GANNETT FLEMING ENGINEERS, P.C.
100 Crossways Park Drive West
Suite 300
Woodbury, NY 11797

Office: (516) 671-4140
Fax: (516) 921-1565
Internet:www.gannettfleming.com

May 25, 2011
Project # 53319.004

Hiralkumar Patel
Environmental Engineer I
NYSDEC
Spill Prevention and Response Section
One Hunters Point Avenue
47-40 21st Street
Long Island City, NY 11101

Re: Supplemental Field Investigation Report
Spill Case # 0312904
Cooper Tank and Welding Corporation
215 Moore Street
Brooklyn, New York

Dear Mr. Patel:

Gannett Fleming Engineers, P.C. (GF), on behalf of Cooper Tank and Welding Corporation (Cooper), has prepared this Supplemental Field Investigation Report to detail findings from the Supplemental Soil and Groundwater Investigations conducted on April 27, 2011 and May 12, 2011, on the sidewalk area adjacent to 215 Moore Street in Brooklyn, New York (the Site), south of the former 1,080-gallon diesel tank grave associated with Spill Case # 0312904 .

INTRODUCTION AND BACKGROUND

This report supplements investigative results that were reported in the revised *February 2011 Field Investigation Report* and *February 16, 2011 Groundwater Level Gauging Event Memorandum*. As reported in the revised *February 2011 Field Investigation Report,* GF concluded that based on current and historical soil and groundwater data around the former diesel tank grave associated with Spill Case # 0312904, no further investigation or remedial action for soil or groundwater is warranted. GF requested closure for Spill #0312904 from NYSDEC.

In response to our revised *February 2011 Field Investigation Report* and *February 16, 2011 Groundwater Level Gauging Event Memorandum,* NYSDEC issued verbal comments, and in a letter dated April 5, 2011, requested additional confirmatory investigation tasks. The purpose of

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this investigation was to fulfill the following directives set forth by the NYSDEC in their comments and April 5, 2011 letter.

- Advancement of two (2) soil borings in the sidewalk area adjacent to 215 Moore Street, south of the former 1,080-gallon diesel tank grave;
- Laboratory analysis of one (1) soil sample from each soil boring location as determined by the soil interval exhibiting the highest response from a photoionization detector (PID);
- Conversion of one (1) soil boring to a permanent groundwater monitoring well screened across the water table, and;
- Collection of one (1) groundwater sample for laboratory analyses.

GF completed the investigation in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved February 18, 2011 Proposed Scope of Work for Supplemental Soil and Groundwater Sampling, prepared by GF.

SCOPE OF WORK

On-site activities included the following as specified in the NYSDEC-approved February 18, 2011 Proposed Scope of Work for Supplemental Soil and Groundwater Sampling and the NYSDEC letter dated April 5, 2011:

- Physical hand clearing of proposed sampling locations to identify potential subsurface obstructions or hazards in the areas of interest;
- Advancement of two (2) soil borings in the sidewalk area adjacent to 215 Moore Street, south of the former 1,080-gallon diesel tank grave;
- Laboratory analysis of one (1) soil sample for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) listed in the NYSDEC Final CP-51 Soil Cleanup Guidance (CP-51 SCG) from each soil boring location as determined by the soil interval exhibiting the highest response from a photoionization detector (PID). Soil boring locations are included on Figure 2;
- SB/MW-UST-5 was converted to a permanent groundwater monitoring well screened across the water table. The newly installed groundwater monitoring was developed, and;
- Approximately two weeks after the installation and development of the new groundwater monitoring well, one (1) groundwater sample was collected for laboratory analyses.

Continued . . .

DRILLING ACTIVITIES

Soil Boring Activities

Drilling activities were conducted on April 27, 2011, including the advancement of two (2) borings within twenty (20) feet, south and east-southeast of the former UST location as presented on Figure 2. One (1) boring directly south of the former UST grave was converted to a groundwater monitoring well (MW-UST-5). Each boring location was advanced, using hollow stem auger drilling methods, to approximately five (5) feet below the groundwater interface. The drilling contractor, Aquifer Drilling and Testing (ADT), obtained all required NYC permits for sidewalk drilling, and sidewalk restoration activities.

Soil was continuously collected and field screened at each boring location. GF documented soil lithology, visual and olfactory characteristics of the collected soil (staining, discoloration, odors, etc.), and field screened soil for evidence of VOCs by measuring vapor headspace using a photoionization detector (PID) calibrated to a 100 parts per million (ppm) isobutylene standard. Boring Logs are included in Attachment 1.

One soil sample was collected for laboratory analysis from each boring. The following table describes the sample collection**:**

BORING IDENTIFICATION	BORING LOCATION	SAMPLE ID	SAMPLE DESCRIPTION AND DEPTH OF SAMPLE INTERVAL
SB-UST-4	Approximately 25' east-southeast of former UST area	SB-UST-4, 2'-3'	(2-3') PID = 15.2 ppm-highest PID reading at boring location. Soil matrix consistent with urban fill. No odor or staining.
SB/MW-UST-5	Approximately 14' south of former UST area	SB/MW-UST-5	(3-5') PID = 11.6 ppm-highest PID reading at boring location. Soil matrix consistent with urban fill. No odor or staining.

Soil samples were placed into laboratory-supplied glassware and immediately placed in a cooler and packed with ice to maintain a temperature of approximately 4^{o} Celsius. Each soil sample was sent by courier to Test America Laboratories, a New York State Environmental Laboratory Approval Program (NYSELAP) certified laboratory and analyzed for VOCs and SVOCs listed in the NYSDEC CP-51 SCG, by United States Environmental Protection Agency (USEPA) Method 8260 and Method 8270, respectively.

Monitoring Well Installation

SB/MW-UST-5 was completed as a groundwater monitoring well, located approximately 14 feet south of the former UST grave. SB/MW-UST-5 was constructed of 2-inch diameter schedule 40

Continued . . .

PVC pipe and 2-inch diameter, 0.020-inch (20 slot) PVC well screen. The screen (12 feet through 2 feet below ground surface (bgs)) was placed so that it intersected the water table (approximately 6 feet bgs). Solvent glue was not used in assembling the well screen or riser casing. Number 2 Morie sand pack was placed around the well screen from the bottom of the well to 1.5 feet bgs. A six-inch bentonite seal was placed on top of the sand pack, followed by a cement grout-slurry to grade. A flush mounted manhole cover and locking "J" type cap finished the well. The well construction log is included as Attachment 2

The following table describes the Monitoring Well installations:

Monitoring Well ID	Depth of Well (ft- bgs)	Screened Length	Approximate Groundwater Depth During Installation (ft- bgs)	Measured Groundwater Depth from Top of Casing approximately two (2) weeks after Monitoring Well Development (ft)
SB/MW-UST-5	12	10 ft (2-12 ft-bgs)	6.95	5.67

The newly installed monitoring well was developed on April 27, 2011 using a peristaltic pump to ensure the removal of any drilling fines and to restore the hydraulic properties of the surrounding water bearing material. The flow rate of the pump was controlled to create draw-down in the well but not dry the well. The monitoring wells were developed by removing 15 gallons (over 18 well volumes) which was visibly clear. Well development logs are provided as Attachment 3.

Groundwater Sampling and Level Gauging

The newly installed monitoring well was sampled on May 12, 2011. The depth to water was measured to the nearest hundredth of a foot using an electronic water-level indicator and recorded on the groundwater sampling log (Attachment 4).

Monitoring wells were sampled in accordance with USEPA SOP # SST-7 Groundwater Sampling Procedure: Low Stress (Low Flow) Purging and Sampling. To minimize sample turbidity, the peristaltic pump was set to purge rates ranging from approximately 0.1 to 0.5 liters per minute (LPM), consistent with low flow sampling procedures. Measurements of pH, conductivity, dissolved oxygen (DO), oxidation reduction potential (ORP), and turbidity were recorded throughout the purging process. Groundwater was drawn from the wells until acceptable parameter stabilization was observed, followed by sample collection in laboratory-supplied glasswear.

Continued . . .

The groundwater sample did not exhibit odors or sheen. Using dedicated disposable gloves, the VOC containers were filled first, followed by SVOC containers. Special care was taken in filling and capping the VOC vials to prevent headspace or air bubble accumulation in sample vials. Overflowing of sample bottles was avoided to prevent the loss of floating substances or preservatives which may have already been added to the bottle. All sample bottle caps were secured snugly, but not over-tightened. Sample bottles were placed in a cooler and packed with ice to maintain a temperature of approximately 4^{o} Celsius. One trip blank (for VOCs only) and one field blank (for VOCs and SVOCs) were collected for quality assurance/quality control (QA/QC) purposes.

One (1) groundwater sample and two QA/QC samples were sent by courier to Test America Laboratories, a NYSELAP certified laboratory, and analyzed for VOCs and SVOCs listed in the CP-51, by USEPA Method 8260 and Method 8270, respectively. The laboratory data report was provided in the NYSDEC Full ASP Category B Deliverables reporting format. The laboratory data reports are provided in CD format.

ANALYTICAL RESULTS

Soil sample results were evaluated in accordance with the Standards, Criteria and Guidance detailed in CP-51 dated October 21, 2010, under the Petroleum Spill Response Program. Accordingly, soil analytical results were compared to Soil Cleanup Objectives (SCOs) listed in CP-51 SCG and 6NYCRR Table 375-6.8(b) Restricted Use Industrial SCOs (RUISCOs), as referenced in CP-51 SCG and as applicable to the Site.

Groundwater sample analytical results were compared to NYSDEC Technical and Operational Guidance Series (TOGS) Class GA Ambient Water Quality Standards for drinking water.

A summary of the laboratory results for each soil sample are included in Table 1. A summary of laboratory results for each groundwater sample are included on Table 2. Laboratory analytical data sheets are included on CD as Attachment 5.

Soil Sample Results

The following table details the specific Constituents of Concern (COCs) in soil samples that were reported above applicable SCOs.

Continued . . .

SAMPLE ID:	NYSDEC SOIL CLEANUP OBJECTIVES(CP-51 SCG and Part 375-6.8(a) UNRESTRICTED USE)	NYSDEC SOIL CLEANUP OBJECTIVES(Part 375-6.8(b) Industrial Use)	SB-UST-4,2'-3'	
SAMPLE TYPE:			Soil	
SAMPLE DATE:			04/27/2011	
SVOCs (ppb) - EPA Method 8270				
Benzo[a]anthracene	1000	11000	2900	
Benzo[a]pyrene	1000	1100	2700	
Benzo[b]fluoranthene	1000	11000	2900	
Benzo[k]fluoranthene	800	110000	1100	J
Chrysene	1000	110000	2700	
Dibenz(a,h)anthracene	330	1100	970	J
Indeno[1,2,3-cd]pyrene	500	11000	2600	

Notes:

Yellow highlighted concentrations exceed current NYSDEC Soil Cleanup Levels (CP-51)

Blue highlighted concentrations exceed both CP-51 and Part 375 Industrial Use SCOs

ppb	Parts per billion (ug/kg)
J	Estimated value

Groundwater Sample Results

The following table details the specific COCs in the groundwater sample that were reported above applicable NYSDEC Guidance Values.

SAMPLE ID:	NYSDEC GW CLASS GA GUIDANCE VALUES	MW-UST-5
SAMPLE TYPE:		Water
SAMPLE DATE:		05/12/2011
VOCs (ppb) - EPA Method 8260		
Benzene	**0.7**	**7.9**

Notes:

Concentrations shown in bold type face exceed current NYSDEC GW CLASS GA GUIDANCE VALUES

Ppb - Parts per billion (ug/L)

Continued . . .

QA/QC Results

The field blank laboratory results related to the soil sampling and groundwater sampling efforts reported non-detect concentrations of VOCs and SVOCs. The trip blank laboratory results related to the soil sampling and groundwater sampling efforts reported non-detect concentrations of VOCs. No qualification of the soil laboratory results based on this QA/QC sample is warranted.

CONCLUSIONS AND RECOMMENDATIONS

As indicated in the Analytical Results section, laboratory analysis of soil borings and groundwater from the sidewalk area south of the former UST grave reported the following.

Soil

- All VOCs reported below CP-51 SCOs.
- Concentrations of six (6) SVOCs, commonly associated with urban fill, exceed the CP-51 SCOs.
- One SVOC, benzo (a) pyrene, exceeded both CP-51 and restricted industrial SCOs.
- Soils did not exhibit observable staining or odors

Groundwater

- One VOC, benzene, exceeded the NYSDEC Class GA Guidance Value of 0.7 ug/L.

Soil borings in the sidewalk area did not exhibit observable staining or odor. The soil conditions observed during the sampling event showed evidence of coal ash and slag common in urban fill, which was not observed in soil within the building. GF attributes the SVOC soil impacts to the presence of urban fill.

Benzene was not detected in any of the groundwater samples associated with the former UST area or within the footprint of the property during any of the previous investigations, and is unrelated to the specific COCs that have historically been detected in the UST area. GF attributes the benzene detection to an offsite groundwater condition.

GF concludes from this investigation that the former UST area is not a contributing source of COCs to groundwater and soil, and does not pose a significant threat to sensitive receptors or human health.

Continued . . .

Based on current and previous investigations, GF concludes that no further investigation or remedial action for soil or groundwater is warranted in the former diesel UST area, and is requesting closure for Spill #0312904 from NYSDEC.

Please contact me if you have any questions, or if you would like to discuss this scope of work in further detail.

Very truly yours,

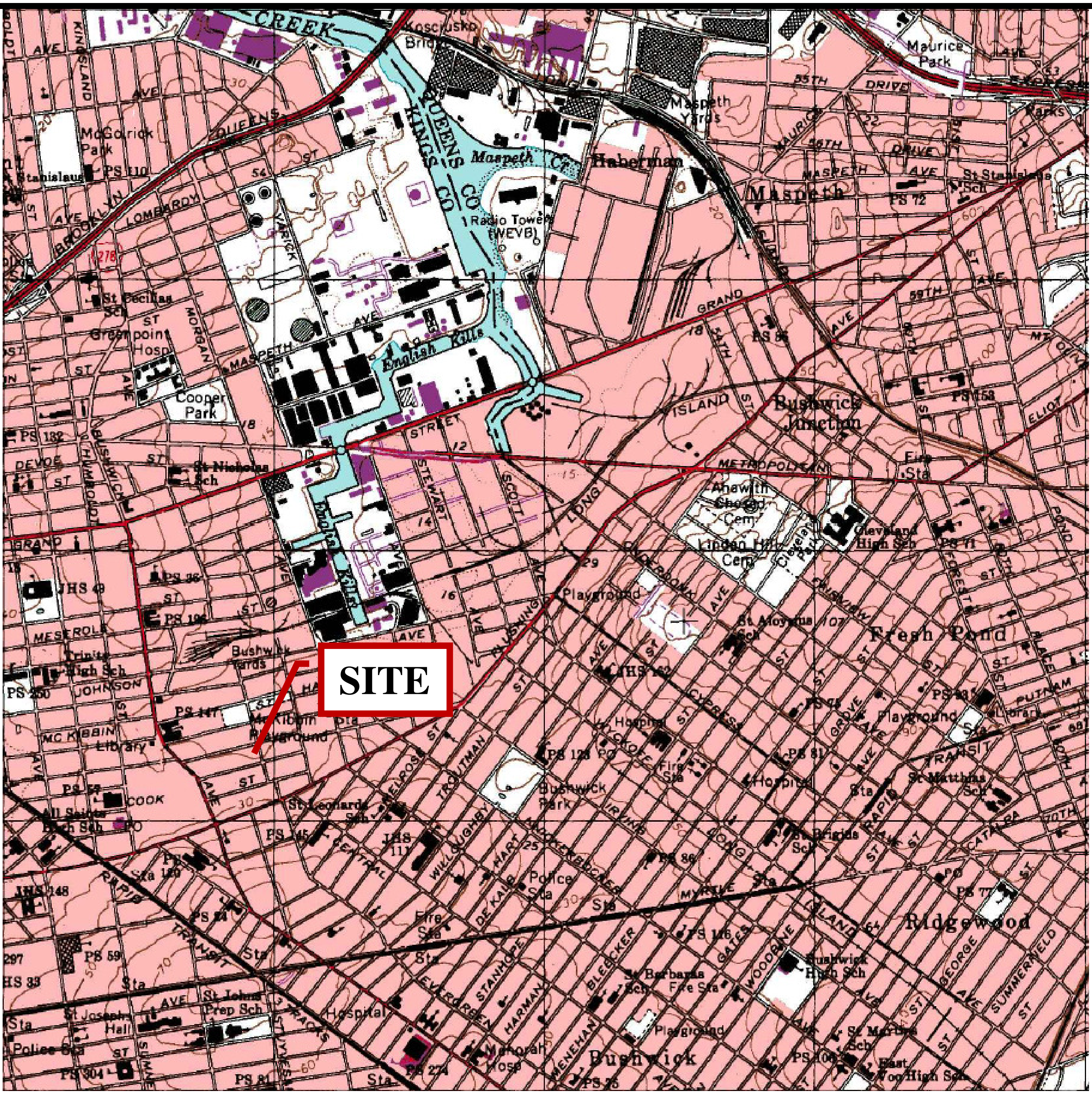
GANNETT FLEMING ENGINEERS, P.C.

/Vincent Frisina

VINCENT FRISINA, P.E.
Director of Environmental Services

cc: David Hillcoat – Cooper Tank and Welding Corporation
F. Inyard (GF)

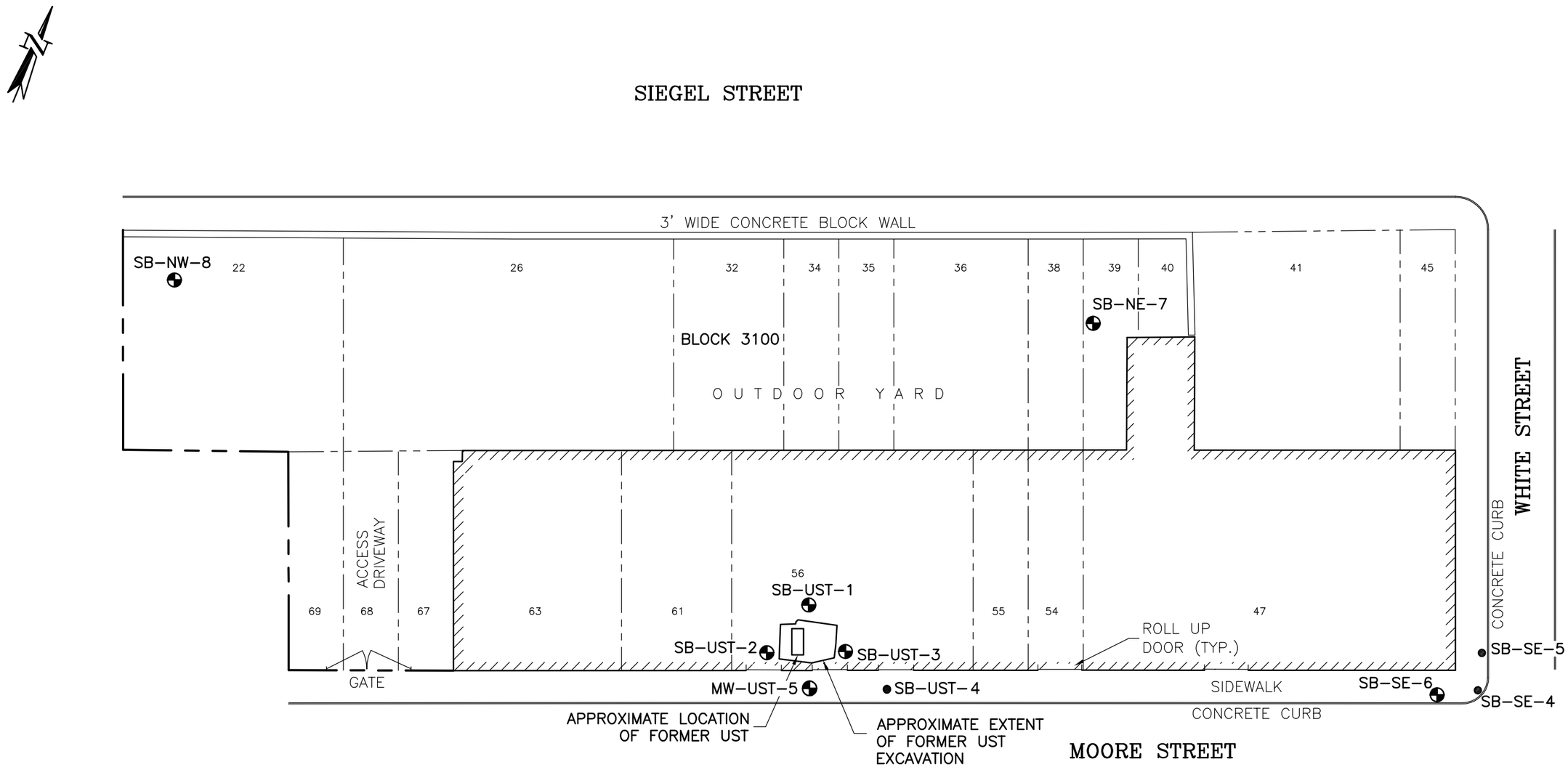
FIGURES



Gannett Fleming

FIGURE 1 – SITE LOCATION MAP
215 MOORE STREET
BROOKLYN, NY 11206

USGS Topographic Map Brooklyn, New York Quadrangle, 1995



LEGEND:

- SOIL BORING/GROUNDWATER MONITORING WELL LOCATIONS
- SOIL BORING LOCATIONS

0 50
Scale In Feet

SOIL BORING AND MONITORING WELL LOCATIONS

COOPER TANK RECYCLING
215 MOORE STREET, BROOKLYN, NY

TABLES

TABLE 1
SUMMARY OF SOIL RESULTS
VOLATILE ORGANIC COMPOUNDS
AND
SEMI-VOLATILE ORGANIC COMPOUNDS
Apr-11
COOPER TANK
215 MOORE STREET
BROOKLYN, NEW YORK

SAMPLE ID:	NYSDEC SOIL CLEANUP OBJECTIVES (CP-51 SCG and Part 375-6.8(a) UNRESTRICTED USE)	NYSDEC SOIL CLEANUP OBJECTIVES (Part 375-6.8(b) Industrial Use)	SB/MW-UST-5 3'-5'		SB-UST-4 2'-3'	
SAMPLE TYPE:			Solid		Solid	
SAMPLE DATE:			04/27/2011		04/27/2011	
GC/MS VOA (ppb) - 8260B						
Benzene	60	89000	0.63	U	0.63	U
Toluene	700	1000000	0.18	J	0.29	J
Ethylbenzene	1000	780000	0.78	U	0.78	U
*m/p-Xylenes	NS	NS	0.39	U	0.39	U
*o-Xylenes	NS	NS	0.21	U	0.21	U
Total Xylenes	260	1000000	5.6	U	5.6	U
Isopropylbenzene	NS	NS	0.21	U	0.21	U
n-Propylbenzene	3900	1000000	0.68	U	0.68	U
1,3,5-Trimethylbenzene	8400	380000	0.56	U	0.55	U
tert-Butylbenzene	5900	1000000	0.32	U	0.32	U
1,2,4-Trimethylbenzene	3600	380000	0.85	U	0.84	U
sec-Butylbenzene	11000	1000000	0.59	U	0.59	U
p-Isopropyltoluene	NS	NS	0.59	U	0.59	U
n-Butylbenzene (Butylbenz	12000	1000000	1.3	U	1.3	U
Methyl Tert butyl ether	930	1000000	0.23	U	0.23	U
Naphthalene	12000	1000000	0.32	U	0.32	U
GC/MS Semi VOA (ppb) - 8270C						
Acenaphthene	20000	1000000	29	J	510	J
Acenaphthylene	100000	1000000	20	J	68	J
Anthracene	100000	1000000	55	J	1100	J
Benzo[a]anthracene	**1000**	11000	120	J	**2900**	
Benzo[a]pyrene	**1000**	1100	80	J	**2700**	
Benzo[b]fluoranthene	**1000**	11000	100	J	**2900**	
Benzo[g,h,i]perylene	100000	1000000	72	J	2500	
Benzo[k]fluoranthene	**800**	110000	40	J	**1100**	**J**
Chrysene	**1000**	110000	110	J	**2700**	
Dibenz(a,h)anthracene	**330**	1100	24	U	**970**	**J**
Fluoranthene	100000	1000000	250	J	5300	
Fluorene	30000	1000000	41	J	400	J
Indeno[1,2,3-cd]pyrene	**500**	11000	65	J	**2600**	
Naphthalene (SV)	12000	1000000	78	J	89	J
Phenanthrene	100000	1000000	240	J	4100	
Pyrene	100000	1000000	410		7600	

Notes:
Highlighted concentrations shown in bold type face exceed cureent NYSDEC Soil Cleanup Levels (CP-51)
J Indicates an estimated value.
U Analyzed for but not detected.
NS No Standard
NA Not Applicable
* Standard is the sum of o-Xylenes+ m/p-Xylenes (260 ug/L for Unrestricted SCOs and 1000000 for Restricted Industrial SCOs)

TABLE 2
SUMMARY OF GROUNDWATER RESULTS
VOLATILE ORGANIC COMPOUNDS
AND
SEMI-VOLATILE ORGANIC COMPOUNDS
APRIL AND MAY 2011
COOPER TANK
215 MOORE STREET
BROOKLYN, NEW YORK

SAMPLE ID:	NYSDEC GW CLASS GA GUIDANCE VALUES	MW-UST-5		MW-X (Field Blank)		Trip Blank		MW-X (Field Blank)		Trip Blank	
SAMPLE TYPE:		Water		Water		Water		Water		Water	
SAMPLE DATE:		05/12/2011		05/12/2011		05/12/2011		04/27/2011		04/27/2011	
GC/MS VOA (ppb) - 8260B											
Benzene	**0.7**	**7.9**		0.74	U	0.74	U	0.74	U	0.74	U
Toluene	5	0.72	U	0.72	U	0.72	U	0.72	U	0.72	U
Ethylbenzene	5	0.87	U	0.87	U	0.87	U	0.87	U	0.87	U
*m/p-Xylenes	5	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
*o-Xylenes	5	0.66	U	0.66	U	0.66	U	0.66	U	0.66	U
Total Xylenes	5	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Isopropylbenzene	5	0.85	U	0.85	U	0.85	U	0.85	U	0.85	U
n-Propylbenzene	5	0.62	U	0.62	U	0.62	U	0.62	U	0.62	U
1,3,5-Trimethylbenzene	5	0.53	U	0.53	U	0.53	U	0.53	U	0.53	U
tert-Butylbenzene	5	0.75	U	0.75	U	0.75	U	0.75	U	0.75	U
1,2,4-Trimethylbenzene	5	0.64	U	0.64	U	0.64	U	0.64	U	0.64	U
sec-Butylbenzene	5	0.79	U	0.79	U	0.79	U	0.79	U	0.79	U
p-Isopropyltoluene	5	0.81	U	0.81	U	0.81	U	0.81	U	0.81	U
n-Butylbenzene (Butylbenz	5	0.67	U	0.67	U	0.67	U	0.67	U	0.67	U
Methyl Tert butyl ether	10	0.40	J	0.17	U	0.17	U	0.17	U	0.17	U
Naphthalene	10	0.34	U	0.34	U	0.34	U	0.34	U	0.34	U
GC/MS Semi VOA (ppb) - 8270C											
Acenaphthene	20	0.31	U	0.31	U	NA		0.31	U	NA	
Acenaphthylene	NS	0.34	U	0.34	U	NA		0.34	U	NA	
Anthracene	50	0.29	U	0.29	U	NA		0.29	U	NA	
Benzo[a]anthracene	0.002	0.30	U	0.30	U	NA		0.30	U	NA	
Benzo[a]pyrene	0.002	0.35	U	0.35	U	NA		0.35	U	NA	
Benzo[b]fluoranthene	0.002	0.36	U	0.36	U	NA		0.36	U	NA	
Benzo[g,h,i]perylene	0.002	0.36	U	0.36	U	NA		0.36	U	NA	
Benzo[k]fluoranthene	0.002	0.40	U	0.40	U	NA		0.40	U	NA	
Chrysene	0.002	0.25	U	0.25	U	NA		0.25	U	NA	
Dibenz(a,h)anthracene	50	0.38	U	0.38	U	NA		0.38	U	NA	
Fluoranthene	50	0.31	U	0.31	U	NA		0.31	U	NA	
Fluorene	50	0.26	U	0.26	U	NA		0.26	U	NA	
Indeno[1,2,3-cd]pyrene	0.002	0.28	U	0.28	U	NA		0.28	U	NA	
Naphthalene (SV)	10	0.30	U	0.30	U	NA		0.30	U	NA	
Phenanthrene	50	0.32	J	0.28	U	NA		0.28	U	NA	
Pyrene	50	0.33	U	0.33	U	NA		0.33	U	NA	

Notes:
Highlighted concentrations shown in bold type face exceed cureent NYSDEC GW CLASS GA GUIDANCE VALUES
J Indicates an estimated value.
U Analyzed for but not detected.
NS No Standard
NA Not Applicable
* Standard is the sum of o-Xylenes+ m/p-Xylenes

ATTACHMENT 1

BORING LOGS

SOIL BORING LOG

Client: Cooper Tank & Welding Corporation		Boring No.: SB-UST-4	Gannett Fleming Engineers, P.C. 100 Crossways Park Dr. W. Ste 300 Woodbury, NY 11797 (516) 364-4140
Project # : 53319.004		Sheet 1 of 1	
Site Location: 215 Moore Street, Brooklyn NY		Date: 4/27/2011	
Drilling Co: Aquifer Drilling and Testing (ADT)		Location of boring:	
Method: Hollow Stem Auger		Sidewalk area south of former UST	
Personnel: S. Narod (GF); G. Rivera (ADT)			
Total Depth: 11'	Depth to Water: 6'		

depth (feet)	PID (ppm)	Blow Counts	Sample ID	Depth (From-To)	Moisture Content	Recovery	Soil Classification	Remarks
	0.0	N/A		0-0.5'	Dry	N/A	Concrete	No odor, no stain
1	10.0	N/A		0.5'-1'	Dry	N/A	Dark Brown/Black F-M SILT and F GRAVEL, trace coal ash	No odor, no stain
	12.2	NA		1-2'	Slightly Moist	N/A	Brown F-M SAND and SILT, trace Brown Clay, trace Red Brick, trace Asphalt	No odor, no stain
2								
	15.2	NA	SB-UST-4 2-3'	2-3'	Slightly Moist	NA	Brown F-M SAND and SILT, trace Brown Clay, trace Red Brick, trace Asphalt, trace Slag	No odor, no stain
3								
	4.2			3-4'	Slightly Moist	NA	Dark Brown/Black F-M SILT and F GRAVEL, trace Red Brick, trace Asphalt, trace Slag	No odor, no stain
4								
	1.6			4-5'	Moist	NA	Brown/Green CLAY and F-M SAND, trace F Silt, trace Asphalt	No odor, no stain **Hand Cleared to 5'**
5								
	0.0	2		5-7'	Moist/	24/24"	Brown/Green CLAY and F-M SAND, trace F Silt,	No odor, no staining
		3			Very Moist		trace Asphalt, trace M Gravel	Groundwater at ~6'
6	0.0	3			Slighty		F-C SAND, little Clay	intermittent saturation 5-6.25'
	0.0	1			Saturated		Light Gray CLAY and F-C SAND, trace Silt	No odor, no stain
7	0.0	5		7-9'	Moist	24/24"	Brown CLAY, little F-M Sand, trace Silt	No odor, no stain
	0.0	3					Light Gray/Light Blue CLAY, little-trace F-M Sand, trace F-C Sand	No odor, no stain
8		3						
		2						
9	0.0	9		9-11'	Saturated	3.5/24"	Brown CLAY and F-M SAND	No odor/ no stain
		18						
10		12						
		10						
11								***End of boring at 11' BGS***
12								
13								
14								
15								
16								
17								
18								
19								
20								

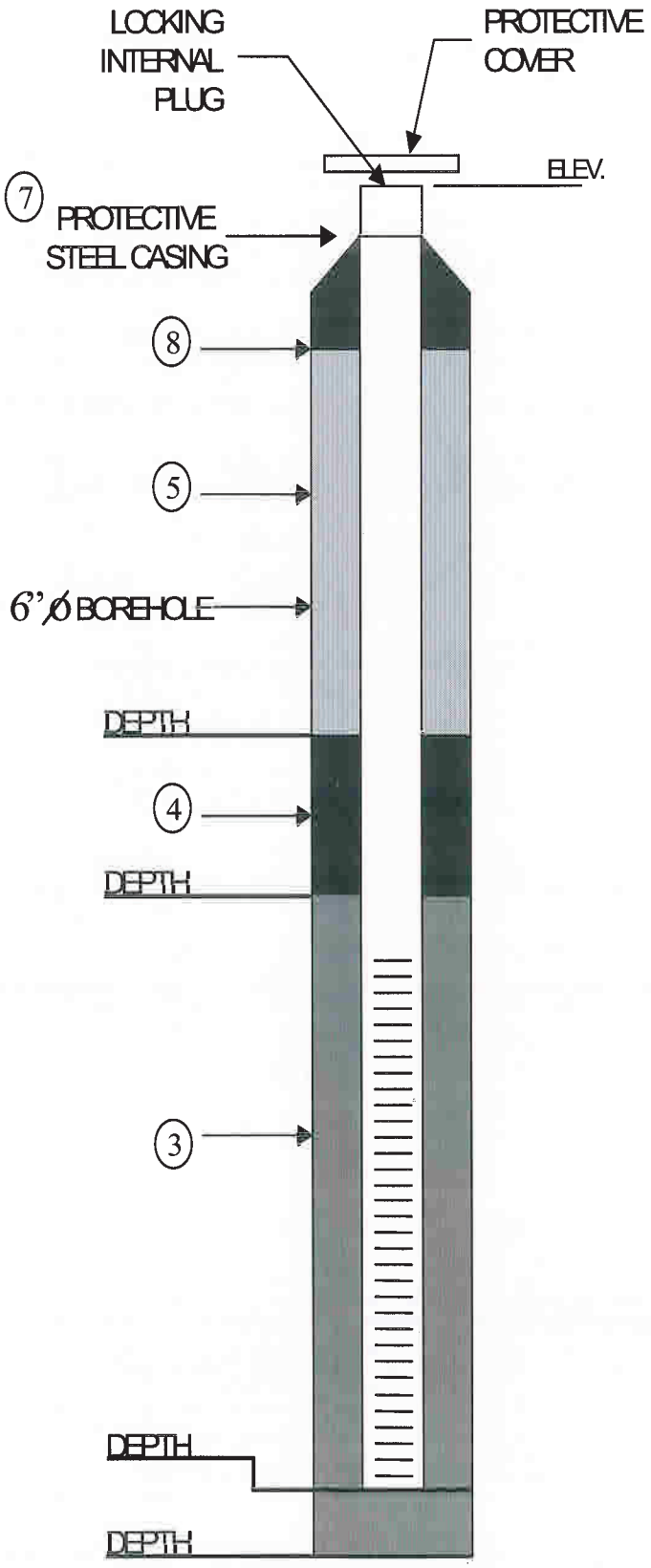
SOIL BORING LOG

Client: Cooper Tank & Welding Corporation		Boring No.: SB/MW-UST5	Gannett Fleming Engineers, P.C. 100 Crossways Park Dr. W. Ste 300 Woodbury, NY 11797 (516) 364-4140
Project # : 53319.004		Sheet 1 of 1	
Site Location: 215 Moore Street, Brooklyn NY		Date: 4/27/2011	
Drilling Co: Aquifer Drilling and Testing (ADT)		Location of boring:	
Method: Hollow Stem Auger		Sidewalk area south of former UST	
Personnel: S. Narod (GF); G. Rivera (ADT)			
Total Depth: 11'	Depth to Water: 6'		

depth (feet)	PID (ppm)	Blow Counts	Sample ID	Depth (From-To)	Moisture Content	Recovery	Soil Classification	Remarks
	0.0	N/A		0-0.5'	Dry	N/A	Concrete	No odor, no stain
1	1.2	N/A		0.5-1'	Dry	NA	Dark Brown/Black F-M SILT and F GRAVEL, little Slag, trace crushed Red Brick, trace coal ash	No odor, no stain
	0.0	NA		1-3'	Dry	NA	Dark Brown/Black F-M SILT and F GRAVEL, trace coal ash	No odor, no stain
2								
3	11.6	NA	SB/MW-UST-5 3-5'	3-5'	Dry	NA	Dark Brown/Black F-M SILT and F GRAVEL, trace coal ash	No odor, no stain
4								
5								**Hand Cleared to 5'**
		5		5-7'	Moist	9/24"	Brown F-M SAND, little Clay, trace F Silt	No odor, no stain
6		13						Groundwater at ~6'
		10						
7		11						
	8.7	5		7-9'	Saturated	24/24"	Brown CLAY, some F-C Sand, trace F Silt	No odor, no stain
8		6						
	4.2	3					Gray/Olive CLAY, some/little F-M Sand, trace Silt	No odor, no stain
9		3						
	0.0	2		9-11'	Saturated	24/24"	Gray/Olive CLAY, some/little F-M Sand, trace Silt	No odor, no stain
10		3						
	0.0	3			Saturated		Brown F-C SAND, little Clay, trace F Silt	No odor, no stain
11		7						
								End of boring at 11' BGS
12								**Boring was overdrilled to 12' and Monitoring well set at 12' BGS**
13								
14								
15								
16								
17								
18								
19								
20								

ATTACHMENT 2

WELL CONSTRUCTION LOG



Gannett Fleming

MONITORING WELL CONSTRUCTION INFORMATION

JOB No. : 053319.0044 CLIENT : Cooper Tank

LOCATION : 215 Moore Street, Brooklyn NY 11206

DATE : 4/27/11 WELL No.: MW-SB-UST-5

HYDROGEOLOGIST : Scott Narod

DRILLING CONTRACTOR : Aquifer Drilling and Testing

1). SCREEN TYPE : 2" diameter, 20 slot, schedule 40 PVC

SLOTTED LENGTH : 10'

SLOT SIZE : 0.020"

2). SOLID PIPE TYPE : 2" diameter, Schedule 40

SOLID PIPE LENGTH : 2'

PIPE & SCREEN DIA. : 2"

JOINT TYPE-SLIP / GLUED : ☐ THREADED ☑

3). TYPE OF BACKFILL AROUND SCREEN : Number 2 Morie Sand

4). TYPE OF SEAL (IF INSTALLED) : Bentonite

5). TYPE OF BACKFILL: Cement grout

HOW INSTALLED: Hand

6). TYPE OF SURFACE SEAL (IF INSTALLED): Cement grout

7). PROTECTIVE CASING: YES ☑ NO ☐

LOCKING CAP: YES ☑ NO ☐

8). CONCRETE SEAL: YES ☑ NO ☐

9). DRILLING METHOD: Hollow Stem Auger

10). ADDITIVES USED (IF ANY): none

WATER LEVELCHECKS*

DATE	TIME	DEPTH TO WATER	REMARKS
4/27/11	09:00	6.125	adiacent well
4/27/11	13:30	6.95	

* FROM TOP OF WELL

ATTACHMENT 3

WELL DEVELOPMENT LOG

COOPER TANK AND WELDING CORPORATION
215 MOORE STREET
BROOKLYN, NEW YORK
WELL DEVELOPMENT LOG

Well ID	Date	Depth to Product (feet)	Depth to Water (feet)	Depth to Bottom (feet)	Screened Interval (feet)	One Well Volume (gallons)	Ten Well Volumes (gallons)	Amount Purged (gallons)	Turbidity at End of purge (ntu)	Comments
MW-SB-UST-5	4/27/2011	NP	6.95	12	10	0.824	8.24	~15	VC	No odor/sheen observed

Notes:
NP - No Measurable Product
NM - Not Measured
VC - Visibly Clear

ATTACHMENT 4

GROUNDWATER SAMPLING LOG

WELL SAMPLING LOG	Gannett Fleming Engineers, P.C. 100 Crossways Park Drive West, Suite 300 Woodbury, NY 11797 (516) 364-4140 (516) 921-1565 Fax

I. General Information:

Client Name: Cooper Tank and Welding Corporation **Project No**.: 053319.004

Project Name: Cooper Tank **Sampled By**: Scott Narod

Well No.: MW-SB-UST-05 **Well Use:** Monitoring

Sample ID: MW-SB-UST-05 **Sample Date**: 5/12/11 **Sample Time**: 11:11

II. Well Information:

PID Reading: N/A **Well Diameter**: 2 inches

Static Depth to Water: 5.67 ft. below m.p. **Measuring Point (m.p.):** PVC Casing

Total Well Depth:12 ft. below m.p.

Δ h: 6.33 feet **Volume of Standing Water:** 1.03 gallons

Volume to be removed: N/A gallons **Actual Volume removed:** 4.00 gallons

III. Sampling Information:

Purging Method:

☒ Peristaltic Pump ☐ Submersible Pump

☐ Bailer ☐ Other _____

Well Drawdown/Recovery: ☒ Good ☐ Poor ☐ Other _____

Pump Flow Rate: 0.0519 gpm **Purge Time**: 49 min.

Purge Chemistry:

Time	Gallons	pH (Std. Units)	Sp. Cond. (mS/cm)	D. O. (mg/L)	Temp. (°C)	Turbidity (NTU)	DTW	ORP (mV)
---	---	±0.1	±3%	±10%		±10%	---	±10 mv
10:18	N/A	6.5	4.180	0.56	15.84	10.7	N/A	-85.9
10:23	N/A	6.45	4.189	0.45	15.49	10.6	N/A	-91.9
10:52	N/A	6.46	4.287	0.44	15.33	9.0	N/A	-90.3
10:55	N/A	6.46	4.281	0.37	15.41	9.3	N/A	-89.1
11:00	4.00	6.47	4.285	0.33	15.30	9.0	6.73	-76

Depth to water after purge and sampling: 6.73 ft. below m.p. **Time**: 11:12

Sample Appearance: ☐ Turbid ☐ Slightly Turbid ☒ Clear ☐ Other _____

Sample Odor: ☒ None ☐ Other _____

IV. Sample Analyses:

Sample Parameters: VOCs and SVOCs

Laboratory: Test America **Date Shipped**: Courier on 5/11/11

ATTACHMENT 5
ANALYTICAL RESULTS

(stored separately)

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-15334-1

SDG Number:

Job Description: Cooper Tank

For:
Gannett Fleming
100 Crossways Park West
Suite 300
Woodbury, NY 11797

Attention: Mr. Scott Narod

Approved for release.
Joan Widomski
Project Manager I
5/18/2011 12:22 PM

Designee for
Jackie Trudell
Project Manager I
jackie.trudell@testamericainc.com
05/18/2011
Revision: 1

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
TestAmerica Connecticut 128 Long Hill Cross Road, Shelton, CT 06484
Tel (203) 929-8140 Fax (203) 929-8142 www.testamericainc.com

ACCREDITED IN ACCORDANCE WITH nelac

Job Number: 220-15334-1

SDG Number:

Job Description: Cooper Tank

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Joan Widomski
Project Manager I
5/18/2011 12:22 PM

Designee for
Jackie Trudell

Table of Contents

Table of Contents

Comments
This revision has been created to add Acenaphthylene to the analytical list for SVOC analysis.
No additional comments.

