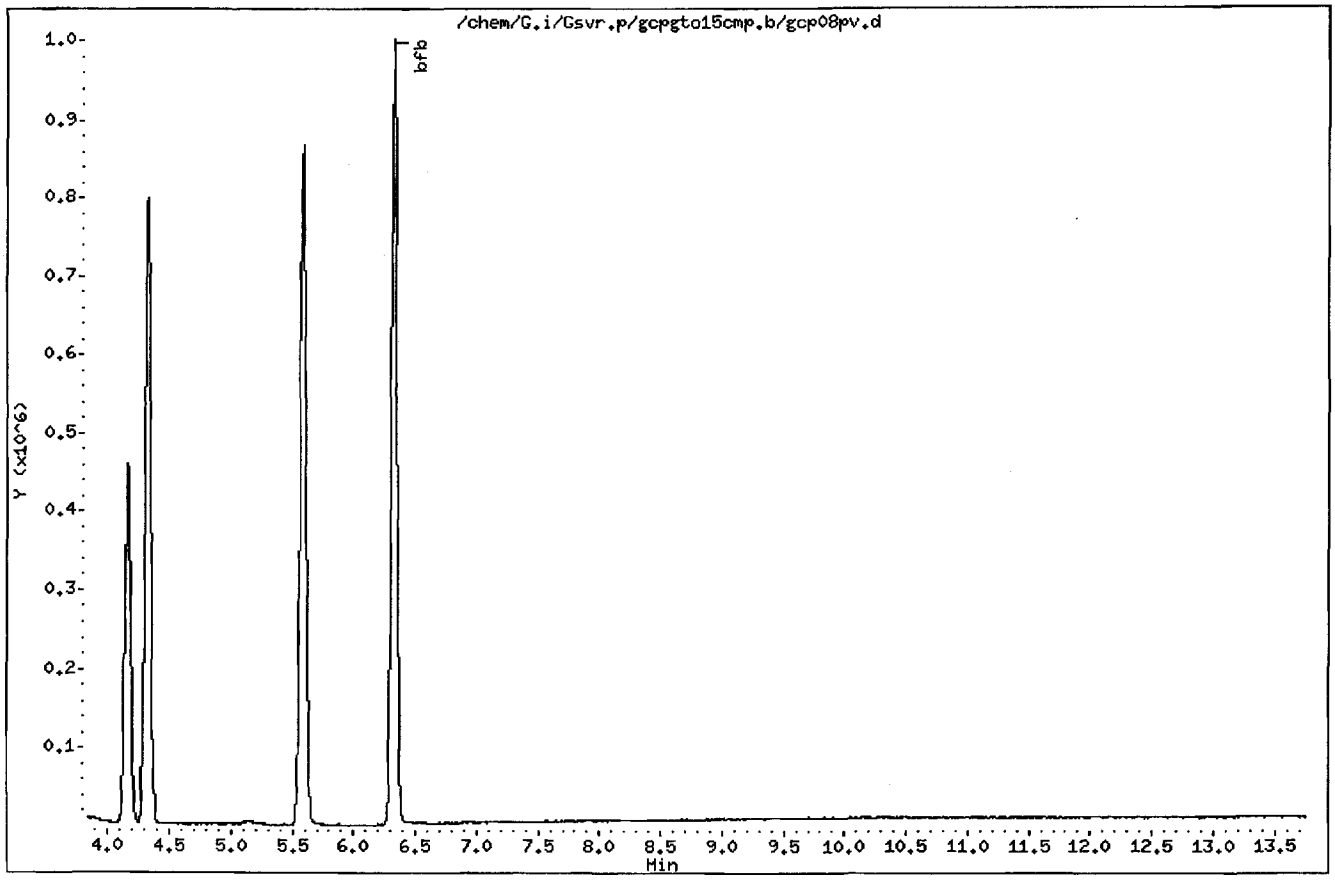
Instrument: G.i

Sample Info: VBFB

Operator: wrd

Column phase: RTX-624

Column diameter: 0.32



FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MBLK091908GA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: MBLK091908GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCPB01G

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	0.50	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.20	U
75-01-4	Vinyl Chloride	0.20	U
106-99-0	1,3-Butadiene	0.50	U
74-83-9	Bromomethane	0.20	U
75-00-3	Chloroethane	0.50	U
593-60-2	Bromoethene	0.20	U
75-69-4	Trichlorofluoromethane	0.20	U
75-35-4	1,1-Dichloroethene	0.20	U
107-05-1	3-Chloropropene	0.50	U
1634-04-4	Methyl tert-Butyl Ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.20	U
110-54-3	n-Hexane	0.50	U
75-34-3	1,1-Dichloroethane	0.20	U
156-59-2	cis-1,2-Dichloroethene	0.20	U
67-66-3	Chloroform	0.20	U
71-55-6	1,1,1-Trichloroethane	0.20	U
110-82-7	Cyclohexane	0.20	U
56-23-5	Carbon Tetrachloride	0.20	U
540-84-1	2,2,4-Trimethylpentane	0.20	U
71-43-2	Benzene	0.20	U
540-59-0	1,2-Dichloroethene (total)	0.20	U
107-06-2	1,2-Dichloroethane	0.20	U
142-82-5	n-Heptane	0.20	U
79-01-6	Trichloroethene	0.20	U
78-87-5	1,2-Dichloropropane	0.20	U
75-27-4	Bromodichloromethane	0.20	U
10061-01-5	cis-1,3-Dichloropropene	0.20	U
108-88-3	Toluene	0.20	U
10061-02-6	trans-1,3-Dichloropropene	0.20	U
79-00-5	1,1,2-Trichloroethane	0.20	U
127-18-4	Tetrachloroethene	0.20	U
124-48-1	Dibromochloromethane	0.20	U

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
MBLK091908GA

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: MBLK091908GA

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCPB01G

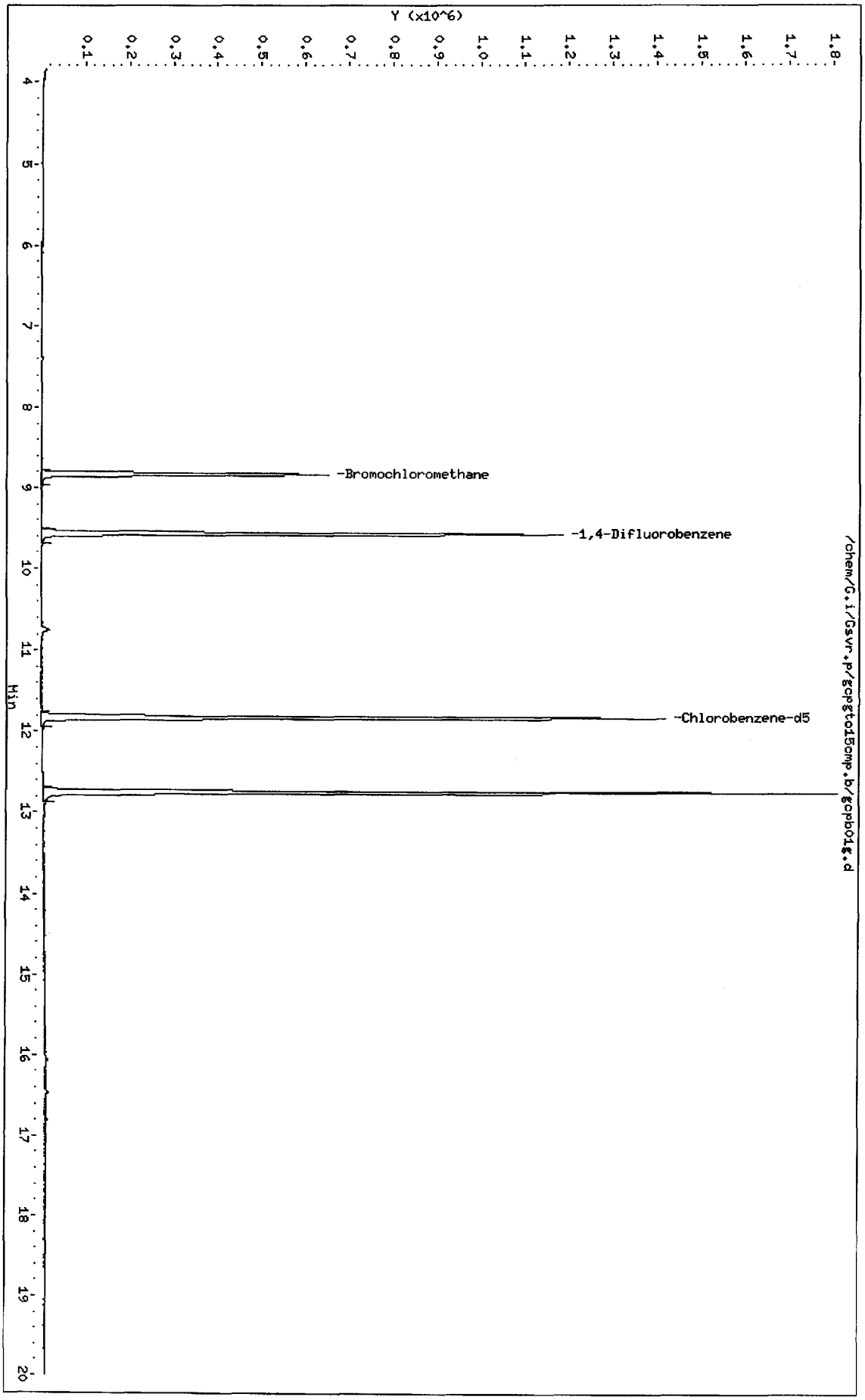
Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	0.20	U
100-41-4	Ethylbenzene	0.20	U
1330-20-7	Xylene (m,p)	0.50	U
95-47-6	Xylene (o)	0.20	U
75-25-2	Bromoform	0.20	U
79-34-5	1,1,2,2-Tetrachloroethane	0.20	U
1330-20-7	Xylene (total)	0.20	U
622-96-8	4-Ethyltoluene	0.20	U
108-67-8	1,3,5-Trimethylbenzene	0.20	U



Data File: /chem/G.i/Gsvr.p/gcpgtol5cmp.b/gcpb01g.d
Date : 19-SEP-2008 13:38
Client ID: MBLK091908CA
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: wrd
Column diameter: 0.32

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcpb01g.d Page 1
Report Date: 30-Sep-2008 13:37

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcpb01g.d
Lab Smp Id: MBLK091908GA Client Smp ID: MBLK091908GA
Inj Date : 19-SEP-2008 13:38
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : MBLK091908GA;091908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpgto15cmp.b/sto15.m
Meth Date : 30-Sep-2008 13:36 cmp Quant Type: ISTD
Cal Date : 09-SEP-2008 13:09 Cal File: gcp40v.d
Als bottle: 4 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1	Dichlorodifluoromethane	85	Compound Not Detected.					
3	1,2-Dichlorotetrafluoroethane	85	Compound Not Detected.					
6	Vinyl Chloride	62	Compound Not Detected.					
7	1,3-Butadiene	54	Compound Not Detected.					
9	Bromomethane	94	Compound Not Detected.					
10	Chloroethane	64	Compound Not Detected.					
12	Bromoethene	106	Compound Not Detected.					
13	Trichlorofluoromethane	101	Compound Not Detected.					
18	1,1-Dichloroethene	96	Compound Not Detected.					
22	3-Chloropropene	41	Compound Not Detected.					
26	Methyl tert-Butyl Ether	73	Compound Not Detected.					
27	trans-1,2-Dichloroethene	61	Compound Not Detected.					
28	n-Hexane	57	Compound Not Detected.					
29	1,1-Dichloroethane	63	Compound Not Detected.					
M 40	1,2-Dichloroethene (total)	61	Compound Not Detected.					

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcpb01g.d
Report Date: 30-Sep-2008 13:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	CONCENTRATIONS FINAL (ppbv)	
	31 cis-1,2-Dichloroethene	96	Compound Not Detected.						
*	32 Bromochloromethane	128	8.828	8.828	(1.000)	240390	10.0000		(Q)
	34 Chloroform	83	Compound Not Detected.						
	35 1,1,1-Trichloroethane	97	Compound Not Detected.						
	36 Cyclohexane	84	Compound Not Detected.						
	37 Carbon Tetrachloride	117	Compound Not Detected.						
	38 2,2,4-Trimethylpentane	57	Compound Not Detected.						
	39 Benzene	78	Compound Not Detected.						
	41 1,2-Dichloroethane	62	Compound Not Detected.						
	42 n-Heptane	43	Compound Not Detected.						
*	43 1,4-Difluorobenzene	114	9.566	9.566	(1.000)	1208112	10.0000		
	45 Trichloroethene	95	Compound Not Detected.						
	47 1,2-Dichloropropane	63	Compound Not Detected.						
	50 Bromodichloromethane	83	Compound Not Detected.						
	51 cis-1,3-Dichloropropene	75	Compound Not Detected.						
	54 Toluene	92	Compound Not Detected.						
	55 trans-1,3-Dichloropropene	75	Compound Not Detected.						
	56 1,1,2-Trichloroethane	83	Compound Not Detected.						
	57 Tetrachloroethene	166	Compound Not Detected.						
	59 Dibromochloromethane	129	Compound Not Detected.						
	60 1,2-Dibromoethane	107	Compound Not Detected.						
*	61 Chlorobenzene-d5	117	11.824	11.819	(1.000)	1136907	10.0000		
	63 Ethylbenzene	91	Compound Not Detected.						
	64 Xylene (m,p)	106	Compound Not Detected.						
	65 Xylene (o)	106	Compound Not Detected.						
M	70 Xylene (total)	106	Compound Not Detected.						
	67 Bromoform	173	Compound Not Detected.						
	69 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.						
	74 4-Ethyltoluene	105	Compound Not Detected.						
	75 1,3,5-Trimethylbenzene	105	Compound Not Detected.						

QC Flag Legend

Q - Qualifier signal failed the ratio test.

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
GA091908LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: GA091908LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCP10GQ

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	9.2	
76-14-2	1,2-Dichlorotetrafluoroethan	8.9	
75-01-4	Vinyl Chloride	8.6	
106-99-0	1,3-Butadiene	9.1	
74-83-9	Bromomethane	8.7	
75-00-3	Chloroethane	8.8	
593-60-2	Bromoethene	9.3	
75-69-4	Trichlorofluoromethane	9.0	
75-35-4	1,1-Dichloroethene	10	
107-05-1	3-Chloropropene	9.3	
1634-04-4	Methyl tert-Butyl Ether	9.8	
156-60-5	trans-1,2-Dichloroethene	9.0	
110-54-3	n-Hexane	9.2	
75-34-3	1,1-Dichloroethane	9.0	
156-59-2	cis-1,2-Dichloroethene	9.6	
67-66-3	Chloroform	9.1	
71-55-6	1,1,1-Trichloroethane	9.3	
110-82-7	Cyclohexane	9.5	
56-23-5	Carbon Tetrachloride	9.2	
540-84-1	2,2,4-Trimethylpentane	9.2	
71-43-2	Benzene	9.2	
540-59-0	1,2-Dichloroethene (total)	19	
107-06-2	1,2-Dichloroethane	9.0	
142-82-5	n-Heptane	9.1	
79-01-6	Trichloroethene	9.2	
78-87-5	1,2-Dichloropropane	8.8	
75-27-4	Bromodichloromethane	9.7	
10061-01-5	cis-1,3-Dichloropropene	9.0	
108-88-3	Toluene	9.1	
10061-02-6	trans-1,3-Dichloropropene	9.0	
79-00-5	1,1,2-Trichloroethane	8.7	
127-18-4	Tetrachloroethene	9.2	
124-48-1	Dibromochloromethane	10	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
GA091908LCS

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: GA091908LCS

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCP10GQ

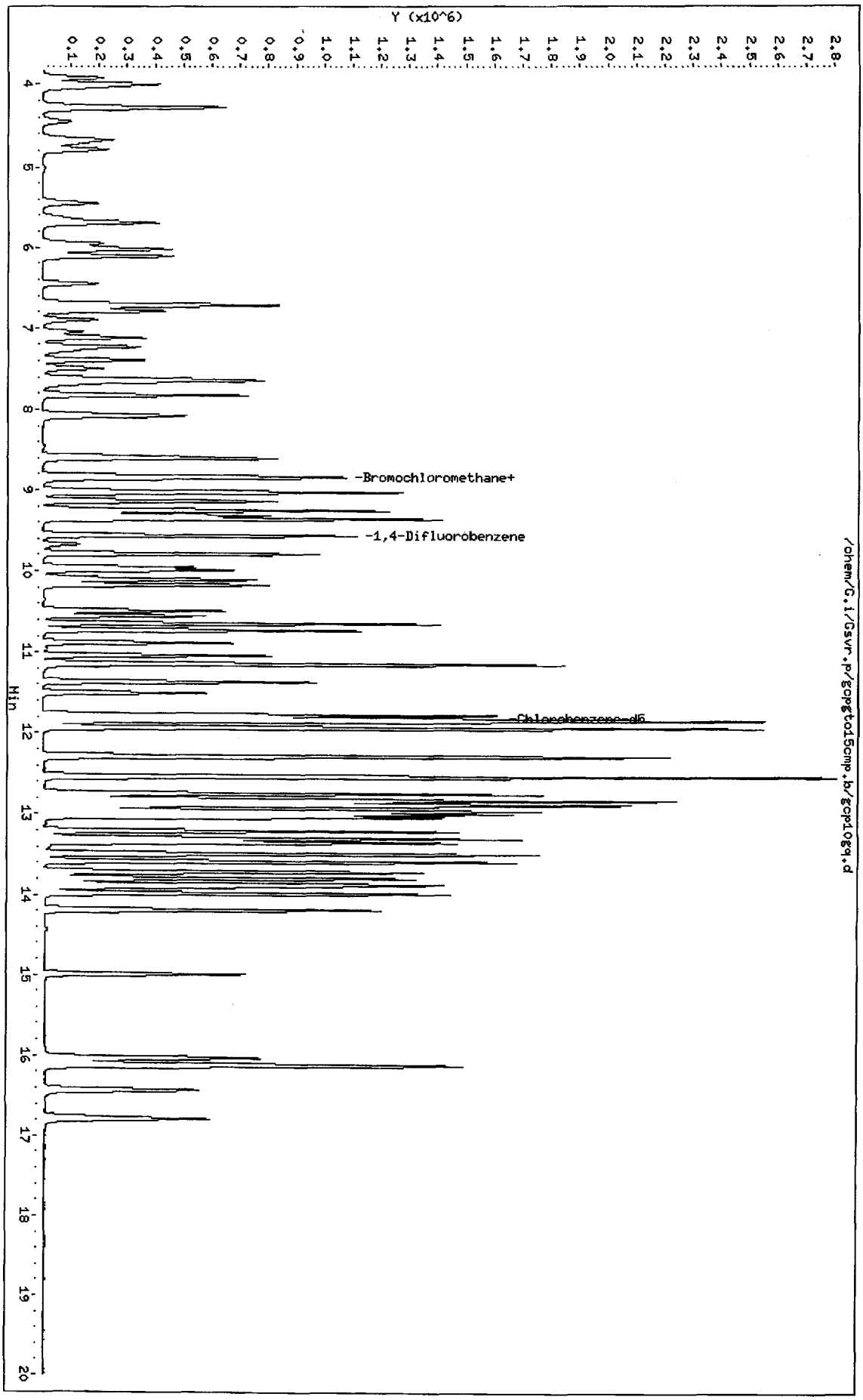
Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	9.2	
100-41-4	Ethylbenzene	9.2	
1330-20-7	Xylene (m,p)	19	
95-47-6	Xylene (o)	9.3	
75-25-2	Bromoform	10	
79-34-5	1,1,2,2-Tetrachloroethane	9.1	
1330-20-7	Xylene (total)	29	
622-96-8	4-Ethyltoluene	10	
108-67-8	1,3,5-Trimethylbenzene	9.5	


Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gq.d
Date : 19-SEP-2008 11:57
Client ID: GA091908LCS
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624
Instrument: G.i
Operator: wrd
Column diameter: 0.32
Page 3
Y (x10^6)
Min
-Bromochloromethane+
-1,4-Difluorobenzene
Chlorobenzene-d5
/chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gq.d

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gq.d Page 1
Report Date: 30-Sep-2008 13:36

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gq.d
Lab Smp Id: GA091908LCS Client Smp ID: GA091908LCS
Inj Date : 19-SEP-2008 11:57
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : GA091908LCS;091908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpgto15cmp.b/sto15.m
Meth Date : 30-Sep-2008 13:36 cmp Quant Type: ISTD
Cal Date : 09-SEP-2008 13:09 Cal File: gcp40v.d
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1	Dichlorodifluoromethane	85	3.997	3.997	(0.453)	637614	9.24911	9.2
3	1,2-Dichlorotetrafluoroethane	85	4.281	4.281	(0.485)	660044	8.89506	8.9
6	Vinyl Chloride	62	4.714	4.709	(0.534)	244395	8.59919	8.6
7	1,3-Butadiene	54	4.789	4.784	(0.542)	189747	9.07854	9.1
9	Bromomethane	94	5.447	5.447	(0.617)	229557	8.70934	8.7
10	Chloroethane	64	5.629	5.629	(0.638)	128730	8.78588	8.8
12	Bromoethene	106	5.955	5.950	(0.675)	249541	9.27980	9.3
13	Trichlorofluoromethane	101	6.019	6.014	(0.682)	673710	8.97847	9.0
18	1,1-Dichloroethene	96	6.790	6.790	(0.769)	258715	10.2011	10
22	3-Chloropropene	41	7.234	7.229	(0.819)	385998	9.34156	9.3
26	Methyl tert-Butyl Ether	73	7.624	7.624	(0.864)	677240	9.83116	9.8
27	trans-1,2-Dichloroethene	61	7.646	7.646	(0.866)	389913	9.00207	9.0
28	n-Hexane	57	7.822	7.822	(0.886)	431650	9.20369	9.2
29	1,1-Dichloroethane	63	8.090	8.085	(0.916)	482328	8.99990	9.0
M 40	1,2-Dichloroethene (total)	61				673199	18.5739	19