Receipt
The following field QC sample was received at the laboratory without a sample collection time documented on the chain of custody: Trip Blank (220-15334-3). As a result, a sample collection time of 12:00am, on the date of collection, has been used.

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

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for samples SS-4 MS (220-15371-1 MS), SS-4 MSD (220-15371-1 MSD) were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

Metals
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: Gannett Fleming

Job Number: 220-15334-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-15334-1	SB-UST-4,2'-3'	Solid	04/27/2011 1030	04/27/2011 1800
220-15334-2	SB/MW-UST-5,3'-5'	Solid	04/27/2011 1215	04/27/2011 1800
220-15334-3TB	Trip Blank	Water	04/27/2011 0000	04/27/2011 1800
220-15334-4	MW-X	Water	04/27/2011 1310	04/27/2011 1800

EXECUTIVE SUMMARY - Detections

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15334-1	**SB-UST-4,2'-3'**					
Toluene		0.29	J	5.5	ug/Kg	8260B
Naphthalene		89	J	1200	ug/Kg	8270C
Acenaphthene		510	J	1200	ug/Kg	8270C
Fluorene		400	J	1200	ug/Kg	8270C
Phenanthrene		4100		1200	ug/Kg	8270C
Anthracene		1100	J	1200	ug/Kg	8270C
Pyrene		7600		1200	ug/Kg	8270C
Benzo[a]anthracene		2900		1200	ug/Kg	8270C
Chrysene		2700		1200	ug/Kg	8270C
Benzo[b]fluoranthene		2900		1200	ug/Kg	8270C
Benzo[k]fluoranthene		1100	J	1200	ug/Kg	8270C
Benzo[a]pyrene		2700		1200	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		2600		1200	ug/Kg	8270C
Dibenz(a,h)anthracene		970	J	1200	ug/Kg	8270C
Benzo[g,h,i]perylene		2500		1200	ug/Kg	8270C
Fluoranthene		5300		1200	ug/Kg	8270C
Acenaphthylene		68	J	1200	ug/Kg	8270C
Percent Moisture		9.8		0.10	%	Moisture
Percent Solids		90.2		0.10	%	Moisture
220-15334-2	**SB/MW-UST-5,3'-5'**					
Toluene		0.18	J	5.6	ug/Kg	8260B
Naphthalene		78	J	300	ug/Kg	8270C
Acenaphthene		29	J	300	ug/Kg	8270C
Fluorene		41	J	300	ug/Kg	8270C
Phenanthrene		240	J	300	ug/Kg	8270C
Anthracene		55	J	300	ug/Kg	8270C
Pyrene		410		300	ug/Kg	8270C
Benzo[a]anthracene		120	J	300	ug/Kg	8270C
Chrysene		110	J	300	ug/Kg	8270C
Benzo[b]fluoranthene		100	J	300	ug/Kg	8270C
Benzo[k]fluoranthene		40	J	300	ug/Kg	8270C
Benzo[a]pyrene		80	J	300	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		65	J	300	ug/Kg	8270C
Benzo[g,h,i]perylene		72	J	300	ug/Kg	8270C
Fluoranthene		250	J	300	ug/Kg	8270C
Acenaphthylene		20	J	300	ug/Kg	8270C
Percent Moisture		10.1		0.10	%	Moisture
Percent Solids		89.9		0.10	%	Moisture

METHOD SUMMARY

Client: Gannett Fleming Job Number: 220-15334-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL CT	SW846 8270C	
Automated Soxhlet Extraction	TAL CT		SW846 3541
Percent Moisture	TAL CT	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL CT	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8260B	Lynch, Eon	EL
SW846 8270C	Jonas, Stephan	SJ
EPA Moisture	Bouthot, Agnieszka	AB

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Client Sample ID: SB-UST-4,2'-3'

Lab Sample ID: 220-15334-1
Client Matrix: Solid
% Moisture: 9.8

Date Sampled: 04/27/2011 1030
Date Received: 04/27/2011 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50349	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3697.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/02/2011 1845			Final Weight/Volume:	5 mL
Prep Date:	05/02/2011 1845				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methyl tert-butyl ether		5.5	U	0.23	5.5
Benzene		5.5	U	0.63	5.5
Toluene		0.29	J	0.082	5.5
Ethylbenzene		5.5	U	0.78	5.5
m&p-Xylene		5.5	U	0.39	5.5
o-Xylene		5.5	U	0.21	5.5
Isopropylbenzene		5.5	U	0.21	5.5
N-Propylbenzene		5.5	U	0.68	5.5
1,3,5-Trimethylbenzene		5.5	U	0.55	5.5
tert-Butylbenzene		5.5	U	0.32	5.5
1,2,4-Trimethylbenzene		5.5	U	0.84	5.5
sec-Butylbenzene		5.5	U	0.59	5.5
4-Isopropyltoluene		5.5	U	0.59	5.5
n-Butylbenzene		5.5	U	1.3	5.5
Naphthalene		5.5	U	0.32	5.5
Xylenes, Total		5.5	U	0.54	5.5

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	86		59 - 132
4-Bromofluorobenzene	79		34 - 124
Dibromofluoromethane	86		59 - 123
Toluene-d8 (Surr)	80		50 - 118

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Client Sample ID: **SB/MW-UST-5,3'-5'**

Lab Sample ID: 220-15334-2
Client Matrix: Solid
% Moisture: 10.1

Date Sampled: 04/27/2011 1215
Date Received: 04/27/2011 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50349	Instrument ID:	MSO
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	O3698.D
Dilution:	1.0			Initial Weight/Volume:	5 g
Analysis Date:	05/02/2011 1910			Final Weight/Volume:	5 mL
Prep Date:	05/02/2011 1910				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Methyl tert-butyl ether		5.6	U	0.23	5.6
Benzene		5.6	U	0.63	5.6
Toluene		0.18	J	0.082	5.6
Ethylbenzene		5.6	U	0.78	5.6
m&p-Xylene		5.6	U	0.39	5.6
o-Xylene		5.6	U	0.21	5.6
Isopropylbenzene		5.6	U	0.21	5.6
N-Propylbenzene		5.6	U	0.68	5.6
1,3,5-Trimethylbenzene		5.6	U	0.56	5.6
tert-Butylbenzene		5.6	U	0.32	5.6
1,2,4-Trimethylbenzene		5.6	U	0.85	5.6
sec-Butylbenzene		5.6	U	0.59	5.6
4-Isopropyltoluene		5.6	U	0.59	5.6
n-Butylbenzene		5.6	U	1.3	5.6
Naphthalene		5.6	U	0.32	5.6
Xylenes, Total		5.6	U	0.54	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		59 - 132
4-Bromofluorobenzene	52		34 - 124
Dibromofluoromethane	80		59 - 123
Toluene-d8 (Surr)	74		50 - 118

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Client Sample ID: **Trip Blank**

Lab Sample ID: 220-15334-3TB
Client Matrix: Water

Date Sampled: 04/27/2011 0000
Date Received: 04/27/2011 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50397	Instrument ID:	MSL
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	L9429.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/04/2011 0844			Final Weight/Volume:	5 mL
Prep Date:	05/04/2011 0844				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	5.0	U	0.17	5.0
Benzene	5.0	U	0.74	5.0
Toluene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
m&p-Xylene	5.0	U	1.7	5.0
o-Xylene	5.0	U	0.66	5.0
Isopropylbenzene	5.0	U	0.85	5.0
N-Propylbenzene	5.0	U	0.62	5.0
1,3,5-Trimethylbenzene	5.0	U	0.53	5.0
tert-Butylbenzene	5.0	U	0.75	5.0
1,2,4-Trimethylbenzene	5.0	U	0.64	5.0
sec-Butylbenzene	5.0	U	0.79	5.0
4-Isopropyltoluene	5.0	U	0.81	5.0
n-Butylbenzene	5.0	U	0.67	5.0
Naphthalene	5.0	U	0.34	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		65 - 136
4-Bromofluorobenzene	96		51 - 142
Dibromofluoromethane	100		68 - 132
Toluene-d8 (Surr)	110		63 - 127

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Client Sample ID: MW-X

Lab Sample ID: 220-15334-4
Client Matrix: Water

Date Sampled: 04/27/2011 1310
Date Received: 04/27/2011 1800

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50397	Instrument ID:	MSL
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	L9430.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/04/2011 0908			Final Weight/Volume:	5 mL
Prep Date:	05/04/2011 0908				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	5.0	U	0.17	5.0
Benzene	5.0	U	0.74	5.0
Toluene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
m&p-Xylene	5.0	U	1.7	5.0
o-Xylene	5.0	U	0.66	5.0
Isopropylbenzene	5.0	U	0.85	5.0
N-Propylbenzene	5.0	U	0.62	5.0
1,3,5-Trimethylbenzene	5.0	U	0.53	5.0
tert-Butylbenzene	5.0	U	0.75	5.0
1,2,4-Trimethylbenzene	5.0	U	0.64	5.0
sec-Butylbenzene	5.0	U	0.79	5.0
4-Isopropyltoluene	5.0	U	0.81	5.0
n-Butylbenzene	5.0	U	0.67	5.0
Naphthalene	5.0	U	0.34	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90		65 - 136
4-Bromofluorobenzene	94		51 - 142
Dibromofluoromethane	98		68 - 132
Toluene-d8 (Surr)	106		63 - 127

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Client Sample ID: **SB-UST-4,2'-3'**

Lab Sample ID: 220-15334-1
Client Matrix: Solid
% Moisture: 9.8

Date Sampled: 04/27/2011 1030
Date Received: 04/27/2011 1800

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50455	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-50282	Lab File ID:	C23084.D
Dilution:	4.0			Initial Weight/Volume:	15.02 g
Analysis Date:	05/04/2011 1715			Final Weight/Volume:	1.0 mL
Prep Date:	05/02/2011 0645			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Naphthalene		89	J	62	1200
Acenaphthene		510	J	71	1200
Fluorene		400	J	72	1200
Phenanthrene		4100		59	1200
Anthracene		1100	J	46	1200
Pyrene		7600		56	1200
Benzo[a]anthracene		2900		43	1200
Chrysene		2700		88	1200
Benzo[b]fluoranthene		2900		32	1200
Benzo[k]fluoranthene		1100	J	110	1200
Benzo[a]pyrene		2700		32	1200
Indeno[1,2,3-cd]pyrene		2600		77	1200
Dibenz(a,h)anthracene		970	J	94	1200
Benzo[g,h,i]perylene		2500		78	1200
Fluoranthene		5300		59	1200
Acenaphthylene		68	J	58	1200

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	72		38 - 120
2-Fluorobiphenyl	75		41 - 120
Terphenyl-d14	134	*	32 - 125

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Client Sample ID: **SB/MW-UST-5,3'-5'**

Lab Sample ID: 220-15334-2
Client Matrix: Solid
% Moisture: 10.1

Date Sampled: 04/27/2011 1215
Date Received: 04/27/2011 1800

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50455	Instrument ID:	MSC
Prep Method:	3541	Prep Batch:	220-50282	Lab File ID:	C23085.D
Dilution:	1.0			Initial Weight/Volume:	14.96 g
Analysis Date:	05/04/2011 1744			Final Weight/Volume:	1.0 mL
Prep Date:	05/02/2011 0645			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Naphthalene		78	J	16	300
Acenaphthene		29	J	18	300
Fluorene		41	J	18	300
Phenanthrene		240	J	15	300
Anthracene		55	J	12	300
Pyrene		410		14	300
Benzo[a]anthracene		120	J	11	300
Chrysene		110	J	22	300
Benzo[b]fluoranthene		100	J	8.0	300
Benzo[k]fluoranthene		40	J	27	300
Benzo[a]pyrene		80	J	8.1	300
Indeno[1,2,3-cd]pyrene		65	J	20	300
Dibenz(a,h)anthracene		300	U	24	300
Benzo[g,h,i]perylene		72	J	20	300
Fluoranthene		250	J	15	300
Acenaphthylene		20	J	15	300

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	67		38 - 120
2-Fluorobiphenyl	64		41 - 120
Terphenyl-d14	111		32 - 125

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Client Sample ID: MW-X

Lab Sample ID: 220-15334-4
Client Matrix: Water

Date Sampled: 04/27/2011 1310
Date Received: 04/27/2011 1800

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50456	Instrument ID:	MSZ
Prep Method:	3510C	Prep Batch:	220-50206	Lab File ID:	Z19917.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	05/04/2011 2117			Final Weight/Volume:	1.0 mL
Prep Date:	04/28/2011 1357			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Naphthalene	4.0	U	0.30	4.0
Acenaphthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Phenanthrene	4.0	U	0.28	4.0
Anthracene	4.0	U	0.29	4.0
Pyrene	4.0	U	0.33	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Fluoranthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	62		40 - 120
2-Fluorobiphenyl	66		39 - 120
Terphenyl-d14	79		10 - 120

General Chemistry

Client Sample ID: **SB-UST-4,2'-3'**

Lab Sample ID: 220-15334-1
Client Matrix: Solid

Date Sampled: 04/27/2011 1030
Date Received: 04/27/2011 1800

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.8		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50231	Analysis Date: 04/29/2011 0929						DryWt Corrected: N
Percent Solids	90.2		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50231	Analysis Date: 04/29/2011 0929						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB/MW-UST-5,3'-5'**

Lab Sample ID: 220-15334-2
Client Matrix: Solid

Date Sampled: 04/27/2011 1215
Date Received: 04/27/2011 1800

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.1		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50231	Analysis Date: 04/29/2011 0929						DryWt Corrected: N
Percent Solids	89.9		%	0.10	0.10	1.0	Moisture
Analysis Batch: 220-50231	Analysis Date: 04/29/2011 0929						DryWt Corrected: N

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-15334-1	SB-UST-4,2'-3'	86	86	80	79
220-15334-2	SB/MW-UST-5,3'-5'	80	83	74	52
MB 220-50349/3		111	116	108	122
LCS 220-50349/2		101	107	99	103

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	59-123
DCA = 1,2-Dichloroethane-d4 (Surr)	59-132
TOL = Toluene-d8 (Surr)	50-118
BFB = 4-Bromofluorobenzene	34-124

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-15334-3	Trip Blank	100	96	110	96
220-15334-4	MW-X	98	90	106	94
MB 220-50397/3		97	93	103	95
LCS 220-50397/2		99	94	104	93

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	NBZ %Rec	FBP %Rec	TPH %Rec
220-15334-1	SB-UST-4,2'-3'	72	75	134*
220-15334-2	SB/MW-UST-5,3'-5'	67	64	111
MB 220-50282/1-A		80	81	76
LCS 220-50282/2-A		88	85	83

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	38-120
FBP = 2-Fluorobiphenyl	41-120
TPH = Terphenyl-d14	32-125

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	NBZ %Rec	FBP %Rec	TPH %Rec
220-15334-4	MW-X	62	66	79
MB 220-50206/1-A		54	57	66
LCS 220-50206/2-A		68	73	88

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TPH = Terphenyl-d14	10-120

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Method Blank - Batch: 220-50349

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-50349/3	Analysis Batch:	220-50349	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O3686.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/02/2011 1300	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/02/2011 1300				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Methyl tert-butyl ether	5.0	U	0.21	5.0
Benzene	5.0	U	0.57	5.0
Toluene	5.0	U	0.074	5.0
Ethylbenzene	5.0	U	0.70	5.0
m&p-Xylene	5.0	U	0.35	5.0
o-Xylene	5.0	U	0.19	5.0
Isopropylbenzene	5.0	U	0.19	5.0
N-Propylbenzene	5.0	U	0.61	5.0
1,3,5-Trimethylbenzene	5.0	U	0.50	5.0
tert-Butylbenzene	5.0	U	0.29	5.0
1,2,4-Trimethylbenzene	5.0	U	0.76	5.0
sec-Butylbenzene	5.0	U	0.53	5.0
4-Isopropyltoluene	5.0	U	0.53	5.0
n-Butylbenzene	5.0	U	1.1	5.0
Naphthalene	5.0	U	0.29	5.0
Xylenes, Total	5.0	U	0.49	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116	59 - 132
4-Bromofluorobenzene	122	34 - 124
Dibromofluoromethane	111	59 - 123
Toluene-d8 (Surr)	108	50 - 118

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Lab Control Sample - Batch: 220-50349

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-50349/2	Analysis Batch:	220-50349	Instrument ID:	MSO
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O3683.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	05/02/2011 1127	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	05/02/2011 1127				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methyl tert-butyl ether	20.0	19.3	97	88 - 148	
Benzene	20.0	19.1	96	80 - 133	
Toluene	20.0	18.9	95	65 - 121	
Ethylbenzene	20.0	19.4	97	72 - 120	
m&p-Xylene	40.0	39.6	99	71 - 120	
o-Xylene	20.0	19.4	97	69 - 120	
Isopropylbenzene	20.0	20.0	100	65 - 120	
N-Propylbenzene	20.0	20.2	101	63 - 120	
1,3,5-Trimethylbenzene	20.0	20.2	101	62 - 120	
tert-Butylbenzene	20.0	19.8	99	66 - 120	
1,2,4-Trimethylbenzene	20.0	20.1	100	63 - 120	
sec-Butylbenzene	20.0	20.2	101	65 - 120	
4-Isopropyltoluene	20.0	19.9	99	63 - 120	
n-Butylbenzene	20.0	22.2	111	58 - 120	
Naphthalene	20.0	18.5	92	67 - 124	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	59 - 132
4-Bromofluorobenzene	103	34 - 124
Dibromofluoromethane	101	59 - 123
Toluene-d8 (Surr)	99	50 - 118

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Method Blank - Batch: 220-50397

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-50397/3	Analysis Batch:	220-50397	Instrument ID:	MSL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	L9408.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/04/2011 0001	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/04/2011 0001				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Methyl tert-butyl ether	5.0	U	0.17	5.0
Benzene	5.0	U	0.74	5.0
Toluene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
m&p-Xylene	5.0	U	1.7	5.0
o-Xylene	5.0	U	0.66	5.0
Isopropylbenzene	5.0	U	0.85	5.0
N-Propylbenzene	5.0	U	0.62	5.0
1,3,5-Trimethylbenzene	5.0	U	0.53	5.0
tert-Butylbenzene	5.0	U	0.75	5.0
1,2,4-Trimethylbenzene	5.0	U	0.64	5.0
sec-Butylbenzene	5.0	U	0.79	5.0
4-Isopropyltoluene	5.0	U	0.81	5.0
n-Butylbenzene	5.0	U	0.67	5.0
Naphthalene	5.0	U	0.34	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	65 - 136
4-Bromofluorobenzene	95	51 - 142
Dibromofluoromethane	97	68 - 132
Toluene-d8 (Surr)	103	63 - 127

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Lab Control Sample - Batch: 220-50397

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-50397/2	Analysis Batch:	220-50397	Instrument ID:	MSL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	L9406.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/03/2011 2311	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/03/2011 2311				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methyl tert-butyl ether	20.0	19.5	98	79 - 122	
Benzene	20.0	20.1	101	66 - 131	
Toluene	20.0	19.8	99	66 - 120	
Ethylbenzene	20.0	19.5	97	62 - 120	
m&p-Xylene	40.0	40.2	101	58 - 120	
o-Xylene	20.0	19.9	99	53 - 120	
Isopropylbenzene	20.0	20.2	101	48 - 122	
N-Propylbenzene	20.0	19.7	98	54 - 120	
1,3,5-Trimethylbenzene	20.0	20.3	101	50 - 120	
tert-Butylbenzene	20.0	19.9	100	50 - 121	
1,2,4-Trimethylbenzene	20.0	19.8	99	52 - 120	
sec-Butylbenzene	20.0	20.3	101	52 - 124	
4-Isopropyltoluene	20.0	20.0	100	46 - 120	
n-Butylbenzene	20.0	11.2	56	35 - 124	
Naphthalene	20.0	17.7	89	38 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	65 - 136
4-Bromofluorobenzene	93	51 - 142
Dibromofluoromethane	99	68 - 132
Toluene-d8 (Surr)	104	63 - 127

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Method Blank - Batch: 220-50206

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 220-50206/1-A	Analysis Batch:	220-50456	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-50206	Lab File ID:	Z19896.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	05/04/2011 1140	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	04/28/2011 1357			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Naphthalene	4.0	U	0.30	4.0
Acenaphthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Phenanthrene	4.0	U	0.28	4.0
Anthracene	4.0	U	0.29	4.0
Pyrene	4.0	U	0.33	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Fluoranthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	54	40 - 120
2-Fluorobiphenyl	57	39 - 120
Terphenyl-d14	66	10 - 120

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Lab Control Sample - Batch: 220-50206

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 220-50206/2-A	Analysis Batch:	220-50456	Instrument ID:	MSZ
Client Matrix:	Water	Prep Batch:	220-50206	Lab File ID:	Z19897.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	05/04/2011 1207	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	04/28/2011 1357			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Naphthalene	40.0	25.7	64	42 - 120	
Acenaphthene	40.0	29.4	73	52 - 120	
Fluorene	40.0	33.9	85	61 - 120	
Phenanthrene	40.0	30.7	77	63 - 120	
Anthracene	40.0	30.5	76	60 - 120	
Pyrene	40.0	34.1	85	62 - 120	
Benzo[a]anthracene	40.0	35.5	89	60 - 120	
Chrysene	40.0	35.4	89	59 - 120	
Benzo[b]fluoranthene	40.0	41.3	103	59 - 120	
Benzo[k]fluoranthene	40.0	40.8	102	58 - 120	
Benzo[a]pyrene	40.0	37.6	94	51 - 120	
Indeno[1,2,3-cd]pyrene	40.0	32.5	81	48 - 120	
Dibenz(a,h)anthracene	40.0	36.9	92	47 - 120	
Benzo[g,h,i]perylene	40.0	38.6	97	48 - 120	
Fluoranthene	40.0	34.5	86	56 - 120	
Acenaphthylene	40.0	31.3	78	52 - 120	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	68	40 - 120
2-Fluorobiphenyl	73	39 - 120
Terphenyl-d14	88	10 - 120

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Method Blank - Batch: 220-50282

Method: 8270C
Preparation: 3541

Lab Sample ID:	MB 220-50282/1-A	Analysis Batch:	220-50341	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-50282	Lab File ID:	C23017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	05/02/2011 1125	Units:	ug/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	05/02/2011 0645			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Naphthalene	270	U	14	270
Acenaphthene	270	U	16	270
Fluorene	270	U	16	270
Phenanthrene	270	U	13	270
Anthracene	270	U	11	270
Pyrene	270	U	13	270
Benzo[a]anthracene	270	U	9.6	270
Chrysene	270	U	20	270
Benzo[b]fluoranthene	270	U	7.2	270
Benzo[k]fluoranthene	270	U	24	270
Benzo[a]pyrene	270	U	7.3	270
Indeno[1,2,3-cd]pyrene	270	U	18	270
Dibenz(a,h)anthracene	270	U	21	270
Benzo[g,h,i]perylene	270	U	18	270
Fluoranthene	270	U	13	270
Acenaphthylene	270	U	13	270

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	80	38 - 120
2-Fluorobiphenyl	81	41 - 120
Terphenyl-d14	76	32 - 125

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Lab Control Sample - Batch: 220-50282

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 220-50282/2-A	Analysis Batch:	220-50341	Instrument ID:	MSC
Client Matrix:	Solid	Prep Batch:	220-50282	Lab File ID:	C23018.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0 g
Analysis Date:	05/02/2011 1153	Units:	ug/Kg	Final Weight/Volume:	1.0 mL
Prep Date:	05/02/2011 0645			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Naphthalene	2670	2300	86	55 - 120	
Acenaphthene	2670	2240	84	57 - 120	
Fluorene	2670	2300	86	58 - 120	
Phenanthrene	2670	2230	84	58 - 120	
Anthracene	2670	2230	83	58 - 120	
Pyrene	2670	2240	84	54 - 121	
Benzo[a]anthracene	2670	2330	88	58 - 120	
Chrysene	2670	2310	87	57 - 120	
Benzo[b]fluoranthene	2670	2390	90	54 - 120	
Benzo[k]fluoranthene	2670	2460	92	53 - 120	
Benzo[a]pyrene	2670	2260	85	44 - 120	
Indeno[1,2,3-cd]pyrene	2670	1690	63	37 - 120	
Dibenz(a,h)anthracene	2670	1780	67	39 - 120	
Benzo[g,h,i]perylene	2670	1690	64	37 - 120	
Fluoranthene	2670	2260	85	57 - 120	
Acenaphthylene	2670	2210	83	57 - 120	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	88	38 - 120
2-Fluorobiphenyl	85	41 - 120
Terphenyl-d14	83	32 - 125

DATA REPORTING QUALIFIERS

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	Surrogate exceeds the control limit

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-50349					
LCS 220-50349/2	Lab Control Sample	T	Solid	8260B	
MB 220-50349/3	Method Blank	T	Solid	8260B	
220-15334-1	SB-UST-4,2'-3'	T	Solid	8260B	
220-15334-2	SB/MW-UST-5,3'-5'	T	Solid	8260B	
Analysis Batch:220-50397					
LCS 220-50397/2	Lab Control Sample	T	Water	8260B	
MB 220-50397/3	Method Blank	T	Water	8260B	
220-15334-3TB	Trip Blank	T	Water	8260B	
220-15334-4	MW-X	T	Water	8260B	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 220-50206					
LCS 220-50206/2-A	Lab Control Sample	T	Water	3510C	
MB 220-50206/1-A	Method Blank	T	Water	3510C	
220-15334-4	MW-X	T	Water	3510C	
Prep Batch: 220-50282					
LCS 220-50282/2-A	Lab Control Sample	T	Solid	3541	
MB 220-50282/1-A	Method Blank	T	Solid	3541	
220-15334-1	SB-UST-4,2'-3'	T	Solid	3541	
220-15334-2	SB/MW-UST-5,3'-5'	T	Solid	3541	
Analysis Batch:220-50341					
LCS 220-50282/2-A	Lab Control Sample	T	Solid	8270C	220-50282
MB 220-50282/1-A	Method Blank	T	Solid	8270C	220-50282
Analysis Batch:220-50455					
220-15334-1	SB-UST-4,2'-3'	T	Solid	8270C	220-50282
220-15334-2	SB/MW-UST-5,3'-5'	T	Solid	8270C	220-50282
Analysis Batch:220-50456					
LCS 220-50206/2-A	Lab Control Sample	T	Water	8270C	220-50206
MB 220-50206/1-A	Method Blank	T	Water	8270C	220-50206
220-15334-4	MW-X	T	Water	8270C	220-50206

Report Basis
T = Total

Client: Gannett Fleming

Job Number: 220-15334-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:220-50231					
220-15334-1	SB-UST-4,2'-3'	T	Solid	Moisture	
220-15334-2	SB/MW-UST-5,3'-5'	T	Solid	Moisture	

Report Basis
T = Total

Client: Gannett Fleming Job Number: 220-15334-1

Laboratory Chronicle

Lab ID: 220-15334-1 **Client ID: SB-UST-4,2'-3'**

Sample Date/Time: 04/27/2011 10:30 Received Date/Time: 04/27/2011 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-15334-A-1		220-50349		05/02/2011 18:45	1	TAL CT	DH
A:8260B	220-15334-A-1		220-50349		05/02/2011 18:45	1	TAL CT	DH
P:3541	220-15334-B-1-A		220-50455	220-50282	05/02/2011 06:45	4	TAL CT	SJ
A:8270C	220-15334-B-1-A		220-50455	220-50282	05/04/2011 17:15	4	TAL CT	SJ
A:Moisture	220-15334-B-1		220-50231		04/29/2011 09:29	1	TAL CT	AB

Lab ID: 220-15334-2 **Client ID: SB/MW-UST-5,3'-5'**

Sample Date/Time: 04/27/2011 12:15 Received Date/Time: 04/27/2011 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-15334-A-2		220-50349		05/02/2011 19:10	1	TAL CT	DH
A:8260B	220-15334-A-2		220-50349		05/02/2011 19:10	1	TAL CT	DH
P:3541	220-15334-B-2-A		220-50455	220-50282	05/02/2011 06:45	1	TAL CT	SJ
A:8270C	220-15334-B-2-A		220-50455	220-50282	05/04/2011 17:44	1	TAL CT	SJ
A:Moisture	220-15334-B-2		220-50231		04/29/2011 09:29	1	TAL CT	AB

Lab ID: 220-15334-3 **Client ID: Trip Blank**

Sample Date/Time: 04/27/2011 00:00 Received Date/Time: 04/27/2011 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-15334-A-3		220-50397		05/04/2011 08:44	1	TAL CT	EL
A:8260B	220-15334-A-3		220-50397		05/04/2011 08:44	1	TAL CT	EL

Lab ID: 220-15334-4 **Client ID: MW-X**

Sample Date/Time: 04/27/2011 13:10 Received Date/Time: 04/27/2011 18:00

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-15334-A-4		220-50397		05/04/2011 09:08	1	TAL CT	EL
A:8260B	220-15334-A-4		220-50397		05/04/2011 09:08	1	TAL CT	EL
P:3510C	220-15334-E-4-A		220-50456	220-50206	04/28/2011 13:57	1	TAL CT	TF
A:8270C	220-15334-E-4-A		220-50456	220-50206	05/04/2011 21:17	1	TAL CT	SJ

Client: Gannett Fleming

Job Number: 220-15334-1

Laboratory Chronicle

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 220-50349/3		220-50349		05/02/2011 13:00	1	TAL CT	DH
A:8260B	MB 220-50349/3		220-50349		05/02/2011 13:00	1	TAL CT	DH
P:5030B	MB 220-50397/3		220-50397		05/04/2011 00:01	1	TAL CT	EL
A:8260B	MB 220-50397/3		220-50397		05/04/2011 00:01	1	TAL CT	EL
P:3541	MB 220-50282/1-A		220-50341	220-50282	05/02/2011 06:45	1	TAL CT	SJ
A:8270C	MB 220-50282/1-A		220-50341	220-50282	05/02/2011 11:25	1	TAL CT	SJ
P:3510C	MB 220-50206/1-A		220-50456	220-50206	04/28/2011 13:57	1	TAL CT	TF
A:8270C	MB 220-50206/1-A		220-50456	220-50206	05/04/2011 11:40	1	TAL CT	SJ

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 220-50349/2		220-50349		05/02/2011 11:27	1	TAL CT	DH
A:8260B	LCS 220-50349/2		220-50349		05/02/2011 11:27	1	TAL CT	DH
P:5030B	LCS 220-50397/2		220-50397		05/03/2011 23:11	1	TAL CT	EL
A:8260B	LCS 220-50397/2		220-50397		05/03/2011 23:11	1	TAL CT	EL
P:3541	LCS 220-50282/2-A		220-50341	220-50282	05/02/2011 06:45	1	TAL CT	SJ
A:8270C	LCS 220-50282/2-A		220-50341	220-50282	05/02/2011 11:53	1	TAL CT	SJ
P:3510C	LCS 220-50206/2-A		220-50456	220-50206	04/28/2011 13:57	1	TAL CT	TF
A:8270C	LCS 220-50206/2-A		220-50456	220-50206	05/04/2011 12:07	1	TAL CT	SJ

Lab References:

TAL CT = TestAmerica Connecticut

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
SB-UST-4,2'-3'	220-15334-1	86	86	80	79
SB/MW-UST-5,3'-5'	220-15334-2	80	83	74	52
	MB 220-50349/3	111	116	108	122
	LCS 220-50349/2	101	107	99	103

	QC LIMITS
DBFM = Dibromofluoromethane	59-123
DCA = 1,2-Dichloroethane-d4 (Surr)	59-132
TOL = Toluene-d8 (Surr)	50-118
BFB = 4-Bromofluorobenzene	34-124

Column to be used to flag recovery values

FORM II 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
Trip Blank	220-15334-3	100	96	110	96
MW-X	220-15334-4	98	90	106	94
	MB 220-50397/3	97	93	103	95
	LCS 220-50397/2	99	94	104	93

	QC LIMITS
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: O3683.D

Lab ID: LCS 220-50349/2 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Methyl tert-butyl ether	20.0	19.3	97	88-148	
Benzene	20.0	19.1	96	80-133	
Toluene	20.0	18.9	95	65-121	
Ethylbenzene	20.0	19.4	97	72-120	
m&p-Xylene	40.0	39.6	99	71-120	
o-Xylene	20.0	19.4	97	69-120	
Isopropylbenzene	20.0	20.0	100	65-120	
N-Propylbenzene	20.0	20.2	101	63-120	
1,3,5-Trimethylbenzene	20.0	20.2	101	62-120	
tert-Butylbenzene	20.0	19.8	99	66-120	
1,2,4-Trimethylbenzene	20.0	20.1	100	63-120	
sec-Butylbenzene	20.0	20.2	101	65-120	
4-Isopropyltoluene	20.0	19.9	99	63-120	
n-Butylbenzene	20.0	22.2	111	58-120	
Naphthalene	20.0	18.5	92	67-124	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Matrix: Water Level: Low Lab File ID: L9406.D

Lab ID: LCS 220-50397/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methyl tert-butyl ether	20.0	19.5	98	79-122	
Benzene	20.0	20.1	101	66-131	
Toluene	20.0	19.8	99	66-120	
Ethylbenzene	20.0	19.5	97	62-120	
m&p-Xylene	40.0	40.2	101	58-120	
o-Xylene	20.0	19.9	99	53-120	
Isopropylbenzene	20.0	20.2	101	48-122	
N-Propylbenzene	20.0	19.7	98	54-120	
1,3,5-Trimethylbenzene	20.0	20.3	101	50-120	
tert-Butylbenzene	20.0	19.9	100	50-121	
1,2,4-Trimethylbenzene	20.0	19.8	99	52-120	
sec-Butylbenzene	20.0	20.3	101	52-124	
4-Isopropyltoluene	20.0	20.0	100	46-120	
n-Butylbenzene	20.0	11.2	56	35-124	
Naphthalene	20.0	17.7	89	38-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: O3686.D Lab Sample ID: MB 220-50349/3

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: MSO Date Analyzed: 05/02/2011 13:00

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-50349/2	O3683.D	05/02/2011 11:27
SB-UST-4,2'-3'	220-15334-1	O3697.D	05/02/2011 18:45
SB/MW-UST-5,3'-5'	220-15334-2	O3698.D	05/02/2011 19:10

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: L9408.D Lab Sample ID: MB 220-50397/3

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: MSL Date Analyzed: 05/04/2011 00:01

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-50397/2	L9406.D	05/03/2011 23:11
Trip Blank	220-15334-3	L9429.D	05/04/2011 08:44
MW-X	220-15334-4	L9430.D	05/04/2011 09:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: LB714.D BFB Injection Date: 05/02/2011

Instrument ID: MSL BFB Injection Time: 18:16

Analysis Batch No.: 50337

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.9	
75	30.0 - 60.0 % of mass 95	38.7	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.2	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	77.1	
175	5.0 - 9.0 % of mass 174	5.6	(7.2)1
176	95.0 - 101.0 % of mass 174	74.2	(96.3)1
177	5.0 - 9.0 % of mass 176	4.4	(6.0)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-50337/1	L9392.D	05/02/2011	18:36
	IC 220-50337/2	L9393.D	05/02/2011	19:00
	IC 220-50337/3	L9394.D	05/02/2011	19:25
	IC 220-50337/4	L9395.D	05/02/2011	19:49
	IC 220-50337/5	L9396.D	05/02/2011	20:13
	IC 220-50337/6	L9397.D	05/02/2011	20:37

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: LB715.D BFB Injection Date: 05/03/2011

Instrument ID: MSL BFB Injection Time: 22:09

Analysis Batch No.: 50397

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.6	
75	30.0 - 60.0 % of mass 95	39.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	72.0	
175	5.0 - 9.0 % of mass 174	5.3	(7.3)1
176	95.0 - 101.0 % of mass 174	68.8	(95.5)1
177	5.0 - 9.0 % of mass 176	4.2	(6.1)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-50397/1	L9405.D	05/03/2011	22:36
	LCS 220-50397/2	L9406.D	05/03/2011	23:11
	MB 220-50397/3	L9408.D	05/04/2011	00:01
Trip Blank	220-15334-3	L9429.D	05/04/2011	08:44
MW-X	220-15334-4	L9430.D	05/04/2011	09:08

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: OB986.D BFB Injection Date: 04/29/2011

Instrument ID: MSO BFB Injection Time: 12:54

Analysis Batch No.: 50432

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.4	
75	30.0 - 60.0 % of mass 95	44.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	84.0	
175	5.0 - 9.0 % of mass 174	6.0	(7.1)1
176	95.0 - 101.0 % of mass 174	82.0	(97.5)1
177	5.0 - 9.0 % of mass 176	5.0	(6.1)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-50432/1	O3673.D	04/29/2011	14:23
	IC 220-50432/2	O3674.D	04/29/2011	15:20
	IC 220-50432/3	O3675.D	04/29/2011	15:46
	IC 220-50432/4	O3676.D	04/29/2011	16:11
	IC 220-50432/5	O3677.D	04/29/2011	16:36
	IC 220-50432/6	O3678.D	04/29/2011	17:02

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: OB988.D BFB Injection Date: 05/02/2011

Instrument ID: MSO BFB Injection Time: 10:07

Analysis Batch No.: 50349

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.8	
75	30.0 - 60.0 % of mass 95	43.9	
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	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	87.6	
175	5.0 - 9.0 % of mass 174	6.3	(7.2)1
176	95.0 - 101.0 % of mass 174	83.6	(95.5)1
177	5.0 - 9.0 % of mass 176	5.1	(6.1)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-50349/1	O3682.D	05/02/2011	10:37
	LCS 220-50349/2	O3683.D	05/02/2011	11:27
	MB 220-50349/3	O3686.D	05/02/2011	13:00
SB-UST-4,2'-3'	220-15334-1	O3697.D	05/02/2011	18:45
SB/MW-UST-5,3'-5'	220-15334-2	O3698.D	05/02/2011	19:10

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Sample No.: CCVIS 220-50397/1 Date Analyzed: 05/03/2011 22:36

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): L9405.D Heated Purge: (Y/N) N

Calibration ID: 10519

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1048227	4.22	743285	7.47	326117	9.53
UPPER LIMIT		2096454	4.72	1486570	7.97	652234	10.03
LOWER LIMIT		524114	3.72	371643	6.97	163059	9.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-50397/2		1073344	4.22	752769	7.47	329144	9.53
MB 220-50397/3		1001567	4.21	708359	7.46	305253	9.53
220-15334-3	Trip Blank	930999	4.22	634629	7.47	284197	9.54
220-15334-4	MW-X	935791	4.22	654986	7.47	281293	9.54

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Sample No.: CCVIS 220-50349/1 Date Analyzed: 05/02/2011 10:37

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): O3682.D Heated Purge: (Y/N) Y

Calibration ID: 10537

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		303647	3.78	307117	7.19	159758	9.29
UPPER LIMIT		607294	4.28	614234	7.69	319516	9.79
LOWER LIMIT		151824	3.28	153559	6.69	79879	8.79
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-50349/2		290794	3.78	289897	7.19	147270	9.29
MB 220-50349/3		265331	3.79	265845	7.20	117451	9.30
220-15334-1	SB-UST-4,2'-3'	251740	3.79	242764	7.20	99553	9.30
220-15334-2	SB/MW-UST-5,3'-5'	261724	3.79	256277	7.20	119167	9.30

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: SB-UST-4,2'-3' | Lab Sample ID: 220-15334-1

Matrix: Solid | Lab File ID: O3697.D

Analysis Method: 8260B | Date Collected: 04/27/2011 10:30

Sample wt/vol: 5(g) | Date Analyzed: 05/02/2011 18:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 9.8 | Level: (low/med) Low

Analysis Batch No.: 50349 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	5.5	U	5.5	0.23
71-43-2	Benzene	5.5	U	5.5	0.63
108-88-3	Toluene	0.29	J	5.5	0.082
100-41-4	Ethylbenzene	5.5	U	5.5	0.78
179601-23-1	m&p-Xylene	5.5	U	5.5	0.39
95-47-6	o-Xylene	5.5	U	5.5	0.21
98-82-8	Isopropylbenzene	5.5	U	5.5	0.21
103-65-1	N-Propylbenzene	5.5	U	5.5	0.68
108-67-8	1,3,5-Trimethylbenzene	5.5	U	5.5	0.55
98-06-6	tert-Butylbenzene	5.5	U	5.5	0.32
95-63-6	1,2,4-Trimethylbenzene	5.5	U	5.5	0.84
135-98-8	sec-Butylbenzene	5.5	U	5.5	0.59
99-87-6	4-Isopropyltoluene	5.5	U	5.5	0.59
104-51-8	n-Butylbenzene	5.5	U	5.5	1.3
91-20-3	Naphthalene	5.5	U	5.5	0.32
1330-20-7	Xylenes, Total	5.5	U	5.5	0.54

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	86		59-132
460-00-4	4-Bromofluorobenzene	79		34-124
1868-53-7	Dibromofluoromethane	86		59-123
2037-26-5	Toluene-d8 (Surr)	80		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113681.b\O3697.D
Lab Smp Id: 220-15334-A-1 Client Smp ID: SB-UST-4,2'-3'
Inj Date : 02-MAY-2011 18:45 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-15334-A-1
Misc Info : 220-15334-A-1
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O113681.b\O8260BNS.m
Meth Date : 02-May-2011 10:55 dave Quant Type: ISTD
Cal Date : 29-APR-2011 14:23 Cal File: O3673.D
Als bottle: 57
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