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gq.d
Report Date: 30-Sep-2008 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	31 cis-1,2-Dichloroethene	96	8.609	8.609	(0.975)	283286	9.57185	9.6
*	32 Bromochloromethane	128	8.828	8.828	(1.000)	232323	10.0000	
	34 Chloroform	83	8.844	8.844	(1.002)	564579	9.11043	9.1
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.942)	606968	9.27189	9.3
	36 Cyclohexane	84	9.037	9.037	(0.945)	383006	9.46317	9.5
	37 Carbon Tetrachloride	117	9.138	9.138	(0.955)	644570	9.15466	9.2
	38 2,2,4-Trimethylpentane	57	9.251	9.251	(0.967)	1390281	9.22360	9.2
	39 Benzene	78	9.315	9.315	(0.974)	837517	9.15412	9.2
	41 1,2-Dichloroethane	62	9.352	9.352	(0.978)	367818	9.01013	9.0
	42 n-Heptane	43	9.363	9.363	(0.979)	548832	9.08031	9.1
*	43 1,4-Difluorobenzene	114	9.566	9.566	(1.000)	1117327	10.0000	
	45 Trichloroethene	95	9.791	9.791	(1.023)	380739	9.24337	9.2
	47 1,2-Dichloropropane	63	9.994	9.989	(1.045)	293127	8.77159	8.8
	50 Bromodichloromethane	83	10.171	10.171	(1.063)	636957	9.66234	9.7
	51 cis-1,3-Dichloropropene	75	10.492	10.492	(1.097)	454963	8.97189	9.0
	54 Toluene	92	10.732	10.733	(0.908)	587872	9.12589	9.1
	55 trans-1,3-Dichloropropene	75	10.888	10.888	(1.138)	459129	9.04640	9.0
	56 1,1,2-Trichloroethane	83	11.043	11.043	(0.934)	271291	8.72399	8.7
	57 Tetrachloroethene	166	11.144	11.145	(0.943)	580809	9.15428	9.2
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	676499	10.0097	10(M)
	60 1,2-Dibromoethane	107	11.508	11.503	(0.974)	525700	9.20628	9.2
*	61 Chlorobenzene-d5	117	11.818	11.819	(1.000)	1061547	10.0000	
	63 Ethylbenzene	91	11.856	11.851	(1.003)	1305774	9.21741	9.2
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	1022932	18.9257	19
	65 Xylene (o)	106	12.289	12.284	(1.040)	491196	9.29330	9.3
M	70 Xylene (total)	106				1514128	28.6469	29
	67 Bromoform	173	12.535	12.535	(1.061)	730852	10.3478	10
	69 1,1,2,2-Tetrachloroethane	83	12.813	12.814	(1.084)	710289	9.09723	9.1
	74 4-Ethyltoluene	105	12.958	12.958	(1.096)	1655972	10.1879	10
	75 1,3,5-Trimethylbenzene	105	12.995	12.996	(1.100)	1232834	9.46234	9.5

QC Flag Legend

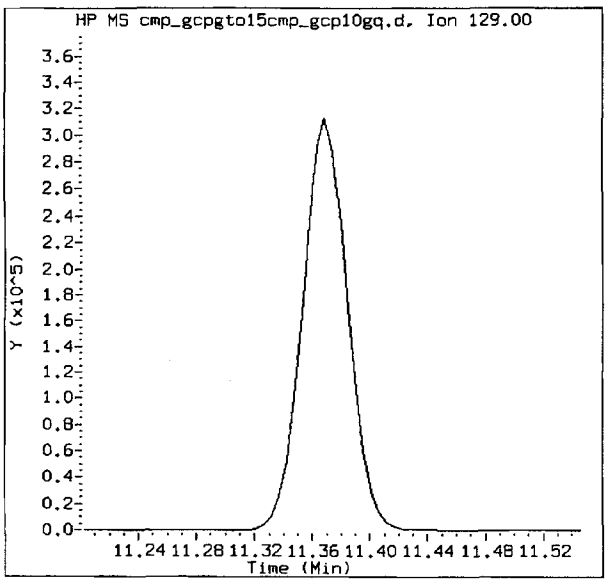
M - Compound response manually integrated.

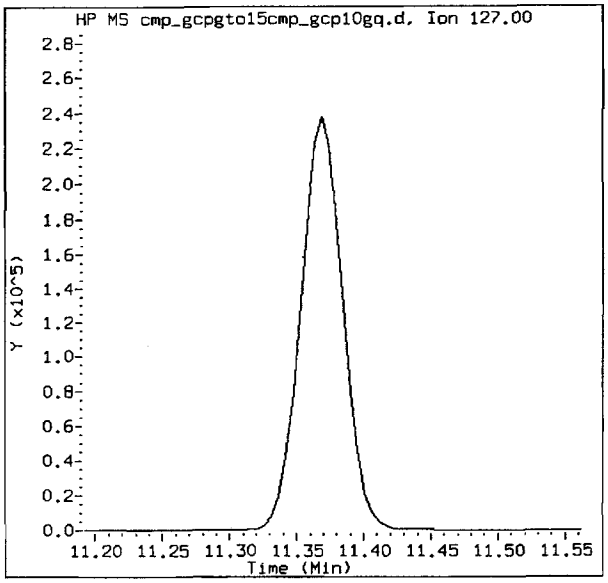
MANUAL INTEGRATION REPORT

Data File Name: gcp10gq.d
Client Sample ID: GA091908LCS
Compound Name: Dibromochloromethane

Inj. Date and Time: 19-SEP-2008 11:57
Instrument ID: G.i
CAS #: 124-48-1

Target Version: Target 3.50
Report Version: 1.1
Report Date: 09/30/2008 13:36





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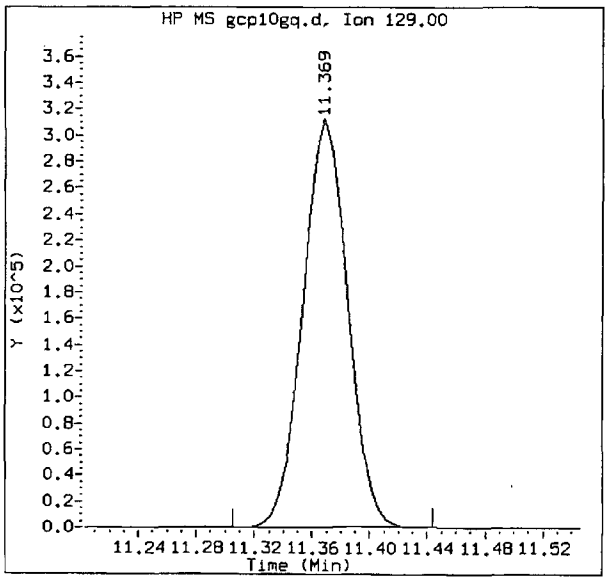
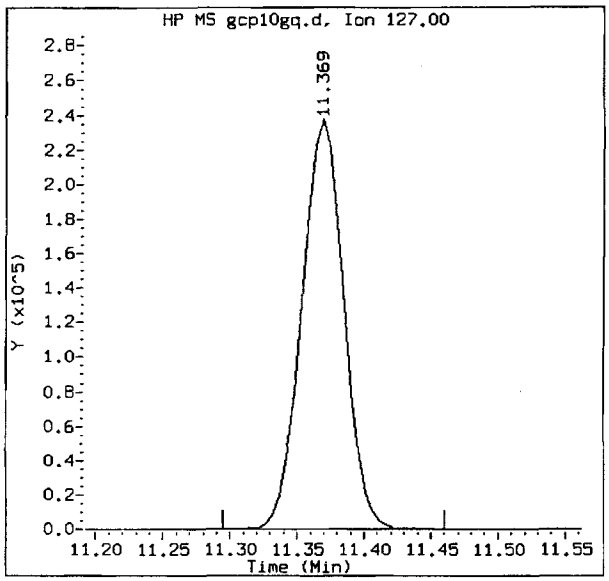
Area = 0





Final Integrations:

Area = 676499

Area = 519526

Manual Integration Reason: MI2 - Peak missed

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
GA091908LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: GA091908LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCP10GQD

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
75-71-8	Dichlorodifluoromethane	8.9	
76-14-2	1,2-Dichlorotetrafluoroethan	8.7	
75-01-4	Vinyl Chloride	8.3	
106-99-0	1,3-Butadiene	8.8	
74-83-9	Bromomethane	8.6	
75-00-3	Chloroethane	8.6	
593-60-2	Bromoethene	9.2	
75-69-4	Trichlorofluoromethane	8.7	
75-35-4	1,1-Dichloroethene	10	
107-05-1	3-Chloropropene	9.0	
1634-04-4	Methyl tert-Butyl Ether	9.6	
156-60-5	trans-1,2-Dichloroethene	8.7	
110-54-3	n-Hexane	9.0	
75-34-3	1,1-Dichloroethane	8.7	
156-59-2	cis-1,2-Dichloroethene	9.3	
67-66-3	Chloroform	8.8	
71-55-6	1,1,1-Trichloroethane	8.7	
110-82-7	Cyclohexane	9.1	
56-23-5	Carbon Tetrachloride	8.6	
540-84-1	2,2,4-Trimethylpentane	8.8	
71-43-2	Benzene	8.8	
540-59-0	1,2-Dichloroethene (total)	18	
107-06-2	1,2-Dichloroethane	8.6	
142-82-5	n-Heptane	8.6	
79-01-6	Trichloroethene	8.8	
78-87-5	1,2-Dichloropropane	8.5	
75-27-4	Bromodichloromethane	9.1	
10061-01-5	cis-1,3-Dichloropropene	8.7	
108-88-3	Toluene	8.8	
10061-02-6	trans-1,3-Dichloropropene	8.7	
79-00-5	1,1,2-Trichloroethane	8.3	
127-18-4	Tetrachloroethene	8.8	
124-48-1	Dibromochloromethane	9.5	

FORM I VOA

FORM 1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

GA091908LCSD

Lab Name: TESTAMERICA BURLINGTON Contract: 28012

Lab Code: STLV Case No.: BENCHMAK SAS No.: SDG No.: A08B403

Matrix: (soil/water) AIR Lab Sample ID: GA091908LCSD

Sample wt/vol: 200.0 (g/mL) ML Lab File ID: GCP10GQD

Level: (low/med) LOW Date Received: _____

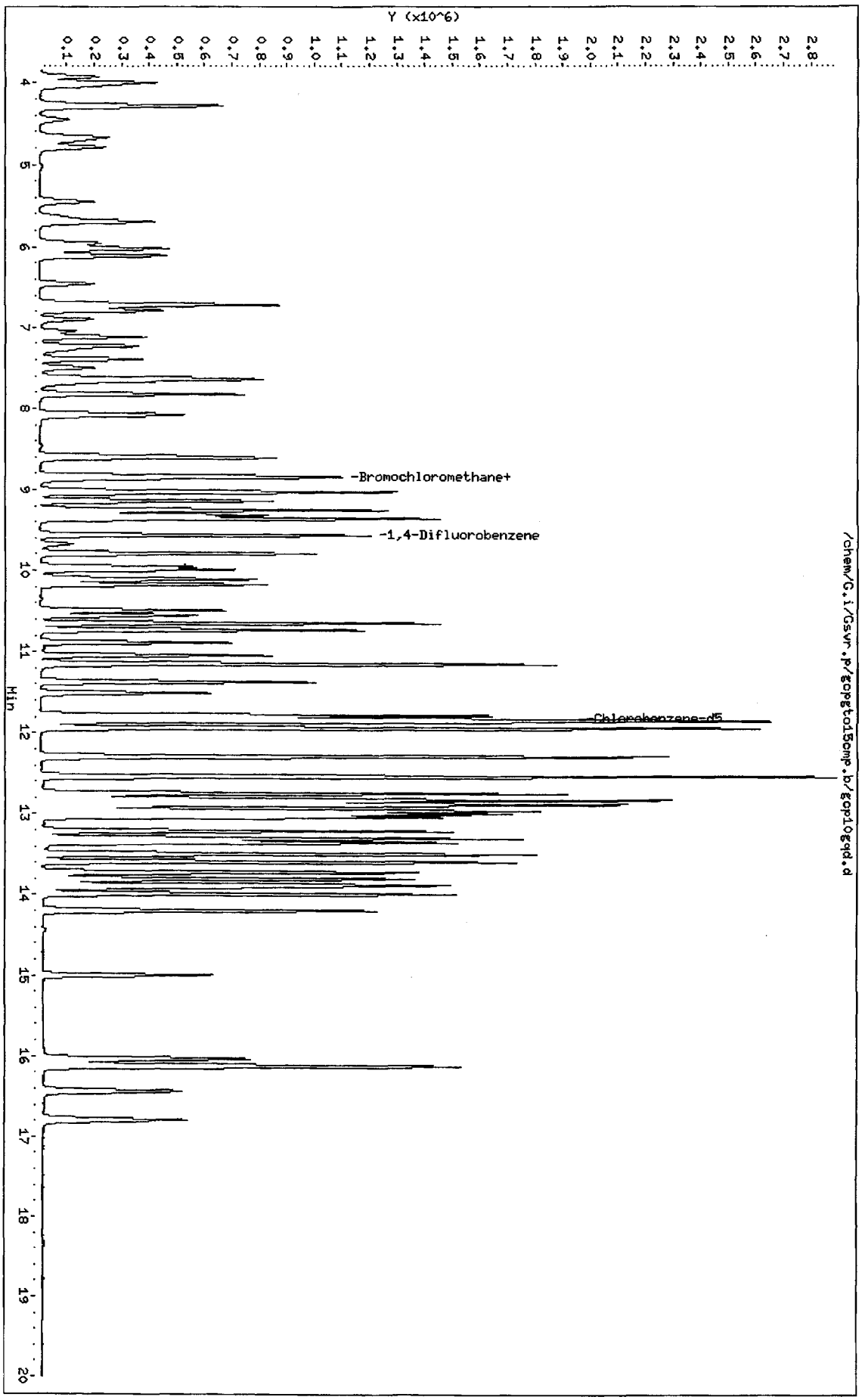
% Moisture: not dec. _____ Date Analyzed: 09/19/08