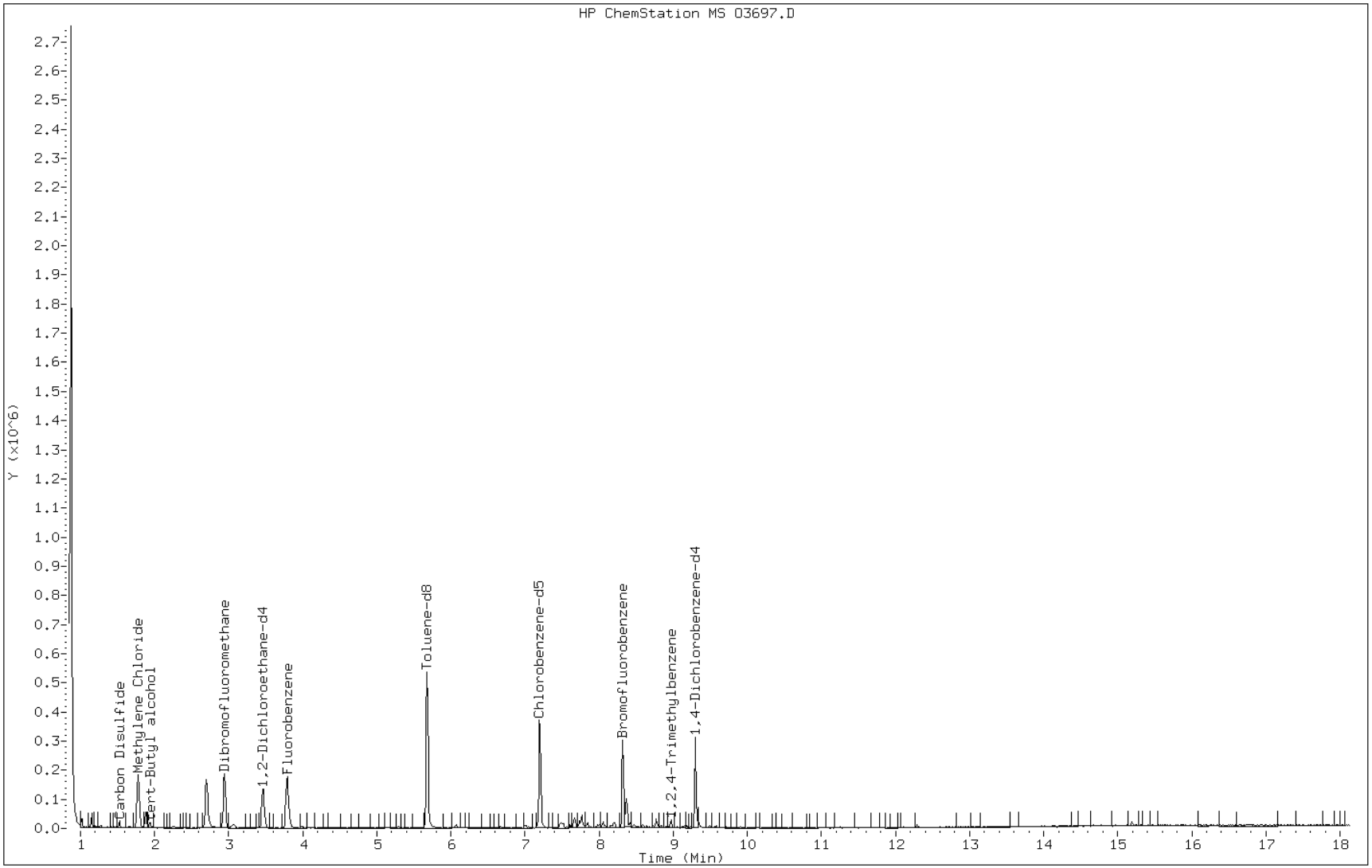
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	3.793	3.782	(1.000)	251740	25.0000	
	15 Carbon Disulfide	76	1.526	1.525	(0.402)	21317	1.13242	1
	20 Methylene Chloride	84	1.772	1.761	(0.467)	46157	6.94986	7
	21 Acetone	43	1.782	1.781	(0.470)	121799	38.3423	38
	25 tert-Butyl alcohol	59	1.940	1.929	(0.511)	22346	24.3623	24
$	41 Dibromofluoromethane	111	2.945	2.934	(0.777)	147127	21.5232	22
$	55 1,2-Dichloroethane-d4	65	3.468	3.457	(0.914)	125587	21.4973	21
*	75 Chlorobenzene-d5	117	7.204	7.193	(1.000)	242764	25.0000	
	76 Toluene	91	5.735	5.724	(0.796)	6313	0.26538	0.3
$	77 Toluene-d8	98	5.676	5.675	(0.788)	415566	20.0072	20
*	95 1,4-Dichlorobenzene-d4	152	9.304	9.293	(1.000)	99553	25.0000	
	107 1,2,4-Trimethylbenzene	105	8.969	8.968	(0.964)	10800	0.75262	0.8
$	125 Bromofluorobenzene	95	8.318	8.317	(0.894)	108834	19.8014	20

Data File: O3697.D

Date: 02-MAY-2011 18:45

Client ID: SB-UST-4,2'-3' Instrument: mso.i

Sample Info: 220-15334-A-1 Operator: D. HUMBERT



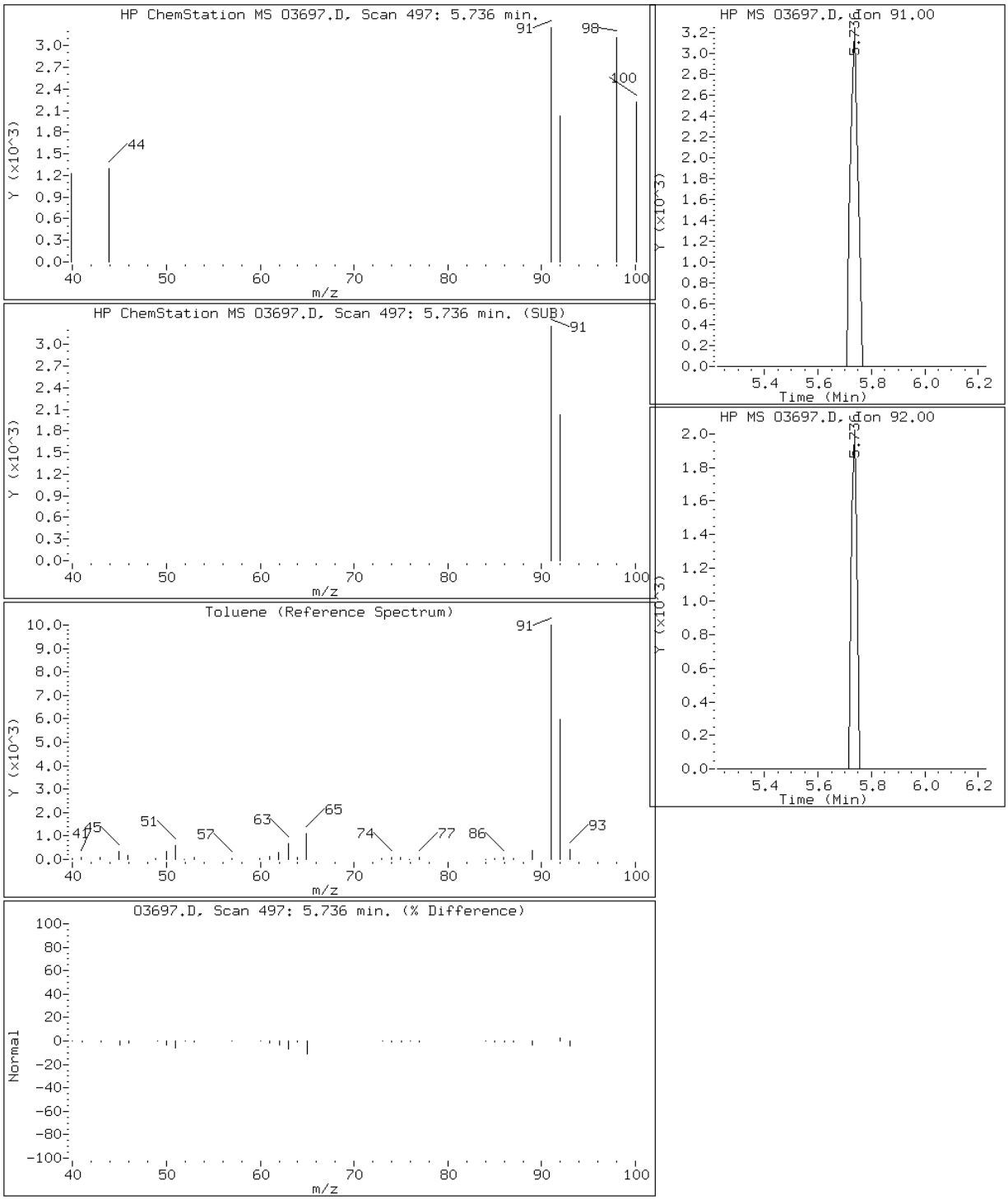
Data File: O3697.D

Date: 02-MAY-2011 18:45

Client ID: SB-UST-4,2'-3' Instrument: mso.i

Sample Info: 220-15334-A-1 Operator: D. HUMBERT

76 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: SB/MW-UST-5,3'-5' | Lab Sample ID: 220-15334-2

Matrix: Solid | Lab File ID: O3698.D

Analysis Method: 8260B | Date Collected: 04/27/2011 12:15

Sample wt/vol: 5(g) | Date Analyzed: 05/02/2011 19:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: 10.1 | Level: (low/med) Low

Analysis Batch No.: 50349 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	5.6	U	5.6	0.23
71-43-2	Benzene	5.6	U	5.6	0.63
108-88-3	Toluene	0.18	J	5.6	0.082
100-41-4	Ethylbenzene	5.6	U	5.6	0.78
179601-23-1	m&p-Xylene	5.6	U	5.6	0.39
95-47-6	o-Xylene	5.6	U	5.6	0.21
98-82-8	Isopropylbenzene	5.6	U	5.6	0.21
103-65-1	N-Propylbenzene	5.6	U	5.6	0.68
108-67-8	1,3,5-Trimethylbenzene	5.6	U	5.6	0.56
98-06-6	tert-Butylbenzene	5.6	U	5.6	0.32
95-63-6	1,2,4-Trimethylbenzene	5.6	U	5.6	0.85
135-98-8	sec-Butylbenzene	5.6	U	5.6	0.59
99-87-6	4-Isopropyltoluene	5.6	U	5.6	0.59
104-51-8	n-Butylbenzene	5.6	U	5.6	1.3
91-20-3	Naphthalene	5.6	U	5.6	0.32
1330-20-7	Xylenes, Total	5.6	U	5.6	0.54

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		59-132
460-00-4	4-Bromofluorobenzene	52		34-124
1868-53-7	Dibromofluoromethane	80		59-123
2037-26-5	Toluene-d8 (Surr)	74		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113681.b\O3698.D
Lab Smp Id: 220-15334-A-2 Client Smp ID: SB/MW-UST-5,3'-5'
Inj Date : 02-MAY-2011 19:10 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : 220-15334-A-2
Misc Info : 220-15334-A-2
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O113681.b\O8260BNS.m
Meth Date : 02-May-2011 10:55 dave Quant Type: ISTD
Cal Date : 29-APR-2011 14:23 Cal File: O3673.D
Als bottle: 58
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

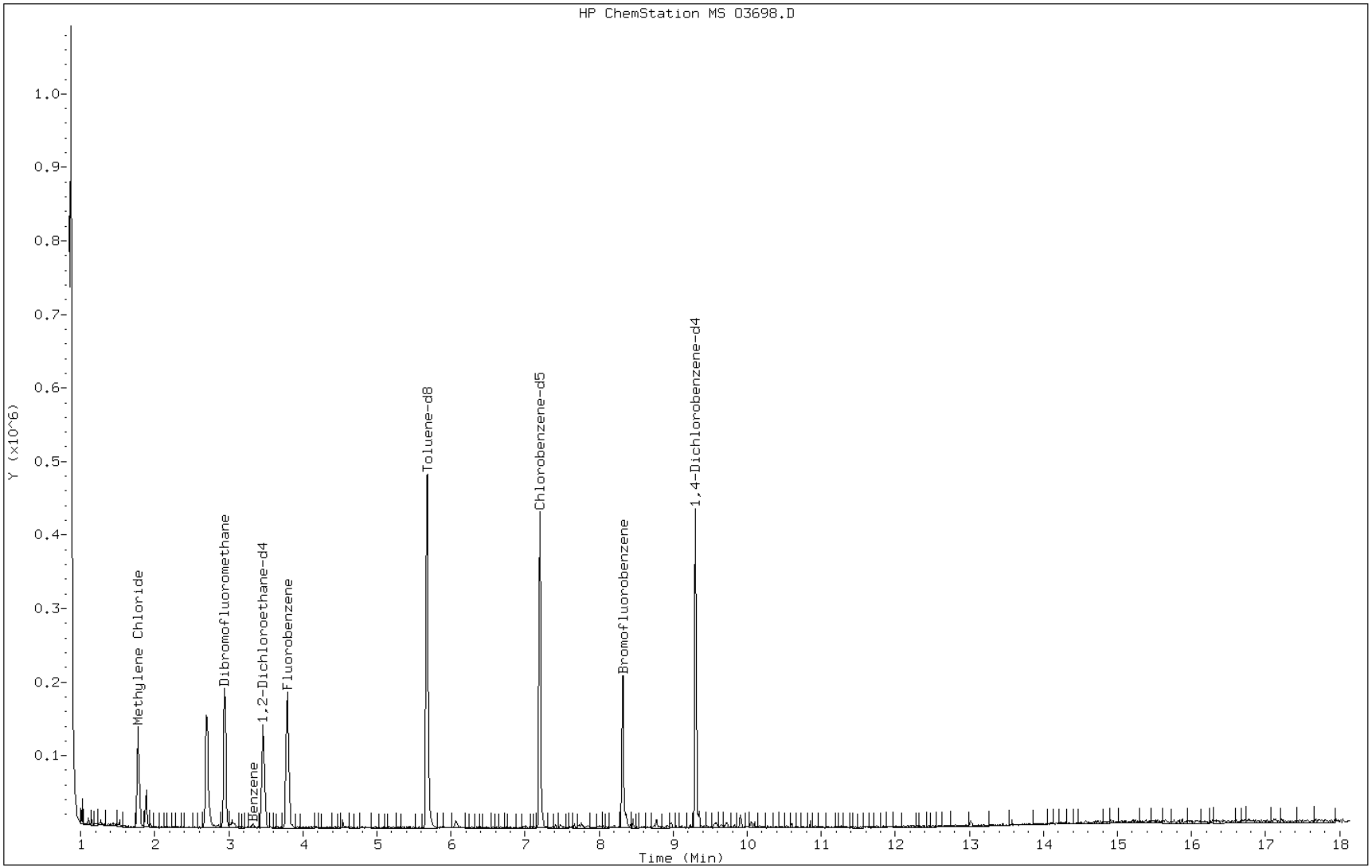
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
*	1 Fluorobenzene	96	3.789	3.782	(1.000)	261724	25.0000	
	20 Methylene Chloride	84	1.768	1.761	(0.467)	37279	5.39897	5
	21 Acetone	43	1.788	1.781	(0.472)	48631	14.7250	15
$	41 Dibromofluoromethane	111	2.941	2.934	(0.776)	142751	20.0864	20
	52 Benzene	78	3.316	3.309	(0.875)	8081	0.33766	0.3
$	55 1,2-Dichloroethane-d4	65	3.464	3.457	(0.914)	126698	20.8601	21
*	75 Chlorobenzene-d5	117	7.200	7.193	(1.000)	256277	25.0000	
	76 Toluene	91	5.731	5.724	(0.796)	4064	0.16183	0.2
$	77 Toluene-d8	98	5.672	5.675	(0.788)	405313	18.4847	18
*	95 1,4-Dichlorobenzene-d4	152	9.300	9.293	(1.000)	119167	25.0000	
$	125 Bromofluorobenzene	95	8.314	8.317	(0.894)	84715	12.8763	13

Data File: O3698.D

Date: 02-MAY-2011 19:10

Client ID: SB/MW-UST-5,3'-5' Instrument: mso.i

Sample Info: 220-15334-A-2 Operator: D. HUMBERT



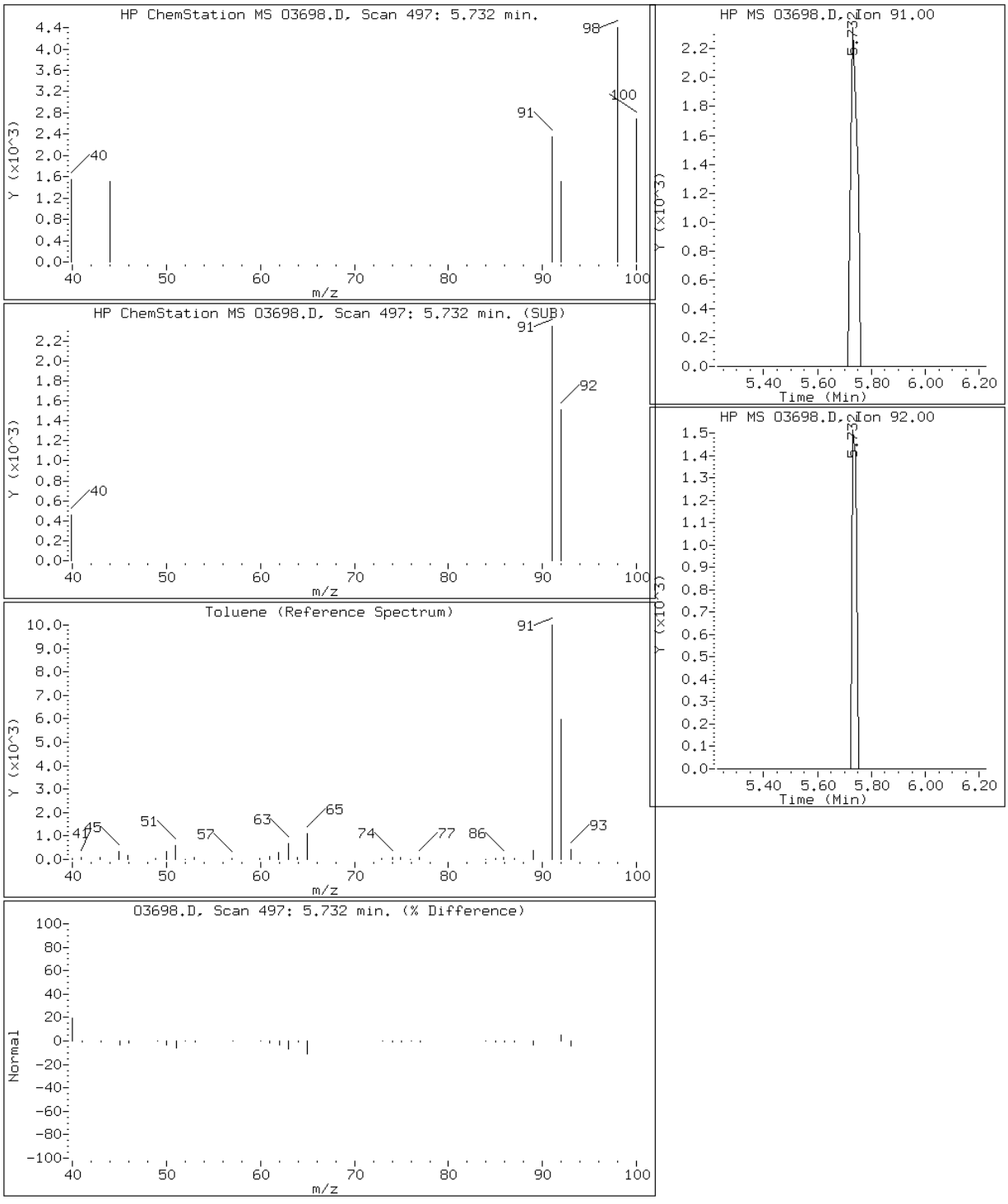
Data File: O3698.D

Date: 02-MAY-2011 19:10

Client ID: SB/MW-UST-5,3'-5' Instrument: mso.i

Sample Info: 220-15334-A-2 Operator: D. HUMBERT

76 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 220-15334-3

Matrix: Water | Lab File ID: L9429.D

Analysis Method: 8260B | Date Collected: 04/27/2011 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/04/2011 08:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 50397 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.17
71-43-2	Benzene	5.0	U	5.0	0.74
108-88-3	Toluene	5.0	U	5.0	0.72
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
179601-23-1	m&p-Xylene	5.0	U	5.0	1.7
95-47-6	o-Xylene	5.0	U	5.0	0.66
98-82-8	Isopropylbenzene	5.0	U	5.0	0.85
103-65-1	N-Propylbenzene	5.0	U	5.0	0.62
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	0.53
98-06-6	tert-Butylbenzene	5.0	U	5.0	0.75
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.64
135-98-8	sec-Butylbenzene	5.0	U	5.0	0.79
99-87-6	4-Isopropyltoluene	5.0	U	5.0	0.81
104-51-8	n-Butylbenzene	5.0	U	5.0	0.67
91-20-3	Naphthalene	5.0	U	5.0	0.34
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		65-136
460-00-4	4-Bromofluorobenzene	96		51-142
1868-53-7	Dibromofluoromethane	100		68-132
2037-26-5	Toluene-d8 (Surr)	110		63-127

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119405.b\L9429.D
Lab Smp Id: 220-15334-A-3 Client Smp ID: Trip Blank
Inj Date : 04-MAY-2011 08:44 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : 220-15334-a-3
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119405.b\L8260BNW.m
Meth Date : 03-May-2011 22:53 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 20:37 Cal File: L9397.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.222	4.217	(1.000)	930999	25.0000	
20 Methylene Chloride	84	1.939	1.934	(0.459)	20225	2.39745	2
$ 41 Dibromofluoromethane	111	3.267	3.263	(0.774)	149049	25.0066	25
$ 55 1,2-Dichloroethane-d4	65	3.858	3.853	(0.914)	131914	23.9163	24
* 75 Chlorobenzene-d5	117	7.470	7.465	(1.000)	634629	25.0000	
$ 77 Toluene-d8	98	5.994	5.989	(0.802)	514307	27.3949	27
* 95 1,4-Dichlorobenzene-d4	152	9.537	9.532	(1.000)	284197	25.0000	
$ 125 Bromofluorobenzene	95	8.563	8.558	(0.898)	203031	23.9238	24

Data File: L9429.D

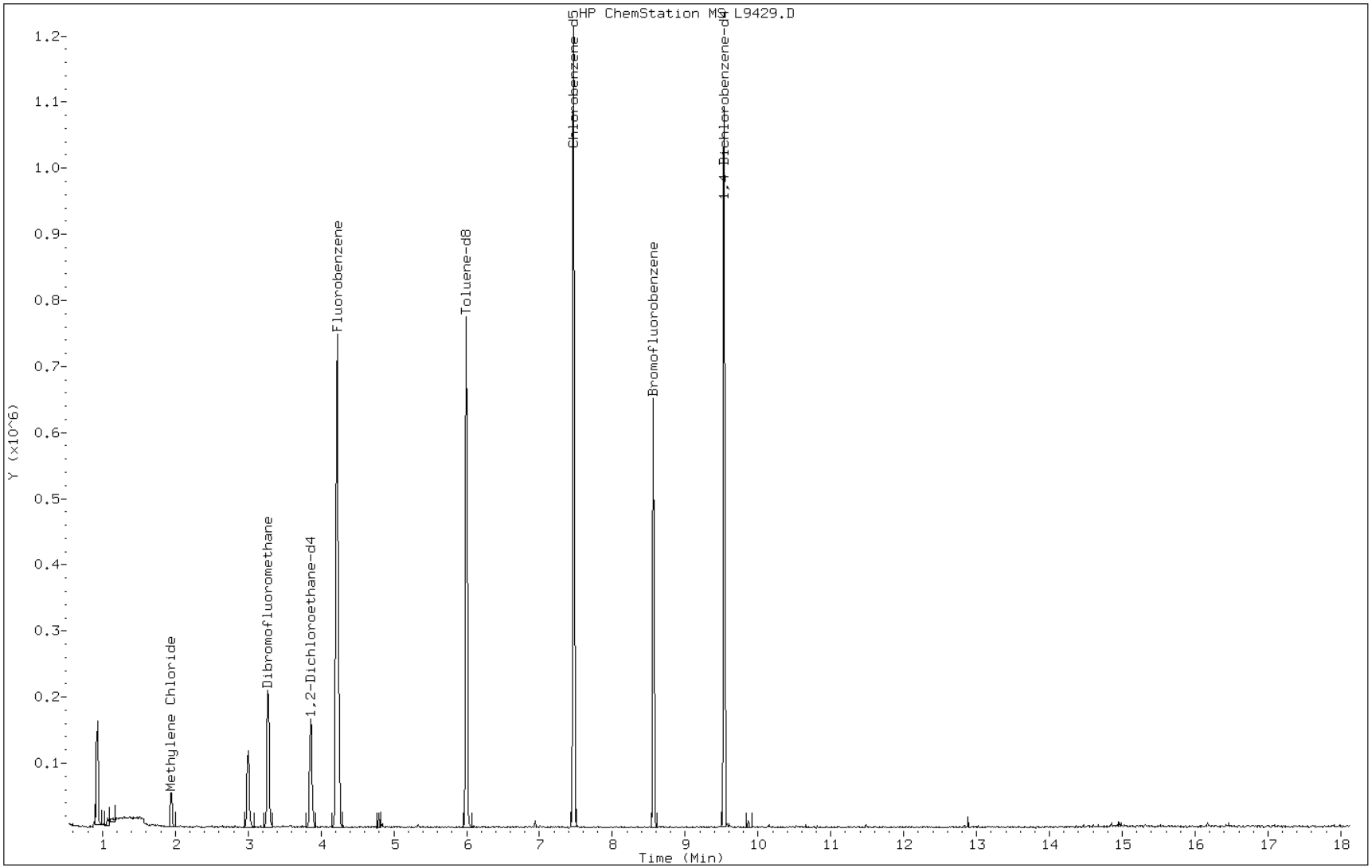
Date: 04-MAY-2011 08:44

Client ID: Trip Blank

Instrument: msl.i

Sample Info: 220-15334-a-3

Operator: E. LYNCH



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: MW-X | Lab Sample ID: 220-15334-4

Matrix: Water | Lab File ID: L9430.D

Analysis Method: 8260B | Date Collected: 04/27/2011 13:10

Sample wt/vol: 5(mL) | Date Analyzed: 05/04/2011 09:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 50397 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.17
71-43-2	Benzene	5.0	U	5.0	0.74
108-88-3	Toluene	5.0	U	5.0	0.72
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
179601-23-1	m&p-Xylene	5.0	U	5.0	1.7
95-47-6	o-Xylene	5.0	U	5.0	0.66
98-82-8	Isopropylbenzene	5.0	U	5.0	0.85
103-65-1	N-Propylbenzene	5.0	U	5.0	0.62
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	0.53
98-06-6	tert-Butylbenzene	5.0	U	5.0	0.75
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.64
135-98-8	sec-Butylbenzene	5.0	U	5.0	0.79
99-87-6	4-Isopropyltoluene	5.0	U	5.0	0.81
104-51-8	n-Butylbenzene	5.0	U	5.0	0.67
91-20-3	Naphthalene	5.0	U	5.0	0.34
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		65-136
460-00-4	4-Bromofluorobenzene	94		51-142
1868-53-7	Dibromofluoromethane	98		68-132
2037-26-5	Toluene-d8 (Surr)	106		63-127

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119405.b\L9430.D
Lab Smp Id: 220-15334-A-4 Client Smp ID: MW-X
Inj Date : 04-MAY-2011 09:08 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : 220-15334-a-4
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119405.b\L8260BNW.m
Meth Date : 03-May-2011 22:53 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 20:37 Cal File: L9397.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.223	4.217	(1.000)	935791	25.0000	
	20 Methylene Chloride	84	1.939	1.934	(0.459)	4333	0.51100	0.5
	21 Acetone	43	1.969	1.963	(0.466)	5910	1.85561	2
$	41 Dibromofluoromethane	111	3.268	3.263	(0.774)	146292	24.5598	24
	45 2-Butanone	43	3.396	3.391	(0.804)	35088	7.02486	7
$	55 1,2-Dichloroethane-d4	65	3.859	3.853	(0.914)	122971	22.5304	22
*	75 Chlorobenzene-d5	117	7.471	7.465	(1.000)	654986	25.0000	
$	77 Toluene-d8	98	5.994	5.989	(0.802)	508027	26.4964	26
*	95 1,4-Dichlorobenzene-d4	152	9.538	9.532	(1.000)	281293	25.0000	
$	125 Bromofluorobenzene	95	8.563	8.558	(0.898)	197441	23.5912	24

Data File: L9430.D

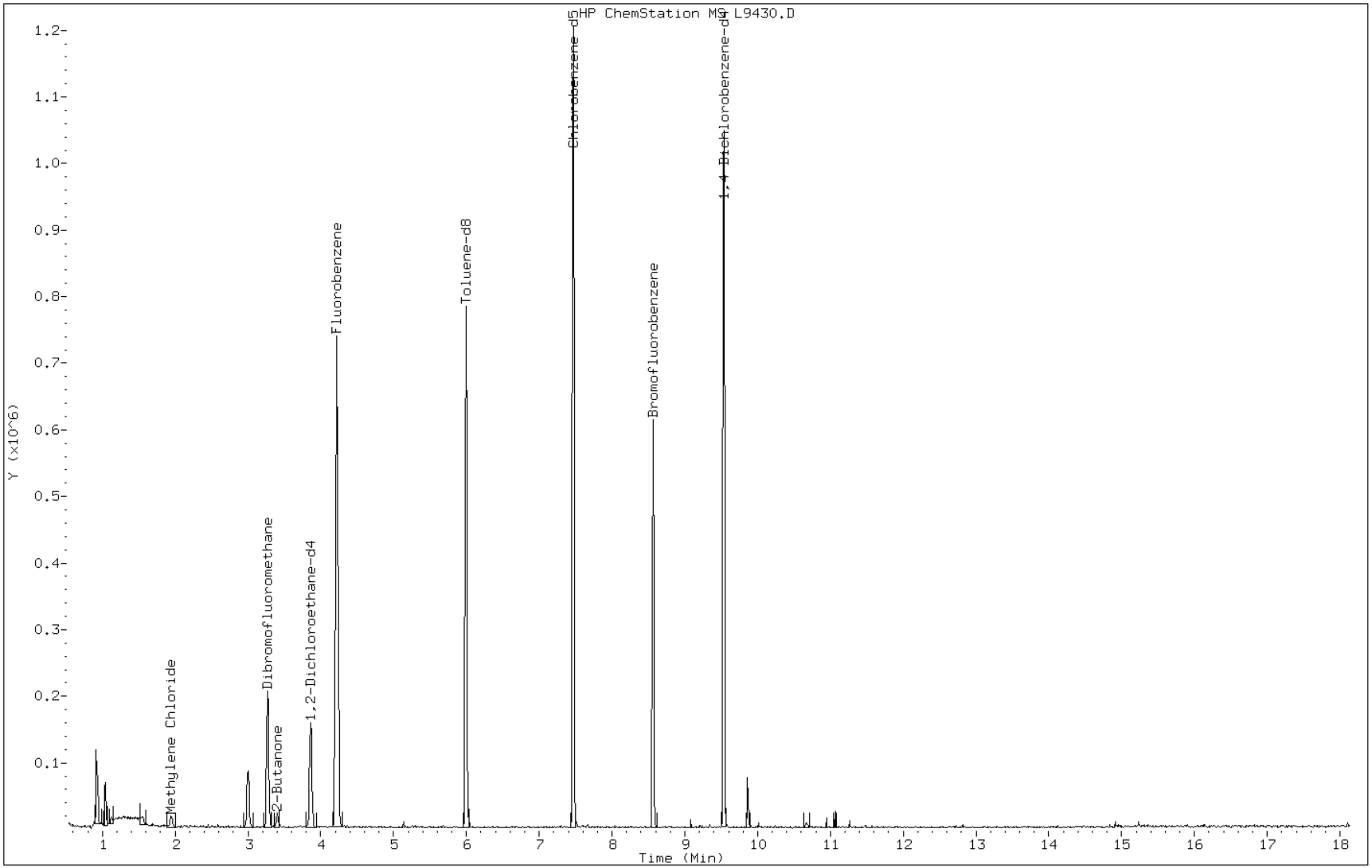
Date: 04-MAY-2011 09:08

Client ID: MW-X

Instrument: msl.i

Sample Info: 220-15334-a-4

Operator: E. LYNCH



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50337/6	L9397.D
Level 2	IC 220-50337/5	L9396.D
Level 3	IC 220-50337/4	L9395.D
Level 4	IC 220-50337/3	L9394.D
Level 5	IC 220-50337/2	L9393.D
Level 6	IC 220-50337/1	L9392.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Heptane	0 0	0	0	0	0	Ave								15.0			
Isopropyl alcohol	0 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.0507 0.1167	0.0764	0.0977	0.1086	0.1257	Lin	0.2863	0.1239							0.9944		
Chloromethane	0.1389 0.1862	0.1531	0.1718	0.1856	0.2107	Ave		0.1744			0.1000	14.7		15.0			
Vinyl chloride	0.1028 0.1680	0.1243	0.1463	0.1621	0.1830	Ave		0.1477				20.1		30.0			
Bromomethane	0.0981 0.0651	0.0968	0.0844	0.0752	0.0685	Lin	-0.410	0.0639							0.9936		
Chloroethane	0.0622 0.0536	0.0760	0.0762	0.0667	0.0618	Ave		0.0661				13.4		15.0			
Trichlorofluoromethane	0.1247 0.2015	0.1683	0.2014	0.2054	0.2291	Lin	0.1108	0.2149							0.9912		
Dichlorofluoromethane	0.1836 0.2153	0.2273	0.2108	0.2276	0.2507	Ave		0.2192				10.2		15.0			
Ethyl ether	0.1017 0.0935	0.1016	0.1028	0.0985	0.1053	Ave		0.1006				4.1		15.0			
Ethanol	0.0078 0.0086	0.0090	0.0091	0.0089	0.0101	Ave		0.0086				10.5		15.0			
1,1-Dichloroethene	0.0969 0.1431	0.1310	0.1162	0.1474	0.1612	Ave		0.1326				17.5		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0978 0.1621	0.1303	0.1146	0.1597	0.1806	Ave		0.1408				22.5	*	15.0			
Carbon disulfide	0.3950 0.5469	0.4853	0.4567	0.5505	0.6111	Lin	0.1775	0.5831							0.9915		
Iodomethane	0.1228 0.2365	0.1772	0.2055	0.2314	0.2644	Lin	0.2251	0.2535							0.9919		

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	0.1075 0.0958	0.1007	0.1083	0.1071	0.1122	Ave		0.1053				5.6		15.0			
3-Chloro-1-propene	0.2287 0.2943	0.2838	0.2632	0.2990	0.3230	Ave		0.2820				11.6		15.0			
Methylene Chloride	0.2666 0.2123	0.2218	0.2117	0.2095	0.2374	Ave		0.2265				9.8		15.0			
Acetone	0.1038 0.0848	0.0773	0.0774	0.0779	0.0893	Ave		0.0851				12.2		15.0			
Methyl acetate	1.2312 0.9841	1.1593	1.1745	1.1416	1.2145	Ave		1.1509				7.7		15.0			
trans-1,2-Dichloroethene	0.1398 0.1895	0.1740	0.1727	0.1933	0.2156	Ave		0.1808				14.1		15.0			
Methyl tert-butyl ether	0.5502 0.5455	0.5626	0.5725	0.5710	0.6058	Ave		0.5679				3.8		15.0			
tert-Butyl alcohol	0.0315 0.0248	0.0301	0.0300	0.0296	0.0308	Ave		0.0295				8.1		15.0			
Acetonitrile	0.0795 0.0648	0.0711	0.0772	0.0733	0.0748	Ave		0.0734				7.0		15.0			
Isopropyl ether	0.6897 0.7251	0.7111	0.6971	0.7314	0.7846	Ave		0.7231				4.7		15.0			
2-Chloro-1,3-butadiene	0.1108 0.1747	0.1479	0.1403	0.1706	0.1953	Lin	0.2290	0.1872							0.9905		
1,1-Dichloroethane	0.2622 0.3246	0.3060	0.2992	0.3222	0.3651	Ave		0.3132			0.1000	10.8		15.0			
Acrylonitrile	0.0987 0.0956	0.1046	0.1026	0.1017	0.1089	Ave		0.1020				4.5		15.0			
Tert-butyl ethyl ether	0.5805 0.6137	0.6047	0.6201	0.6227	0.6663	Ave		0.6180				4.6		15.0			
Vinyl acetate	1.1441 1.1154	1.1434	1.2182	1.1869	1.2535	Ave		1.1769				4.4		15.0			
cis-1,2-Dichloroethene	0.1916 0.2324	0.2174	0.2132	0.2328	0.2555	Ave		0.2238				9.7		15.0			
2,2-Dichloropropane	0.2006 0.2492	0.2151	0.2035	0.2379	0.2718	Ave		0.2297				12.3		15.0			
Bromochloromethane	0.1041 0.1117	0.1139	0.1155	0.1131	0.1231	Ave		0.1136				5.4		15.0			
Cyclohexane	0.1063 0.1888	0.1485	0.1383	0.1767	0.2026	Lin	0.2976	0.2003							0.9927		
Chloroform	0.2759 0.3478	0.3297	0.3234	0.3453	0.3819	Ave		0.3340				10.5		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0223 0.0160	0.0172	0.0171	0.0185	0.0178	Ave		0.0181				12.1		15.0			
Methyl acrylate	0.2125 0.2124	0.2228	0.2345	0.2280	0.2586	Ave		0.2281				7.6		15.0			
Carbon tetrachloride	0.1169 0.1970	0.1617	0.1513	0.1889	0.2227	Ave		0.1733				21.8	*	15.0			
Tetrahydrofuran	0.0840 0.0806	0.0872	0.0904	0.0891	0.0963	Ave		0.0880				6.2		15.0			
1,1,1-Trichloroethane	0.1762 0.2695	0.2287	0.2177	0.2626	0.2979	Lin	0.2208	0.2870							0.9920		
Methyl Ethyl Ketone	0.1259 0.1305	0.1228	0.1377	0.1352	0.1486	Ave		0.1334				6.9		15.0			
1,1-Dichloropropene	0.1489 0.2411	0.1997	0.1876	0.2364	0.2674	Lin	0.2438	0.2581							0.9910		
1-Chlorobutane	0.2071 0.3241	0.2895	0.2673	0.3279	0.3668	Ave		0.2971				18.8	*	15.0			
Benzene	0.6038 0.7254	0.6846	0.6728	0.7452	0.8171	Ave		0.7081				10.2		15.0			
Propionitrile	0.0373 0.0339	0.0376	0.0396	0.0379	0.0405	Ave		0.0378				6.1		15.0			
Methacrylonitrile	0.1721 0.1615	0.1689	0.1774	0.1744	0.1854	Ave		0.1733				4.6		15.0			
Tert-amyl methyl ether	0.5602 0.5718	0.5829	0.5962	0.5962	0.6524	Ave		0.5933				5.4		15.0			
1,2-Dichloroethane	0.2068 0.2321	0.2279	0.2339	0.2364	0.2559	Ave		0.2321				6.8		15.0			
Isobutyl alcohol	0.0202 0.0158	0.0188	0.0195	0.0188	0.0196	Ave		0.0188				8.4		15.0			
Methylcyclohexane	0.1196 0.1676	0.1348	0.1390	0.1675	0.1918	Ave		0.1534				17.4	*	15.0			
Trichloroethene	0.1288 0.1869	0.1661	0.1632	0.1874	0.2117	Lin	0.1668	0.2000							0.9904		
Dibromomethane	0.1531 0.1641	0.1642	0.1681	0.1687	0.1856	Ave		0.1673				6.3		15.0			
1,2-Dichloropropane	0.1659 0.2053	0.1877	0.1948	0.2077	0.2242	Ave		0.1976				10.1		30.0			
Bromodichloromethane	0.2224 0.2725	0.2509	0.2602	0.2741	0.2927	Ave		0.2621				9.2		15.0			
Methyl methacrylate	0.1598 0.1628	0.1583	0.1755	0.1737	0.1855	Ave		0.1693				6.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.0047 0.0034	0.0045	0.0048	0.0048	0.0047	Ave		0.0045				12.3		15.0			
2-Chloroethyl vinyl ether	0.3496 0.3506	0.3488	0.3699	0.3609	0.3840	Ave		0.3606				3.9		15.0			
cis-1,3-Dichloropropene	0.2802 0.3415	0.3199	0.3279	0.3363	0.3652	Ave		0.3285				8.6		15.0			
Toluene	0.8604 1.0972	1.0012	0.9810	1.0733	1.2054	Ave		1.0364				11.3		30.0			
Chloroacetonitrile	0.0106 0.0100	0.0106	0.0112	0.0108	0.0119	Ave		0.0108				5.9		15.0			
2-Nitropropane	0.0575 0.0613	0.0635	0.0646	0.0660	0.0703	Ave		0.0639				6.8		15.0			
1,1-Dichloro-2-propanone	0.2127 0.1912	0.2036	0.2172	0.2089	0.2277	Ave		0.2102				5.9		15.0			
Tetrachloroethene	0.1272 0.1859	0.1503	0.1504	0.1787	0.2076	Lin	0.2409	0.1992							0.9904		
methyl isobutyl ketone	0.3908 0.3509	0.3770	0.4003	0.3871	0.4269	Ave		0.3888				6.5		15.0			
trans-1,3-Dichloropropene	0.2592 0.3091	0.2969	0.3010	0.3063	0.3374	Ave		0.3016				8.4		15.0			
1,1,2-Trichloroethane	0.1858 0.1979	0.2020	0.2027	0.2051	0.2198	Ave		0.2022				5.4		15.0			
Ethyl methacrylate	0.3814 0.3992	0.4111	0.4375	0.4318	0.4641	Ave		0.4209				7.0		15.0			
Dibromochloromethane	0.2707 0.3229	0.2940	0.3169	0.3181	0.3604	Ave		0.3138				9.6		15.0			
1,3-Dichloropropane	0.4485 0.4654	0.4762	0.4797	0.4630	0.5374	Ave		0.4784				6.5		15.0			
1,2-Dibromoethane	0.3195 0.3294	0.3279	0.3402	0.3395	0.3676	Ave		0.3373				5.0		15.0			
2-Hexanone	0.2781 0.2581	0.2743	0.2874	0.2731	0.3112	Ave		0.2804				6.4		15.0			
Chlorobenzene	0.6073 0.6911	0.6485	0.6539	0.6931	0.7614	Ave		0.6759			0.3000	7.8		15.0			
1-Chlorohexane	0.2612 0.3054	0.3138	0.2420	0.3506	0.3071	Ave		0.2967				13.2		15.0			
Ethylbenzene	0.2342 0.3183	0.2861	0.2826	0.3254	0.3514	Ave		0.2997				13.7		30.0			
1,1,1,2-Tetrachloroethane	0.1951 0.2579	0.2374	0.2453	0.2540	0.2834	Ave		0.2455				11.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m&p-Xylene	0.3098 0.3830	0.3604	0.3516	0.3963	0.4290	Ave		0.3717				11.0		15.0			
o-Xylene	0.3272 0.3873	0.3623	0.3703	0.3940	0.4327	Ave		0.3789				9.3		15.0			
Styrene	0.6016 0.6994	0.6852	0.7175	0.7116	0.7876	Ave		0.7005				8.6		15.0			
Bromoform	0.2048 0.2428	0.2241	0.2456	0.2490	0.2767	Ave		0.2405			0.1000	10.1		15.0			
Isopropylbenzene	1.4068 1.7060	1.5943	1.6211	1.7477	1.9353	Ave		1.6685				10.6		15.0			
Bromobenzene	0.6107 0.6781	0.6528	0.6971	0.6826	0.7570	Ave		0.6797				7.1		15.0			
N-Propylbenzene	1.8678 2.2472	1.9769	2.0505	2.2069	2.4725	Ave		2.1370				10.1		15.0			
1,1,2,2-Tetrachloroethane	1.0760 0.9372	1.0188	1.0630	0.9961	1.0717	Ave		1.0271			0.3000	5.3		15.0			
4-Ethyltoluene	1.5692 1.8192	1.6505	1.6813	1.7964	1.9690	Ave		1.7476				8.2		15.0			
2-Chlorotoluene	1.4685 1.6884	1.5799	1.6221	1.7072	1.8728	Ave		1.6565				8.2		15.0			
1,2,3-Trichloropropane	0.2643 0.2485	0.2656	0.2758	0.2570	0.2879	Ave		0.2665				5.2		15.0			
1,3,5-Trimethylbenzene	1.2042 1.4216	1.3912	1.3961	1.4422	1.6013	Ave		1.4094				9.0		15.0			
trans-1,4-Dichloro-2-butene	0.2095 0.2152	0.2328	0.2430	0.2399	0.2598	Ave		0.2333				8.0		15.0			
4-Chlorotoluene	1.4314 1.6209	1.5429	1.5893	1.6408	1.8112	Ave		1.6061				7.8		15.0			
tert-Butylbenzene	0.9249 1.0598	0.9931	1.0193	1.0571	1.1954	Ave		1.0416				8.7		15.0			
1,2,4-Trimethylbenzene	1.3742 1.5283	1.4266	1.4981	1.5016	1.6653	Ave		1.4990				6.6		15.0			
sec-Butylbenzene	1.6757 1.5718	1.6102	1.6527	1.6984	1.8134	Ave		1.6704				5.0		15.0			
4-Isopropyltoluene	1.2156 1.2676	1.2810	1.3031	1.3035	1.4335	Ave		1.3007				5.6		15.0			
1,3-Dichlorobenzene	0.8154 0.9412	0.9084	0.9404	0.9567	1.0544	Ave		0.9361				8.2		15.0			
1,4-Dichlorobenzene	0.8897 1.0058	0.9783	0.9892	0.9954	1.1136	Ave		0.9953				7.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
p-Diethylbenzene	0.1852 0.1899	0.1913	0.1905	0.2055	0.2149	Ave		0.1962				5.8		15.0			
Benzyl chloride	0.2722 0.3195	0.3112	0.3198	0.3309	0.3629	Ave		0.3194				9.2		15.0			
n-Butylbenzene	1.9810 1.7453	1.6705	1.2263	1.6939	1.5695	Ave		3.0860				5.0		15.0			
1,2-Dichlorobenzene	0.9273 0.9647	0.9499	0.9583	0.9580	1.0658	Ave		0.9707				5.0		15.0			
1,2,4,5-Tetramethylbenzene	0.4094 0.3415	0.3992	0.3828	0.3717	0.4085	Ave		0.3855				6.8		15.0			
1,2-Dibromo-3-Chloropropane	0.1418 0.1334	0.1415	0.1522	0.1421	0.1630	Ave		0.1456				7.1		15.0			
Nitrobenzene	0.0805 0.0689	0.0734	0.0896	0.0837	0.0952	Ave		0.0819				12.0		15.0			
Hexachlorobutadiene	0.5536 0.1584	0.2899	0.2362	0.1956	0.2038	Ave		0.2729				52.9	*	15.0			
1,2,4-Trichlorobenzene	0.7051 0.5072	0.6159	0.6141	0.5717	0.6360	Ave		0.6083				10.9		15.0			
Naphthalene	2.4030 1.6575	1.9751	1.9658	1.8636	2.0222	Ave		1.9812				12.3		15.0			
1,2,3-Trichlorobenzene	0.7131 0.4931	0.6013	0.5973	0.5594	0.6018	Ave		0.5943				12.1		15.0			
Dibromofluoromethane	0.1442 0.1981	0.0890	0.1841	0.1965	0.2138	Lin	0.2406	0.2108							0.9948		
1,2-Dichloroethane-d4 (Surr)	0.1539 0.1733	0.0828	0.1695	0.1765	0.1920	Lin	0.1927	0.1855							0.9923		
Toluene-d8 (Surr)	0.5653 0.8974	0.4014	0.8235	0.8989	0.9942	Lin	0.2583	0.9677							0.9924		
4-Bromofluorobenzene	0.7044 0.8867	0.4296	0.8756	0.8813	0.9608	Lin	0.1964	0.9393							0.9945		

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50337/6	L9397.D
Level 2	IC 220-50337/5	L9396.D
Level 3	IC 220-50337/4	L9395.D
Level 4	IC 220-50337/3	L9394.D
Level 5	IC 220-50337/2	L9393.D
Level 6	IC 220-50337/1	L9392.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Heptane	FB	Ave	0 0	0	0	0	0	5.00 200	20.0	50.0	100	150
Isopropyl alcohol	FB	Ave	0 0	0	0	0	0	5.00 200	20.0	50.0	100	150
Dichlorodifluoromethane	FB	Lin	10103 1002248	62824	204624	457979	739763	5.00 200	20.0	50.0	100	150
Chloromethane	FB	Ave	27694 1598872	125904	359732	782543	1239641	5.00 200	20.0	50.0	100	150
Vinyl chloride	FB	Ave	20500 1442675	102255	306325	683266	1076604	5.00 200	20.0	50.0	100	150
Bromomethane	FB	Lin	19563 559059	79603	176798	317112	403148	5.00 200	20.0	50.0	100	150
Chloroethane	FB	Ave	12394 460480	62488	159574	281031	363459	5.00 200	20.0	50.0	100	150
Trichlorofluoromethane	FB	Lin	24866 1729888	138447	421709	866083	1347737	5.00 200	20.0	50.0	100	150
Dichlorofluoromethane	FB	Ave	36611 1848224	186952	441537	959409	1475116	5.00 200	20.0	50.0	100	150
Ethyl ether	FB	Ave	20267 802612	83601	215320	415259	619378	5.00 200	20.0	50.0	100	150
Ethanol	FB	Ave	15519 736284	73901	190726	375832	593692	50.0 2000	200	500	1000	1500
1,1-Dichloroethene	FB	Ave	19326 1228808	107750	243329	621247	948596	5.00 200	20.0	50.0	100	150
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	19500 1392097	107169	240103	673081	1062273	5.00 200	20.0	50.0	100	150
Carbon disulfide	FB	Lin	78744 4696165	399153	956495	2320605	3595257	5.00 200	20.0	50.0	100	150
Iodomethane	FB	Lin	24476 2030788	145756	430354	975340	1555506	5.00 200	20.0	50.0	100	150
Acrolein	FB	Ave	107205 4112103	414093	1133931	2257072	3300430	25.0 1000	100	250	500	750

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	45590 2526617	233453	551231	1260408	1900180	5.00 200	20.0	50.0	100	150
Methylene Chloride	FB	Ave	53152 1822598	182413	443314	883107	1396682	5.00 200	20.0	50.0	100	150
Acetone	FB	Ave	20687 727980	63605	162083	328541	525508	5.00 200	20.0	50.0	100	150
Methyl acetate	FB	Ave	245477 8449395	953565	2459774	4812576	7145193	5.00 200	20.0	50.0	100	150
trans-1,2-Dichloroethene	FB	Ave	27873 1626993	143137	361726	814769	1268695	5.00 200	20.0	50.0	100	150
Methyl tert-butyl ether	FB	Ave	109690 4683486	462768	1198960	2407268	3564251	5.00 200	20.0	50.0	100	150
tert-Butyl alcohol	FB	Ave	31379 1064173	123839	314147	623370	905808	25.0 1000	100	250	500	750
Acetonitrile	FB	Ave	158478 5566517	584467	1617554	3088154	4400050	50.0 2000	200	500	1000	1500
Isopropyl ether	FB	Ave	137509 6225593	584843	1459847	3083510	4615998	5.00 200	20.0	50.0	100	150
2-Chloro-1,3-butadiene	FB	Lin	22099 1499779	121663	293901	719285	1149253	5.00 200	20.0	50.0	100	150
1,1-Dichloroethane	FB	Ave	52272 2786942	251692	626502	1358502	2148285	5.00 200	20.0	50.0	100	150
Acrylonitrile	FB	Ave	39354 1642229	172092	429562	857434	1281868	10.0 400	40.0	100	200	300
Tert-butyl ethyl ether	FB	Ave	115730 5269764	497393	1298716	2625309	3920222	5.00 200	20.0	50.0	100	150
Vinyl acetate	FB	Ave	228095 9577254	940416	2551232	5003674	7374879	5.00 200	20.0	50.0	100	150
cis-1,2-Dichloroethene	FB	Ave	38192 1995035	178814	446395	981242	1503348	5.00 200	20.0	50.0	100	150
2,2-Dichloropropane	FB	Ave	39990 2140072	176885	426236	1003013	1599210	5.00 200	20.0	50.0	100	150
Bromochloromethane	FB	Ave	20750 959290	93719	241846	476701	724317	5.00 200	20.0	50.0	100	150
Cyclohexane	FB	Lin	21203 1621021	122142	289545	744976	1191774	5.00 200	20.0	50.0	100	150
Chloroform	FB	Ave	54999 2986676	271211	677196	1455577	2247114	5.00 200	20.0	50.0	100	150
Ethyl acetate	FB	Ave	8889 275329	28214	71672	155581	209521	10.0 400	40.0	100	200	300
Methyl acrylate	FB	Ave	42368 1823632	183230	491151	961060	1521446	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	Ave	23302 1691271	132977	316928	796285	1310399	5.00 200	20.0	50.0	100	150
Tetrahydrofuran	FB	Ave	33503 1384249	143462	378586	751575	1133649	10.0 400	40.0	100	200	300
1,1,1-Trichloroethane	FB	Lin	35136 2314204	188068	455846	1107126	1752795	5.00 200	20.0	50.0	100	150
Methyl Ethyl Ketone	FB	Ave	25095 1120318	101020	288313	570098	874080	5.00 200	20.0	50.0	100	150
1,1-Dichloropropene	FB	Lin	29694 2069750	164250	392943	996440	1573489	5.00 200	20.0	50.0	100	150
1-Chlorobutane	FB	Ave	41299 2782940	238152	559758	1382150	2158307	5.00 200	20.0	50.0	100	150
Benzene	FB	Ave	120375 6228771	563103	1408982	3141539	4807274	5.00 200	20.0	50.0	100	150
Propionitrile	FB	Ave	74427 2909401	309106	829532	1599691	2383420	50.0 2000	200	500	1000	1500
Methacrylonitrile	FB	Ave	34312 1386956	138911	371455	735177	1090622	5.00 200	20.0	50.0	100	150
Tert-amyl methyl ether	FB	Ave	111684 4909817	479412	1248660	2513401	3838381	5.00 200	20.0	50.0	100	150
1,2-Dichloroethane	FB	Ave	41234 1993151	187413	489760	996506	1505304	5.00 200	20.0	50.0	100	150
Isobutyl alcohol	FB	Ave	40325 1352936	154653	408338	793450	1153493	50.0 2000	200	500	1000	1500
Methylcyclohexane	FB	Ave	23843 1439379	110833	291196	705959	1128301	5.00 200	20.0	50.0	100	150
Trichloroethene	FB	Lin	25670 1604927	136577	341807	790137	1245658	5.00 200	20.0	50.0	100	150
Dibromomethane	FB	Ave	30516 1409360	135085	352123	711089	1092219	5.00 200	20.0	50.0	100	150
1,2-Dichloropropane	FB	Ave	33071 1762551	154343	407925	875432	1318998	5.00 200	20.0	50.0	100	150
Bromodichloromethane	FB	Ave	44337 2340153	206352	544956	1155388	1721879	5.00 200	20.0	50.0	100	150
Methyl methacrylate	FB	Ave	31856 1397989	130217	367547	732102	1091464	5.00 200	20.0	50.0	100	150
1,4-Dioxane	FB	Ave	9348 290389	37233	101443	201095	276200	50.0 2000	200	500	1000	1500
2-Chloroethyl vinyl ether	FB	Ave	69696 3010057	286883	774568	1521470	2259223	5.00 200	20.0	50.0	100	150
cis-1,3-Dichloropropene	FB	Ave	55863 2932529	263130	686792	1417578	2148486	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene	CBZ	Ave	120432 6540273	588995	1433243	3196442	4888821	5.00 200	20.0	50.0	100	150
Chloroacetonitrile	FB	Ave	21215 854576	87257	234054	455258	698613	50.0 2000	200	500	1000	1500
2-Nitropropane	FB	Ave	22909 1052969	104405	270710	556548	827016	10.0 400	40.0	100	200	300
1,1-Dichloro-2-propanone	CBZ	Ave	148878 5697415	598860	1586850	3111187	4617575	25.0 1000	100	250	500	750
Tetrachloroethene	CBZ	Lin	17804 1108364	88398	219690	532075	842091	5.00 200	20.0	50.0	100	150
methyl isobutyl ketone	CBZ	Ave	54701 2091447	221781	584796	1152973	1731238	5.00 200	20.0	50.0	100	150
trans-1,3-Dichloropropene	FB	Ave	51676 2653732	244161	630289	1291399	1984757	5.00 200	20.0	50.0	100	150
1,1,2-Trichloroethane	FB	Ave	37044 1699477	166173	424439	864528	1293040	5.00 200	20.0	50.0	100	150
Ethyl methacrylate	CBZ	Ave	53388 2379778	241823	639154	1286060	1882137	5.00 200	20.0	50.0	100	150
Dibromochloromethane	CBZ	Ave	37894 1924987	172935	462998	947245	1461644	5.00 200	20.0	50.0	100	150
1,3-Dichloropropane	CBZ	Ave	62770 2774250	280150	700868	1378810	2179465	5.00 200	20.0	50.0	100	150
1,2-Dibromoethane	CBZ	Ave	44714 1963760	192873	497019	1011095	1490880	5.00 200	20.0	50.0	100	150
2-Hexanone	CBZ	Ave	38929 1538411	161359	419893	813266	1262165	5.00 200	20.0	50.0	100	150
Chlorobenzene	CBZ	Ave	85006 4119315	381486	955349	2064378	3088004	5.00 200	20.0	50.0	100	150
1-Chlorohexane	CBZ	Ave	36562 1820745	184574	353502	1044177	1245548	5.00 200	20.0	50.0	100	150
Ethylbenzene	CBZ	Ave	32774 1897314	168304	412940	969216	1425034	5.00 200	20.0	50.0	100	150
1,1,1,2-Tetrachloroethane	CBZ	Ave	27312 1537072	139651	358450	756447	1149171	5.00 200	20.0	50.0	100	150
m&p-Xylene	CBZ	Ave	86734 4566132	424039	1027447	2360748	3479922	10.0 400	40.0	100	200	300
o-Xylene	CBZ	Ave	45802 2308520	213113	540957	1173307	1754828	5.00 200	20.0	50.0	100	150
Styrene	CBZ	Ave	84198 4169089	403078	1048277	2119280	3194306	5.00 200	20.0	50.0	100	150
Bromoform	CBZ	Ave	28664 1447127	131816	358858	741529	1122007	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	DCB	Ave	81438 4337997	400442	988032	2260669	3413360	5.00 200	20.0	50.0	100	150
Bromobenzene	DCB	Ave	35352 1724408	163965	424868	882998	1335208	5.00 200	20.0	50.0	100	150
N-Propylbenzene	DCB	Ave	108125 5714378	496556	1249691	2854781	4360979	5.00 200	20.0	50.0	100	150
1,1,2,2-Tetrachloroethane	DCB	Ave	62288 2383171	255905	647866	1288444	1890273	5.00 200	20.0	50.0	100	150
4-Ethyltoluene	DCB	Ave	90838 4625827	414571	1024703	2323707	3472779	5.00 200	20.0	50.0	100	150
2-Chlorotoluene	DCB	Ave	85011 4293441	396836	988609	2208294	3303140	5.00 200	20.0	50.0	100	150
1,2,3-Trichloropropane	DCB	Ave	15298 631922	66723	168095	332394	507863	5.00 200	20.0	50.0	100	150
1,3,5-Trimethylbenzene	DCB	Ave	69709 3614931	349430	850888	1865527	2824331	5.00 200	20.0	50.0	100	150
trans-1,4-Dichloro-2-butene	DCB	Ave	24254 1094202	116923	296184	620570	916345	10.0 400	40.0	100	200	300
4-Chlorotoluene	DCB	Ave	82861 4121561	387543	968627	2122388	3194549	5.00 200	20.0	50.0	100	150
tert-Butylbenzene	DCB	Ave	53542 2694900	249443	621219	1367386	2108415	5.00 200	20.0	50.0	100	150
1,2,4-Trimethylbenzene	DCB	Ave	79551 3886302	358318	913047	1942418	2937173	5.00 200	20.0	50.0	100	150
sec-Butylbenzene	DCB	Ave	97003 3996715	404451	1007264	2196980	3198353	5.00 200	20.0	50.0	100	150
4-Isopropyltoluene	DCB	Ave	70370 3223328	321742	794205	1686095	2528324	5.00 200	20.0	50.0	100	150
1,3-Dichlorobenzene	DCB	Ave	47202 2393194	228160	573120	1237501	1859756	5.00 200	20.0	50.0	100	150
1,4-Dichlorobenzene	DCB	Ave	51502 2557545	245720	602892	1287568	1964132	5.00 200	20.0	50.0	100	150
p-Diethylbenzene	FB	Ave	36926 1630742	157380	399033	866165	1264477	5.00 200	20.0	50.0	100	150
Benzyl chloride	DCB	Ave	15760 812388	78157	194929	427992	640154	5.00 200	20.0	50.0	100	150
n-Butylbenzene	DCB	Ave	114676 4438072	419580	747391	2191119	2768197	5.00 200	20.0	50.0	100	150
1,2-Dichlorobenzene	DCB	Ave	53683 2453044	238590	584080	1239179	1879797	5.00 200	20.0	50.0	100	150
1,2,4,5-Tetramethylbenzene	FB	Ave	81623 2931908	328319	801630	1566794	2403488	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50337

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/02/2011 18:36 Calibration End Date: 05/02/2011 20:37 Calibration ID: 10519

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromo-3-Chloropropane	DCB	Ave	8206 339113	35537	92742	183783	287467	5.00 200	20.0	50.0	100	150
Nitrobenzene	DCB	Ave	46610 1753223	184369	546324	1083331	1678667	50.0 2000	200	500	1000	1500
Hexachlorobutadiene	DCB	Ave	32048 402706	72812	143977	253071	359462	5.00 200	20.0	50.0	100	150
1,2,4-Trichlorobenzene	DCB	Ave	40820 1289808	154704	374273	739470	1121800	5.00 200	20.0	50.0	100	150
Naphthalene	DCB	Ave	139105 4214855	496085	1198068	2410590	3566687	5.00 200	20.0	50.0	100	150
1,2,3-Trichlorobenzene	DCB	Ave	41280 1253833	151024	364043	723552	1061358	5.00 200	20.0	50.0	100	150
Dibromofluoromethane	FB	Lin	28740 1700800	73185	385545	828237	1257954	5.00 200	20.0	50.0	100	150
1,2-Dichloroethane-d4 (Surr)	FB	Lin	30691 1487846	68087	354873	744077	1129886	5.00 200	20.0	50.0	100	150
Toluene-d8 (Surr)	CBZ	Lin	79120 5349084	236103	1203184	2677256	4032103	5.00 200	20.0	50.0	100	150
4-Bromofluorobenzene	DCB	Lin	40777 2254636	107896	533678	1140003	1694582	5.00 200	20.0	50.0	100	150

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119390.b\L9392.D
Lab Smp Id: IC;200 Client Smp ID: IC;200
Inj Date : 02-MAY-2011 18:36 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;200
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119390.b\L8260BNW.m
Meth Date : 02-May-2011 22:01 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 18:36 Cal File: L9392.D
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.202	4.202	(1.000)	1073291	25.0000	
2	Dichlorodifluoromethane	85	0.984	0.993	(0.234)	1002248	200.000	200
3	Chloromethane	50	1.092	1.092	(0.260)	1598872	200.000	210(AM)
4	Vinyl Chloride	62	1.112	1.111	(0.265)	1442675	200.000	230(A)
5	Bromomethane	94	1.259	1.269	(0.300)	559059	200.000	190(M)
6	Chloroethane	64	1.308	1.318	(0.311)	460480	200.000	160(M)
7	Trichlorofluoromethane	101	1.377	1.387	(0.328)	1729888	200.000	190
8	Dichlorofluoromethane	67	1.397	1.407	(0.333)	1848224	200.000	200
9	Ethyl Ether	45	1.515	1.515	(0.361)	802612	200.000	180
10	Ethanol	45	1.564	1.574	(0.372)	736284	2000.00	1900(M)
12	Freon 123	67	1.633	1.633	(0.389)	375850	200.000	190
13	Trichlorotrifluoroethane	101	1.633	1.643	(0.389)	1392097	200.000	230(A)
14	1,1-Dichloroethene	96	1.623	1.633	(0.386)	1228808	200.000	220(A)
15	Carbon Disulfide	76	1.653	1.653	(0.393)	4696165	200.000	190
16	Iodomethane	142	1.712	1.712	(0.407)	2030788	200.000	190
17	Acrolein	56	1.801	1.800	(0.429)	4112103	1000.00	910
19	3-Chloro-1-Propene	41	1.869	1.869	(0.445)	2526617	200.000	210(A)
20	Methylene Chloride	84	1.928	1.938	(0.459)	1822598	200.000	190
21	Acetone	43	1.958	1.958	(0.466)	727980	200.000	200
22	trans-1,2-Dichloroethene	96	2.027	2.027	(0.482)	1626993	200.000	210(A)
23	Methyl Acetate	43	2.017	2.017	(0.480)	8449395	200.000	170
24	Methyl tert-Butyl Ether	73	2.076	2.076	(0.494)	4683486	200.000	190

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.125	2.125	(0.506)	1064173	1000.00	840
	26 Acetonitrile	41	2.253	2.253	(0.536)	5566517	2000.00	1800(M)
	27 Isopropyl ether	45	2.312	2.312	(0.550)	6225593	200.000	200(A)
	28 tert-Butyl ethyl ether	59	2.578	2.578	(0.614)	5269764	200.000	200
	29 2-Chloro-1,3-Butadiene	88	2.401	2.411	(0.571)	1499779	200.000	190
	30 Acrylonitrile	53	2.460	2.460	(0.585)	1642229	400.000	370
	31 1,1-Dichloroethane	63	2.421	2.420	(0.576)	2786942	200.000	210(A)
	32 Vinyl Acetate	43	2.598	2.598	(0.618)	9577254	200.000	190
	33 cis-1,2-Dichloroethene	96	2.844	2.844	(0.677)	1995035	200.000	210(A)
	34 2,2-Dichloropropane	77	2.932	2.932	(0.698)	2140072	200.000	220(A)
	35 Bromochloromethane	128	3.021	3.021	(0.719)	959290	200.000	200
	37 Cyclohexane	84	3.011	3.021	(0.717)	1621021	200.000	200
	38 Chloroform	83	3.080	3.080	(0.733)	2986676	200.000	210(A)
	39 Ethyl Acetate	43	3.198	3.198	(0.761)	275329	400.000	350(M)
	40 Methyl Acrylate	55	3.198	3.208	(0.761)	1823632	200.000	190
$	41 Dibromofluoromethane	111	3.257	3.257	(0.775)	1700800	200.000	190
	42 Tetrahydrofuran	42	3.228	3.228	(0.768)	1384249	400.000	370
	43 Carbon Tetrachloride	117	3.208	3.208	(0.763)	1691271	200.000	230(AM)
	44 1,1,1-Trichloroethane	97	3.277	3.287	(0.780)	2314204	200.000	190
	45 2-Butanone	43	3.385	3.395	(0.806)	1120318	200.000	200
	46 1,1-Dichloropropene	75	3.405	3.405	(0.810)	2069750	200.000	190
	47 tert-Amyl methyl ether	73	3.828	3.828	(0.911)	4909817	200.000	190
	49 1-Chlorobutane	56	3.464	3.464	(0.824)	2782940	200.000	220(A)
	51 Propionitrile	54	3.720	3.720	(0.885)	2909401	2000.00	1800
	52 Benzene	78	3.680	3.680	(0.876)	6228771	200.000	200(A)
	53 2-Methyl-2-Propenenitrile	41	3.739	3.739	(0.890)	1386956	200.000	190(M)
	54 Isobutyl alcohol	42	3.995	3.995	(0.951)	1352936	2000.00	1700
$	55 1,2-Dichloroethane-d4	65	3.848	3.848	(0.916)	1487846	200.000	190
	56 1,2-Dichloroethane	62	3.927	3.926	(0.934)	1993151	200.000	200
	59 Methyl Cyclohexane	83	4.389	4.399	(1.044)	1439379	200.000	220(A)
	60 Trichloroethene	130	4.419	4.419	(1.052)	1604927	200.000	190
	63 Dibromomethane	93	4.911	4.911	(1.169)	1409360	200.000	200
	64 1,2-Dichloropropane	63	5.029	5.029	(1.197)	1762551	200.000	210(A)
	65 Bromodichloromethane	83	5.117	5.117	(1.218)	2340153	200.000	210(A)
	66 Methyl Methacrylate	69	5.324	5.324	(1.267)	1397989	200.000	190
	67 1,4-Dioxane	58	5.354	5.354	(1.274)	290389	2000.00	1500
	69 2-Chloroethylvinylether	63	5.767	5.767	(1.372)	3010057	200.000	190
	70 cis-1,3-Dichloropropene	75	5.806	5.796	(1.382)	2932529	200.000	210(A)
	71 Chloroacetonitrile	48	6.220	6.220	(1.480)	854576	2000.00	1800
	72 2-Nitropropane	41	6.279	6.269	(1.494)	1052969	400.000	380
	73 trans-1,3-Dichloropropene	75	6.466	6.466	(1.539)	2653732	200.000	200(A)
	74 1,1,2-Trichloroethane	97	6.614	6.613	(1.574)	1699477	200.000	200
*	75 Chlorobenzene-d5	117	7.460	7.460	(1.000)	745111	25.0000	
	76 Toluene	91	6.033	6.033	(0.809)	6540273	200.000	210(A)
$	77 Toluene-d8	98	5.984	5.983	(0.802)	5349084	200.000	190
	78 1,1-Dichloro-2-propanone	43	6.289	6.279	(0.843)	5697415	1000.00	910
	79 4-Methyl-2-Pentanone	43	6.446	6.436	(0.864)	2091447	200.000	180
	80 Tetrachloroethene	164	6.417	6.407	(0.860)	1108364	200.000	190
	81 Ethyl Methacrylate	69	6.663	6.663	(0.893)	2379778	200.000	190
	82 Dibromochloromethane	129	6.781	6.771	(0.909)	1924987	200.000	200(A)
	83 1,3-Dichloropropane	76	6.869	6.869	(0.921)	2774250	200.000	190
	84 1,2-Dibromoethane	107	6.978	6.968	(0.935)	1963760	200.000	200
	86 2-Hexanone	43	7.243	7.243	(0.971)	1538411	200.000	180
	87 1-Chlorohexane	91	7.489	7.499	(1.004)	1820745	200.000	200(AM)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
88	Chlorobenzene	112	7.480	7.470	(1.003)	4119315	200.000	200(A)
89	1,1,1,2-Tetrachloroethane	131	7.549	7.539	(1.012)	1537072	200.000	210(A)
90	Ethylbenzene	106	7.519	7.519	(1.008)	1897314	200.000	210(A)
91	Xylene (total)mp	106	7.657	7.657	(1.026)	4566132	400.000	410(A)
92	Xylene (total)o	106	8.041	8.031	(1.078)	2308520	200.000	200(A)
93	Styrene	104	8.090	8.080	(1.084)	4169089	200.000	200
94	Bromoform	173	8.090	8.090	(1.084)	1447127	200.000	200(A)
* 95	1,4-Dichlorobenzene-d4	152	9.527	9.527	(1.000)	317854	25.0000	
96	Isopropylbenzene	105	8.326	8.316	(0.874)	4337997	200.000	200(A)
97	Bromobenzene	156	8.631	8.631	(0.906)	1724408	200.000	200
98	1,1,2,2-Tetrachloroethane	83	8.759	8.759	(0.919)	2383171	200.000	180
99	4-Ethyltoluene	105	8.789	8.789	(0.923)	4625827	200.000	210(A)
100	1,2,3-Trichloropropane	110	8.858	8.857	(0.930)	631922	200.000	190
101	trans-1,4-Dichloro-2-Butene	53	8.907	8.907	(0.935)	1094202	400.000	370
102	n-Propylbenzene	91	8.690	8.680	(0.912)	5714378	200.000	210(A)
103	2-Chlorotoluene	91	8.808	8.798	(0.925)	4293441	200.000	200(A)
104	4-Chlorotoluene	91	8.956	8.946	(0.940)	4121561	200.000	200(A)
105	1,3,5-Trimethylbenzene	105	8.867	8.867	(0.931)	3614931	200.000	200(A)
106	tert-Butylbenzene	119	9.133	9.133	(0.959)	2694900	200.000	200(A)
107	1,2,4-Trimethylbenzene	105	9.202	9.202	(0.966)	3886302	200.000	200(A)
108	sec-Butylbenzene	105	9.291	9.291	(0.975)	3996715	200.000	190
109	4-Isopropyltoluene	119	9.428	9.419	(0.990)	3223328	200.000	190
110	1,3-Dichlorobenzene	146	9.458	9.458	(0.993)	2393194	200.000	200(A)
111	1,4-Dichlorobenzene	146	9.547	9.537	(1.002)	2557545	200.000	200(A)
112	1,2-Dichlorobenzene	146	9.901	9.901	(1.039)	2453044	200.000	200
113	Benzyl Chloride	126	9.763	9.763	(1.025)	812388	200.000	200(A)
114	1,4-Diethylbenzene	119	9.743	9.733	(2.319)	1630742	200.000	190
115	n-Butylbenzene	91	9.783	9.783	(1.027)	4438072	200.000	120(M)
118	1,2,4,5-Tetramethylbenzene	119	10.442	10.442	(2.485)	2931908	200.000	180
119	1,2-Dibromo-3-chloropropane	75	10.600	10.600	(1.113)	339113	200.000	180
120	Nitrobenzene	77	11.092	11.082	(1.164)	1753223	2000.00	1700
121	1,2,4-Trichlorobenzene	180	11.190	11.190	(1.175)	1289808	200.000	170
122	Hexachlorobutadiene	225	11.180	11.180	(1.174)	402706	200.000	120
123	Naphthalene	128	11.466	11.466	(1.204)	4214855	200.000	170
124	1,2,3-Trichlorobenzene	180	11.633	11.633	(1.221)	1253833	200.000	160
$ 125	Bromofluorobenzene	95	8.552	8.552	(0.898)	2254636	200.000	190
M 126	1,2-Dichloroethene (total)	100				3622028	400.000	420
M 127	Xylene (total)	100				6874652	600.000	620

QC Flag Legend

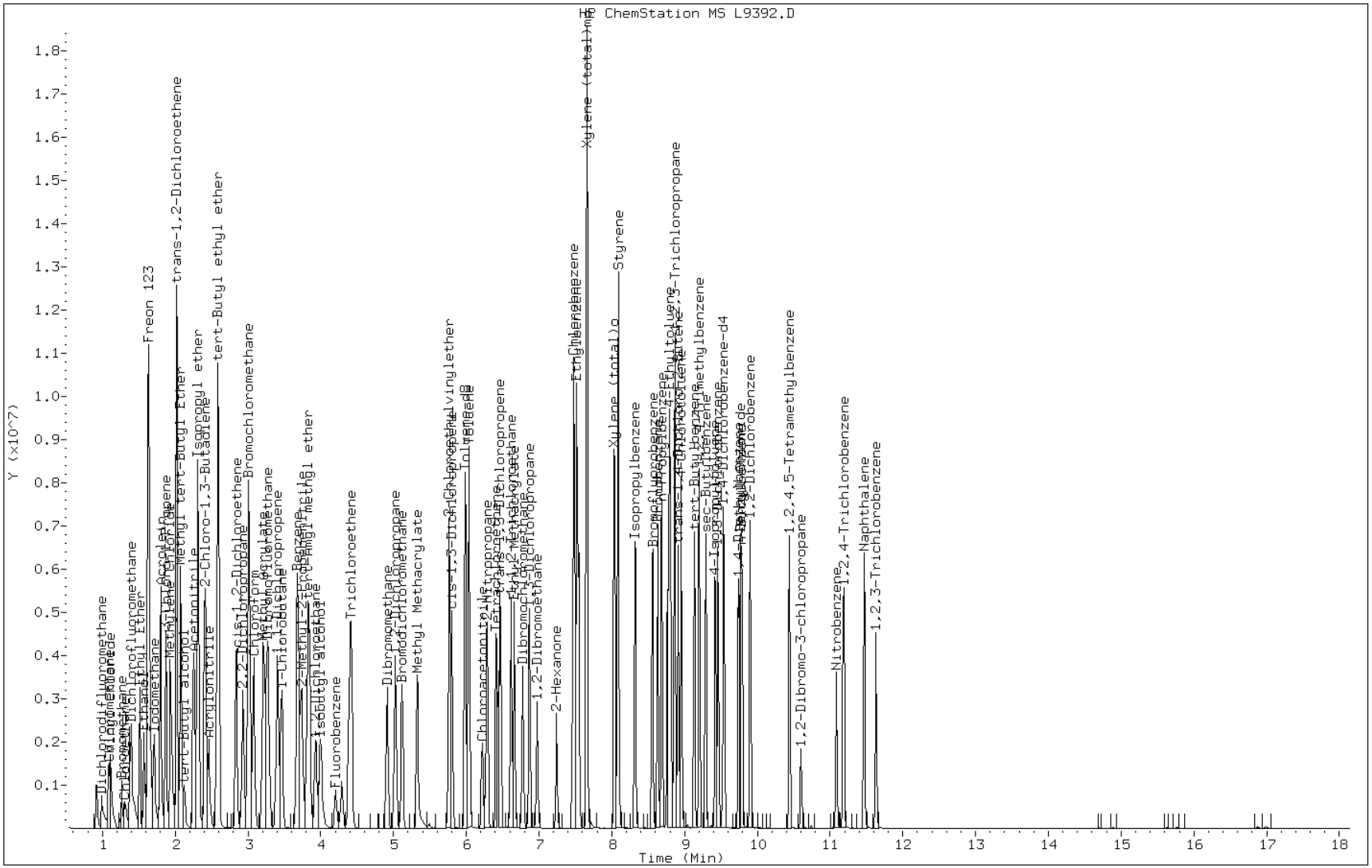
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: L9392.D

Date: 02-MAY-2011 18:36

Client ID: IC;200 Instrument: msl.i

Sample Info: IC;200 Operator: E. LYNCH



Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/11/2011

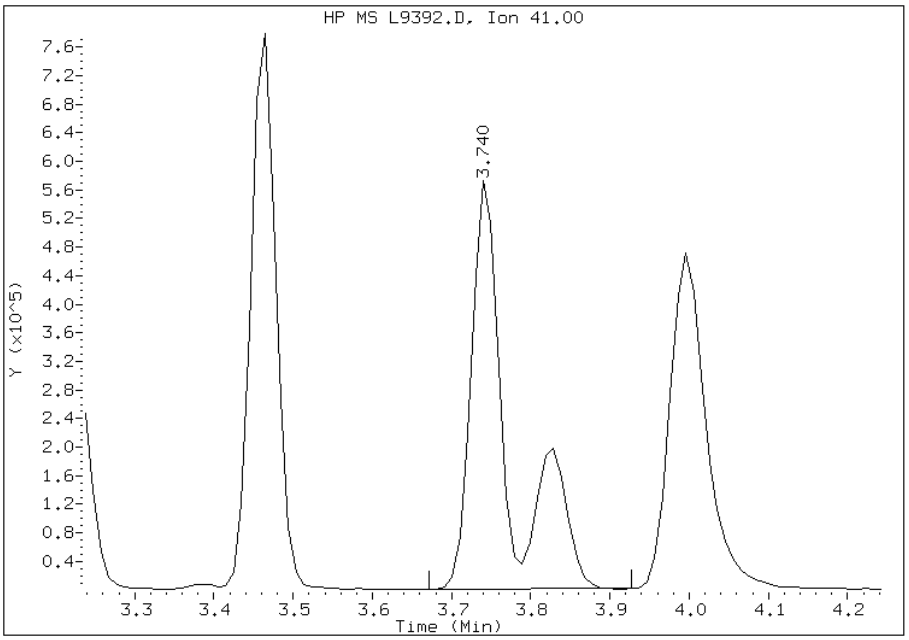
Processing Integration Results

RT: 3.74

Response: 1915146

Amount: 308

Conc: 308



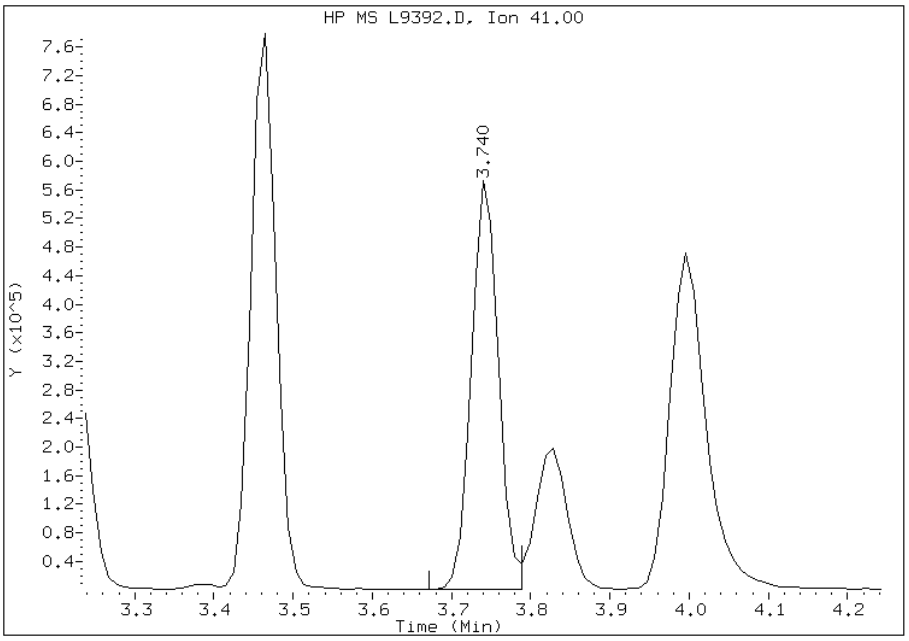
Manual Integration Results

RT: 3.74

Response: 1386956

Amount: 186

Conc: 186



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/11/2011

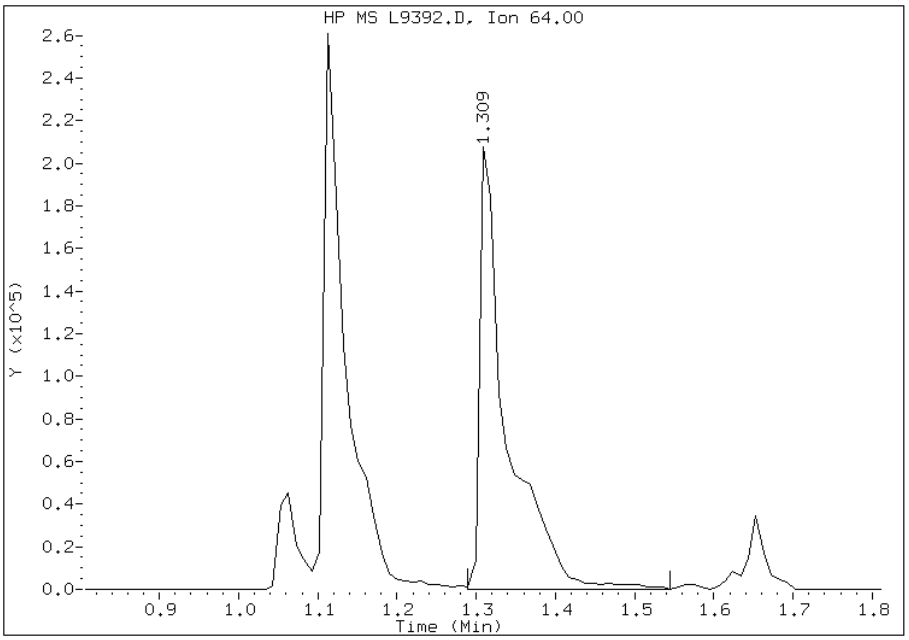
Processing Integration Results

RT: 1.31

Response: 501628

Amount: 138

Conc: 138



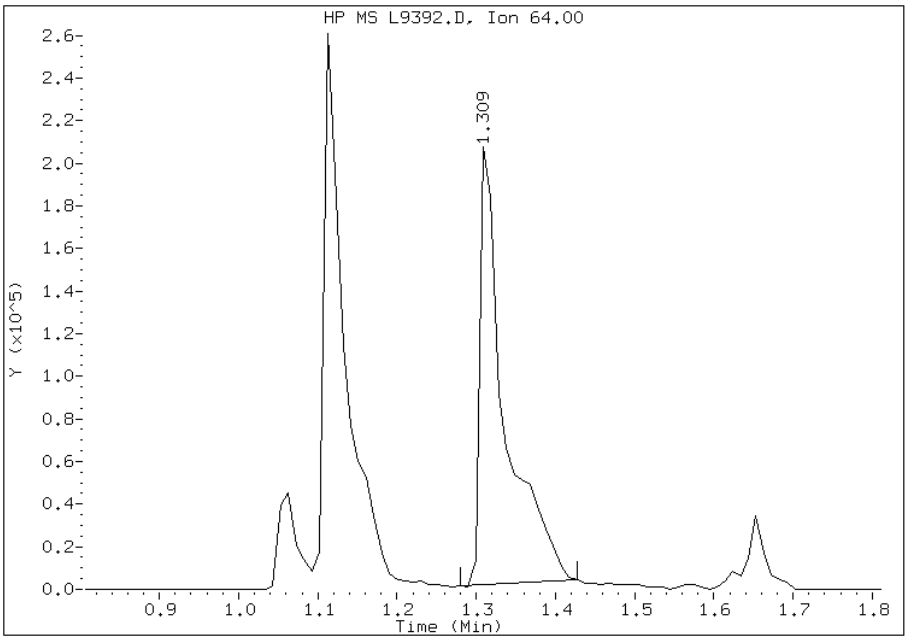
Manual Integration Results

RT: 1.31

Response: 460480

Amount: 162

Conc: 162



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 05/11/2011

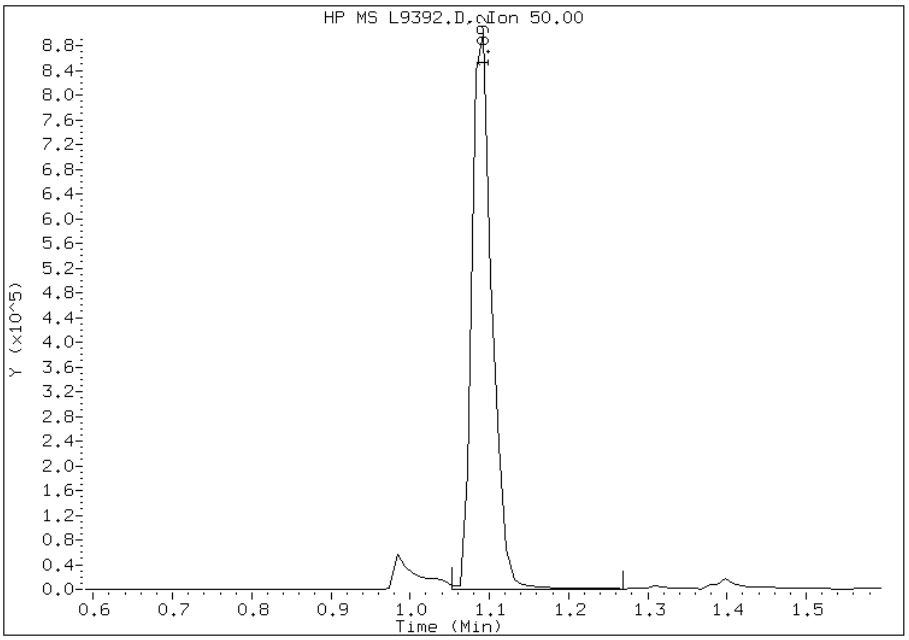
Processing Integration Results

RT: 1.09

Response: 1650653

Amount: 207

Conc: 207



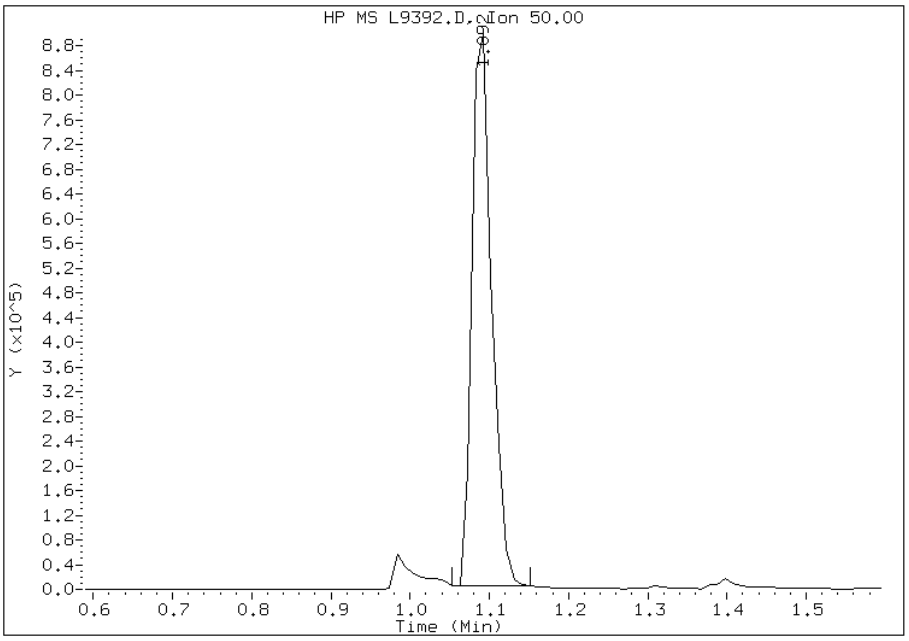
Manual Integration Results

RT: 1.09

Response: 1598872

Amount: 214

Conc: 214



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 43 Carbon Tetrachloride
CAS #: 56-23-5
Report Date: 05/11/2011