GC Column: RTX-624 ID: 0.32 (mm) Dilution Factor: 1.0

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

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) PPBV	Q
106-93-4	1,2-Dibromoethane	8.8	
100-41-4	Ethylbenzene	8.7	
1330-20-7	Xylene (m,p)	18	
95-47-6	Xylene (o)	8.8	
75-25-2	Bromoform	9.8	
79-34-5	1,1,2,2-Tetrachloroethane	8.5	
1330-20-7	Xylene (total)	27	
622-96-8	4-Ethyltoluene	9.4	
108-67-8	1,3,5-Trimethylbenzene	9.1	

FORM I VOA



Data File: /chem/G.i/Gsvr.p/gcpgtol5cmp.b/gcp10gqd.d
Date : 19-SEP-2008 12:47
Client ID: GA091908LCSD
Sample Info:
Purge Volume: 200.0
Column phase: RTX-624

Instrument: G.i
Operator: wrd
Column diameter: 0.32

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gqd.d Page 1
Report Date: 30-Sep-2008 13:36

TestAmerica Burlington

AIR TOXICS QUANTITATION REPORT

Data file : /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gqd.d
Lab Smp Id: GA091908LCSD Client Smp ID: GA091908LCSD
Inj Date : 19-SEP-2008 12:47
Operator : wrd Inst ID: G.i
Smp Info :
Misc Info : GA091908LCSD;091908GA;1;200
Comment :
Method : /chem/G.i/Gsvr.p/gcpgto15cmp.b/sto15.m
Meth Date : 30-Sep-2008 13:36 cmp Quant Type: ISTD
Cal Date : 09-SEP-2008 13:09 Cal File: gcp40v.d
Als bottle: 3 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TO15LL.sub
Target Version: 3.50
Processing Host: chemsvr6

Concentration Formula: Amt * DF * Uf*(Vo/Vo) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vo	200.00000	Sample Volume purged (mL)

Cpnd Variable Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
1	Dichlorodifluoromethane	85	3.997	3.997	(0.453)	651491	8.90554	8.9
3	1,2-Dichlorotetrafluoroethane	85	4.281	4.281	(0.485)	686429	8.71729	8.7
6	Vinyl Chloride	62	4.714	4.709	(0.534)	251425	8.33650	8.3
7	1,3-Butadiene	54	4.789	4.784	(0.542)	195298	8.80540	8.8
9	Bromomethane	94	5.452	5.447	(0.618)	239373	8.55816	8.6
10	Chloroethane	64	5.629	5.629	(0.638)	134449	8.64715	8.6
12	Bromoethene	106	5.955	5.950	(0.675)	261459	9.16242	9.2
13	Trichlorofluoromethane	101	6.019	6.014	(0.682)	690808	8.67555	8.7
18	1,1-Dichloroethene	96	6.790	6.790	(0.769)	269929	10.0296	10
22	3-Chloropropene	41	7.234	7.229	(0.819)	395988	9.03081	9.0
26	Methyl tert-Butyl Ether	73	7.624	7.624	(0.864)	703796	9.62763	9.6
27	trans-1,2-Dichloroethene	61	7.646	7.646	(0.866)	401805	8.74178	8.7
28	n-Hexane	57	7.822	7.822	(0.886)	447057	8.98262	9.0
29	1,1-Dichloroethane	63	8.090	8.085	(0.916)	496654	8.73292	8.7
M 40	1,2-Dichloroethene (total)	61				694727	18.0686	18

Data File: /chem/G.i/Gsvr.p/gcpgto15cmp.b/gcp10gqd.d
Report Date: 30-Sep-2008 13:36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ppbv)	FINAL (ppbv)
	31 cis-1,2-Dichloroethene	96	8.609	8.609	(0.975)	292922	9.32680	9.3
*	32 Bromochloromethane	128	8.828	8.828	(1.000)	246537	10.0000	
	34 Chloroform	83	8.844	8.844	(1.002)	580475	8.82689	8.8
	35 1,1,1-Trichloroethane	97	9.015	9.015	(0.942)	620094	8.71690	8.7
	36 Cyclohexane	84	9.037	9.037	(0.945)	399507	9.08358	9.1
	37 Carbon Tetrachloride	117	9.138	9.138	(0.955)	660128	8.62784	8.6
	38 2,2,4-Trimethylpentane	57	9.251	9.251	(0.967)	1442041	8.80395	8.8
	39 Benzene	78	9.315	9.315	(0.974)	877884	8.83003	8.8
	41 1,2-Dichloroethane	62	9.352	9.352	(0.978)	380219	8.57104	8.6
	42 n-Heptane	43	9.363	9.363	(0.979)	561901	8.55506	8.6
*	43 1,4-Difluorobenzene	114	9.566	9.566	(1.000)	1214167	10.0000	
	45 Trichloroethene	95	9.791	9.791	(1.023)	391880	8.75504	8.8
	47 1,2-Dichloropropane	63	9.994	9.989	(1.045)	309729	8.52916	8.5
	50 Bromodichloromethane	83	10.171	10.171	(1.063)	655432	9.14959	9.1
	51 cis-1,3-Dichloropropene	75	10.492	10.492	(1.097)	478938	8.69139	8.7
	54 Toluene	92	10.732	10.733	(0.908)	621414	8.81147	8.8
	55 trans-1,3-Dichloropropene	75	10.888	10.888	(1.138)	480138	8.70581	8.7
	56 1,1,2-Trichloroethane	83	11.043	11.043	(0.934)	283900	8.33911	8.3
	57 Tetrachloroethene	166	11.144	11.145	(0.943)	608041	8.75384	8.8
	59 Dibromochloromethane	129	11.369	11.369	(0.962)	706512	9.54880	9.5
	60 1,2-Dibromoethane	107	11.508	11.503	(0.973)	552046	8.83073	8.8
*	61 Chlorobenzene-d5	117	11.824	11.819	(1.000)	1162156	10.0000	
	63 Ethylbenzene	91	11.856	11.851	(1.003)	1348353	8.69399	8.7
	64 Xylene (m,p)	106	11.936	11.936	(1.010)	1056558	17.8556	18
	65 Xylene (o)	106	12.289	12.284	(1.039)	508097	8.78085	8.8
M	70 Xylene (total)	106				1564655	27.0401	27
	67 Bromoform	173	12.535	12.535	(1.060)	756550	9.78437	9.8
	69 1,1,2,2-Tetrachloroethane	83	12.814	12.814	(1.084)	730258	8.54329	8.5
	74 4-Ethyltoluene	105	12.958	12.958	(1.096)	1675423	9.41521	9.4
	75 1,3,5-Trimethylbenzene	105	12.995	12.996	(1.099)	1298650	9.10460	9.1

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Clean Can Certification

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp. (°C)	Pressure Gague ID	Analyst
STL NYB	A08B403	127694	9-18-08	1637	29.9	21	G3	J.L.

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	X		
(2) Is the flow controller ID used for each canister recorded?	X		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		X	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure ("Hg)	Anomaly[2] (Y/N)	FC ID	FC Return (Y/N)	Can Cert Batch ID	Comments
768131	2970	-7.0	N	2827	Y	3795 BHVL	
768132	3398	-17.3	Y	3854	Y	4080 GCNT	

9-18-2008 J.L.

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Flow Controller (FC) Set Flow Rate and Pressure Gauge Leak Check Record

Project Information		Pre-Shipment Check					Post-Sampling Check				
Client ID	Project	Date	Analyst	Temp (°C)	BP ("Hg)	Flow Meter ID	Date	Analyst	Temp (°C)	BP ("Hg)	Flow Meter ID
STLNYB	—	8/13/08	AN	21	29.4	013735	9-18-08	J.J.	21	29.9	013835

			Control Gauge		FC Gauge			Control Gague		FC Gauge	
FC ID	Sampling Time	Flow Rate	Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)	Flow Rate	Initial ("Hg)	Final ("Hg)	Initial ("Hg)	Final ("Hg)
3854	8 hr	10.2	26	26	26	26	7.51	26	26	26	26
2827	1	10.2	26	26	24	24					

The pre-shipment flow rate must be within the range specified in the flow rate table for the sampling time requested.

The difference between initial and final pressure readings for the control gague and the FC gauge must be zero.

NOTE: The post-sampling check is perfomed when the pressure of a canister is not within criteria on receipt and the FC used to sample that container was returned with the canister.

Set Flow Rates for Various Sampling Times (mL/min)

Size	5 min	20 min	30 min	1 hour	2 hour	4 hour	6 hour	8 hour	12 hour	16 hour	24 hour	24 hour (W)
6 Liter	NA	NA	150-195	79-81	39.5-40.5	19.5-20.5	13.3-13.7	9.8-10.2	6.5-6.9	4.9-5.1	3.2-3.4	2.7-2.9
1 Liter	150-195	39.5-40.5	NA	13.3-13.7	6.5-6.9	3.2-3.4	NA	NA	NA	NA	NA	NA

NA = Sampling Time is not applicable to canister size W=Winter Setting

Pre-Shipment Clean Canister Certification Report

Certification Type: ☒ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test											
System ID			# Cycles		Cleaning Date		Technician		Canister Size		
Top Rack			50		8/01/08		AM		(6L)	1L	3L
		Leak Test									
Port	Can ID	Initial[1] ("Hg)	Final ("Hg)	Adjusted Initial[2] ("Hg)	Difference[3]	Initial Reading			Final Reading		
1	4080	-29.4	-29.3	-29.4	-0.1	Gauge ID:	G2		Gauge ID:	G2	
2	2709					Date:	8/4/08		Date:	8/11/08	
3	4138					Time:	~~1600~~ 0615		Time:	1400	
4	3759					Tech:	SM		Tech:	SM	
5	2574					BP:	29.5	("Hg)	BP:	29.5	("Hg)
6	2957					Temp:	22	(°C)	Temp:	27	(°C)
7	3398					[3]Acceptance Criteria:					
8	4785					(1) The difference must be less than or equal to + 0.5					
9	2675					(2) Pressure readings must be at least 24 hours apart.					
10	2707					If time frame was not met, the PM must authorize shipment of canister:					
11	2699					*PM Authorization:*					
12	4461					Signature			Date		

[1] Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory									
Test Method: ☐ TO15 Routine ☐ TO15 LL				Inventory Level				Secondary Review	
Can ID	Date	Sequence	Analyst	1	2	3	Limited	Review Date	Reviewer
4080	8/5/08	GCNT	PAD		✓			08/15/08	KLP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments: 4080 → DF 5000

FAI023:11.29.07:5
TestAmerica Burlington

GC/MS INSTRUMENT RUN LOG

Sequence				Standard Traceability		Instrument Information
Batch ID: GCNT	Start Date: 8/5/08	Time: 0915		ISTD Lot #: AT-02-010-11		Instrument ID: G
Test Method: TO15	End Date: 8/06/08	Time: 0915		CAL STD Lot # AT073008K10		Instrument: 5973
ICAL Date: 07/10/08				ICV / LCS Lot # AT071807/05		Column Type: RTX-624
	Manager	Analyst		Analyst	Analyst	Analyst
Name/Initial		Nicholas Rosner /NTR		Paul Daigle		
Signature				PAD		