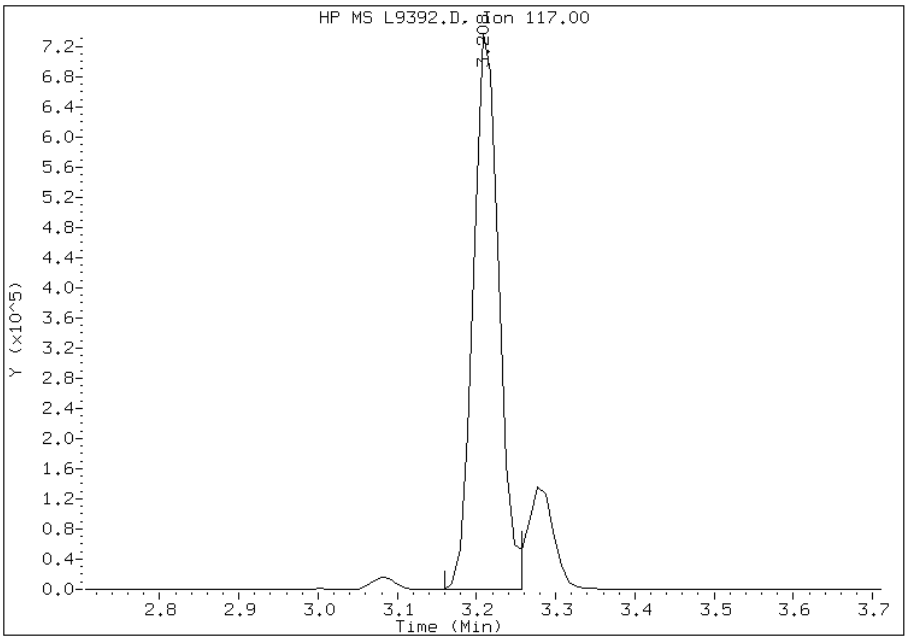
Processing Integration Results

RT: 3.21

Response: 1704586

Amount: 229

Conc: 229



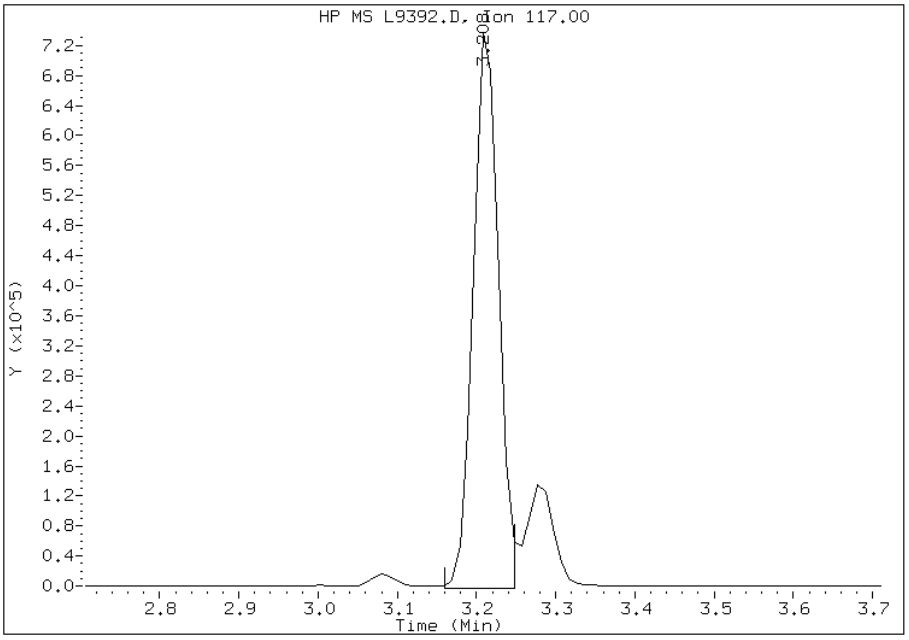
Manual Integration Results

RT: 3.21

Response: 1691271

Amount: 228

Conc: 228



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/11/2011

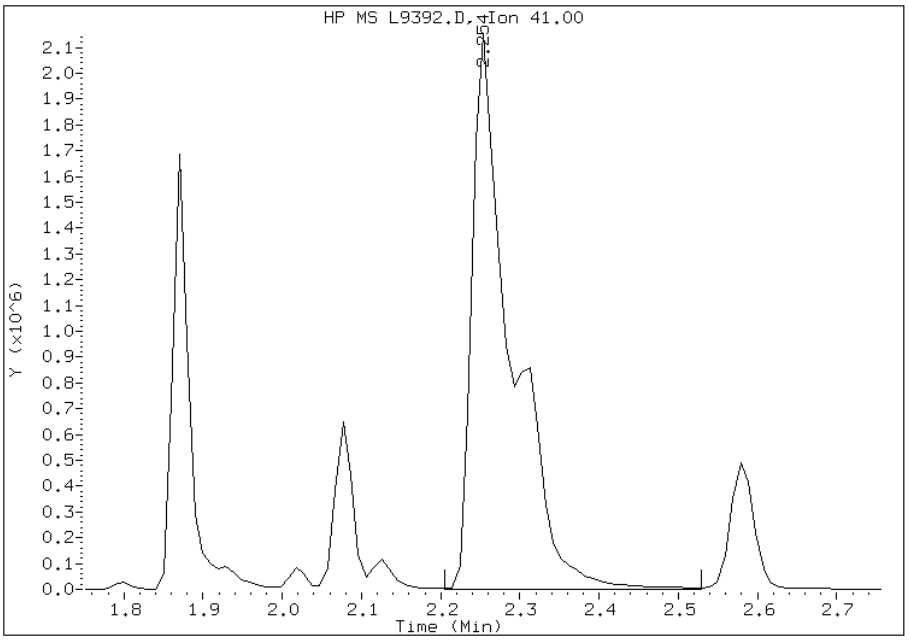
Processing Integration Results

RT: 2.25

Response: 7557199

Amount: 1906

Conc: 1906



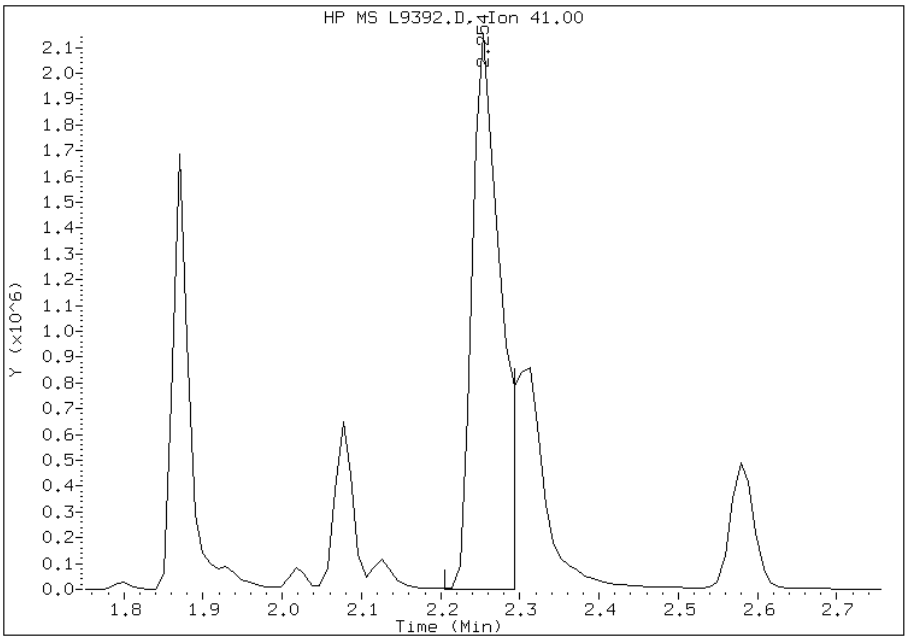
Manual Integration Results

RT: 2.25

Response: 5566517

Amount: 1765

Conc: 1765



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/11/2011

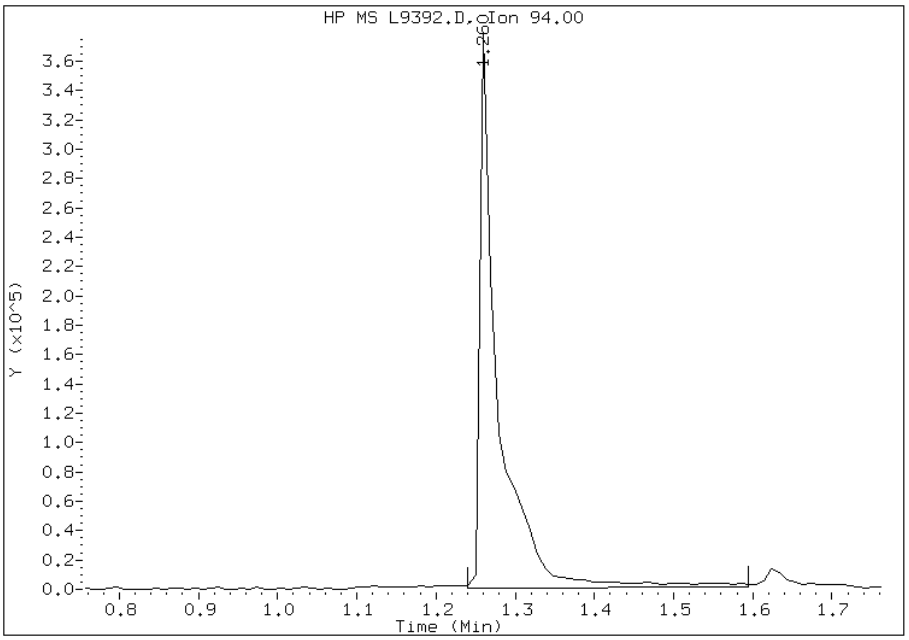
Processing Integration Results

RT: 1.26

Response: 634447

Amount: 133

Conc: 133



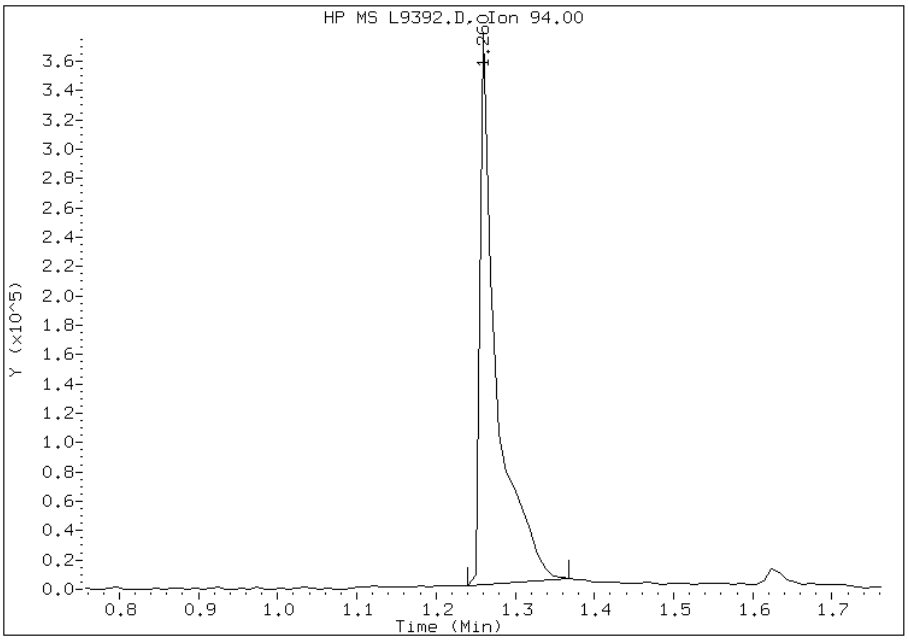
Manual Integration Results

RT: 1.26

Response: 559059

Amount: 194

Conc: 194



Manually Integrated By: eon
Manual Integration Reason:

Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/11/2011

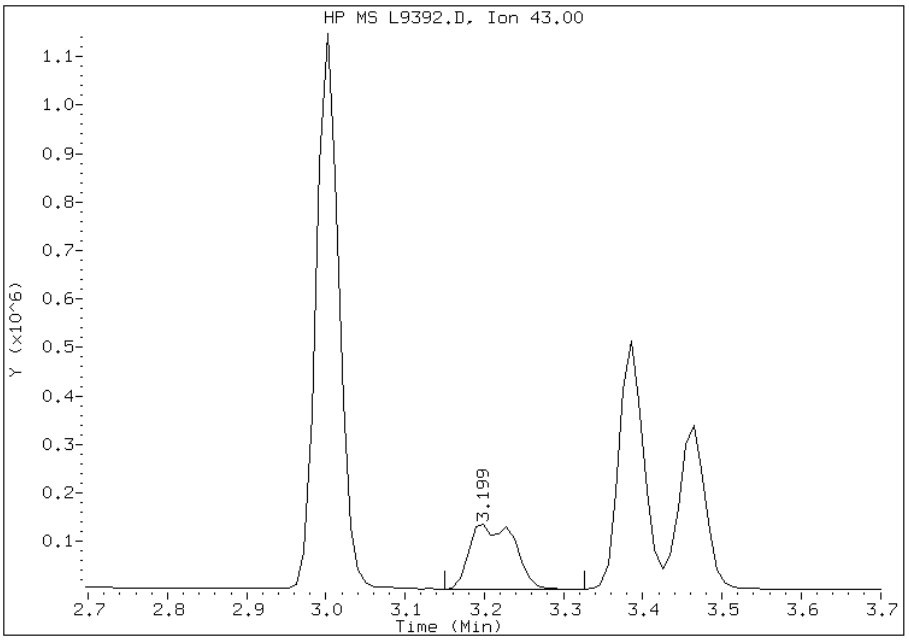
Processing Integration Results

RT: 3.20

Response: 534563

Amount: 389

Conc: 389



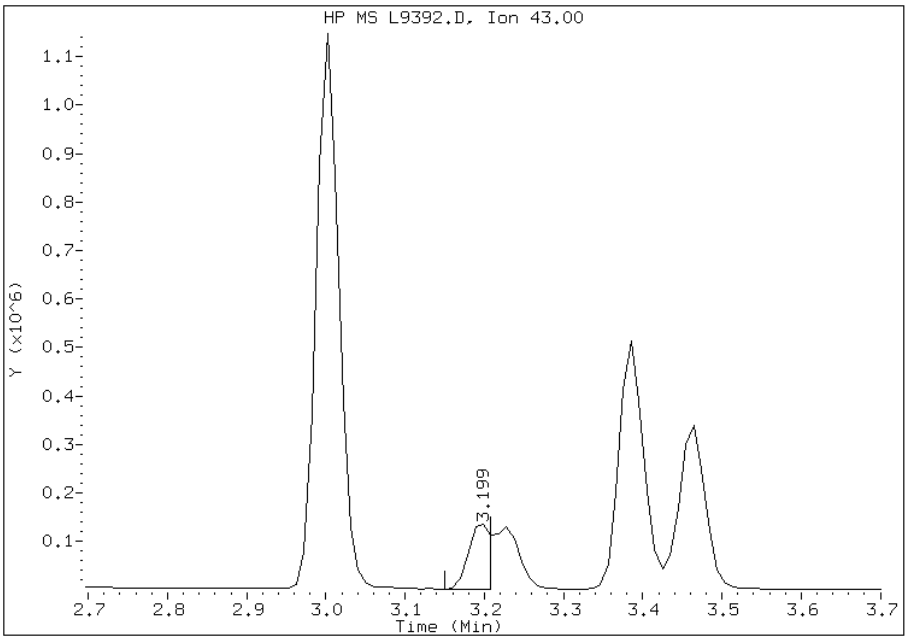
Manual Integration Results

RT: 3.20

Response: 275329

Amount: 354

Conc: 354



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 05/11/2011

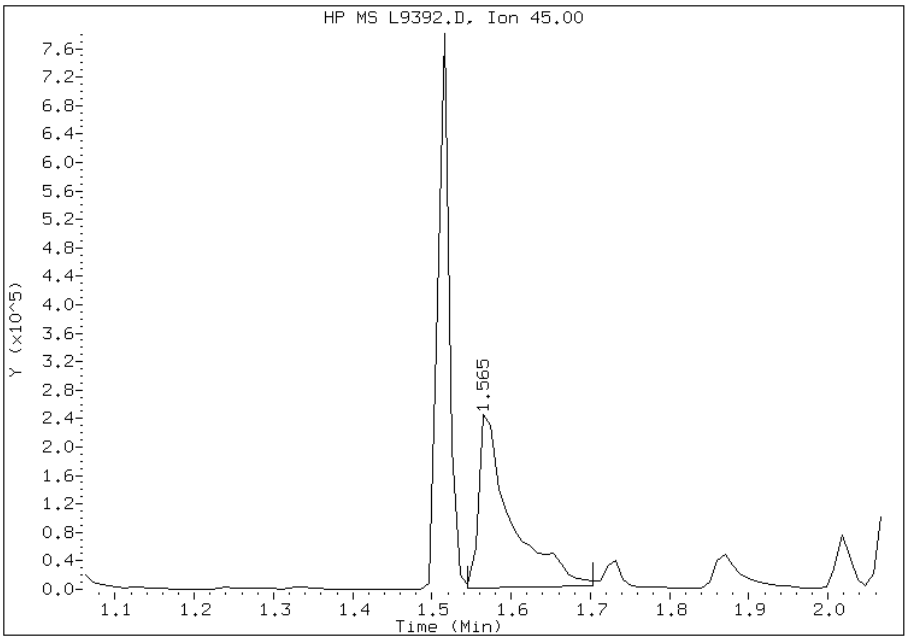
Processing Integration Results

RT: 1.56

Response: 708106

Amount: 1914

Conc: 1914



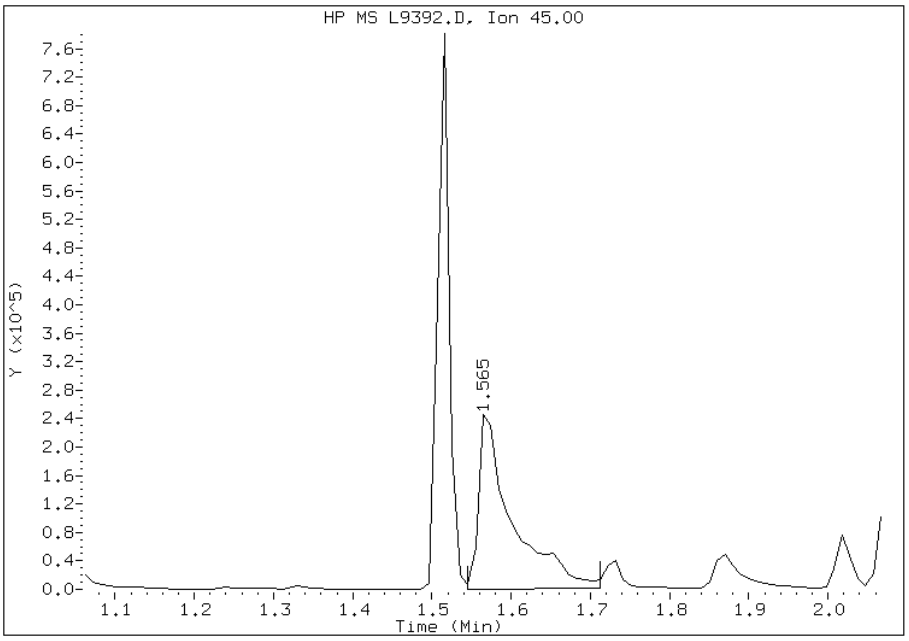
Manual Integration Results

RT: 1.56

Response: 736284

Amount: 1925

Conc: 1925



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/11/2011

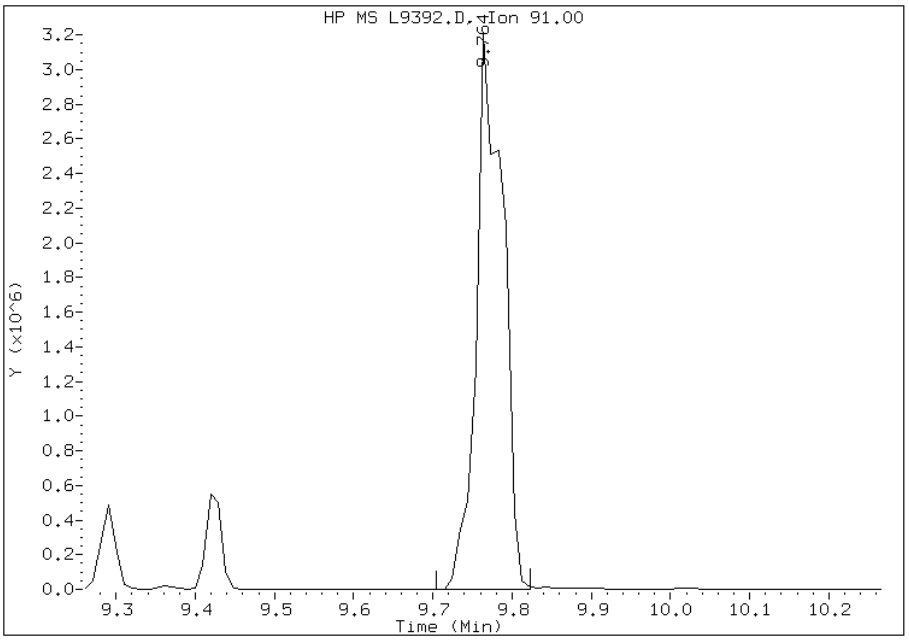
Processing Integration Results

RT: 9.76

Response: 7701053

Amount: 191

Conc: 191



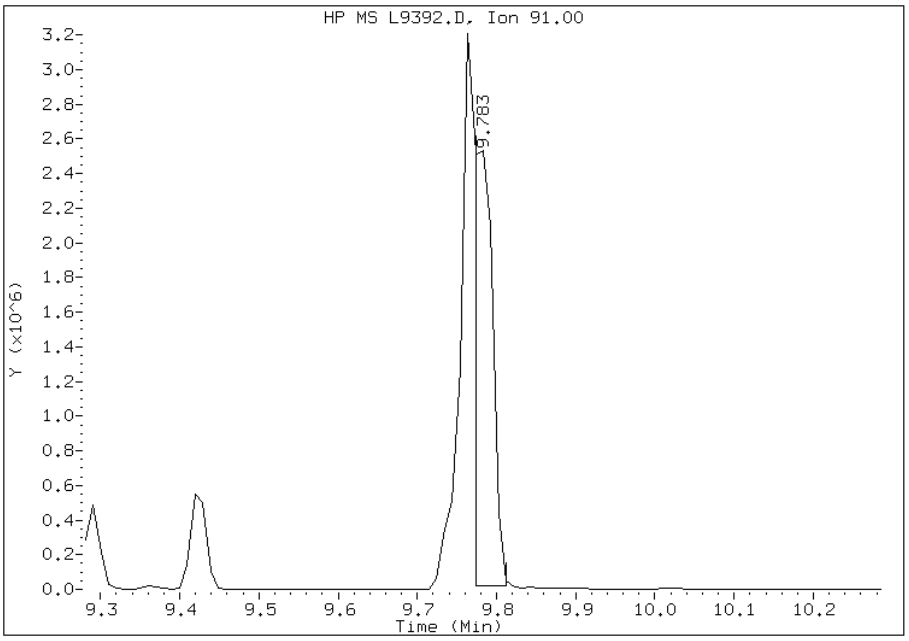
Manual Integration Results

RT: 9.78

Response: 4438072

Amount: 121

Conc: 121



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9392.D
Inj. Date and Time: 02-MAY-2011 18:36
Instrument ID: msl.i
Client ID: IC;200
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/11/2011

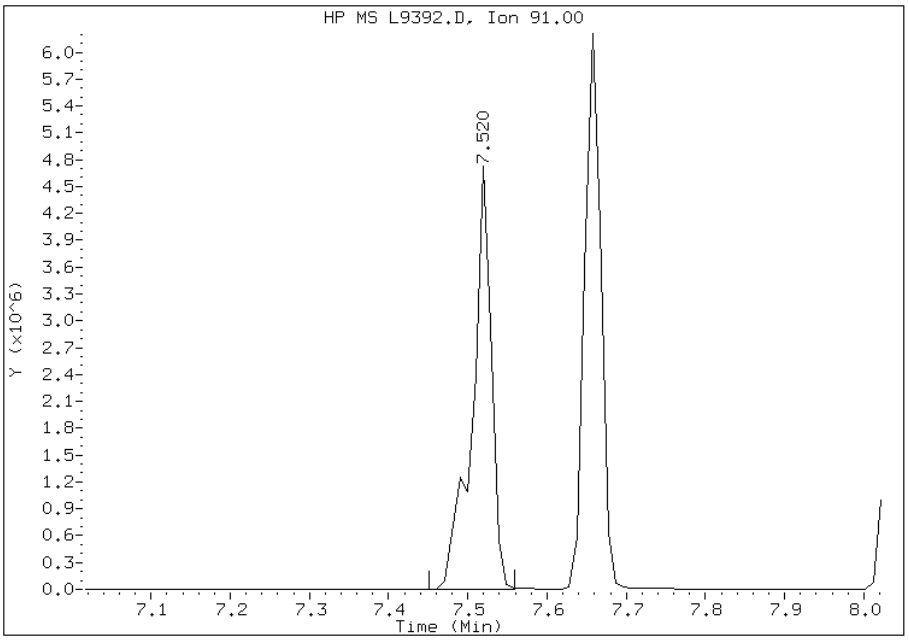
Processing Integration Results

RT: 7.52

Response: 8115581

Amount: 213

Conc: 213



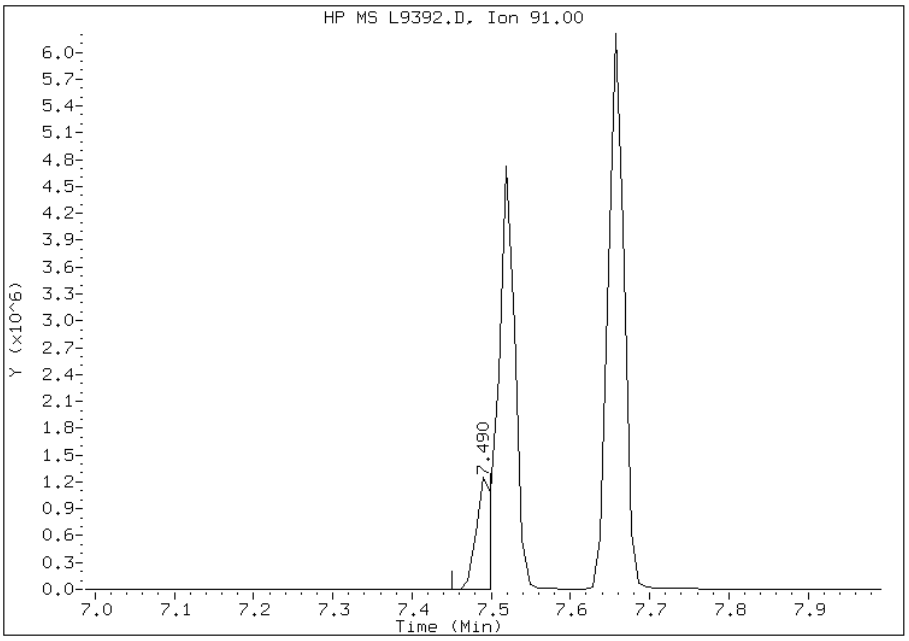
Manual Integration Results

RT: 7.49

Response: 1820745

Amount: 206

Conc: 206



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119390.b\L9393.D
Lab Smp Id: IC;150 Client Smp ID: IC;150
Inj Date : 02-MAY-2011 19:00 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;150
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119390.b\L8260BNW.m
Meth Date : 02-May-2011 22:01 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 19:00 Cal File: L9393.D
Als bottle: 4 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.207	4.202	(1.000)	980559	25.0000	
2	Dichlorodifluoromethane	85	0.989	0.993	(0.235)	739763	150.000	160
3	Chloromethane	50	1.087	1.092	(0.258)	1239641	150.000	180(M)
4	Vinyl Chloride	62	1.117	1.111	(0.266)	1076604	150.000	180
5	Bromomethane	94	1.264	1.269	(0.301)	403148	150.000	150(M)
6	Chloroethane	64	1.314	1.318	(0.312)	363459	150.000	140(M)
7	Trichlorofluoromethane	101	1.382	1.387	(0.329)	1347737	150.000	160
8	Dichlorofluoromethane	67	1.402	1.407	(0.333)	1475116	150.000	170
9	Ethyl Ether	45	1.510	1.515	(0.359)	619378	150.000	160
10	Ethanol	45	1.569	1.574	(0.373)	593692	1500.00	1700
12	Freon 123	67	1.629	1.633	(0.387)	287074	150.000	160(M)
13	Trichlorotrifluoroethane	101	1.638	1.643	(0.389)	1062273	150.000	190
14	1,1-Dichloroethene	96	1.629	1.633	(0.387)	948596	150.000	180
15	Carbon Disulfide	76	1.658	1.653	(0.394)	3595257	150.000	160
16	Iodomethane	142	1.707	1.712	(0.406)	1555506	150.000	160
17	Acrolein	56	1.796	1.800	(0.427)	3300430	750.000	800
19	3-Chloro-1-Propene	41	1.865	1.869	(0.443)	1900180	150.000	170
20	Methylene Chloride	84	1.934	1.938	(0.460)	1396682	150.000	160
21	Acetone	43	1.953	1.958	(0.464)	525508	150.000	160
22	trans-1,2-Dichloroethene	96	2.022	2.027	(0.481)	1268695	150.000	180
23	Methyl Acetate	43	2.022	2.017	(0.481)	7145193	150.000	160
24	Methyl tert-Butyl Ether	73	2.081	2.076	(0.495)	3564251	150.000	160

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.121	2.125	(0.504)	905808	750.000	780
	26 Acetonitrile	41	2.249	2.253	(0.534)	4400050	1500.00	1500(M)
	27 Isopropyl ether	45	2.308	2.312	(0.549)	4615998	150.000	160
	28 tert-Butyl ethyl ether	59	2.573	2.578	(0.612)	3920222	150.000	160
	29 2-Chloro-1,3-Butadiene	88	2.406	2.411	(0.572)	1149253	150.000	160
	30 Acrylonitrile	53	2.455	2.460	(0.584)	1281868	300.000	320
	31 1,1-Dichloroethane	63	2.426	2.420	(0.577)	2148285	150.000	170
	32 Vinyl Acetate	43	2.593	2.598	(0.616)	7374879	150.000	160
	33 cis-1,2-Dichloroethene	96	2.839	2.844	(0.675)	1503348	150.000	170
	34 2,2-Dichloropropane	77	2.928	2.932	(0.696)	1599210	150.000	180
	35 Bromochloromethane	128	3.016	3.021	(0.717)	724317	150.000	160
	37 Cyclohexane	84	3.016	3.021	(0.717)	1191774	150.000	160
	38 Chloroform	83	3.075	3.080	(0.731)	2247114	150.000	170
	39 Ethyl Acetate	43	3.193	3.198	(0.759)	209521	300.000	290(M)
	40 Methyl Acrylate	55	3.203	3.208	(0.761)	1521446	150.000	170
$	41 Dibromofluoromethane	111	3.253	3.257	(0.773)	1257954	150.000	160
	42 Tetrahydrofuran	42	3.223	3.228	(0.766)	1133649	300.000	330
	43 Carbon Tetrachloride	117	3.213	3.208	(0.764)	1310399	150.000	190
	44 1,1,1-Trichloroethane	97	3.282	3.287	(0.780)	1752795	150.000	160
	45 2-Butanone	43	3.381	3.395	(0.803)	874080	150.000	170
	46 1,1-Dichloropropene	75	3.400	3.405	(0.808)	1573489	150.000	160
	47 tert-Amyl methyl ether	73	3.823	3.828	(0.909)	3838381	150.000	160
	49 1-Chlorobutane	56	3.459	3.464	(0.822)	2158307	150.000	180
	51 Propionitrile	54	3.715	3.720	(0.883)	2383420	1500.00	1600
	52 Benzene	78	3.676	3.680	(0.874)	4807274	150.000	170
	53 2-Methyl-2-Propenenitrile	41	3.735	3.739	(0.888)	1090622	150.000	160(M)
	54 Isobutyl alcohol	42	3.991	3.995	(0.949)	1153493	1500.00	1600
$	55 1,2-Dichloroethane-d4	65	3.843	3.848	(0.913)	1129886	150.000	160
	56 1,2-Dichloroethane	62	3.932	3.926	(0.935)	1505304	150.000	160
	59 Methyl Cyclohexane	83	4.394	4.399	(1.044)	1128301	150.000	190
	60 Trichloroethene	130	4.414	4.419	(1.049)	1245658	150.000	160
	63 Dibromomethane	93	4.906	4.911	(1.166)	1092219	150.000	170
	64 1,2-Dichloropropane	63	5.024	5.029	(1.194)	1318998	150.000	170
	65 Bromodichloromethane	83	5.113	5.117	(1.215)	1721879	150.000	170
	66 Methyl Methacrylate	69	5.329	5.324	(1.267)	1091464	150.000	160
	67 1,4-Dioxane	58	5.349	5.354	(1.271)	276200	1500.00	1600
	69 2-Chloroethylvinylether	63	5.762	5.767	(1.370)	2259223	150.000	160
	70 cis-1,3-Dichloropropene	75	5.802	5.796	(1.379)	2148486	150.000	170
	71 Chloroacetonitrile	48	6.215	6.220	(1.477)	698613	1500.00	1600
	72 2-Nitropropane	41	6.274	6.269	(1.491)	827016	300.000	330
	73 trans-1,3-Dichloropropene	75	6.471	6.466	(1.538)	1984757	150.000	170
	74 1,1,2-Trichloroethane	97	6.619	6.613	(1.573)	1293040	150.000	160
*	75 Chlorobenzene-d5	117	7.455	7.460	(1.000)	675938	25.0000	
	76 Toluene	91	6.038	6.033	(0.810)	4888821	150.000	170
$	77 Toluene-d8	98	5.979	5.983	(0.802)	4032103	150.000	160
	78 1,1-Dichloro-2-propanone	43	6.284	6.279	(0.843)	4617575	750.000	810
	79 4-Methyl-2-Pentanone	43	6.442	6.436	(0.864)	1731238	150.000	160
	80 Tetrachloroethene	164	6.412	6.407	(0.860)	842091	150.000	160
	81 Ethyl Methacrylate	69	6.658	6.663	(0.893)	1882137	150.000	160
	82 Dibromochloromethane	129	6.776	6.771	(0.909)	1461644	150.000	170
	83 1,3-Dichloropropane	76	6.865	6.869	(0.921)	2179465	150.000	170
	84 1,2-Dibromoethane	107	6.973	6.968	(0.935)	1490880	150.000	160
	86 2-Hexanone	43	7.239	7.243	(0.971)	1262165	150.000	170
	87 1-Chlorohexane	91	7.485	7.499	(1.004)	1245548	150.000	160(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
88	Chlorobenzene	112	7.475	7.470	(1.003)	3088004	150.000	170
89	1,1,1,2-Tetrachloroethane	131	7.544	7.539	(1.012)	1149171	150.000	170
90	Ethylbenzene	106	7.514	7.519	(1.008)	1425034	150.000	180
91	Xylene (total)mp	106	7.652	7.657	(1.026)	3479922	300.000	350
92	Xylene (total)o	106	8.036	8.031	(1.078)	1754828	150.000	170
93	Styrene	104	8.085	8.080	(1.084)	3194306	150.000	170
94	Bromoform	173	8.095	8.090	(1.086)	1122007	150.000	170
* 95	1,4-Dichlorobenzene-d4	152	9.532	9.527	(1.000)	293961	25.0000	
96	Isopropylbenzene	105	8.321	8.316	(0.873)	3413360	150.000	170
97	Bromobenzene	156	8.636	8.631	(0.906)	1335208	150.000	170
98	1,1,2,2-Tetrachloroethane	83	8.764	8.759	(0.919)	1890273	150.000	160
99	4-Ethyltoluene	105	8.784	8.789	(0.922)	3472779	150.000	170
100	1,2,3-Trichloropropane	110	8.863	8.857	(0.930)	507863	150.000	160
101	trans-1,4-Dichloro-2-Butene	53	8.912	8.907	(0.935)	916345	300.000	330
102	n-Propylbenzene	91	8.686	8.680	(0.911)	4360979	150.000	170
103	2-Chlorotoluene	91	8.804	8.798	(0.924)	3303140	150.000	170
104	4-Chlorotoluene	91	8.951	8.946	(0.939)	3194549	150.000	170
105	1,3,5-Trimethylbenzene	105	8.863	8.867	(0.930)	2824331	150.000	170
106	tert-Butylbenzene	119	9.129	9.133	(0.958)	2108415	150.000	170
107	1,2,4-Trimethylbenzene	105	9.197	9.202	(0.965)	2937173	150.000	170
108	sec-Butylbenzene	105	9.286	9.291	(0.974)	3198353	150.000	160
109	4-Isopropyltoluene	119	9.424	9.419	(0.989)	2528324	150.000	160
110	1,3-Dichlorobenzene	146	9.463	9.458	(0.993)	1859756	150.000	170
111	1,4-Dichlorobenzene	146	9.542	9.537	(1.001)	1964132	150.000	170
112	1,2-Dichlorobenzene	146	9.896	9.901	(1.038)	1879797	150.000	160
113	Benzyl Chloride	126	9.768	9.763	(1.025)	640154	150.000	170
114	1,4-Diethylbenzene	119	9.739	9.733	(2.315)	1264477	150.000	160
115	n-Butylbenzene	91	9.788	9.783	(1.027)	2768197	150.000	90(M)
118	1,2,4,5-Tetramethylbenzene	119	10.438	10.442	(2.481)	2403488	150.000	160
119	1,2-Dibromo-3-chloropropane	75	10.595	10.600	(1.112)	287467	150.000	170
120	Nitrobenzene	77	11.087	11.082	(1.163)	1678667	1500.00	1700
121	1,2,4-Trichlorobenzene	180	11.186	11.190	(1.173)	1121800	150.000	160
122	Hexachlorobutadiene	225	11.176	11.180	(1.172)	359462	150.000	110
123	Naphthalene	128	11.471	11.466	(1.203)	3566687	150.000	150
124	1,2,3-Trichlorobenzene	180	11.629	11.633	(1.220)	1061358	150.000	150
$ 125	Bromofluorobenzene	95	8.558	8.552	(0.898)	1694582	150.000	160
M 126	1,2-Dichloroethene (total)	100				2772043	300.000	350
M 127	Xylene (total)	100				5234750	450.000	520

QC Flag Legend

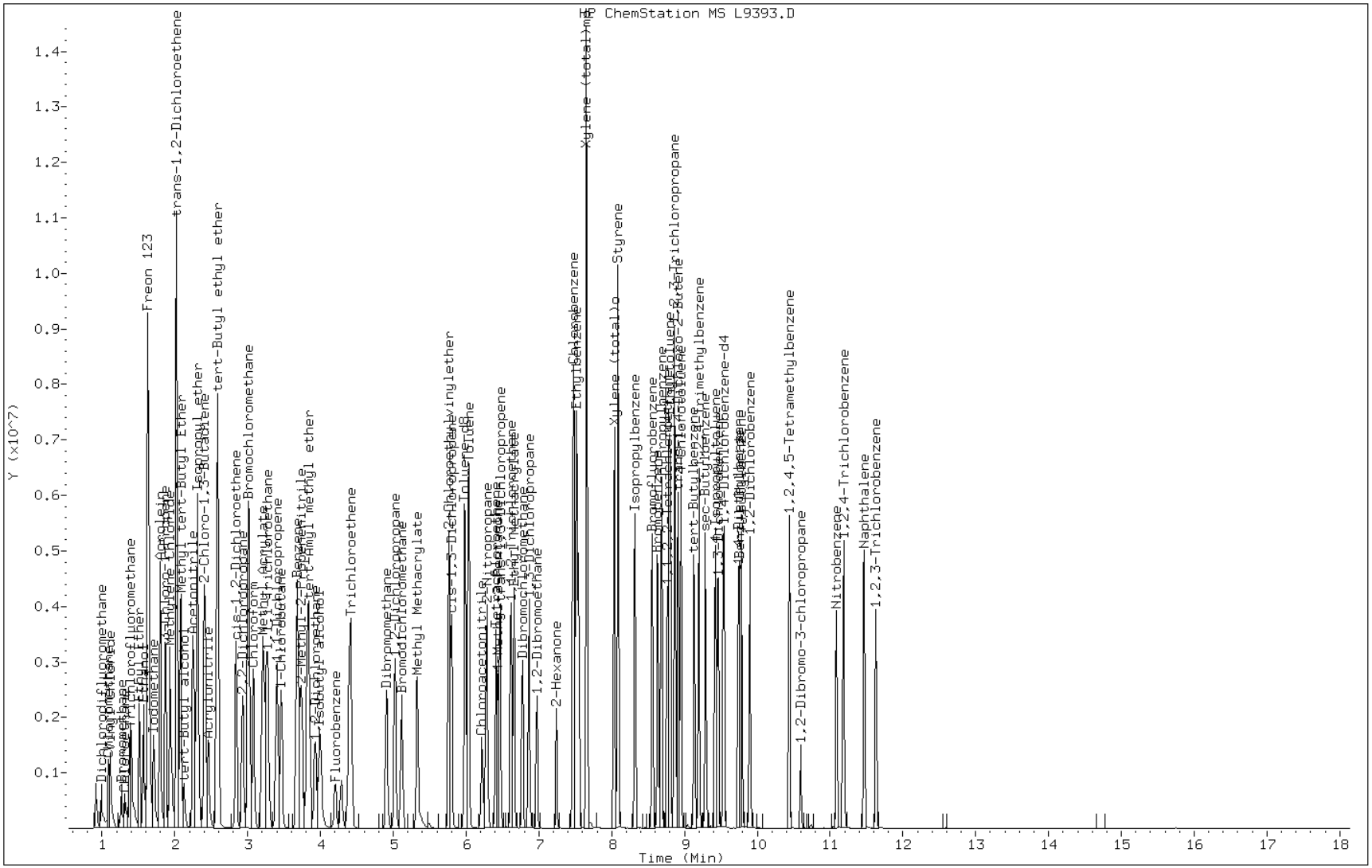
M - Compound response manually integrated.

Data File: L9393.D

Date: 02-MAY-2011 19:00

Client ID: IC;150 Instrument: msl.i

Sample Info: IC;150 Operator: E. LYNCH



Manual Integration Report

Data File: L9393.D
Inj. Date and Time: 02-MAY-2011 19:00
Instrument ID: msl.i
Client ID: IC;150
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/11/2011

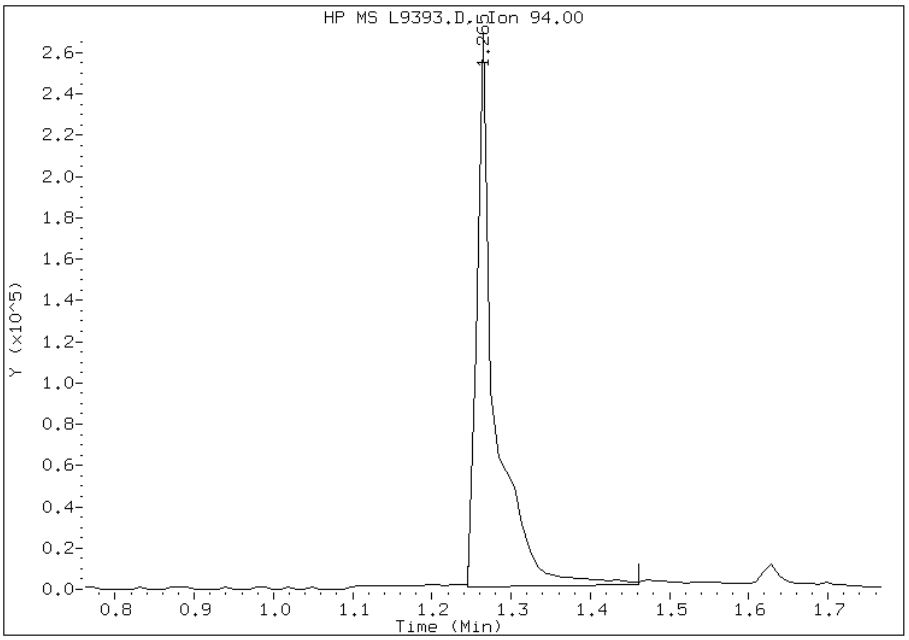
Processing Integration Results

RT: 1.26

Response: 440754

Amount: 101

Conc: 101



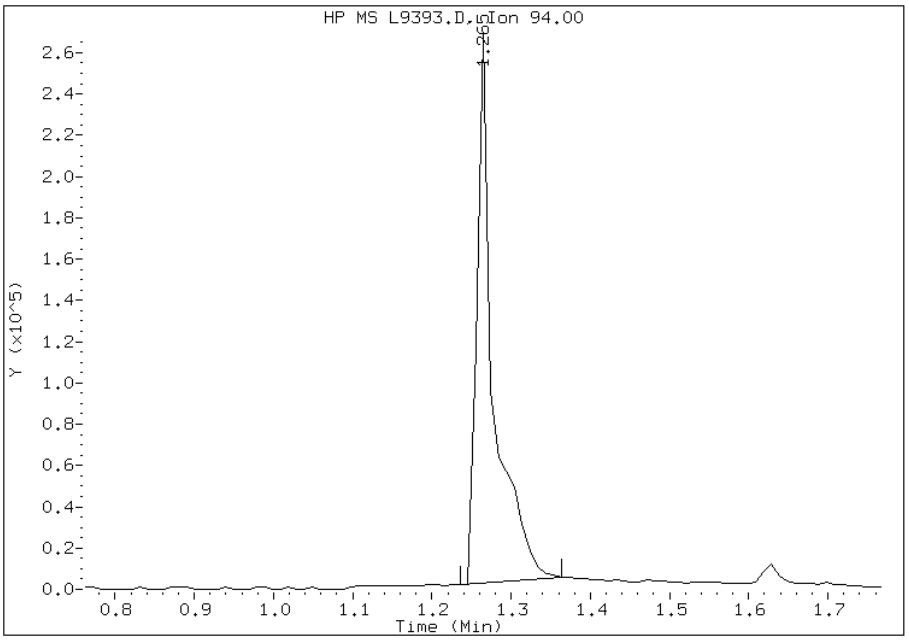
Manual Integration Results

RT: 1.26

Response: 403148

Amount: 151

Conc: 151



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9393.D
Inj. Date and Time: 02-MAY-2011 19:00
Instrument ID: msl.i
Client ID: IC;150
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/11/2011

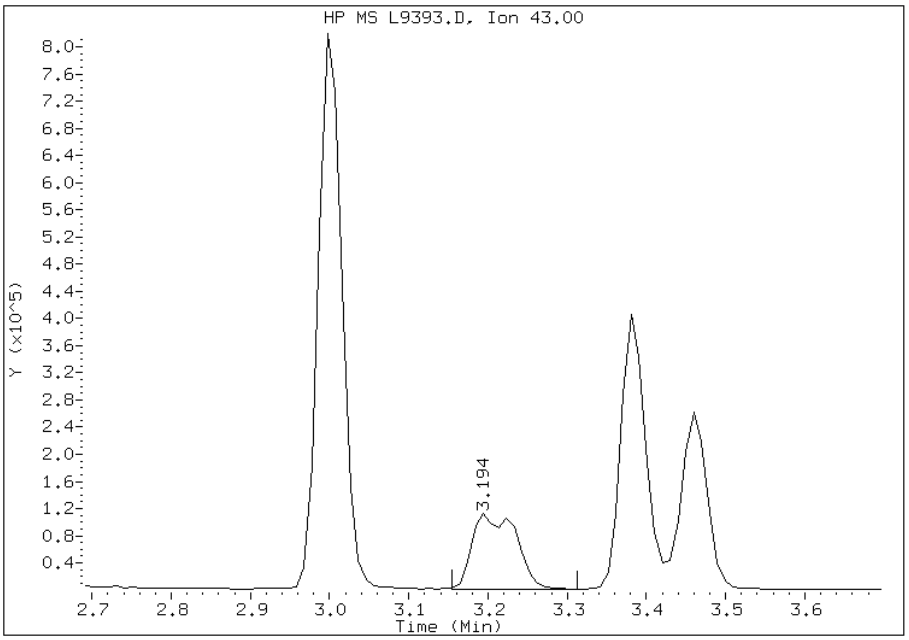
Processing Integration Results

RT: 3.19

Response: 433745

Amount: 345

Conc: 345



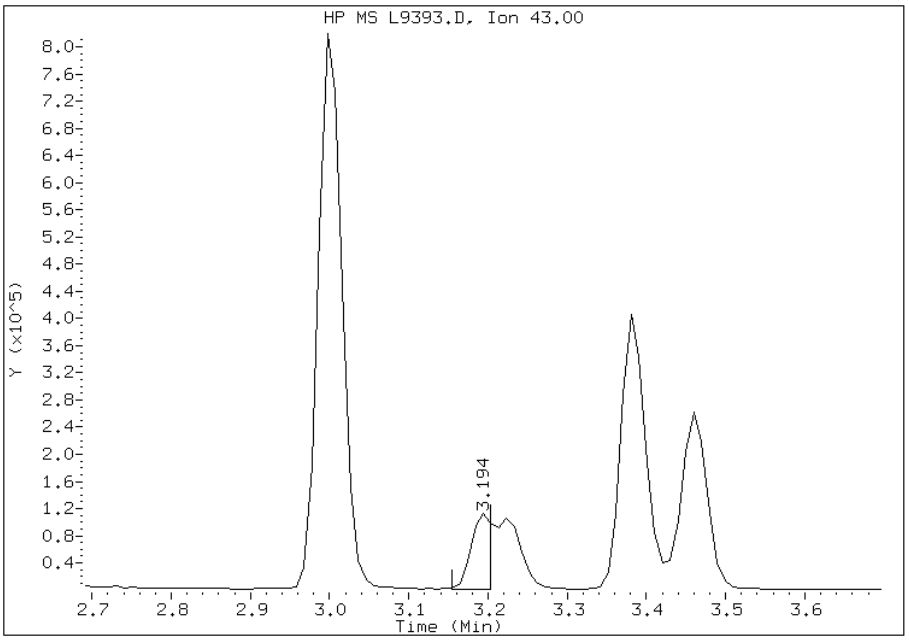
Manual Integration Results

RT: 3.19

Response: 209521

Amount: 294

Conc: 294



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9393.D
Inj. Date and Time: 02-MAY-2011 19:00
Instrument ID: msl.i
Client ID: IC;150
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/11/2011

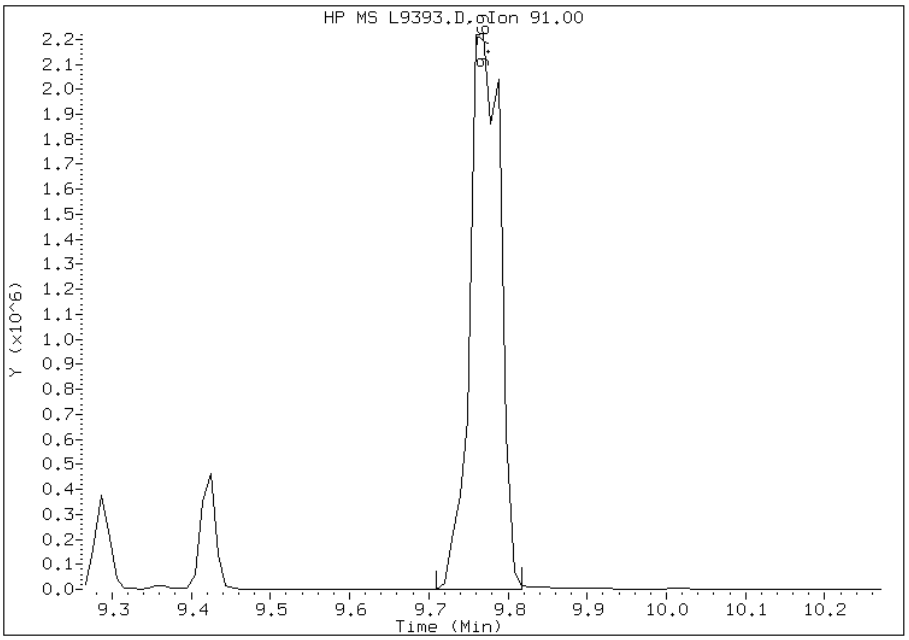
Processing Integration Results

RT: 9.77

Response: 6093636

Amount: 164

Conc: 164



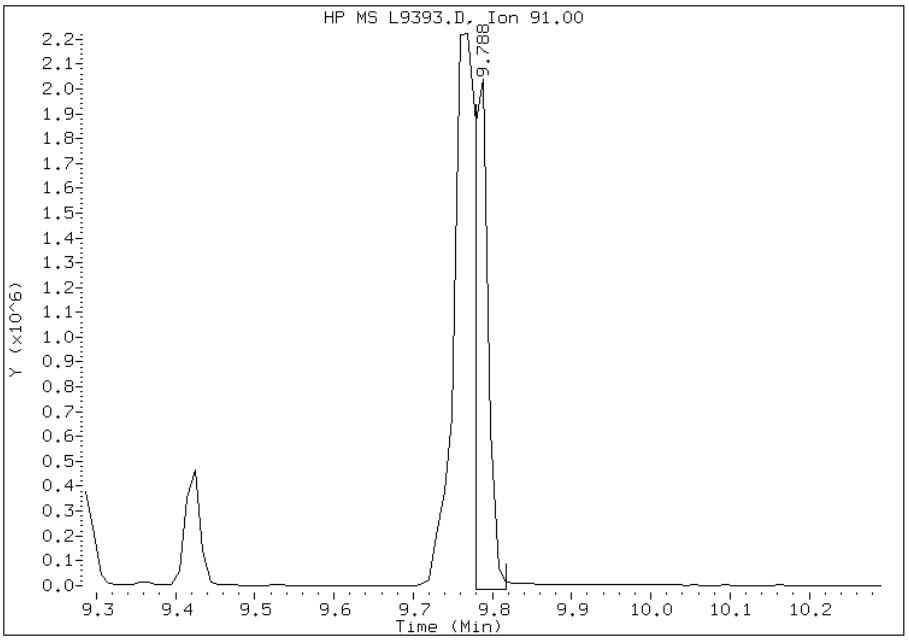
Manual Integration Results

RT: 9.79

Response: 2768197

Amount: 91

Conc: 91



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9393.D
Inj. Date and Time: 02-MAY-2011 19:00
Instrument ID: msl.i
Client ID: IC;150
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 05/11/2011

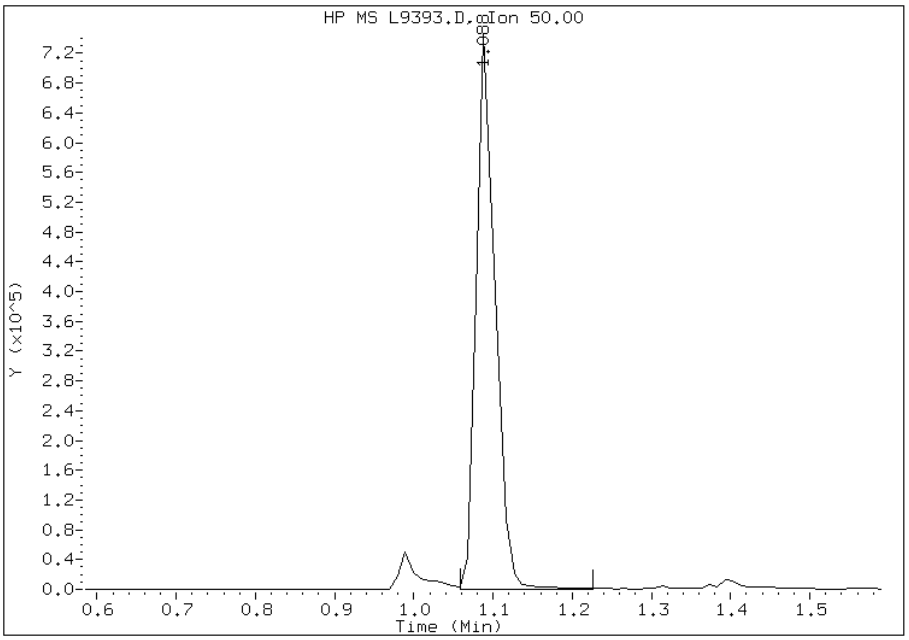
Processing Integration Results

RT: 1.09

Response: 1276654

Amount: 175

Conc: 175



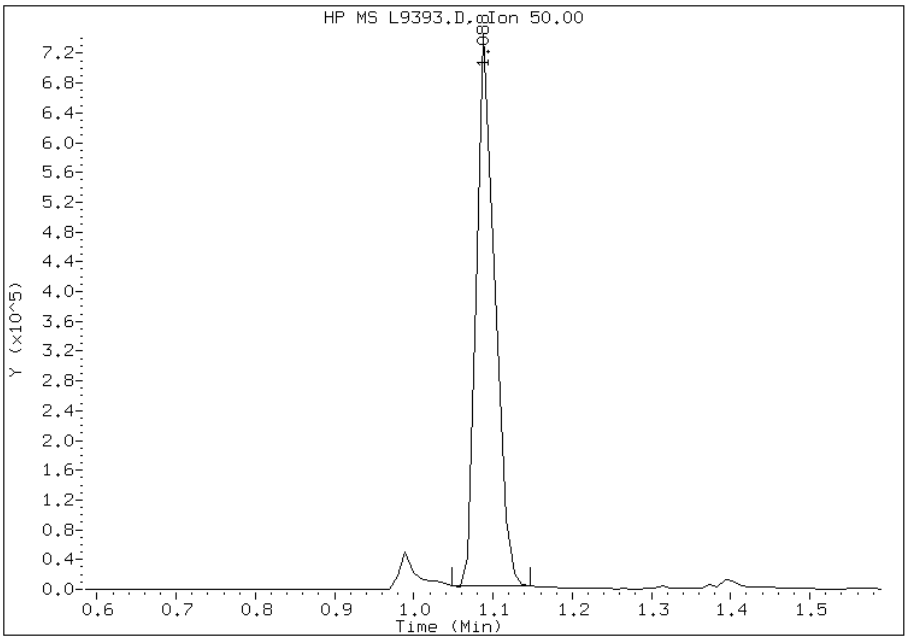
Manual Integration Results

RT: 1.09

Response: 1239641

Amount: 181

Conc: 181



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9393.D
Inj. Date and Time: 02-MAY-2011 19:00
Instrument ID: msl.i
Client ID: IC;150
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/11/2011

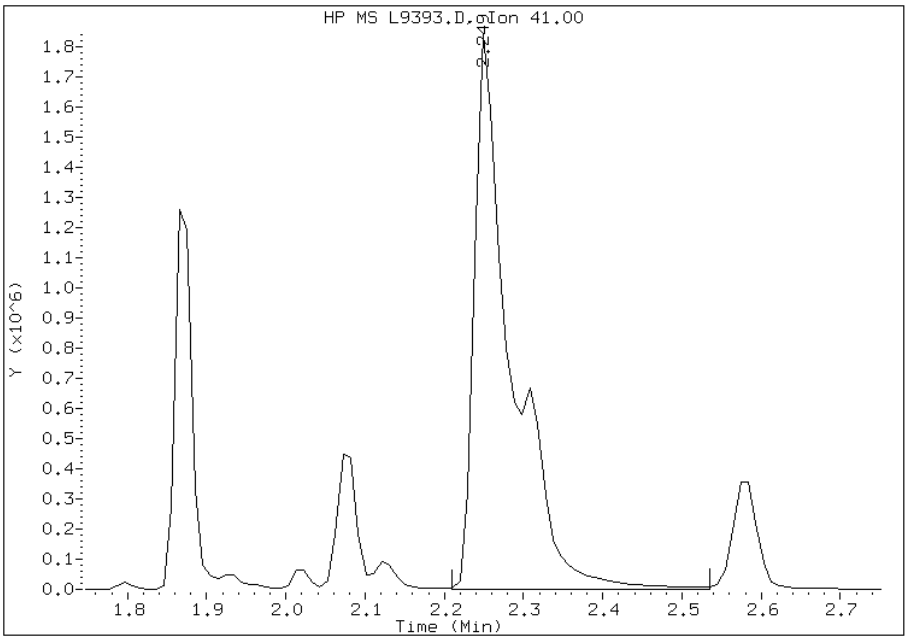
Processing Integration Results

RT: 2.25

Response: 6085379

Amount: 1680

Conc: 1680



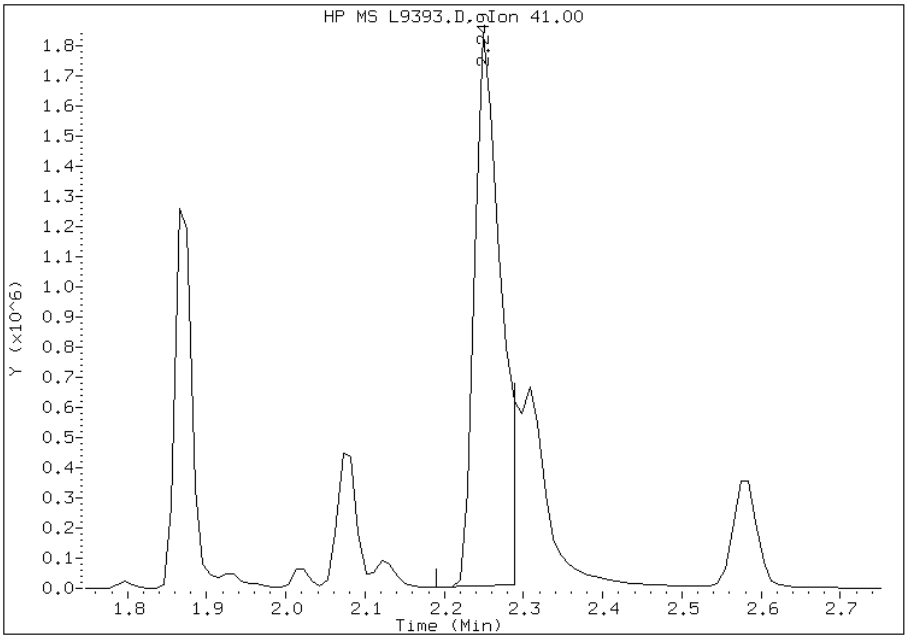
Manual Integration Results

RT: 2.25

Response: 4400050

Amount: 1527

Conc: 1527



Manually Integrated By: eon
Manual Integration Reason:

Manual Integration Report

Data File: L9393.D
Inj. Date and Time: 02-MAY-2011 19:00
Instrument ID: msl.i
Client ID: IC;150
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/11/2011

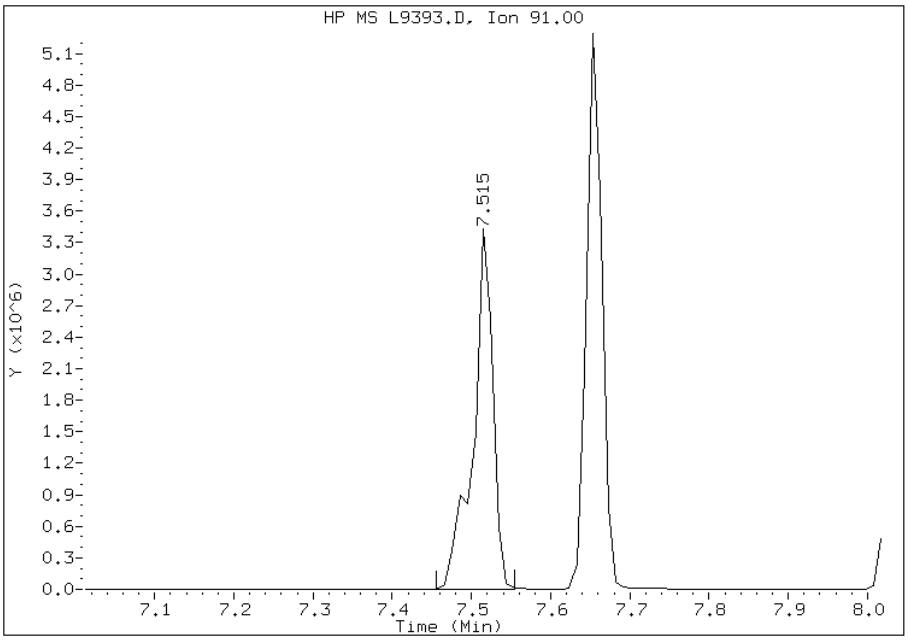
Processing Integration Results

RT: 7.51

Response: 6051531

Amount: 209

Conc: 209



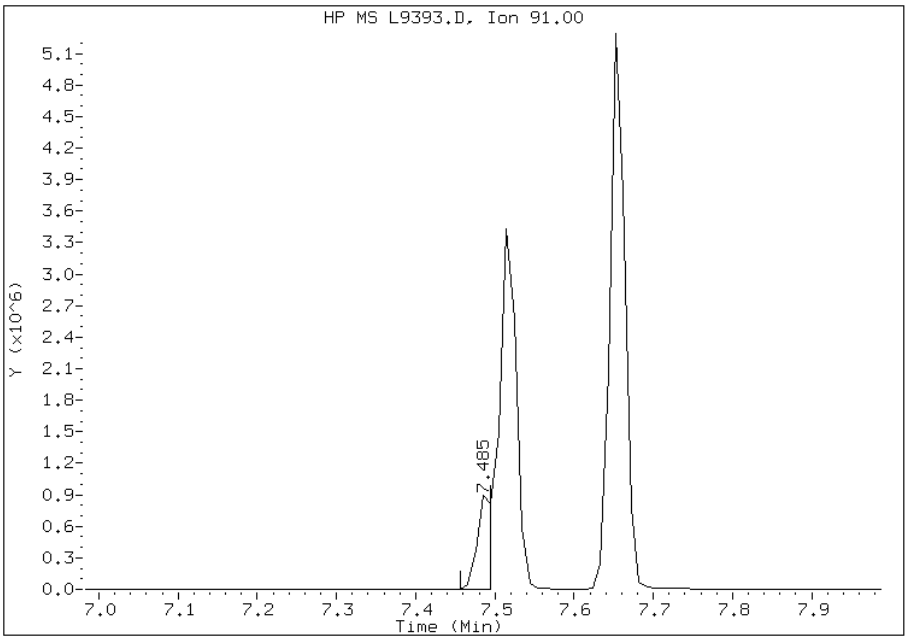
Manual Integration Results

RT: 7.49

Response: 1245548

Amount: 155

Conc: 155



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9393.D
Inj. Date and Time: 02-MAY-2011 19:00
Instrument ID: msl.i
Client ID: IC;150
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/11/2011

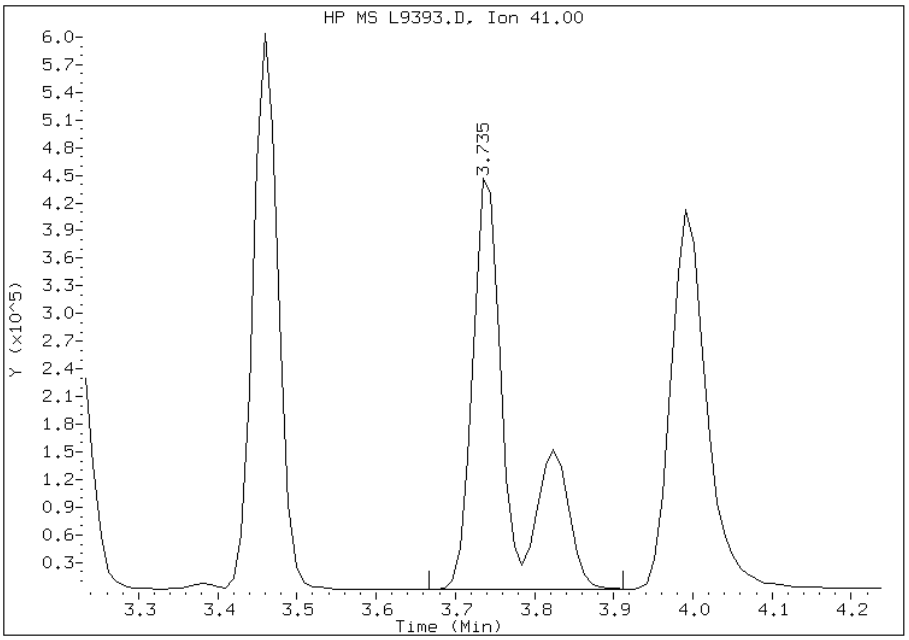
Processing Integration Results

RT: 3.74

Response: 1505459

Amount: 238

Conc: 238



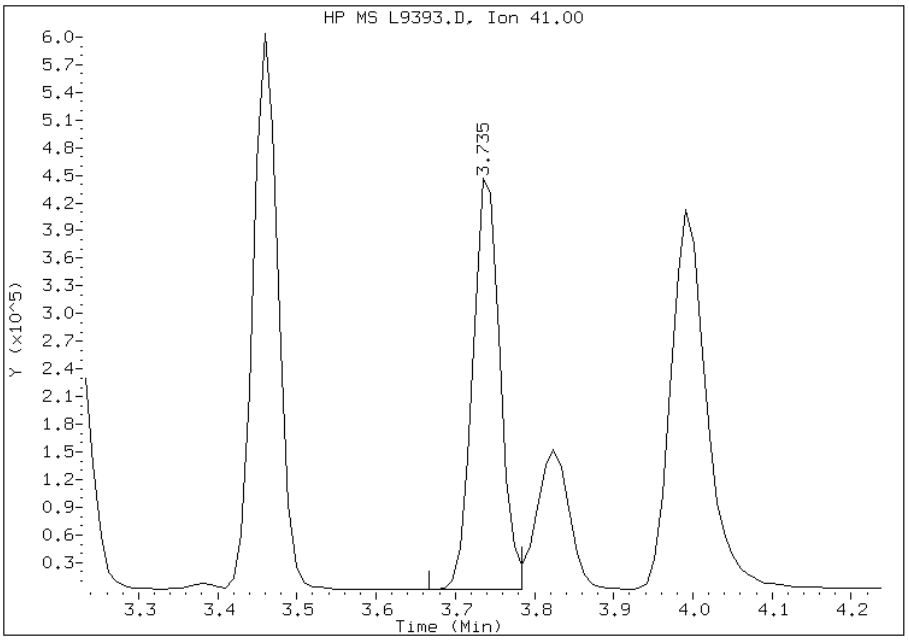
Manual Integration Results

RT: 3.74

Response: 1090622

Amount: 160

Conc: 160



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9393.D
Inj. Date and Time: 02-MAY-2011 19:00
Instrument ID: msl.i
Client ID: IC;150
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/11/2011

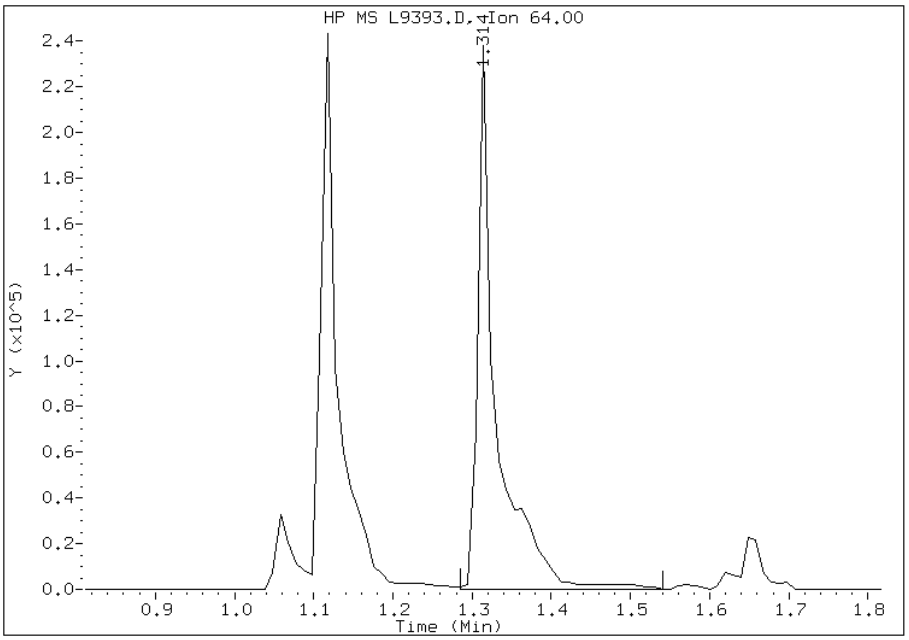
Processing Integration Results

RT: 1.31

Response: 398865

Amount: 120

Conc: 120



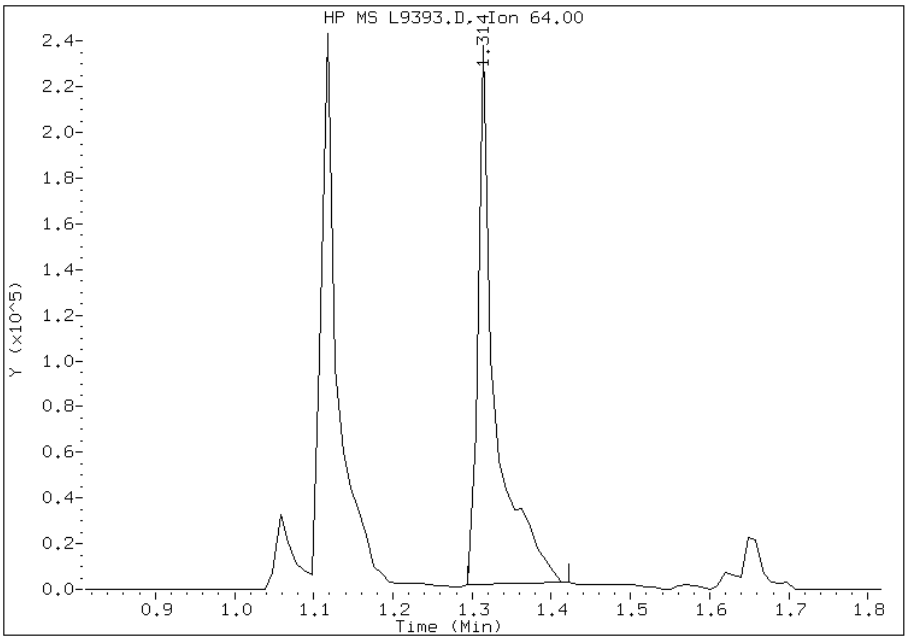
Manual Integration Results

RT: 1.31

Response: 363459

Amount: 140

Conc: 140



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119390.b\L9394.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 02-MAY-2011 19:25 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;100
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119390.b\L8260BNW.m
Meth Date : 02-May-2011 22:01 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 19:25 Cal File: L9394.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.203	4.202	(1.000)	1053940	25.0000	
2	Dichlorodifluoromethane	85	0.984	0.993	(0.234)	457979	100.000	95
3	Chloromethane	50	1.093	1.092	(0.260)	782543	100.000	110(M)
4	Vinyl Chloride	62	1.112	1.111	(0.265)	683266	100.000	110
5	Bromomethane	94	1.260	1.269	(0.300)	317112	100.000	110(M)
6	Chloroethane	64	1.319	1.318	(0.314)	281031	100.000	100(M)
7	Trichlorofluoromethane	101	1.378	1.387	(0.328)	866083	100.000	98
8	Dichlorofluoromethane	67	1.398	1.407	(0.333)	959409	100.000	100
9	Ethyl Ether	45	1.516	1.515	(0.361)	415259	100.000	98
10	Ethanol	45	1.565	1.574	(0.372)	375832	1000.00	1000
12	Freon 123	67	1.634	1.633	(0.389)	186520	100.000	100(M)
13	Trichlorotrifluoroethane	101	1.634	1.643	(0.389)	673081	100.000	110
14	1,1-Dichloroethene	96	1.624	1.633	(0.386)	621247	100.000	110
15	Carbon Disulfide	76	1.654	1.653	(0.394)	2320605	100.000	99
16	Iodomethane	142	1.713	1.712	(0.408)	975340	100.000	97
17	Acrolein	56	1.801	1.800	(0.429)	2257072	500.000	510
19	3-Chloro-1-Propene	41	1.870	1.869	(0.445)	1260408	100.000	110
20	Methylene Chloride	84	1.929	1.938	(0.459)	883107	100.000	92
21	Acetone	43	1.959	1.958	(0.466)	328541	100.000	92
22	trans-1,2-Dichloroethene	96	2.028	2.027	(0.482)	814769	100.000	110
23	Methyl Acetate	43	2.018	2.017	(0.480)	4812576	100.000	99
24	Methyl tert-Butyl Ether	73	2.077	2.076	(0.494)	2407268	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.126	2.125	(0.506)	623370	500.000	500
	26 Acetonitrile	41	2.254	2.253	(0.536)	3088154	1000.00	1000(M)
	27 Isopropyl ether	45	2.313	2.312	(0.550)	3083510	100.000	100
	28 tert-Butyl ethyl ether	59	2.579	2.578	(0.614)	2625309	100.000	100
	29 2-Chloro-1,3-Butadiene	88	2.402	2.411	(0.571)	719285	100.000	97
	30 Acrylonitrile	53	2.461	2.460	(0.586)	857434	200.000	200
	31 1,1-Dichloroethane	63	2.421	2.420	(0.576)	1358502	100.000	100
	32 Vinyl Acetate	43	2.589	2.598	(0.616)	5003674	100.000	100
	33 cis-1,2-Dichloroethene	96	2.835	2.844	(0.674)	981242	100.000	100
	34 2,2-Dichloropropane	77	2.933	2.932	(0.698)	1003013	100.000	100
	35 Bromochloromethane	128	3.012	3.021	(0.717)	476701	100.000	100
	37 Cyclohexane	84	3.012	3.021	(0.717)	744976	100.000	96
	38 Chloroform	83	3.081	3.080	(0.733)	1455577	100.000	100
	39 Ethyl Acetate	43	3.199	3.198	(0.761)	155581	200.000	200(M)
	40 Methyl Acrylate	55	3.199	3.208	(0.761)	961060	100.000	100
$	41 Dibromofluoromethane	111	3.258	3.257	(0.775)	828237	100.000	99
	42 Tetrahydrofuran	42	3.228	3.228	(0.768)	751575	200.000	200
	43 Carbon Tetrachloride	117	3.209	3.208	(0.763)	796285	100.000	110
	44 1,1,1-Trichloroethane	97	3.278	3.287	(0.780)	1107126	100.000	97
	45 2-Butanone	43	3.386	3.395	(0.806)	570098	100.000	100
	46 1,1-Dichloropropene	75	3.406	3.405	(0.810)	996440	100.000	98
	47 tert-Amyl methyl ether	73	3.829	3.828	(0.911)	2513401	100.000	100
	49 1-Chlorobutane	56	3.465	3.464	(0.824)	1382150	100.000	110
	51 Propionitrile	54	3.720	3.720	(0.885)	1599691	1000.00	1000
	52 Benzene	78	3.681	3.680	(0.876)	3141539	100.000	100
	53 2-Methyl-2-Propenenitrile	41	3.740	3.739	(0.890)	735177	100.000	100(M)
	54 Isobutyl alcohol	42	3.986	3.995	(0.948)	793450	1000.00	1000
$	55 1,2-Dichloroethane-d4	65	3.839	3.848	(0.913)	744077	100.000	100
	56 1,2-Dichloroethane	62	3.927	3.926	(0.934)	996506	100.000	100
	59 Methyl Cyclohexane	83	4.390	4.399	(1.044)	705959	100.000	110
	60 Trichloroethene	130	4.419	4.419	(1.052)	790137	100.000	98
	63 Dibromomethane	93	4.911	4.911	(1.169)	711089	100.000	100
	64 1,2-Dichloropropane	63	5.020	5.029	(1.194)	875432	100.000	100
	65 Bromodichloromethane	83	5.118	5.117	(1.218)	1155388	100.000	100
	66 Methyl Methacrylate	69	5.325	5.324	(1.267)	732102	100.000	100
	67 1,4-Dioxane	58	5.344	5.354	(1.272)	201095	1000.00	1100
	69 2-Chloroethylvinylether	63	5.768	5.767	(1.372)	1521470	100.000	100
	70 cis-1,3-Dichloropropene	75	5.797	5.796	(1.379)	1417578	100.000	100
	71 Chloroacetonitrile	48	6.211	6.220	(1.478)	455258	1000.00	1000
	72 2-Nitropropane	41	6.270	6.269	(1.492)	556548	200.000	210
	73 trans-1,3-Dichloropropene	75	6.467	6.466	(1.539)	1291399	100.000	100
	74 1,1,2-Trichloroethane	97	6.614	6.613	(1.574)	864528	100.000	100
*	75 Chlorobenzene-d5	117	7.461	7.460	(1.000)	744565	25.0000	
	76 Toluene	91	6.033	6.033	(0.809)	3196442	100.000	100
$	77 Toluene-d8	98	5.984	5.983	(0.802)	2677256	100.000	99
	78 1,1-Dichloro-2-propanone	43	6.280	6.279	(0.842)	3111187	500.000	500
	79 4-Methyl-2-Pentanone	43	6.437	6.436	(0.863)	1152973	100.000	100
	80 Tetrachloroethene	164	6.407	6.407	(0.859)	532075	100.000	96
	81 Ethyl Methacrylate	69	6.654	6.663	(0.892)	1286060	100.000	100
	82 Dibromochloromethane	129	6.772	6.771	(0.908)	947245	100.000	100
	83 1,3-Dichloropropane	76	6.860	6.869	(0.920)	1378810	100.000	97
	84 1,2-Dibromoethane	107	6.968	6.968	(0.934)	1011095	100.000	100
	86 2-Hexanone	43	7.244	7.243	(0.971)	813266	100.000	97
	87 1-Chlorohexane	91	7.500	7.499	(1.005)	1044177	100.000	120(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
88	Chlorobenzene	112	7.470	7.470	(1.001)	2064378	100.000	100
89	1,1,1,2-Tetrachloroethane	131	7.539	7.539	(1.011)	756447	100.000	100
90	Ethylbenzene	106	7.520	7.519	(1.008)	969216	100.000	110
91	Xylene (total)mp	106	7.657	7.657	(1.026)	2360748	200.000	210
92	Xylene (total)o	106	8.031	8.031	(1.077)	1173307	100.000	100
93	Styrene	104	8.081	8.080	(1.083)	2119280	100.000	100
94	Bromoform	173	8.091	8.090	(1.084)	741529	100.000	100
* 95	1,4-Dichlorobenzene-d4	152	9.528	9.527	(1.000)	323386	25.0000	
96	Isopropylbenzene	105	8.317	8.316	(0.873)	2260669	100.000	100
97	Bromobenzene	156	8.632	8.631	(0.906)	882998	100.000	100
98	1,1,2,2-Tetrachloroethane	83	8.760	8.759	(0.919)	1288444	100.000	97
99	4-Ethyltoluene	105	8.789	8.789	(0.923)	2323707	100.000	100
100	1,2,3-Trichloropropane	110	8.858	8.857	(0.930)	332394	100.000	96
101	trans-1,4-Dichloro-2-Butene	53	8.907	8.907	(0.935)	620570	200.000	200
102	n-Propylbenzene	91	8.681	8.680	(0.911)	2854781	100.000	100
103	2-Chlorotoluene	91	8.799	8.798	(0.924)	2208294	100.000	100
104	4-Chlorotoluene	91	8.947	8.946	(0.939)	2122388	100.000	100
105	1,3,5-Trimethylbenzene	105	8.868	8.867	(0.931)	1865527	100.000	100
106	tert-Butylbenzene	119	9.134	9.133	(0.959)	1367386	100.000	100
107	1,2,4-Trimethylbenzene	105	9.193	9.202	(0.965)	1942418	100.000	100
108	sec-Butylbenzene	105	9.291	9.291	(0.975)	2196980	100.000	100
109	4-Isopropyltoluene	119	9.419	9.419	(0.989)	1686095	100.000	100
110	1,3-Dichlorobenzene	146	9.459	9.458	(0.993)	1237501	100.000	100
111	1,4-Dichlorobenzene	146	9.537	9.537	(1.001)	1287568	100.000	100
112	1,2-Dichlorobenzene	146	9.902	9.901	(1.039)	1239179	100.000	99
113	Benzyl Chloride	126	9.764	9.763	(1.025)	427992	100.000	100
114	1,4-Diethylbenzene	119	9.734	9.733	(2.316)	866165	100.000	100
115	n-Butylbenzene	91	9.783	9.783	(1.027)	2191119	100.000	71(M)
118	1,2,4,5-Tetramethylbenzene	119	10.443	10.442	(2.485)	1566794	100.000	96
119	1,2-Dibromo-3-chloropropane	75	10.600	10.600	(1.113)	183783	100.000	98
120	Nitrobenzene	77	11.083	11.082	(1.163)	1083331	1000.00	1000
121	1,2,4-Trichlorobenzene	180	11.191	11.190	(1.175)	739470	100.000	94
122	Hexachlorobutadiene	225	11.181	11.180	(1.174)	253071	100.000	72
123	Naphthalene	128	11.467	11.466	(1.204)	2410590	100.000	94
124	1,2,3-Trichlorobenzene	180	11.634	11.633	(1.221)	723552	100.000	94
$ 125	Bromofluorobenzene	95	8.553	8.552	(0.898)	1140003	100.000	99
M 126	1,2-Dichloroethene (total)	100				1796011	200.000	210
M 127	Xylene (total)	100				3534055	300.000	320