	Sequence Information							Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0915	GCN228V	BFB	NA	NA	NA	NA	NJR	NA	✓	NJR	
1006	GCN10TV	NA			1	200			↑		
1103	GCN10TV2	CCV			1	200			✓		All Good
1153	GCN10TQ	LCS			2			✓	✓		" "
1244	GCN10TQD	LCSD			3			✓	✓		" "
1334	GCNB01T	MBLK			4			✓	✓		
1425	4080	NA	NA	0.2	5	1000	NJR	✓	✓	PAD	
1516	762280	4118	126891	1.5	6	133		✓	✓		C
1607	762285	2910		1	7	200		✓	✓		C
1659	3029	NA	NA	0.2	8	1000		✓	✓		
	762302	4163	126894	10	9	20	PAD				
	762303	2780		1	10	200					
	762304	3417		1	11	200					
	762374	Bag	126913	1	1	200					
	762371	1	1	1	2	200					

Legend: C=Complete • R=Reanalyze • = High • ↓= Low • ✓=Reviewed and Acceptable

Data File: /chem/G.i/Gsvr.p/gcntto15VC.b/4080.d
Report Date: 30-Sep-2008 14:20

TestAmerica Burlington

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 4080
Sample Location:
Sample Date:
Sample Matrix: AIR
Analysis Type: VOA
Data Type: MS DATA
Misc Info: 4080;080508GA;0.2;1000

Client SDG: gcntto15
Client Smp ID: 4080
Sample Point:
Date Received:
Quant Type: ISTD
Level: LOW
Operator: pad

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ppbv	Q
75-71-8	Dichlorodifluoromethane	0.10	U
75-45-6	Freon-22	0.10	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.040	U
74-87-3	Chloromethane	0.10	U
106-97-8	n-Butane	0.10	U
75-01-4	Vinyl Chloride	0.040	U
106-99-0	1,3-Butadiene	0.10	U
74-83-9	Bromomethane	0.040	U
75-00-3	Chloroethane	0.10	U
593-60-2	Bromoethene	0.040	U
75-69-4	Trichlorofluoromethane	0.040	U
76-13-1	Freon TF	0.040	U
75-35-4	1,1-Dichloroethene	0.040	U
67-64-1	Acetone	1.0	U
67-63-0	Isopropyl Alcohol	1.0	U
75-15-0	Carbon Disulfide	0.10	U
107-05-1	3-Chloropropene	0.10	U
75-09-2	Methylene Chloride	0.10	U
75-65-0	tert-Butyl Alcohol	1.0	U
1634-04-4	Methyl tert-Butyl Ether	0.10	U
156-60-5	trans-1,2-Dichloroethene	0.040	U
110-54-3	n-Hexane	0.10	U
75-34-3	1,1-Dichloroethane	0.040	U
78-93-3	Methyl Ethyl Ketone	0.10	U
156-59-2	cis-1,2-Dichloroethene	0.040	U
109-99-9	Tetrahydrofuran	1.0	U
67-66-3	Chloroform	0.040	U
71-55-6	1,1,1-Trichloroethane	0.040	U
110-82-7	Cyclohexane	0.040	U
56-23-5	Carbon Tetrachloride	0.040	U
540-84-1	2,2,4-Trimethylpentane	0.040	U
71-43-2	Benzene	0.040	U
540-59-0	1,2-Dichloroethene (total)	0.040	U
107-06-2	1,2-Dichloroethane	0.040	U
142-82-5	n-Heptane	0.040	U

Data File: /chem/G.i/Gsvr.p/gcntto15VC.b/4080.d
Report Date: 30-Sep-2008 14:20

TestAmerica Burlington

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 4080
Sample Location:
Sample Date:
Sample Matrix: AIR
Analysis Type: VOA
Data Type: MS DATA
Misc Info: 4080;080508GA;0.2;1000

Client SDG: gcntto15
Client Smp ID: 4080
Sample Point:
Date Received:
Quant Type: ISTD
Level: LOW
Operator: pad

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ppbv	Q
79-01-6	Trichloroethene	0.040	U
80-62-6	Methyl Methacrylate	0.10	U
78-87-5	1,2-Dichloropropane	0.040	U
123-91-1	1,4-Dioxane	1.0	U
75-27-4	Bromodichloromethane	0.040	U
10061-01-5	cis-1,3-Dichloropropene	0.040	U
108-10-1	Methyl Isobutyl Ketone	0.10	U
108-88-3	Toluene	0.040	U
10061-02-6	trans-1,3-Dichloropropene	0.040	U
79-00-5	1,1,2-Trichloroethane	0.040	U
127-18-4	Tetrachloroethene	0.040	U
591-78-6	Methyl Butyl Ketone	0.10	U
124-48-1	Dibromochloromethane	0.040	U
106-93-4	1,2-Dibromoethane	0.040	U
108-90-7	Chlorobenzene	0.040	U
100-41-4	Ethylbenzene	0.040	U
1330-20-7	Xylene (m,p)	0.10	U
95-47-6	Xylene (o)	0.040	U
100-42-5	Styrene	0.040	U
75-25-2	Bromoform	0.040	U
98-82-8	Cumene	0.040	U
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U
1330-20-7	Xylene (total)	0.040	U
103-65-1	n-Propylbenzene	0.040	U
622-96-8	4-Ethyltoluene	0.040	U
108-67-8	1,3,5-Trimethylbenzene	0.040	U
95-49-8	2-Chlorotoluene	0.040	U
98-06-6	Tert-Butylbenzene	0.040	U
95-63-6	1,2,4-Trimethylbenzene	0.040	U
135-98-8	Sec-Butylbenzene	0.040	U
99-87-6	4-Isopropyltoluene	0.040	U
541-73-1	1,3-Dichlorobenzene	0.040	U
106-46-7	1,4-Dichlorobenzene	0.040	U
100-44-7	Benzyl Chloride	0.040	U
104-51-8	n-Butylbenzene	0.040	U

Data File: /chem/G.i/Gsvr.p/gcntto15VC.b/4080.d Page 3
Report Date: 30-Sep-2008 14:20

TestAmerica Burlington

TARGET COMPOUNDS

Client Name: Client SDG: gcntto15
Lab Smp Id: 4080 Client Smp ID: 4080
Sample Location: Sample Point:
Sample Date: Date Received:
Sample Matrix: AIR Quant Type: ISTD
Analysis Type: VOA Level: LOW
Data Type: MS DATA Operator: pad
Misc Info: 4080;080508GA;0.2;1000

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ppbv	Q
95-50-1	1,2-Dichlorobenzene	0.040	U
120-82-1	1,2,4-Trichlorobenzene	0.10	U
87-68-3	Hexachlorobutadiene	0.040	U
91-20-3	Naphthalene	0.10	U

Pre-Shipment Clean Canister Certification Report

Certification Type: ☑ Batch ☐ Individual

Canister Cleaning & Pre-Shipment Leak Test								
System ID		# Cycles	Cleaning Date	Technician	Canister Size			
Kitchen RACK		5	8/5/08	SM	(6L)	1L	3L	

		Leak Test					
		Initial[1]	Final	Adjusted Initial[2]		Initial Reading	Final Reading
Port	Can ID	("Hg)	("Hg)	("Hg)	Difference[3]	Gauge ID: G2	Gauge ID: G2
1	3457	-29.2	-29.2	-29.4	0.0	Date: 8/6/08	Date: 8/12/08
2	3139					Time: 0715	Time: 0600
3	2970					Tech: SM	Tech: SM
4	4352					BP: 29.4 ("Hg)	BP: 29.4 ("Hg)
5	3213					Temp: 22 (°C)	Temp: 22 (°C)
6	3795					[3]Acceptance Criteria:	
7	3508					(1) The difference must be less than or equal to + 0.5	
8	2551					(2) Pressure readings must be at least 24 hours apart.	
9	2785					If time frame was not met, the PM must authorize shipment of canister.	
Leaks 10	~~2624~~					*PM Authorization:*	
11	3436						
12	4831					Signature	Date

[1] Batch Certification: *The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.*

[2] To calculate Adjusted Initial Pressure, subtract Final BP from Initial BP and add the result (positive or negative) to the initial pressure reading.

[3] To calculate Difference, subtract the Adjusted Initial Pressure from the Final Pressure (See Acceptance Criteria)

Clean Canister Certification Analysis & Authorization of Release to Inventory									
Test Method: ☐ TO15 Routine ☐ TO15 LL				Inventory Level				Secondary Review	
Can ID	Date	Sequence	Analyst	1	2	3	Limited	Review Date	Reviewer
3795	8/6/08	BHV1	PAD		✓			8/8/08	KLP

Inventory Level 1: Individual Canister Certification Only. Certified clean to RLs listed in laboratory SOP for LLTO15.

Inventory Level 2: Individual or Batch Certification. Certified clean to 0.04 ppbv.

Inventory Level 3: Individual or Batch Certification. Certified clean to 0.20 ppbv.

Inventory Level Limited Use: Canisters may only be used for certain projects.

Comments:

FAI023:11.29.07:5
TestAmerica Burlington

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability		Instrument Information		Instrument Performance Checks	
Batch ID:	BHVL	CAL STD Lot #	AT073068 08	Instrument ID: B		☑ Tune STD	☐ RF Summary
Test Method:	TO15	ISTD Lot #:	AT02-090-12	Instrument: 5973		☐ Internal Standard Response	
ICAL Date:	07/22/08	ICV / LCS Lot #	AT070804/0C	Column Type: RTX-624		☐ RT & Ratios Updated	
Start Date:	08/06/08	Time:	0902			Room Temp	22 °C
End Date:	08/07/08	Time:	0902			Barometric Pressure	29.6 "Hg

	Sequence Information							Individual Sample Review			Comments
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Volume (mL)	Inlet #	Dilution Factor	Operator	Internal Standard	Result Conc.	Primary Analyst	
0902	BHV13FV	BFB	NA	NA	NA	NA	NJR	NA	✓	NJR	
1005	BHV10LV	NA		200	1			↓	↑		
1055	BHV10LV2	CCV			1			✓	✓		All Good
1145	BHV10LQ	LCS			2			✓	✓	↓	" "
1236	BHV10LQD	LCSD			3			✓	✓	WHO	" "
1326	BHVB01L	MBL	1635	↓	4	↓		✓	✓	NJR	" "
1416	762510	BAG	126930	200	5	1		✓	✓	PAD	C
1506	762509d	↓	↓	67	6	29.9		✓	↑	WHO	DF 10 mpxyl 170 R 1:800
1557	762511d	↓	126930	20	7	200		✓	↑	↓	DF 20 TOL 180 R 1:1730
1647	761919d	2583	126847	25	8	8		✓	↑	PAD	Tol 54 R 1:15
1737	761920d	2947	↓	↓	9	↓		✓	↑		Tol 68 R 1:20
1828	3795	NA	NA	1000	10	0.2		✓	✓		
2235	761921d	4290	126847	33	11	6.06		✓	↑	↓	Tol 58 R 1:13
2325	761922d	2877	↓	33	12	6.06		✓	↑	NJR	Tol 48 R 1:10
0015	762083d	3208	126873	13	13	15.4		✓	↓		Tol 120 R 1:4
0105	762299d	4870	126893	16	14	50.1		✓	✓		CDF 4.01 C
0155	762300	4869		200	15	1		✓	✓		C
0246	762301d	3571		15	16	199		✓	↑		CDF 14.9 xyl 80 R 1:400
0336	762298	4112	↓	200	1	1		✓	✓		C
0427	762298529	2962	126934	200	2	1	↓	↑	✓	↓	R 1:1
1958	762509D2	Bag	126930	2520	6	80100	PAD	✓	↑	PAD	DF 10 mpxyl 94 R 1:154
2038	762511D2	↓	↓	13	7	491540		✓	↑		DF 40100 mpxyl 150 R 1:5000
2058	762509D3	Bag	126930	13	6	156154		✓	✓		DF 10 C
2148	762511D3	↓	↓	40	7	5000		✓	✓	↓	DF 1000 C
0517	761919D2	2583	126847	13	8	15.4		✓	✓	NJR	
0607	761920D2	2947	↓	10	9	20		✓	✓	↓	
0658	3400	N/A	N/A	500	10	0.4		✓	✓	NJR	
	761921D2	4290	126847	15	11	13.3	↓				