QC Flag Legend

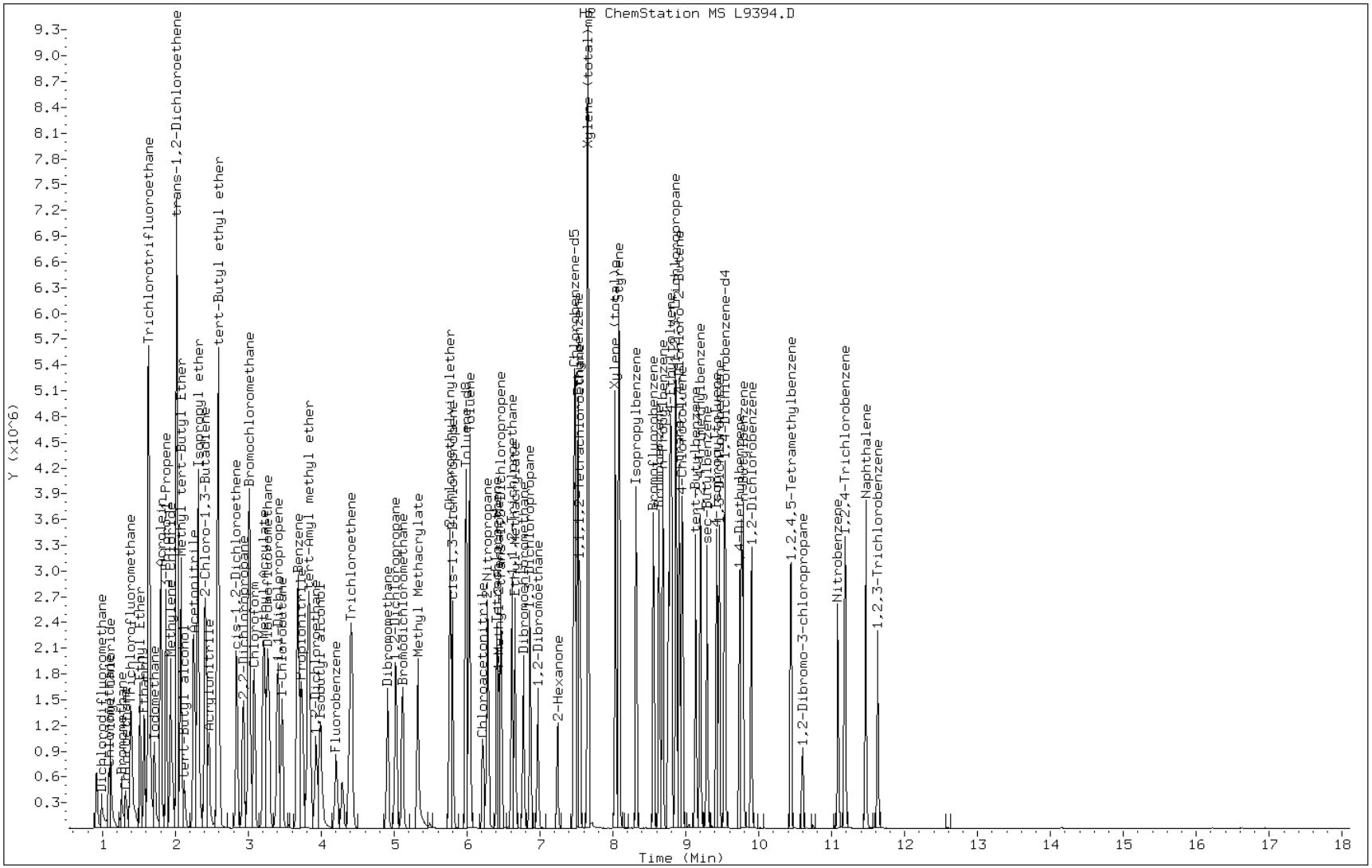
M - Compound response manually integrated.

Data File: L9394.D

Date: 02-MAY-2011 19:25

Client ID: IC;100 Instrument: msl.i

Sample Info: IC;100 Operator: E. LYNCH



Manual Integration Report

Data File: L9394.D
Inj. Date and Time: 02-MAY-2011 19:25
Instrument ID: msl.i
Client ID: IC;100
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/02/2011

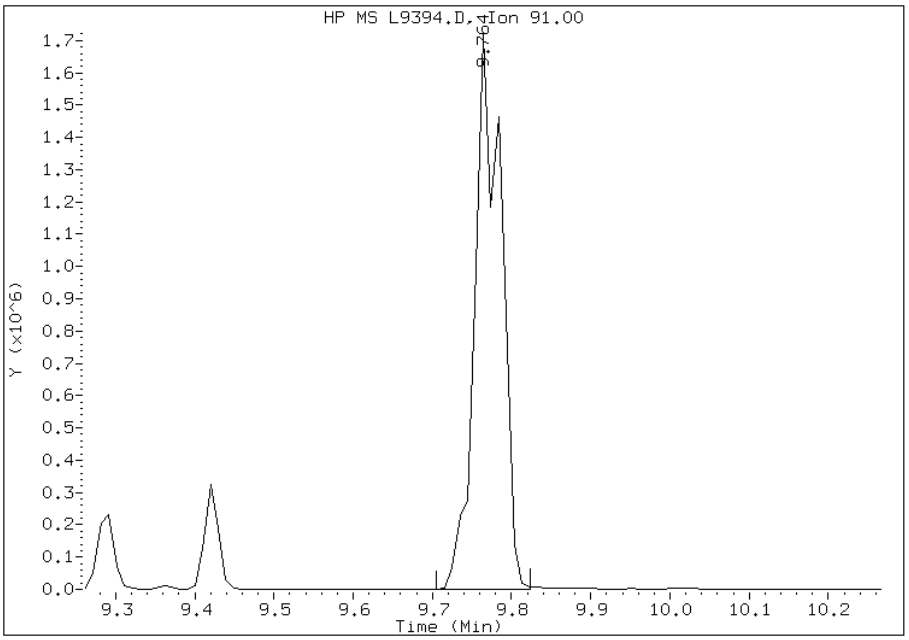
Processing Integration Results

RT: 9.76

Response: 4099880

Amount: 101

Conc: 101



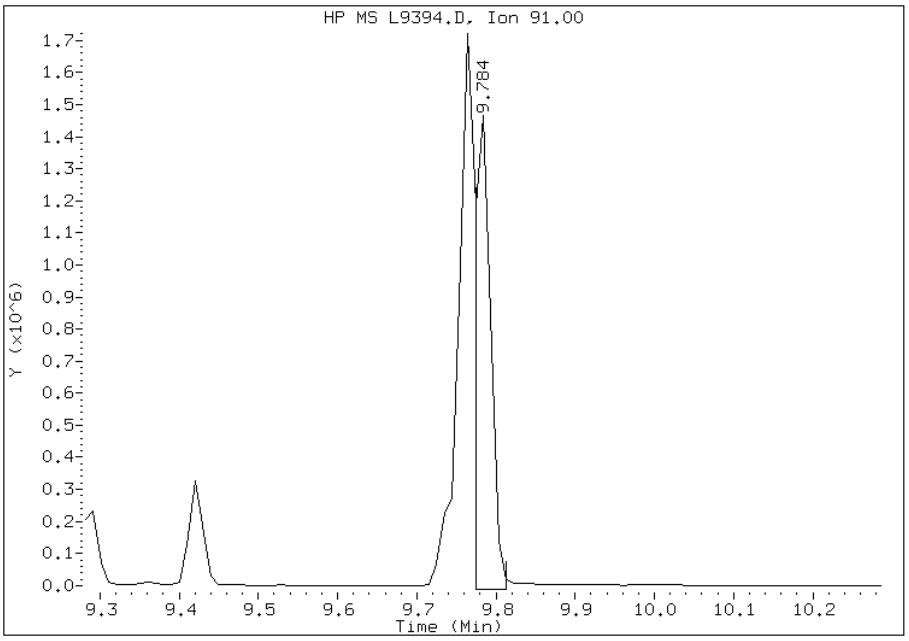
Manual Integration Results

RT: 9.78

Response: 2191119

Amount: 71

Conc: 71



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9394.D
Inj. Date and Time: 02-MAY-2011 19:25
Instrument ID: msl.i
Client ID: IC;100
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/02/2011

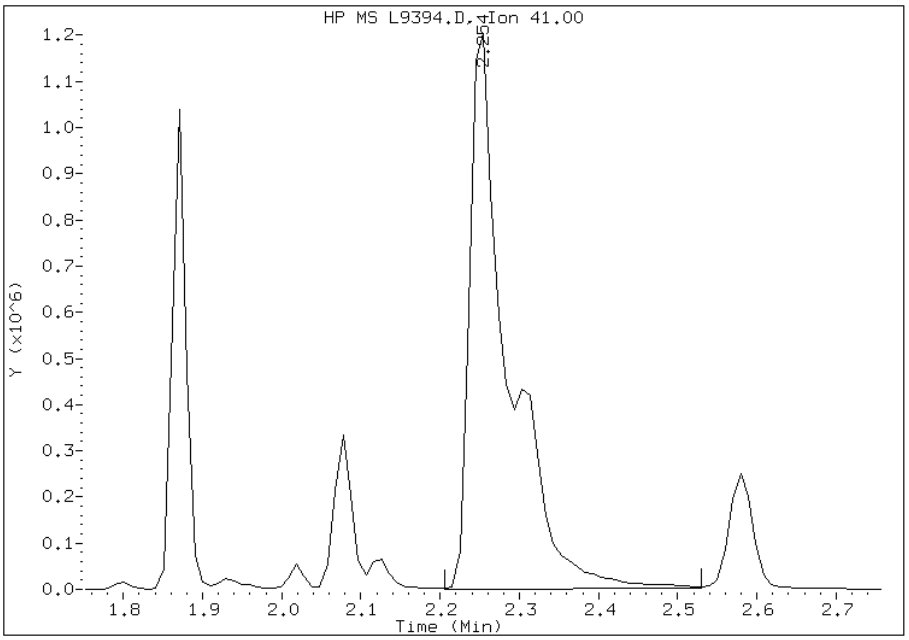
Processing Integration Results

RT: 2.25

Response: 4153738

Amount: 1067

Conc: 1067



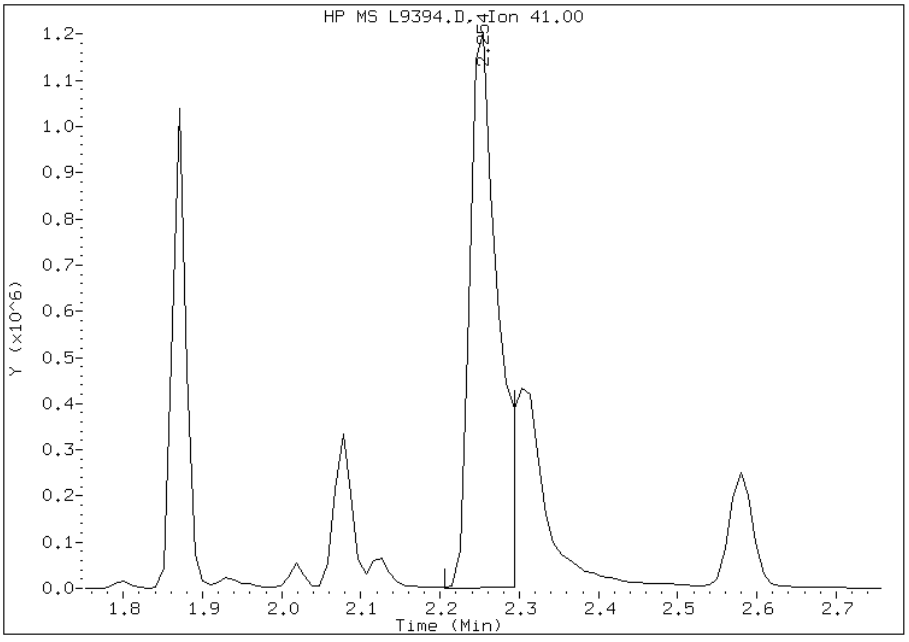
Manual Integration Results

RT: 2.25

Response: 3088154

Amount: 997

Conc: 997



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9394.D
Inj. Date and Time: 02-MAY-2011 19:25
Instrument ID: msl.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/02/2011

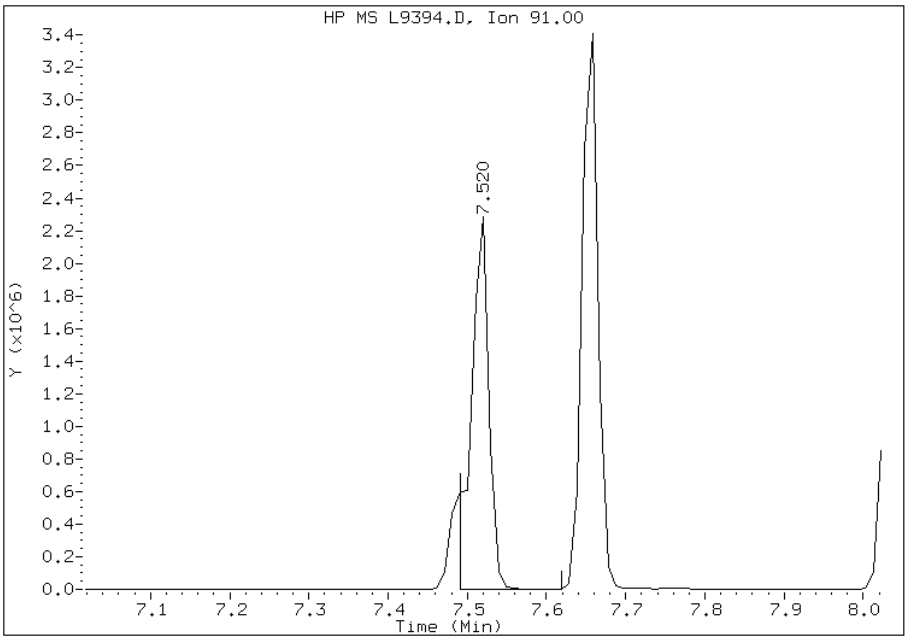
Processing Integration Results

RT: 7.52

Response: 3693024

Amount: 149

Conc: 149



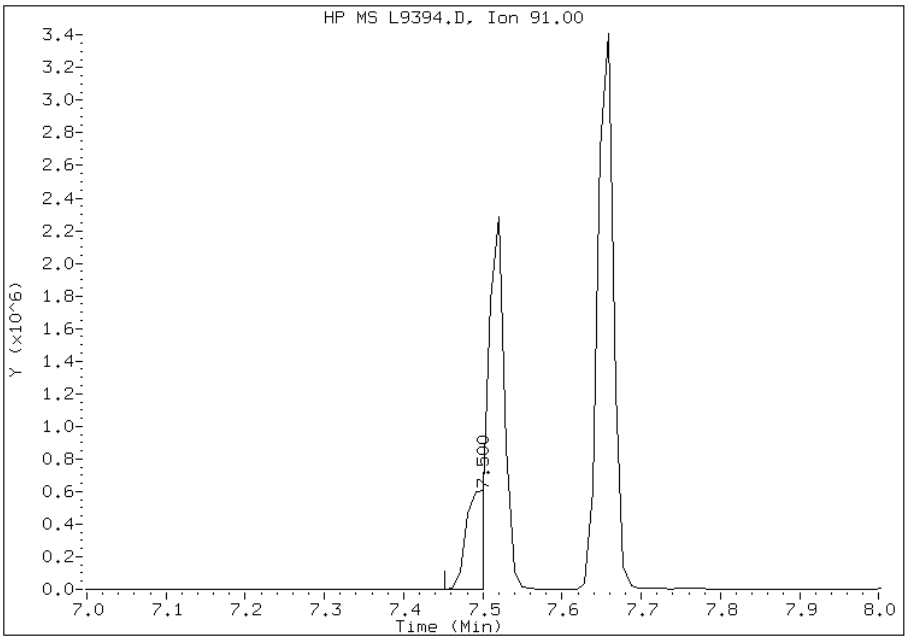
Manual Integration Results

RT: 7.50

Response: 1044177

Amount: 118

Conc: 118



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9394.D
Inj. Date and Time: 02-MAY-2011 19:25
Instrument ID: msl.i
Client ID: IC;100
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/02/2011

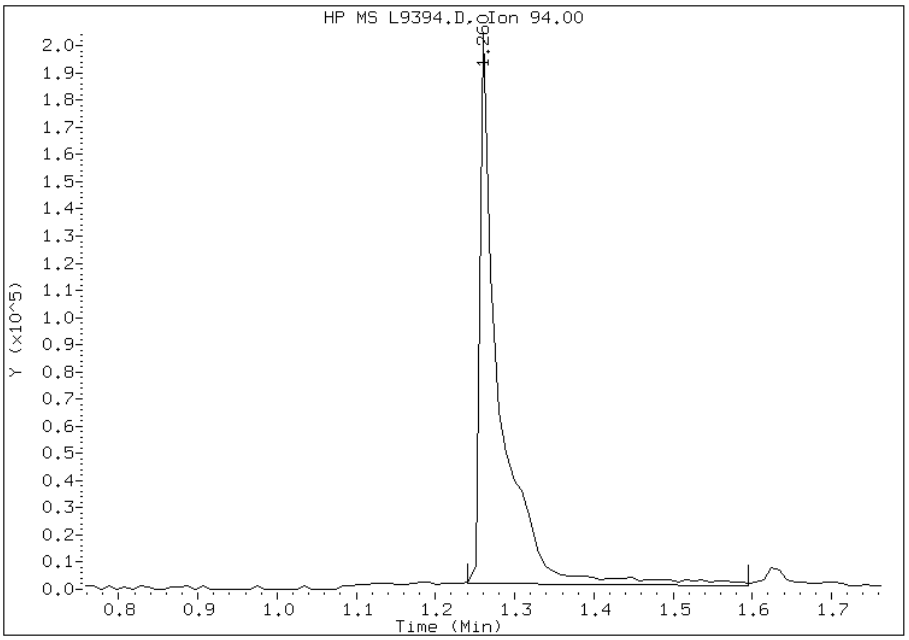
Processing Integration Results

RT: 1.26

Response: 356140

Amount: 76

Conc: 76



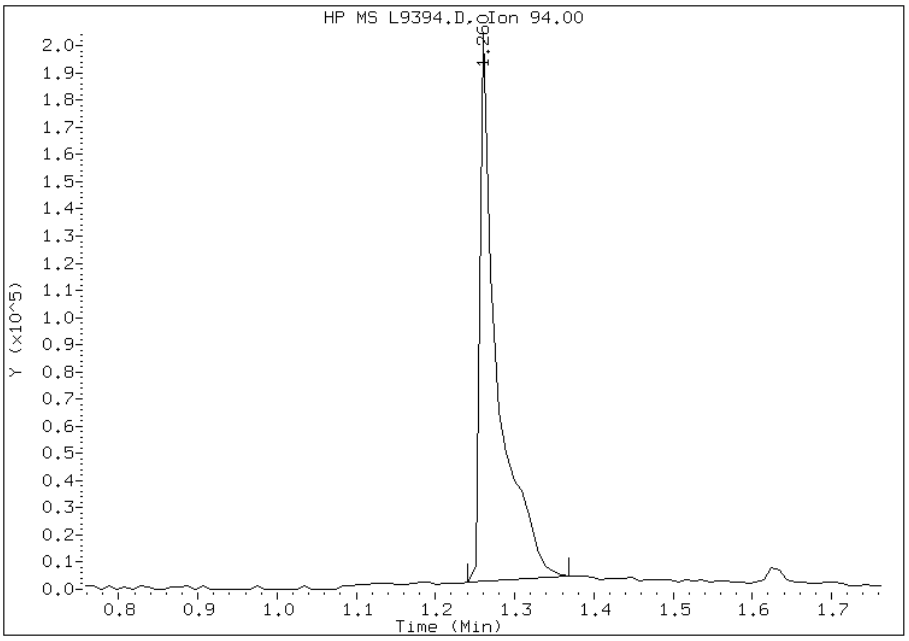
Manual Integration Results

RT: 1.26

Response: 317112

Amount: 107

Conc: 107



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9394.D
Inj. Date and Time: 02-MAY-2011 19:25
Instrument ID: msl.i
Client ID: IC;100
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/02/2011

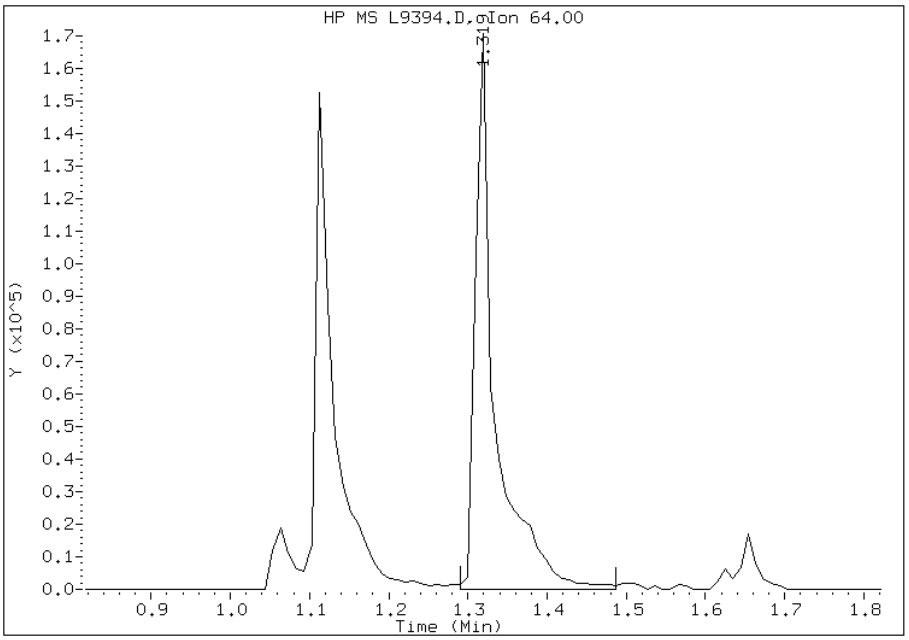
Processing Integration Results

RT: 1.32

Response: 304859

Amount: 86

Conc: 86



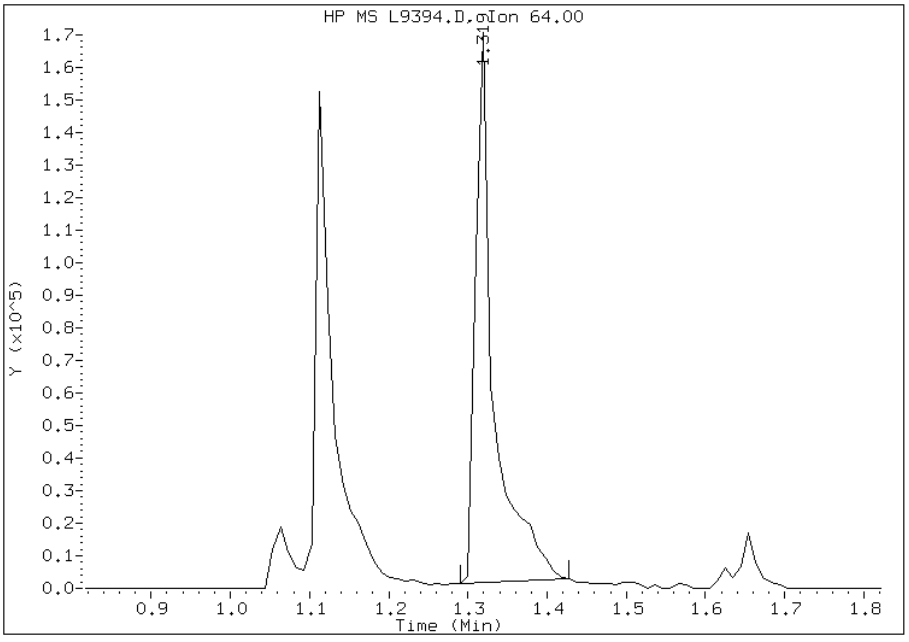
Manual Integration Results

RT: 1.32

Response: 281031

Amount: 101

Conc: 101



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9394.D
Inj. Date and Time: 02-MAY-2011 19:25
Instrument ID: msl.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/02/2011

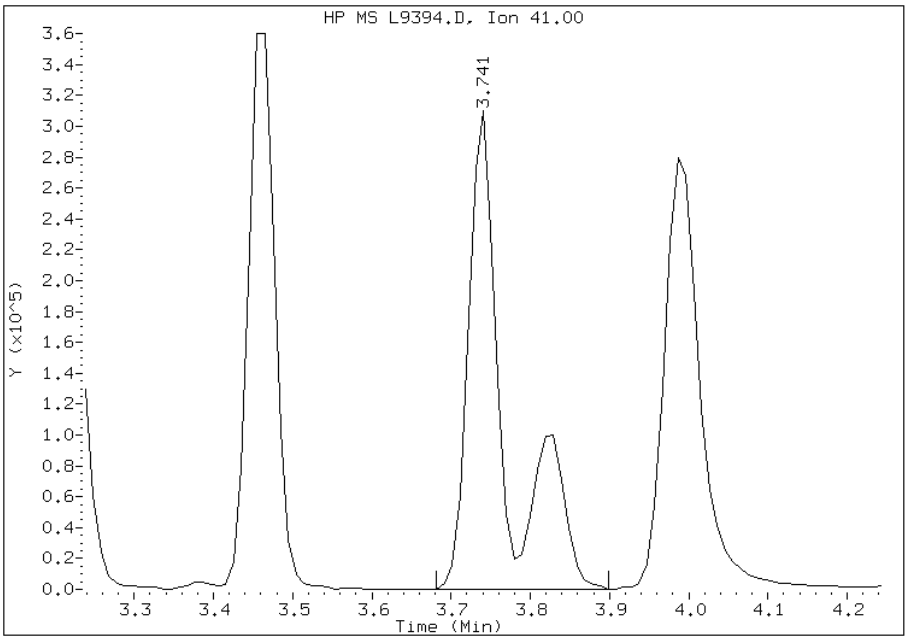
Processing Integration Results

RT: 3.74

Response: 1021846

Amount: 148

Conc: 148



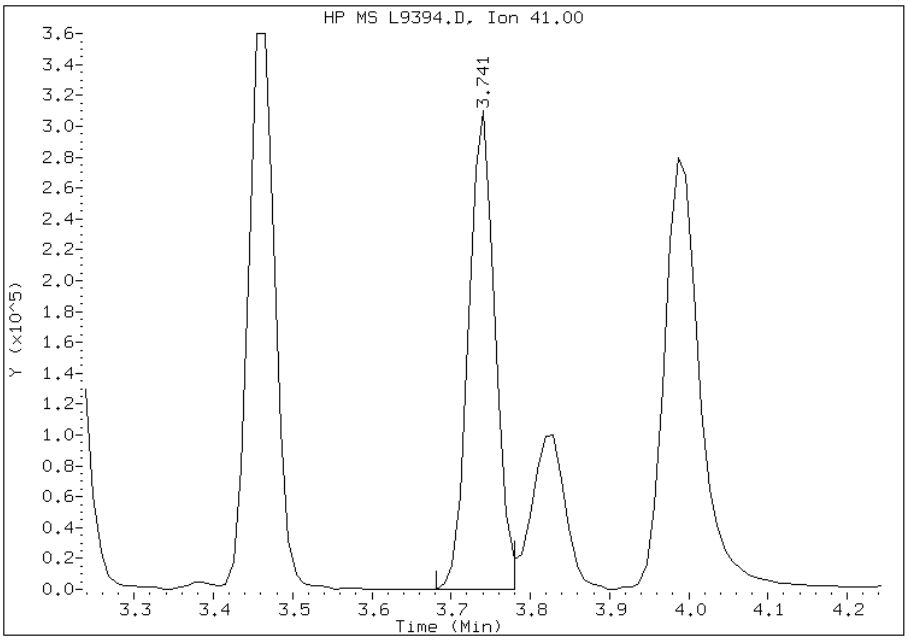
Manual Integration Results

RT: 3.74

Response: 735177

Amount: 101

Conc: 101



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9394.D
Inj. Date and Time: 02-MAY-2011 19:25
Instrument ID: msl.i
Client ID: IC;100
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/02/2011

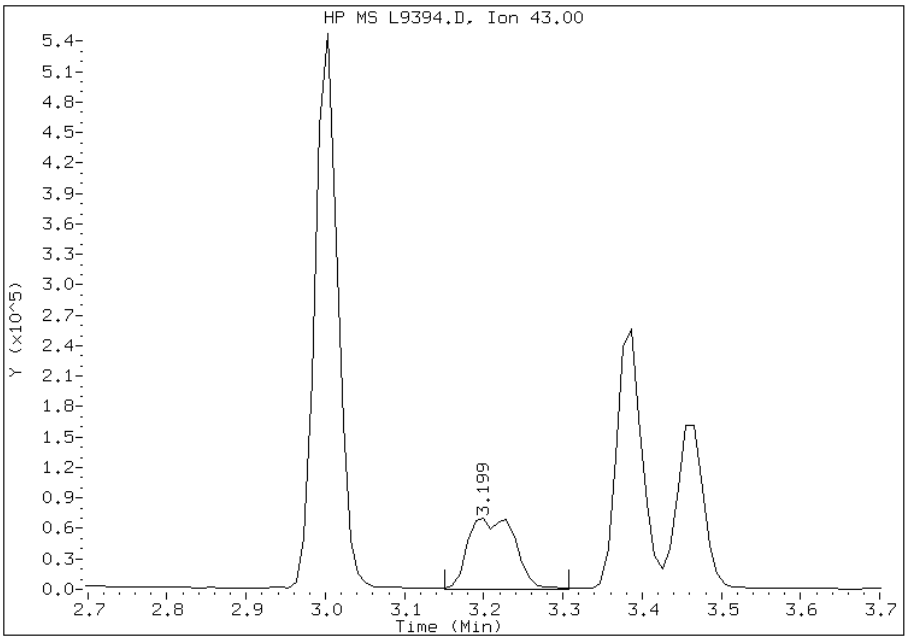
Processing Integration Results

RT: 3.20

Response: 294256

Amount: 218

Conc: 218



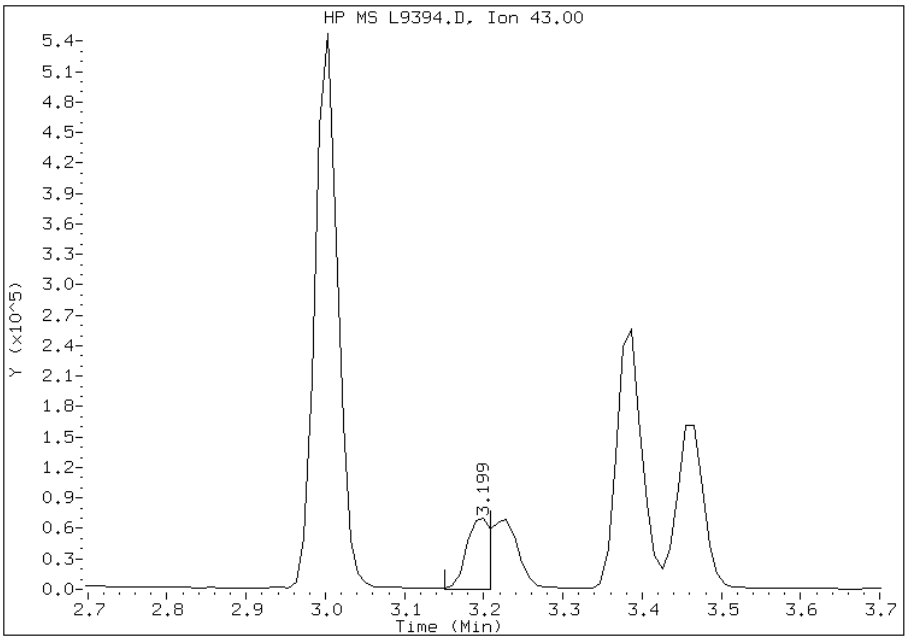
Manual Integration Results

RT: 3.20

Response: 155581

Amount: 203

Conc: 203



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9394.D
Inj. Date and Time: 02-MAY-2011 19:25
Instrument ID: msl.i
Client ID: IC;100
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 05/02/2011