Legend: C=Complete ▪ R=Reanalyze ▪ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

Data File: /chem/B.i/Bsvr.p/bhvlto15.b/3795.d Page 1
Report Date: 30-Sep-2008 14:23

TestAmerica Burlington

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 3795
Sample Location:
Sample Date:
Sample Matrix: AIR
Analysis Type: VOA
Data Type: MS DATA
Misc Info: 3795;080608BA;0.2;1000

Client SDG: bhvlto15
Client Smp ID: 3795
Sample Point:
Date Received:
Quant Type: ISTD
Level: LOW
Operator: pad

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ppbv	Q
75-71-8	Dichlorodifluoromethane	0.10	U
75-45-6	Freon-22	0.10	U
76-14-2	1,2-Dichlorotetrafluoroethan	0.040	U
74-87-3	Chloromethane	0.10	U
106-97-8	n-Butane	0.10	U
75-01-4	Vinyl Chloride	0.040	U
106-99-0	1,3-Butadiene	0.10	U
74-83-9	Bromomethane	0.040	U
75-00-3	Chloroethane	0.10	U
593-60-2	Bromoethene	0.040	U
75-69-4	Trichlorofluoromethane	0.040	U
76-13-1	Freon TF	0.040	U
75-35-4	1,1-Dichloroethene	0.040	U
67-64-1	Acetone	1.0	U
67-63-0	Isopropyl Alcohol	1.0	U
75-15-0	Carbon Disulfide	0.10	U
107-05-1	3-Chloropropene	0.10	U
75-09-2	Methylene Chloride	0.10	U
75-65-0	tert-Butyl Alcohol	1.0	U
1634-04-4	Methyl tert-Butyl Ether	0.10	U
156-60-5	trans-1,2-Dichloroethene	0.040	U
110-54-3	n-Hexane	0.10	U
75-34-3	1,1-Dichloroethane	0.040	U
78-93-3	Methyl Ethyl Ketone	0.10	U
156-59-2	cis-1,2-Dichloroethene	0.040	U
109-99-9	Tetrahydrofuran	1.0	U
67-66-3	Chloroform	0.040	U
71-55-6	1,1,1-Trichloroethane	0.040	U
110-82-7	Cyclohexane	0.040	U
56-23-5	Carbon Tetrachloride	0.040	U
540-84-1	2,2,4-Trimethylpentane	0.040	U
71-43-2	Benzene	0.040	U
540-59-0	1,2-Dichloroethene (total)	0.040	U
107-06-2	1,2-Dichloroethane	0.040	U
142-82-5	n-Heptane	0.040	U

Data File: /chem/B.i/Bsvr.p/bhvlto15.b/3795.d
Report Date: 30-Sep-2008 14:23

TestAmerica Burlington

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 3795
Sample Location:
Sample Date:
Sample Matrix: AIR
Analysis Type: VOA
Data Type: MS DATA
Misc Info: 3795;080608BA;0.2;1000

Client SDG: bhvlto15
Client Smp ID: 3795
Sample Point:
Date Received:
Quant Type: ISTD
Level: LOW
Operator: pad

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ppbv	Q
79-01-6	Trichloroethene	0.040	U
80-62-6	Methyl Methacrylate	0.10	U
78-87-5	1,2-Dichloropropane	0.040	U
123-91-1	1,4-Dioxane	1.0	U
75-27-4	Bromodichloromethane	0.040	U
10061-01-5	cis-1,3-Dichloropropene	0.040	U
108-10-1	Methyl Isobutyl Ketone	0.10	U
108-88-3	Toluene	0.040	U
10061-02-6	trans-1,3-Dichloropropene	0.040	U
79-00-5	1,1,2-Trichloroethane	0.040	U
127-18-4	Tetrachloroethene	0.040	U
591-78-6	Methyl Butyl Ketone	0.10	U
124-48-1	Dibromochloromethane	0.040	U
106-93-4	1,2-Dibromoethane	0.040	U
108-90-7	Chlorobenzene	0.040	U
100-41-4	Ethylbenzene	0.040	U
1330-20-7	Xylene (m,p)	0.10	U
95-47-6	Xylene (o)	0.040	U
100-42-5	Styrene	0.040	U
75-25-2	Bromoform	0.040	U
98-82-8	Cumene	0.040	U
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U
1330-20-7	Xylene (total)	0.040	U
103-65-1	n-Propylbenzene	0.040	U
622-96-8	4-Ethyltoluene	0.040	U
108-67-8	1,3,5-Trimethylbenzene	0.040	U
95-49-8	2-Chlorotoluene	0.040	U
98-06-6	Tert-Butylbenzene	0.040	U
95-63-6	1,2,4-Trimethylbenzene	0.040	U
135-98-8	Sec-Butylbenzene	0.040	U
99-87-6	4-Isopropyltoluene	0.040	U
541-73-1	1,3-Dichlorobenzene	0.040	U
106-46-7	1,4-Dichlorobenzene	0.040	U
100-44-7	Benzyl Chloride	0.040	U
104-51-8	n-Butylbenzene	0.040	U

Data File: /chem/B.i/Bsvr.p/bhvlto15.b/3795.d
Report Date: 30-Sep-2008 14:23

TestAmerica Burlington

TARGET COMPOUNDS

Client Name:
Lab Smp Id: 3795
Sample Location:
Sample Date:
Sample Matrix: AIR
Analysis Type: VOA
Data Type: MS DATA
Misc Info: 3795;080608BA;0.2;1000

Client SDG: bhvlto15
Client Smp ID: 3795
Sample Point:
Date Received:
Quant Type: ISTD
Level: LOW
Operator: pad

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/KG) ppbv	Q
95-50-1	1,2-Dichlorobenzene	0.040	U
120-82-1	1,2,4-Trichlorobenzene	0.10	U
87-68-3	Hexachlorobutadiene	0.040	U
91-20-3	Naphthalene	0.10	U

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Sample Preparation – TO-15 Volatile

TestAmerica Burlington - Manual Integration Summary
SDG: gcpto15 curve Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound			Manual Integration Flag	Analyst Date-Time	Sign-Off
ASTD040	ASTD040	INIT. CALIB.	G RTX-624		09-SEP-2008 13:09	GCP40V	
	7.229	3-Chloropropene			MI1 - Poor automated baseline	klp 09/10/08 11:17	KLP 09/10/08

Summary Generated: klp 09/10/2008 11:56 Secondary Review(1): CMP | 09/10/08 Secondary Review(2): _____ | _____ Page 1

TestAmerica Burlington - Manual Integration Summary
SDG: A08B403 Fraction: Volatile

Lab Sample ID	Client Sample ID	Sample Type	Inst.	Column	Analysis Date	Filename
	Peak RT	Compound	Manual Integration Flag	Analyst Date-Time	Sign-Off	
ASTD040	ASTD040	INIT. CALIB.	G RTX-624	09-SEP-2008 13:09	GCP40V	
	7.229	3-Chloropropene	MI1 - Poor automated baseline	klp 09/10/08 11:17	Cmp 9/30/08	
GA091908LCS	GA091908LCS	LCS	G RTX-624	19-SEP-2008 11:57	GCP10GQ	
	11.369	Dibromochloromethane	MI2 - Peak missed	njr 09/19/08 13:10	MTP 9/30/08	

Summary Generated: cmp 09/30/2008 14:01 Secondary Review(1): Cmp | 9/30/08 Secondary Review(2): _____ | _____ Page 1

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: GCP	Start Date: 9/9/08	Time: 0621	ISTD Lot #: ATO2-010-11	Instrument ID: G
Test Method: T015	End Date: 9/10/08	Time: 0621	CAL STD Lot # see comments	Instrument: 5973
ICAL Date: 9/9/08			ICV / LCS Lot # ATO8D60810	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial		Nicholas Rosner/NJR	William DeStefano/WND		
Signature					

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR*	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0621	GCP01PV	BFB	NA	NA	NA	NA	NJR	NA	✓	NJR	
0714	GCPB01	NA			1	200		✓	✓		
0804	GCP002V	Level 1			2	200		✓	✓		ATO8280806
0855	GCP005V	Level 2			3	200		✓	✓		02
0947	GCP05V	Level 3/4			4	200		✓	✓		ATO8230804
1038	GCP10V	Level 4/5			5	200		✓	✓		09
1128	GCP15V	Level 5/6			6	200		✓	✓	NJR	08
1218	GCP20V	Level 6/7			7	200		✓	✓	WND	05
1309	GCP40V	Level 7/8			8	200		✓	✓	↓	01
1358	GCPB02	NA			1	200		✓	✓	NJR	
1449	GCP10Q	ICV			9	200	NJR	✓	✓	NJR	All GOOD
1540	GCPBB	MBLK						✓	✓		
1631	GCP02Q	0.2RLCS			2			✓	✓		All Good ATO8280806
1721	GCP05Q	0.5RLCS			3			✓	✓		" " ATO8280802
1811	GCP5Q	5.0RLCS			4			✓	✓		" " ATO8230804

NJR 9/10/08

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

GC/MS INSTRUMENT RUN LOG

Sequence		Standard Traceability	Instrument Information
Batch ID: GCPG	Start Date: 9/19/08 Time: 1002	ISTD Lot #: AT02010-11	Instrument ID: G
Test Method: TO15	End Date: 9/20/08 Time: 1002	CAL STD Lot # AT0950816	Instrument: 5973
ICAL Date: 9/9/08		ICV / LCS Lot # AT0915081010/DS	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial		Nicholas Rosner / NJR	Paul Daigle	William Das Jeadius	
Signature		[signature]	[signature] PAD	[signature]	

Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
1002	GCPO	BFB	NA	NA	NA	NA	NJR	NA	✓	NJR	
1108	GCP10GV	CCV	|	|	1	200	|	⊥	✓	|	All Good
1157	GCP10GQ	LCS	|	|	2	|	|	✓	✓	|	" "
1247	GCP10GQD	LCSD	|	|	3	|	|	✓	✓	|	" "
1338	GCPB01G	MXK4632	⊥	⊥	4	⊥	⊥	✓	✓	⊥	
1430	4288	NA	NA	0.2	5	1000	NJR	✓	✓	PAD	
1520	76786602	2508	127660	56.9	6	19	|	✓	↑	WRD	cdf5.41 Hex 78
1610	76786702	3526	⊥	173	7	.29	|	✓	✓	PAD	⊥25.1 C
1701	768131J	2970	127694	2	8	100	|	✓	✓	|	C
1751	768132	338	⊥	1	9	200	|	✓	✓	|	R/1:0.8
1842	768089	2598	127688	0.8	10	250	|	✓	✓	|	C
1932	768090D	2899	|	1.5	11	133	|	✓	✓	WND	C
2023	768091	4142	|	0.8	12	250	|	✓	✓	|	C
2113	768092	4462	|	⊥	13	⊥	|	✓	✓	|	C
2203	768093D	4581	|	5	14	40	|	✓	✓	|	C
2254	768094	3707	⊥	0.8	15	250	⊥	✓	✓	|	C
2344	768212	3044	127701	2.20	16	200	WND	✓	✓	|	CDF2.20 C
0034	76786603	2504	127660	152	1	26	⊥	✓	✓	|	CDF 19.8 C
0124	768132I2	3398	127694	0.8	8	250	PAD	✓	✓	|	C
0214	768314	3518	127715	1	2	200	|	✓	✓	|	C
0304	768315	3289	|	|	3	|	|	✓	✓	|	C
0355	768316	3226	|	|	4	|	|	✓	✓	|	C
0444	768317	3202	|	|	5	|	|	✓	✓	|	C
0535	768324	3408	|	|	6	|	|	✓	✓	|	C
0625	768325	2820	⊥	⊥	7	⊥	|	✓	✓	|	C
0715	768288	4791	127713	1	8	200	|	✓	✓	|	C
0805	768332	3212	127716	1	9 11	200	⊥	✓	✓	⊥	C

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

BR-FAI031:06.13.08:2
TestAmerica

GC/MS INSTRUMENT RUN LOG

Sequence			Standard Traceability	Instrument Information
Batch ID: GCPG	Start Date: 9/19/08	Time: 1002	ISTD Lot #:	Instrument ID: G
Test Method: TO15	End Date: 9/20/08	Time: 1002	CAL STD Lot #	Instrument: 5973
ICAL Date: 9/9/08			ICV / LCS Lot #	Column Type: RTX-624

	Manager	Analyst	Analyst	Analyst	Analyst
Name/Initial		Paul D'A	WDS		
Signature		Paul D'Aiuto PAD	William DeSantis		

Sequence Information								Individual Sample Review			
Injection Time	Lab ID / File Name	Summa Can ID	ETR	Dilution Factor	Inlet #	Volume (mL)	Operator	Internal Std.	Result Conc.	Primary Anal.	Comments / Standard Traceability
0855	768335	2663	127716	1	10	200	PAD	✓	✓	WDS	C
0945	767601D	2944	127624	92.2	12	12	〃	✓	✓	〃	cdf 5.53 C

9/22/08

Legend: C=Complete ▪ R=Reanalyze ▪ ↑ = High ▪ ↓= Low ▪ ✓=Reviewed and Acceptable

Post-Sampling Air Canister Pressure Check Record

Client ID	SDG	ETR	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
STLNYB	A08B403	127694	9-18-08	1637	29.9	21	G3	J.L.

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	X		
(2) Is the flow controller ID used for each canister recorded?	X		
(3) Is visible sign of damage to canister and/or flow controller (FC) present?		X	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
768131	2970	-7.0	N	2827	Y	3795 BHVL	
768132	3398	-17.3	Y	3854	Y	4080 GCNT	

9-18-2008 J.L

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

TestAmerica

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Sample Handling

ORIGIN ID: DKKA (716) 691-2600
BOTTLE DEPT
TESTAMERICA - BUFFALO
10 HAZELWOOD DR

AMHERST, NY 14228
UNITED STATES US

Ship Date: 17SEP08
ActWgt: 10.0 LB MAN
System#: 735603/CAFE2356
Account: S 235689596
Dimmed: 18x10x10 IN

TO SAMPLE RECEIVING
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403

(802) 660-1990

FedEx Express

Ref: SUMMA
Dept: SUMMA

Delivery Address Barcode

BILL RECIPIENT

PRIORITY OVERNIGHT

THU
Deliver By:
18SEP08

TRK# 9653 8545 9285 Form 0201

BTV AA

05403 -VT-US XH BTVA

Part # 154254-354 NRIT 04/08

ORIGIN ID: DKKA (716) 691-2600
BOTTLE DEPT
TESTAMERICA - BUFFALO
10 HAZELWOOD DR

AMHERST, NY 14228
UNITED STATES US

Ship Date: 17SEP08
ActWgt: 10.0 LB MAN
System#: 735603/CAFE2356
Account: S 235689596
Dimmed: 18x10x10 IN

TO SAMPLE RECEIVING
TEST AMERICA BURLINGTON
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON, VT 05403

(802) 660-1990

FedEx Express

Ref: SUMMA
Dept: SUMMA

Delivery Address Barcode

BILL RECIPIENT

PRIORITY OVERNIGHT

THU
Deliver By:
18SEP08

TRK# 9653 8545 9274 Form 0201

BTV AA

05403 -VT-US XH BTVA

Part # 154254-354 NRIT 04/08

09.18.08
0930

TestAmerica Burlington
SAMPLE RECEIPT & LOG IN CHECKLIST

Client: STLNYB	Date Received: 9/18/08	Log In Date: 09.18.08
ETR: 127694	Time Received: 0930	By:
SDG: A08B403	Received By:	Signature:
Project: 28012	# Coolers Received: 2 Boxes	PM Signature:
Samples Delivered By: ☒ Shipping Service ☐ Courier ☐ Hand ☐ Other (specify)		Date: 9/19/08
List Air bill Number(s) or Attach a photocopy of the Air Bill:		

COOLER SCREEN	YES	NO	NA	COMMENTS
There is *no* evidence to indicate tampering	X			
Custody seals are present and intact		X		
Custody seal numbers are present			X	
If yes, list custody seal numbers:				

Thermal Preservation Type: ☐ Wet Ice ☐ Blue Ice ☒ None ☐ Other (specify)

IR Gun ID: 96 Correction Factor (CF) = -1 °C

Cooler 1: AIR	°C	Cooler 6	°C	Cooler 11	°C	Cooler 16	°C
Cooler 2:	°C	Cooler 7	°C	Cooler 12	°C	Cooler 17	°C
Cooler 3:	°C	Cooler 8	°C	Cooler 13	°C	Cooler 18	°C
Cooler 4:	°C	Cooler 9	°C	Cooler 14	°C	Cooler 19	°C
Cooler 5	°C	Cooler 10	°C	Cooler 15	°C	Cooler 20	°C

Unless otherwise documented, the recorded temperature readings are adjusted readings to account for the CF of the IR Gun

EPA Criteria: 0-6°C, except for air and geo samples which should be at ambient temperature and tissue samples, which may be frozen.

Some clients require thermal preservation criteria of 2-4°C or other such criteria. The PM must notify SM when alternate criteria is specified.

SAMPLE CONDITION	YES	NO	NA	COMMENTS
Sample containers were received intact	X			
Legible sample labels are affixed to each container		X		See below
CHAIN OF CUSTODY (COC)	**YES**	**NO**	**NA**	**COMMENTS**
COC is present and includes the following information for each container:				
• Sample ID / Sample Description	X			
• Date of Sample Collection	X			
• Time of Sample Collection	X			
• Identification of the Sampler	X			
• Preservation Type			X	
• Requested Tests Method(s)	X			
• Necessary Signatures		X		Not relinquished
Internal Chain of Custody (ICOC) Required		X		
If yes to above, ICOC Record initiated for every Worksheet			X	
SAMPLE INTEGRITY / USABILITY	**YES**	**NO**	**NA**	**COMMENTS**
The sample container matches the COC		X		See below
Appropriate sample containers were received for the tests requested	X			
Samples were received within holding time	X			
Sufficient amount of sample is provided for requested analyses	X			
VOA vials do not have headspace or a bubble >6mm (1/4" diameter)			X	
Appropriate preservatives were used for the tests requested			X	
pH of inorganic samples checked and is within method specification			X	
If no, attach Inorganic Sample pH Adjustment Form			X	

ANOMALY / NCR SUMMARY

Sample labels attached to samples, but not filled out. Canister ID #'s matched to COC and ID's, dates, and times from COC used for login.

FSR002-12.19.07.3

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Last Page of this Document

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 680-40833-1

Job Description: A8B727 Dunn Landfill

For:
TestAmerica Laboratories, Inc.
10 Hazelwood Drive
Amherst, NY 14228-2298

Attention: Ms. Candy Fox

Abbie Page
Project Manager I
abbie.page@testamericainc.com
10/02/2008

cc: Sally Hoffman

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this test report should be directed to the TestAmerica Project Manager who signed this test report.

Job Narrative
680-J40833-1

Comments
No additional comments.

Receipt
Method(s) 524.2: The following sample(s) was received with headspace in the sample vial: PW01 (680-40833-2), PW06 (680-40833-4). Both IDs contain headspace in two of four vials.

All other samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 524.2: The trip blank and field blank associated with these samples both contained a detection above the reporting limit (RL) for the following analyte: methylene chloride. All of the samples associated with this receipt were below the method detection limit (MDL) for methylene chloride; therefore, the data has been reported.

No other analytical or quality issues were noted.

METHOD SUMMARY

Client: TestAmerica Laboratories, Inc. Job Number: 680-40833-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL SAV	EPA-DW 524.2	

Lab References:

TAL SAV = TestAmerica Savannah

Method References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc. Job Number: 680-40833-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
680-40833-1FB	03FB	Water	09/25/2008 0930	09/27/2008 0951
680-40833-2	PW01	Water	09/25/2008 0925	09/27/2008 0951
680-40833-3	PW04	Water	09/25/2008 1030	09/27/2008 0951
680-40833-4	PW06	Water	09/25/2008 1210	09/27/2008 0951
680-40833-5	PW09	Water	09/25/2008 0945	09/27/2008 0951
680-40833-6TB	03TB	Water	09/25/2008 0000	09/27/2008 0951

Analytical Data

Client: TestAmerica Laboratories, Inc. Job Number: 680-40833-1

Client Sample ID: **03FB**

Lab Sample ID: 680-40833-1FB
Client Matrix: Water

Date Sampled: 09/25/2008 0930
Date Received: 09/27/2008 0951

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 10/01/2008 1311
Date Prepared: N/A

Analysis Batch: 680-118763

Instrument ID: GC/MS Volatiles - U
Lab File ID: u100104.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	<0.50		0.50
cis-1,2-Dichloroethene	<0.50		0.50
Xylenes, Total	<0.50		0.50
Methylene Chloride	0.93		0.50
1,2-Dichlorobenzene	<0.50		0.50
1,4-Dichlorobenzene	<0.50		0.50
Vinyl chloride	<0.50		0.50
1,1-Dichloroethene	<0.50		0.50
trans-1,2-Dichloroethene	<0.50		0.50
1,2-Dichloroethane	<0.50		0.50
1,1,1-Trichloroethane	<0.50		0.50
Carbon tetrachloride	<0.50		0.50
1,2-Dichloropropane	<0.50		0.50
Trichloroethene	<0.50		0.50
1,1,2-Trichloroethane	<0.50		0.50
Tetrachloroethene	<0.50		0.50
Chlorobenzene	<0.50		0.50
Benzene	<0.50		0.50
Toluene	<0.50		0.50
Ethylbenzene	<0.50		0.50
Styrene	<0.50		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	92	70 - 130
4-Bromofluorobenzene	94	70 - 130

Analytical Data

Client: TestAmerica Laboratories, Inc. Job Number: 680-40833-1

Client Sample ID: **PW01**

Lab Sample ID: 680-40833-2 Date Sampled: 09/25/2008 0925
Client Matrix: Water Date Received: 09/27/2008 0951

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2 Analysis Batch: 680-118763 Instrument ID: GC/MS Volatiles - U
Preparation: N/A Lab File ID: u100105.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 10/01/2008 1331 Final Weight/Volume: 5 mL
Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	<0.50		0.50
cis-1,2-Dichloroethene	<0.50		0.50
Xylenes, Total	<0.50		0.50
Methylene Chloride	<0.50		0.50
1,2-Dichlorobenzene	<0.50		0.50
1,4-Dichlorobenzene	<0.50		0.50
Vinyl chloride	<0.50		0.50
1,1-Dichloroethene	<0.50		0.50
trans-1,2-Dichloroethene	<0.50		0.50
1,2-Dichloroethane	<0.50		0.50
1,1,1-Trichloroethane	<0.50		0.50
Carbon tetrachloride	<0.50		0.50
1,2-Dichloropropane	<0.50		0.50
Trichloroethene	<0.50		0.50
1,1,2-Trichloroethane	<0.50		0.50
Tetrachloroethene	<0.50		0.50
Chlorobenzene	<0.50		0.50
Benzene	<0.50		0.50
Toluene	<0.50		0.50
Ethylbenzene	<0.50		0.50
Styrene	<0.50		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	96	70 - 130
4-Bromofluorobenzene	94	70 - 130

Analytical Data

Client: TestAmerica Laboratories, Inc. Job Number: 680-40833-1

Client Sample ID: **PW04**

Lab Sample ID: 680-40833-3 Date Sampled: 09/25/2008 1030
Client Matrix: Water Date Received: 09/27/2008 0951

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2 Analysis Batch: 680-118763 Instrument ID: GC/MS Volatiles - U
Preparation: N/A Lab File ID: u100112.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 10/01/2008 1809 Final Weight/Volume: 5 mL
Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	<0.50		0.50
cis-1,2-Dichloroethene	<0.50		0.50
Xylenes, Total	<0.50		0.50
Methylene Chloride	<0.50		0.50
1,2-Dichlorobenzene	<0.50		0.50
1,4-Dichlorobenzene	<0.50		0.50
Vinyl chloride	<0.50		0.50
1,1-Dichloroethene	<0.50		0.50
trans-1,2-Dichloroethene	<0.50		0.50
1,2-Dichloroethane	<0.50		0.50
1,1,1-Trichloroethane	<0.50		0.50
Carbon tetrachloride	<0.50		0.50
1,2-Dichloropropane	<0.50		0.50
Trichloroethene	<0.50		0.50
1,1,2-Trichloroethane	<0.50		0.50
Tetrachloroethene	<0.50		0.50
Chlorobenzene	<0.50		0.50
Benzene	<0.50		0.50
Toluene	<0.50		0.50
Ethylbenzene	<0.50		0.50
Styrene	<0.50		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	99	70 - 130
4-Bromofluorobenzene	96	70 - 130

Analytical Data

Client: TestAmerica Laboratories, Inc. Job Number: 680-40833-1

Client Sample ID: **PW06**

Lab Sample ID: 680-40833-4 Date Sampled: 09/25/2008 1210
Client Matrix: Water Date Received: 09/27/2008 0951

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2 Analysis Batch: 680-118763 Instrument ID: GC/MS Volatiles - U
Preparation: N/A Lab File ID: u100113.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 10/01/2008 1829 Final Weight/Volume: 5 mL
Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	<0.50		0.50
cis-1,2-Dichloroethene	<0.50		0.50
Xylenes, Total	<0.50		0.50
Methylene Chloride	<0.50		0.50
1,2-Dichlorobenzene	<0.50		0.50
1,4-Dichlorobenzene	<0.50		0.50
Vinyl chloride	<0.50		0.50
1,1-Dichloroethene	<0.50		0.50
trans-1,2-Dichloroethene	<0.50		0.50
1,2-Dichloroethane	<0.50		0.50
1,1,1-Trichloroethane	<0.50		0.50
Carbon tetrachloride	<0.50		0.50
1,2-Dichloropropane	<0.50		0.50
Trichloroethene	<0.50		0.50
1,1,2-Trichloroethane	<0.50		0.50
Tetrachloroethene	<0.50		0.50
Chlorobenzene	<0.50		0.50
Benzene	<0.50		0.50
Toluene	<0.50		0.50
Ethylbenzene	<0.50		0.50
Styrene	<0.50		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	97	70 - 130
4-Bromofluorobenzene	95	70 - 130

Analytical Data

Client: TestAmerica Laboratories, Inc. Job Number: 680-40833-1

Client Sample ID: **PW09**

Lab Sample ID: 680-40833-5 Date Sampled: 09/25/2008 0945
Client Matrix: Water Date Received: 09/27/2008 0951

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2 Analysis Batch: 680-118763 Instrument ID: GC/MS Volatiles - U
Preparation: N/A Lab File ID: u100108.d
Dilution: 1.0 Initial Weight/Volume: 5 mL
Date Analyzed: 10/01/2008 1431 Final Weight/Volume: 5 mL
Date Prepared: N/A

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	<0.50		0.50
cis-1,2-Dichloroethene	<0.50		0.50
Xylenes, Total	<0.50		0.50
Methylene Chloride	<0.50		0.50
1,2-Dichlorobenzene	<0.50		0.50
1,4-Dichlorobenzene	<0.50		0.50
Vinyl chloride	<0.50		0.50
1,1-Dichloroethene	<0.50		0.50
trans-1,2-Dichloroethene	<0.50		0.50
1,2-Dichloroethane	<0.50		0.50
1,1,1-Trichloroethane	<0.50		0.50
Carbon tetrachloride	<0.50		0.50
1,2-Dichloropropane	<0.50		0.50
Trichloroethene	<0.50		0.50
1,1,2-Trichloroethane	<0.50		0.50
Tetrachloroethene	<0.50		0.50
Chlorobenzene	<0.50		0.50
Benzene	<0.50		0.50
Toluene	<0.50		0.50
Ethylbenzene	<0.50		0.50
Styrene	<0.50		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	101	70 - 130
4-Bromofluorobenzene	95	70 - 130

Analytical Data

Client: TestAmerica Laboratories, Inc. Job Number: 680-40833-1

Client Sample ID: **03TB**

Lab Sample ID: 680-40833-6TB
Client Matrix: Water

Date Sampled: 09/25/2008 0000
Date Received: 09/27/2008 0951

524.2 Volatile Organic Compounds (GC/MS)

Method: 524.2
Preparation: N/A
Dilution: 1.0
Date Analyzed: 10/01/2008 1251
Date Prepared: N/A

Analysis Batch: 680-118763

Instrument ID: GC/MS Volatiles - U
Lab File ID: u100103.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result (ug/L)	Qualifier	RL
1,2,4-Trichlorobenzene	<0.50		0.50
cis-1,2-Dichloroethene	<0.50		0.50
Xylenes, Total	<0.50		0.50
Methylene Chloride	0.53		0.50
1,2-Dichlorobenzene	<0.50		0.50
1,4-Dichlorobenzene	<0.50		0.50
Vinyl chloride	<0.50		0.50
1,1-Dichloroethene	<0.50		0.50
trans-1,2-Dichloroethene	<0.50		0.50
1,2-Dichloroethane	<0.50		0.50
1,1,1-Trichloroethane	<0.50		0.50
Carbon tetrachloride	<0.50		0.50
1,2-Dichloropropane	<0.50		0.50
Trichloroethene	<0.50		0.50
1,1,2-Trichloroethane	<0.50		0.50
Tetrachloroethene	<0.50		0.50
Chlorobenzene	<0.50		0.50
Benzene	<0.50		0.50
Toluene	<0.50		0.50
Ethylbenzene	<0.50		0.50
Styrene	<0.50		0.50

Surrogate	%Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	93	70 - 130
4-Bromofluorobenzene	94	70 - 130

DATA REPORTING QUALIFIERS

Lab Section	Qualifier	Description

Quality Control Results

Client: TestAmerica Laboratories, Inc.

Job Number: 680-40833-1

Method Blank - Batch: 680-118763

Method: 524.2
Preparation: N/A

Lab Sample ID: MB 680-118763/10
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/01/2008 1115
Date Prepared: N/A

Analysis Batch: 680-118763
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq100105.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	RL
1,2,4-Trichlorobenzene	<0.50		0.50
cis-1,2-Dichloroethene	<0.50		0.50
Xylenes, Total	<0.50		0.50
Methylene Chloride	<0.50		0.50
1,2-Dichlorobenzene	<0.50		0.50
1,4-Dichlorobenzene	<0.50		0.50
Vinyl chloride	<0.50		0.50
1,1-Dichloroethene	<0.50		0.50
trans-1,2-Dichloroethene	<0.50		0.50
1,2-Dichloroethane	<0.50		0.50
1,1,1-Trichloroethane	<0.50		0.50
Carbon tetrachloride	<0.50		0.50
1,2-Dichloropropane	<0.50		0.50
Trichloroethene	<0.50		0.50
1,1,2-Trichloroethane	<0.50		0.50
Tetrachloroethene	<0.50		0.50
Chlorobenzene	<0.50		0.50
Benzene	<0.50		0.50
Toluene	<0.50		0.50
Ethylbenzene	<0.50		0.50
Styrene	<0.50		0.50

Surrogate	% Rec	Acceptance Limits
1,2-Dichlorobenzene-d4	93	70 - 130
4-Bromofluorobenzene	98	70 - 130

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: TestAmerica Laboratories, Inc.

Job Number: 680-40833-1

Lab Control Spike/
Lab Control Spike Duplicate Recovery Report - Batch: 680-118763

Method: 524.2
Preparation: NA

LCS Lab Sample ID: LCS 680-118763/9
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/01/2008 0955
Date Prepared: N/A

Analysis Batch: 680-118763
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq100102.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

LCSD Lab Sample ID: LCSD 680-118763/11
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 10/01/2008 1015
Date Prepared: N/A

Analysis Batch: 680-118763
Prep Batch: N/A
Units: ug/L

Instrument ID: GC/MS Volatiles - U
Lab File ID: uq100103.d
Initial Weight/Volume: 5 mL
Final Weight/Volume: 5 mL

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2,4-Trichlorobenzene	107	104	70 - 130	3	30		
cis-1,2-Dichloroethene	98	97	70 - 130	0	30		
Xylenes, Total	103	101	70 - 130	3	30		
Methylene Chloride	99	94	70 - 130	5	30		
1,2-Dichlorobenzene	97	95	70 - 130	2	30		
1,4-Dichlorobenzene	100	96	70 - 130	4	30		
Vinyl chloride	100	100	70 - 130	0	30		
1,1-Dichloroethene	100	96	70 - 130	4	30		
trans-1,2-Dichloroethene	100	98	70 - 130	3	30		
1,2-Dichloroethane	99	97	70 - 130	2	30		
1,1,1-Trichloroethane	106	104	70 - 130	2	30		
Carbon tetrachloride	110	108	70 - 130	3	30		
1,2-Dichloropropane	97	91	70 - 130	7	30		
1,1,2-Trichloroethane	93	93	70 - 130	0	30		
Tetrachloroethene	102	98	70 - 130	4	30		
Chlorobenzene	103	100	70 - 130	3	30		
Benzene	103	100	70 - 130	3	30		
Toluene	99	97	70 - 130	1	30		
Ethylbenzene	105	104	70 - 130	1	30		
Styrene	100	98	70 - 130	2	30		

Calculations are performed before rounding to avoid round-off errors in calculated results.

TestAmerica Laboratories Inc.
Internal Chain of Custody

Client: Waste Management
Project: NY5A586225
Quote: NY95-481
SM #: 663

PM: Candace L. Fox
Due Date: 10/14/2008
Purchase Order#: TBD

Client Sample ID	Lab ID	Matrix	Parameters	# and Type of Samp Containers	Sample Date/Time
03FB	A8B82701	PW	524.2VOA	4-40mlV	09/25/2008 09:30
PW01	A8B82702	PW	524.2VOA	4-40mlV	09/25/2008 09:25
PW04	A8B82703	PW	524.2VOA	4-40mlV	09/25/2008 10:30
PW06	A8B82704	PW	524.2VOA	4-40mlV	09/25/2008 12:10
PW09	A8B82705	PW	524.2VOA	4-40mlV	09/25/2008 09:45
03TB	A8B82706	WATER	524.2VOA	1-40mlV	09/25/2008 00:00

Relinquished by TestAmerica Laboratories Inc.: Signature(s)	Date	Time	Received By TestAmerica - Savannah: Signature(s)	Date	Time
(1) [signature]	09/26/2008	1700	(3) KH	9/27/2008	0957
(2)	/ /20		(4)	/ /20	

4.6°C
680-40833