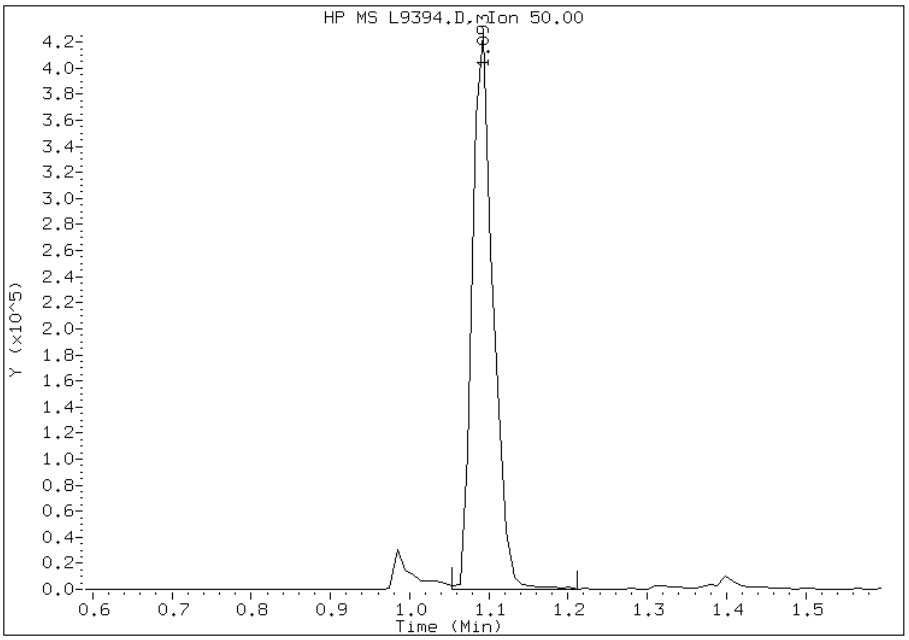
Processing Integration Results

RT: 1.09

Response: 806539

Amount: 103

Conc: 103



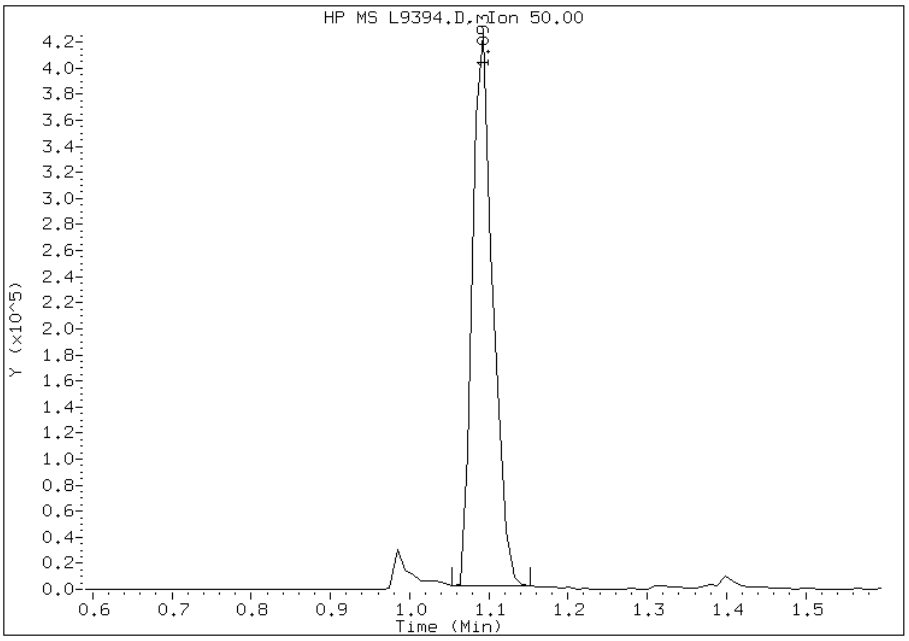
Manual Integration Results

RT: 1.09

Response: 782543

Amount: 106

Conc: 106



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119390.b\L9395.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 02-MAY-2011 19:49 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;50
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119390.b\L8260BNW.m
Meth Date : 02-May-2011 22:01 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 19:49 Cal File: L9395.D
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.208	4.202	(1.000)	1047130	25.0000	
2	Dichlorodifluoromethane	85	0.989	0.993	(0.235)	204624	50.0000	46
3	Chloromethane	50	1.088	1.092	(0.259)	359732	50.0000	49(M)
4	Vinyl Chloride	62	1.117	1.111	(0.266)	306325	50.0000	49
5	Bromomethane	94	1.265	1.269	(0.301)	176798	50.0000	56(M)
6	Chloroethane	64	1.324	1.318	(0.315)	159574	50.0000	58(M)
7	Trichlorofluoromethane	101	1.383	1.387	(0.329)	421709	50.0000	50
8	Dichlorofluoromethane	67	1.403	1.407	(0.333)	441537	50.0000	48
9	Ethyl Ether	45	1.511	1.515	(0.359)	215320	50.0000	51
10	Ethanol	45	1.570	1.574	(0.373)	190726	500.000	510(M)
12	Freon 123	67	1.629	1.633	(0.387)	70899	50.0000	42(M)
13	Trichlorotrifluoroethane	101	1.639	1.643	(0.390)	240103	50.0000	41
14	1,1-Dichloroethene	96	1.629	1.633	(0.387)	243329	50.0000	44
15	Carbon Disulfide	76	1.658	1.653	(0.394)	956495	50.0000	44
16	Iodomethane	142	1.708	1.712	(0.406)	430354	50.0000	46
17	Acrolein	56	1.796	1.800	(0.427)	1133931	250.000	260
19	3-Chloro-1-Propene	41	1.875	1.869	(0.446)	551231	50.0000	47
20	Methylene Chloride	84	1.934	1.938	(0.460)	443314	50.0000	47
21	Acetone	43	1.954	1.958	(0.464)	162083	50.0000	45
22	trans-1,2-Dichloroethene	96	2.023	2.027	(0.481)	361726	50.0000	48
23	Methyl Acetate	43	2.023	2.017	(0.481)	2459774	50.0000	51
24	Methyl tert-Butyl Ether	73	2.082	2.076	(0.495)	1198960	50.0000	50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.121	2.125	(0.504)	314147	250.000	250
	26 Acetonitrile	41	2.249	2.253	(0.535)	1617554	500.000	520(M)
	27 Isopropyl ether	45	2.308	2.312	(0.549)	1459847	50.0000	48
	28 tert-Butyl ethyl ether	59	2.574	2.578	(0.612)	1298716	50.0000	50
	29 2-Chloro-1,3-Butadiene	88	2.406	2.411	(0.572)	293901	50.0000	43
	30 Acrylonitrile	53	2.456	2.460	(0.584)	429562	100.000	100
	31 1,1-Dichloroethane	63	2.426	2.420	(0.577)	626502	50.0000	48
	32 Vinyl Acetate	43	2.593	2.598	(0.616)	2551232	50.0000	52
	33 cis-1,2-Dichloroethene	96	2.840	2.844	(0.675)	446395	50.0000	48
	34 2,2-Dichloropropane	77	2.928	2.932	(0.696)	426236	50.0000	44
	35 Bromochloromethane	128	3.017	3.021	(0.717)	241846	50.0000	51
	37 Cyclohexane	84	3.017	3.021	(0.717)	289545	50.0000	42
	38 Chloroform	83	3.076	3.080	(0.731)	677196	50.0000	48
	39 Ethyl Acetate	43	3.194	3.198	(0.759)	71672	100.000	94(M)
	40 Methyl Acrylate	55	3.204	3.208	(0.761)	491151	50.0000	51
$	41 Dibromofluoromethane	111	3.253	3.257	(0.773)	385545	50.0000	50
	42 Tetrahydrofuran	42	3.233	3.228	(0.768)	378586	100.000	100
	43 Carbon Tetrachloride	117	3.214	3.208	(0.764)	316928	50.0000	44
	44 1,1,1-Trichloroethane	97	3.282	3.287	(0.780)	455846	50.0000	43
	45 2-Butanone	43	3.381	3.395	(0.804)	288313	50.0000	52
	46 1,1-Dichloropropene	75	3.410	3.405	(0.811)	392943	50.0000	42
	47 tert-Amyl methyl ether	73	3.824	3.828	(0.909)	1248660	50.0000	50
	49 1-Chlorobutane	56	3.460	3.464	(0.822)	559758	50.0000	45
	51 Propionitrile	54	3.716	3.720	(0.883)	829532	500.000	520
	52 Benzene	78	3.676	3.680	(0.874)	1408982	50.0000	48
	53 2-Methyl-2-Propenenitrile	41	3.735	3.739	(0.888)	371455	50.0000	51(M)
	54 Isobutyl alcohol	42	3.991	3.995	(0.949)	408338	500.000	520
$	55 1,2-Dichloroethane-d4	65	3.843	3.848	(0.913)	354873	50.0000	50
	56 1,2-Dichloroethane	62	3.932	3.926	(0.935)	489760	50.0000	50
	59 Methyl Cyclohexane	83	4.395	4.399	(1.044)	291196	50.0000	45
	60 Trichloroethene	130	4.414	4.419	(1.049)	341807	50.0000	45
	63 Dibromomethane	93	4.906	4.911	(1.166)	352123	50.0000	50
	64 1,2-Dichloropropane	63	5.025	5.029	(1.194)	407925	50.0000	49
	65 Bromodichloromethane	83	5.113	5.117	(1.215)	544956	50.0000	50
	66 Methyl Methacrylate	69	5.330	5.324	(1.267)	367547	50.0000	52
	67 1,4-Dioxane	58	5.349	5.354	(1.271)	101443	500.000	540
	69 2-Chloroethylvinylether	63	5.763	5.767	(1.370)	774568	50.0000	51
	70 cis-1,3-Dichloropropene	75	5.802	5.796	(1.379)	686792	50.0000	50
	71 Chloroacetonitrile	48	6.216	6.220	(1.477)	234054	500.000	520
	72 2-Nitropropane	41	6.275	6.269	(1.491)	270710	100.000	100
	73 trans-1,3-Dichloropropene	75	6.471	6.466	(1.538)	630289	50.0000	50
	74 1,1,2-Trichloroethane	97	6.619	6.613	(1.573)	424439	50.0000	50
*	75 Chlorobenzene-d5	117	7.456	7.460	(1.000)	730512	25.0000	
	76 Toluene	91	6.038	6.033	(0.810)	1433243	50.0000	47
$	77 Toluene-d8	98	5.979	5.983	(0.802)	1203184	50.0000	49
	78 1,1-Dichloro-2-propanone	43	6.284	6.279	(0.843)	1586850	250.000	260
	79 4-Methyl-2-Pentanone	43	6.442	6.436	(0.864)	584796	50.0000	51
	80 Tetrachloroethene	164	6.412	6.407	(0.860)	219690	50.0000	44
	81 Ethyl Methacrylate	69	6.658	6.663	(0.893)	639154	50.0000	52
	82 Dibromochloromethane	129	6.777	6.771	(0.909)	462998	50.0000	50
	83 1,3-Dichloropropane	76	6.865	6.869	(0.921)	700868	50.0000	50
	84 1,2-Dibromoethane	107	6.973	6.968	(0.935)	497019	50.0000	50
	86 2-Hexanone	43	7.239	7.243	(0.971)	419893	50.0000	51
	87 1-Chlorohexane	91	7.485	7.499	(1.004)	353502	50.0000	41(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
88	Chlorobenzene	112	7.475	7.470	(1.003)	955349	50.0000	48
89	1,1,1,2-Tetrachloroethane	131	7.544	7.539	(1.012)	358450	50.0000	50
90	Ethylbenzene	106	7.515	7.519	(1.008)	412940	50.0000	47
91	Xylene (total)mp	106	7.653	7.657	(1.026)	1027447	100.000	94
92	Xylene (total)o	106	8.036	8.031	(1.078)	540957	50.0000	49
93	Styrene	104	8.086	8.080	(1.084)	1048277	50.0000	51
94	Bromoform	173	8.086	8.090	(1.084)	358858	50.0000	51
* 95	1,4-Dichlorobenzene-d4	152	9.523	9.527	(1.000)	304733	25.0000	
96	Isopropylbenzene	105	8.322	8.316	(0.874)	988032	50.0000	48
97	Bromobenzene	156	8.637	8.631	(0.907)	424868	50.0000	51
98	1,1,2,2-Tetrachloroethane	83	8.765	8.759	(0.920)	647866	50.0000	52
99	4-Ethyltoluene	105	8.784	8.789	(0.922)	1024703	50.0000	48
100	1,2,3-Trichloropropane	110	8.863	8.857	(0.931)	168095	50.0000	52
101	trans-1,4-Dichloro-2-Butene	53	8.903	8.907	(0.935)	296184	100.000	100
102	n-Propylbenzene	91	8.686	8.680	(0.912)	1249691	50.0000	48
103	2-Chlorotoluene	91	8.804	8.798	(0.925)	988609	50.0000	49
104	4-Chlorotoluene	91	8.952	8.946	(0.940)	968627	50.0000	49
105	1,3,5-Trimethylbenzene	105	8.863	8.867	(0.931)	850888	50.0000	50
106	tert-Butylbenzene	119	9.129	9.133	(0.959)	621219	50.0000	49
107	1,2,4-Trimethylbenzene	105	9.198	9.202	(0.966)	913047	50.0000	50
108	sec-Butylbenzene	105	9.286	9.291	(0.975)	1007264	50.0000	49
109	4-Isopropyltoluene	119	9.424	9.419	(0.990)	794205	50.0000	50
110	1,3-Dichlorobenzene	146	9.454	9.458	(0.993)	573120	50.0000	50
111	1,4-Dichlorobenzene	146	9.542	9.537	(1.002)	602892	50.0000	50
112	1,2-Dichlorobenzene	146	9.897	9.901	(1.039)	584080	50.0000	49
113	Benzyl Chloride	126	9.759	9.763	(1.025)	194929	50.0000	50
114	1,4-Diethylbenzene	119	9.739	9.733	(2.314)	399033	50.0000	48
115	n-Butylbenzene	91	9.788	9.783	(1.028)	747391	50.0000	29(M)
118	1,2,4,5-Tetramethylbenzene	119	10.438	10.442	(2.481)	801630	50.0000	50
119	1,2-Dibromo-3-chloropropane	75	10.595	10.600	(1.113)	92742	50.0000	52
120	Nitrobenzene	77	11.088	11.082	(1.164)	546324	500.000	550
121	1,2,4-Trichlorobenzene	180	11.186	11.190	(1.175)	374273	50.0000	50
122	Hexachlorobutadiene	225	11.176	11.180	(1.174)	143977	50.0000	43
123	Naphthalene	128	11.462	11.466	(1.204)	1198068	50.0000	50
124	1,2,3-Trichlorobenzene	180	11.629	11.633	(1.221)	364043	50.0000	50
$ 125	Bromofluorobenzene	95	8.558	8.552	(0.899)	533678	50.0000	52
M 126	1,2-Dichloroethene (total)	100				808121	100.000	95
M 127	Xylene (total)	100				1568404	150.000	140

QC Flag Legend

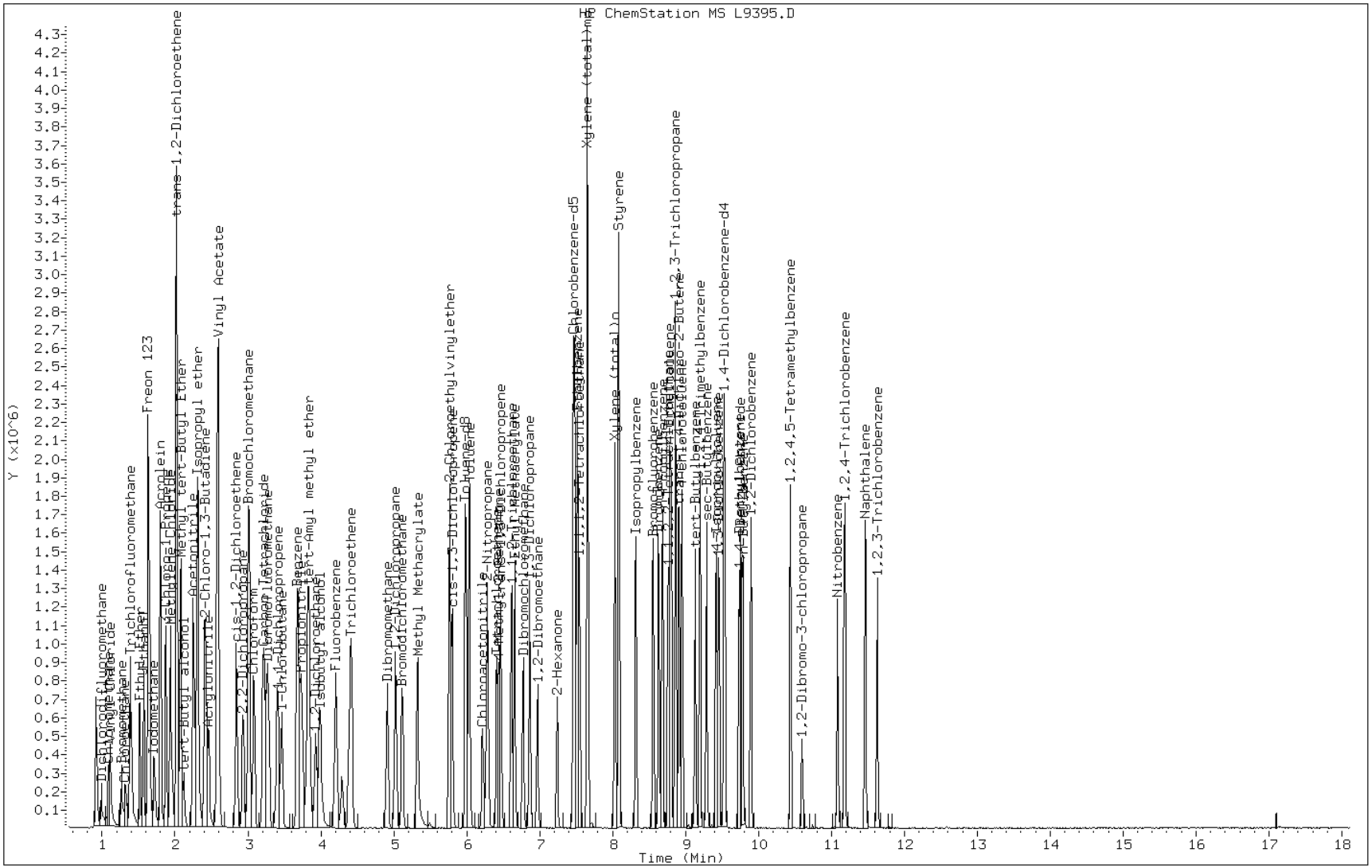
M - Compound response manually integrated.

Data File: L9395.D

Date: 02-MAY-2011 19:49

Client ID: IC;50 Instrument: msl.i

Sample Info: IC;50 Operator: E. LYNCH



Manual Integration Report

Data File: L9395.D
Inj. Date and Time: 02-MAY-2011 19:49
Instrument ID: msl.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/02/2011

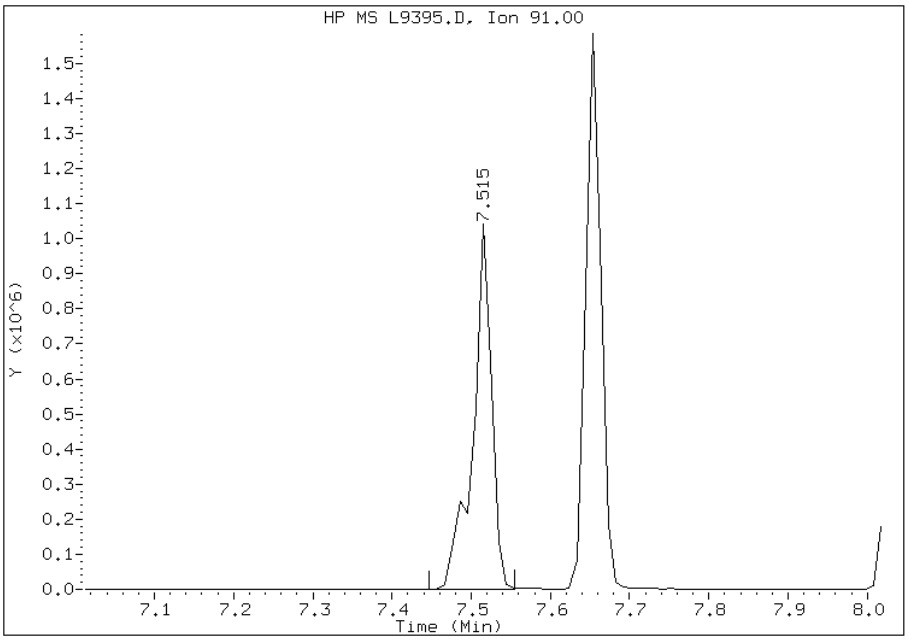
Processing Integration Results

RT: 7.52

Response: 1747864

Amount: 91

Conc: 91



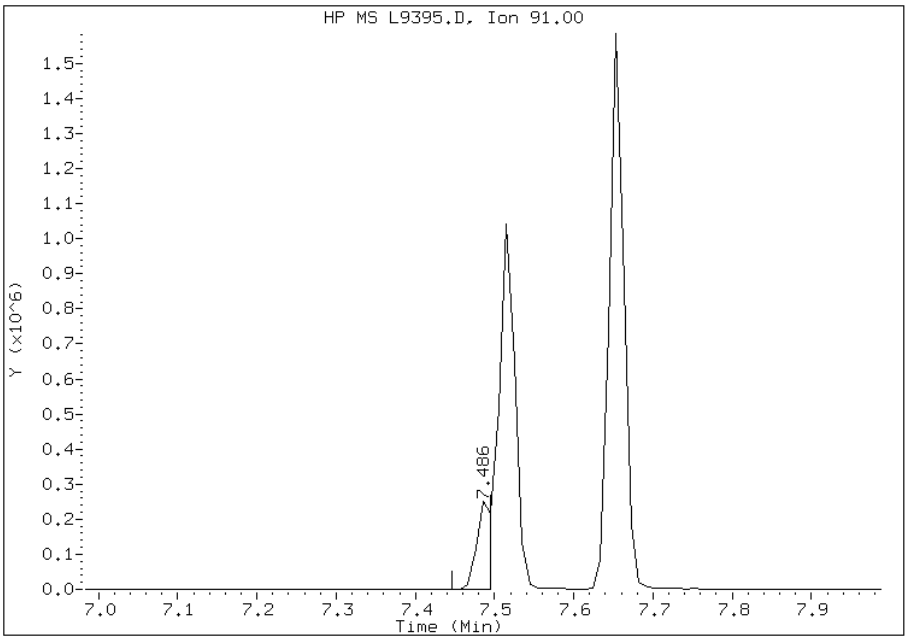
Manual Integration Results

RT: 7.49

Response: 353502

Amount: 41

Conc: 41



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9395.D
Inj. Date and Time: 02-MAY-2011 19:49
Instrument ID: msl.i
Client ID: IC;50
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/02/2011

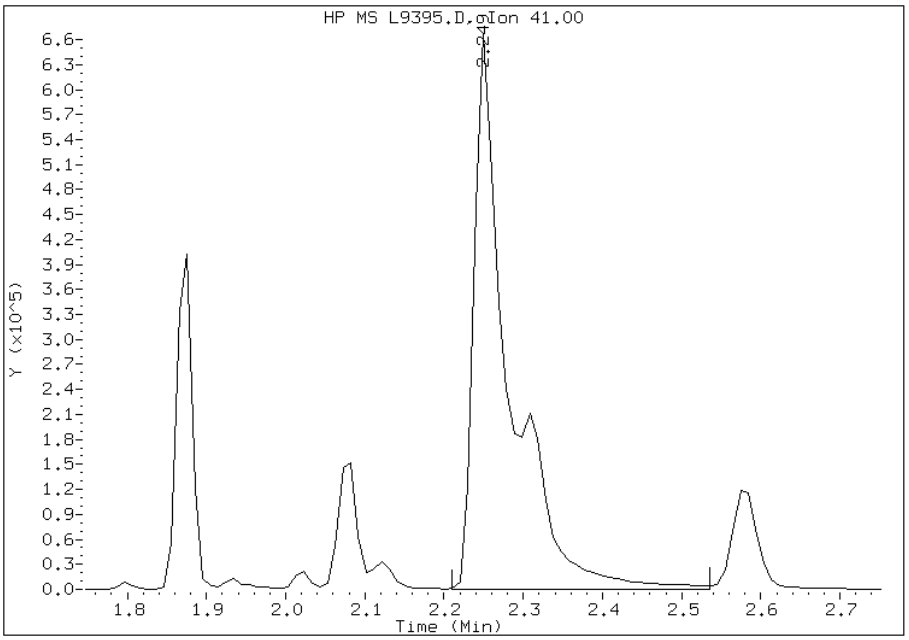
Processing Integration Results

RT: 2.25

Response: 2111452

Amount: 546

Conc: 546



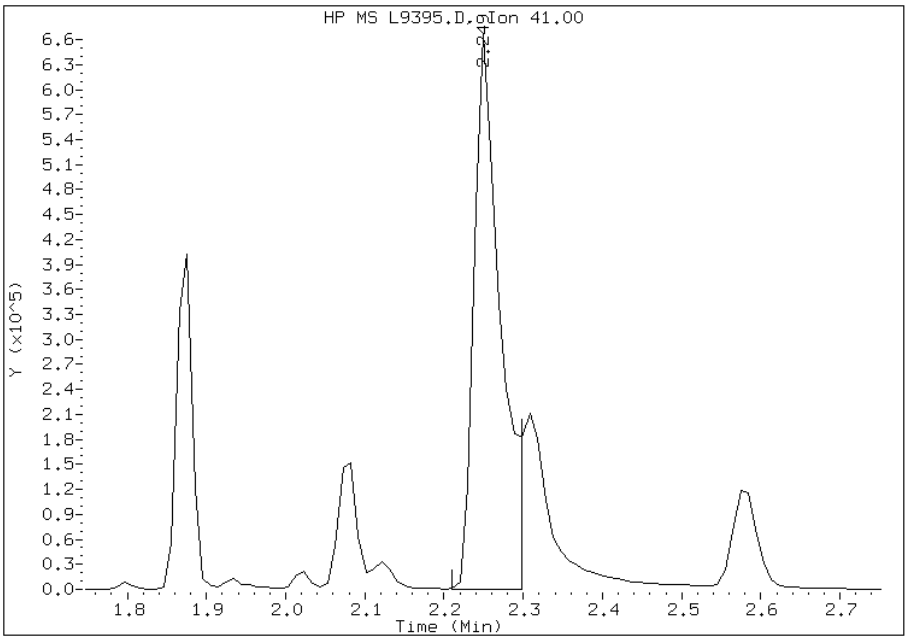
Manual Integration Results

RT: 2.25

Response: 1617554

Amount: 526

Conc: 526



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9395.D
Inj. Date and Time: 02-MAY-2011 19:49
Instrument ID: msl.i
Client ID: IC;50
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/02/2011

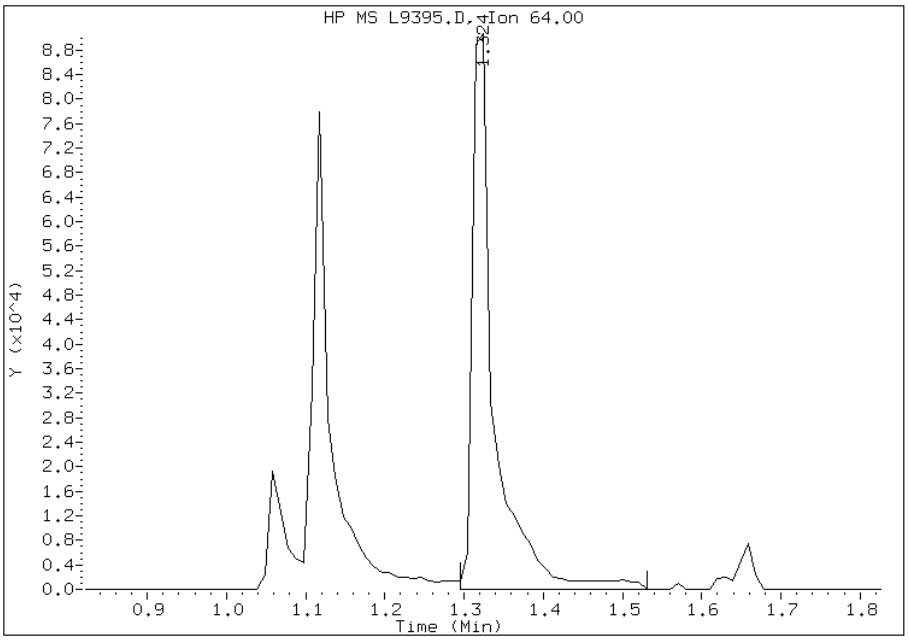
Processing Integration Results

RT: 1.32

Response: 180815

Amount: 51

Conc: 51



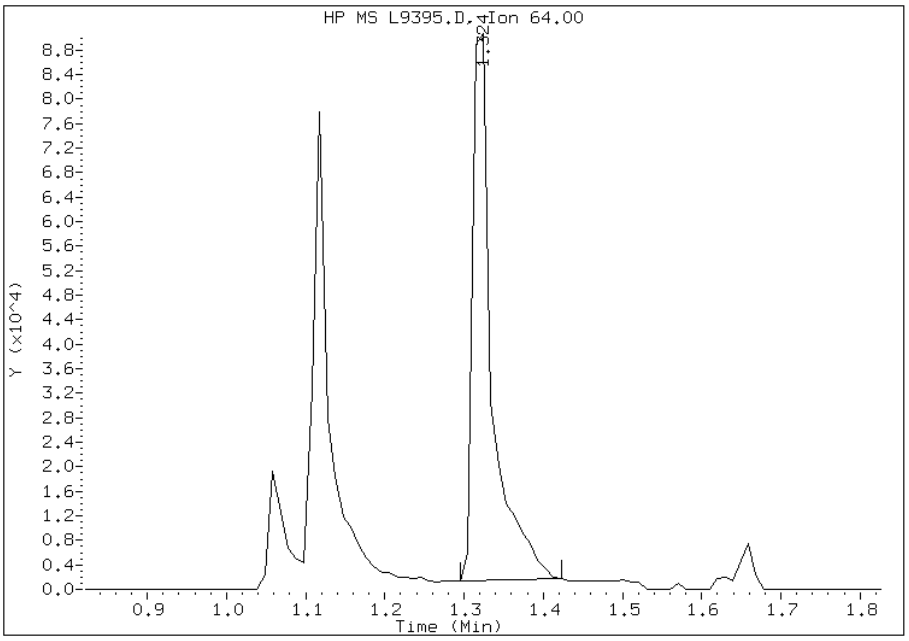
Manual Integration Results

RT: 1.32

Response: 159574

Amount: 58

Conc: 58



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9395.D
Inj. Date and Time: 02-MAY-2011 19:49
Instrument ID: msl.i
Client ID: IC;50
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/02/2011

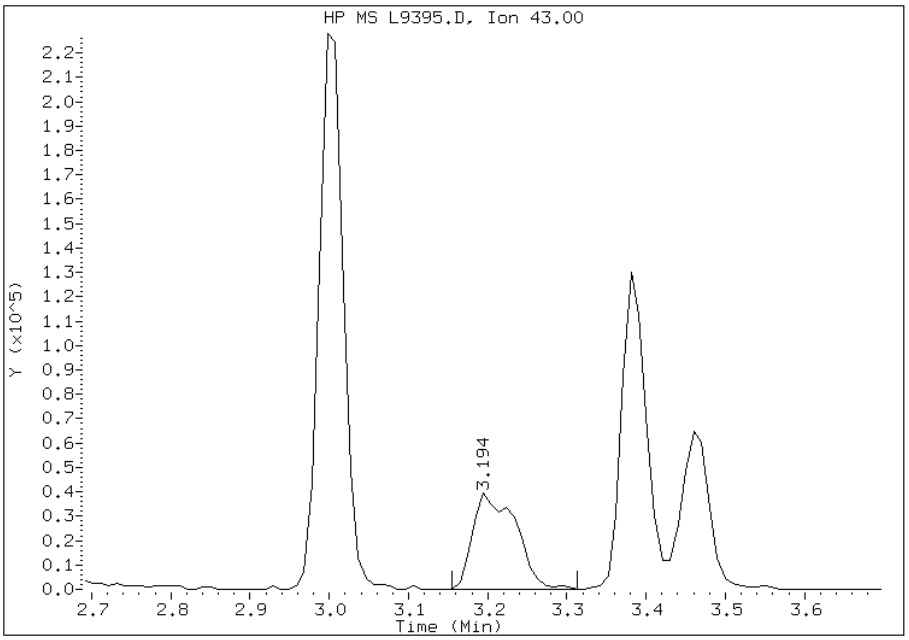
Processing Integration Results

RT: 3.19

Response: 151240

Amount: 113

Conc: 113



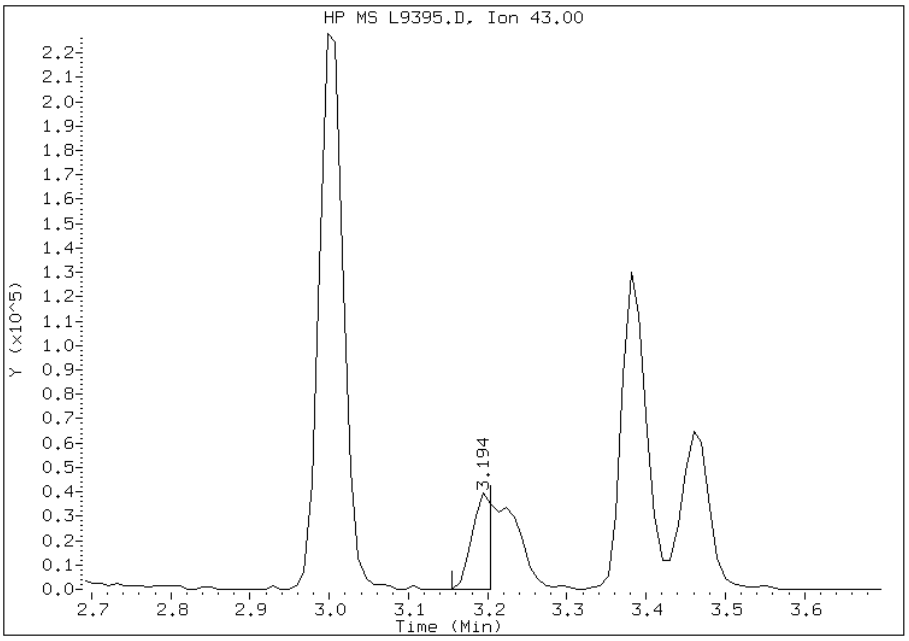
Manual Integration Results

RT: 3.19

Response: 71672

Amount: 94

Conc: 94



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9395.D
Inj. Date and Time: 02-MAY-2011 19:49
Instrument ID: msl.i
Client ID: IC;50
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/02/2011

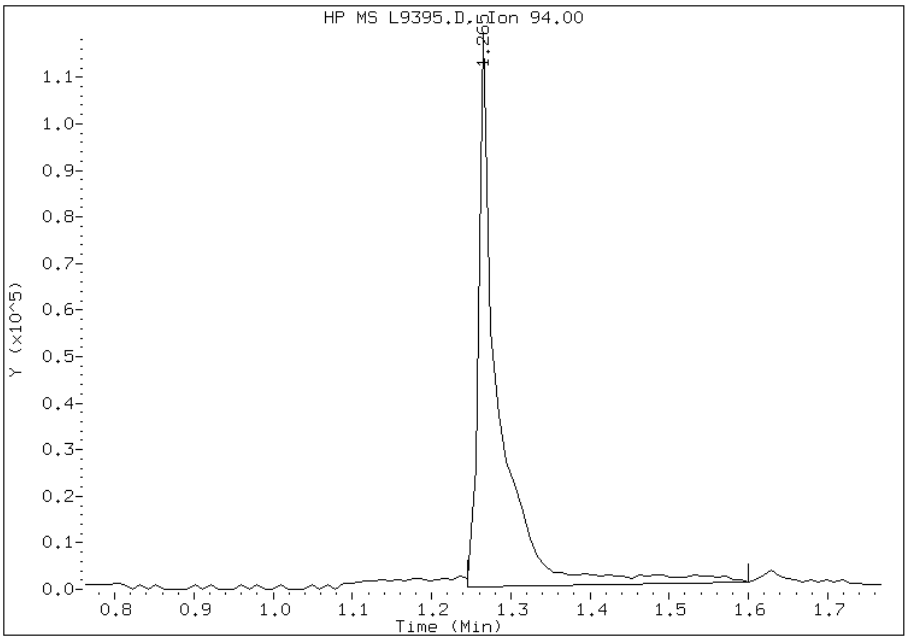
Processing Integration Results

RT: 1.27

Response: 215209

Amount: 46

Conc: 46



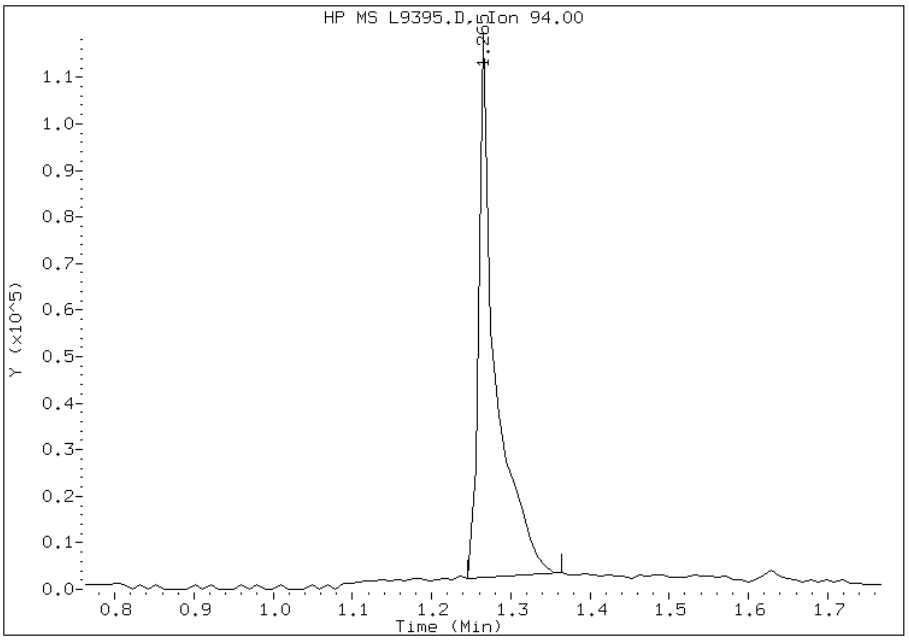
Manual Integration Results

RT: 1.27

Response: 176798

Amount: 56

Conc: 56



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9395.D
Inj. Date and Time: 02-MAY-2011 19:49
Instrument ID: msl.i
Client ID: IC;50
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/02/2011

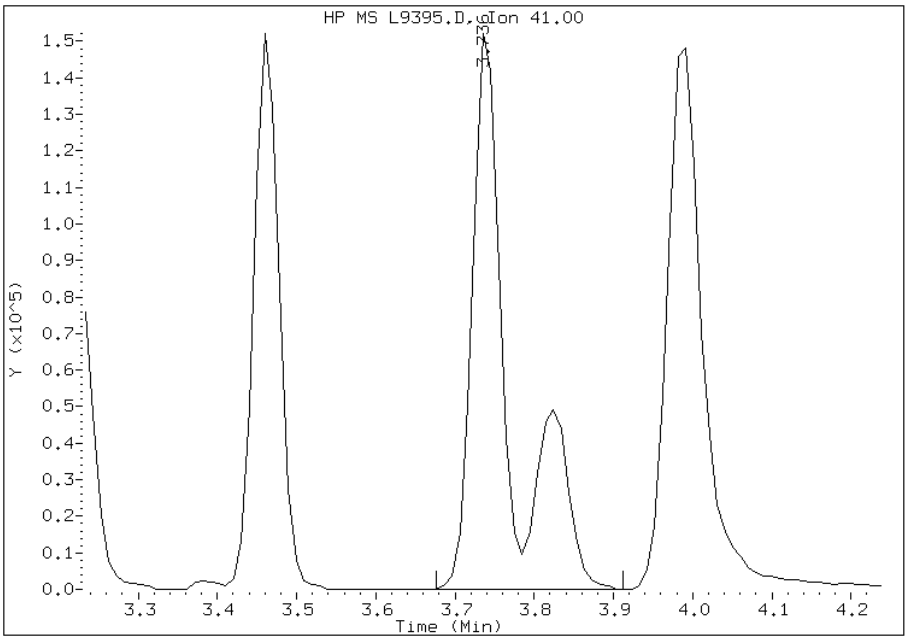
Processing Integration Results

RT: 3.74

Response: 510665

Amount: 73

Conc: 73



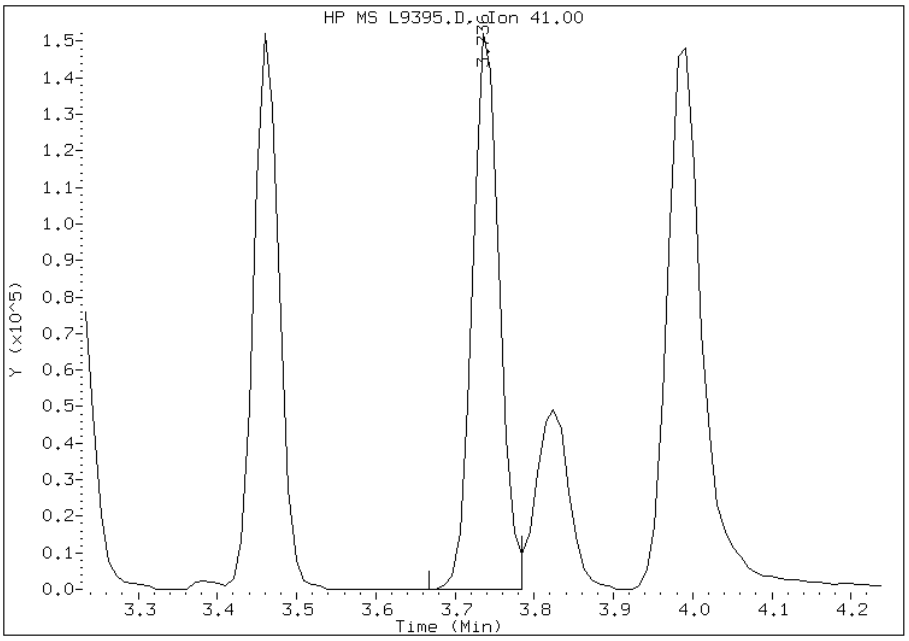
Manual Integration Results

RT: 3.74

Response: 371455

Amount: 51

Conc: 51



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9395.D
Inj. Date and Time: 02-MAY-2011 19:49
Instrument ID: msl.i
Client ID: IC;50
Compound: 3 Chloromethane
CAS #: 74-87-3
Report Date: 05/02/2011

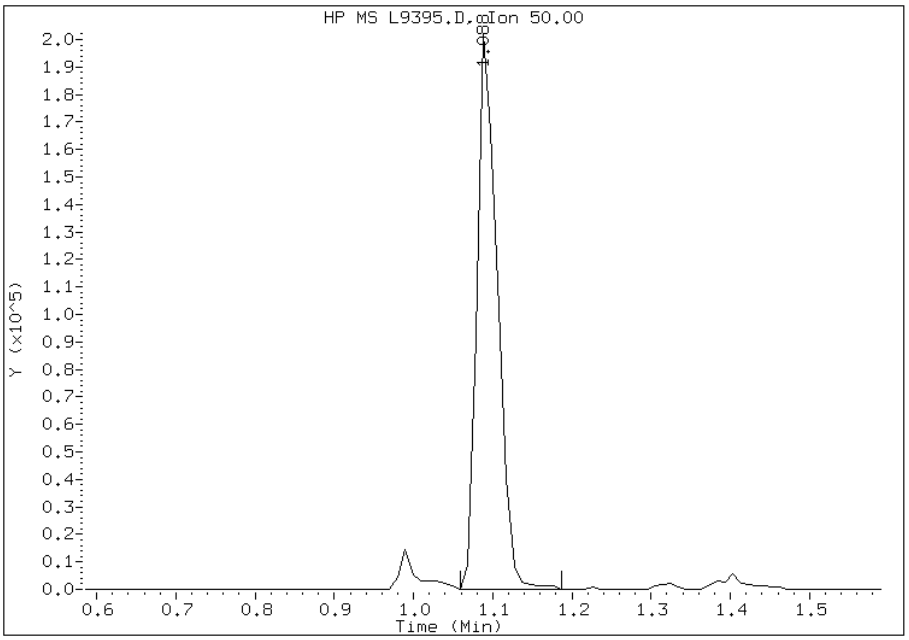
Processing Integration Results

RT: 1.09

Response: 371217

Amount: 48

Conc: 48



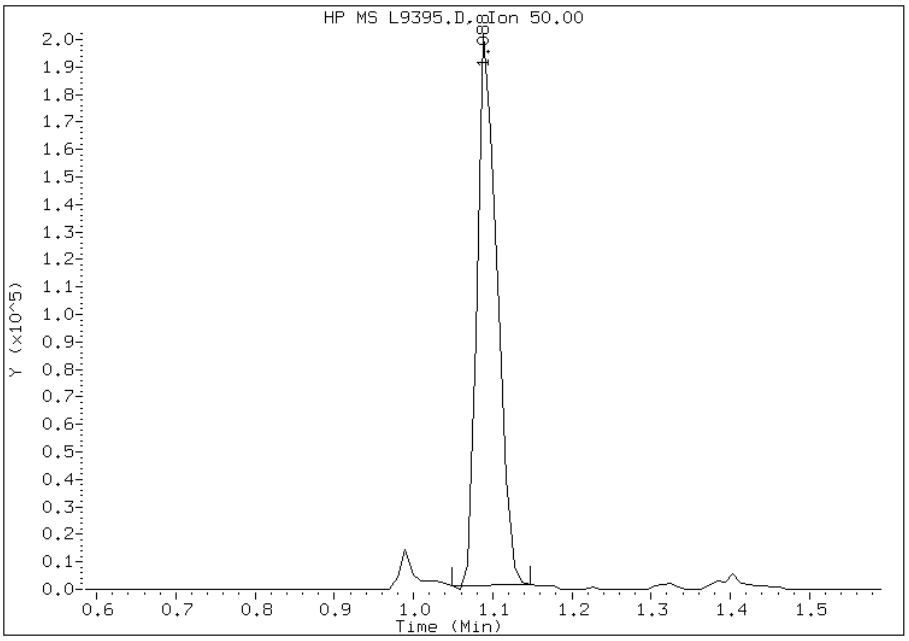
Manual Integration Results

RT: 1.09

Response: 359732

Amount: 49

Conc: 49



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9395.D
Inj. Date and Time: 02-MAY-2011 19:49
Instrument ID: msl.i
Client ID: IC;50
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 05/02/2011

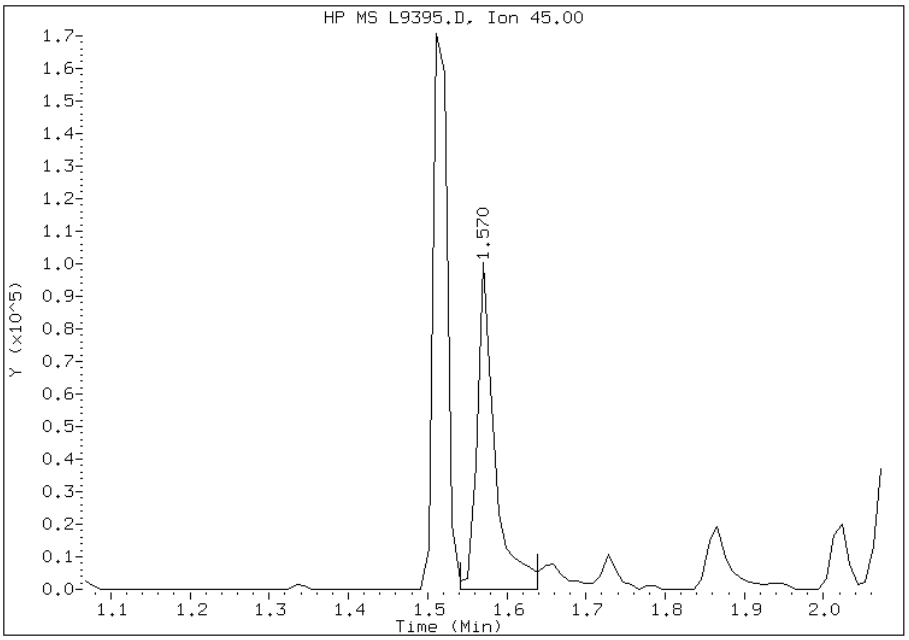
Processing Integration Results

RT: 1.57

Response: 160950

Amount: 446

Conc: 446



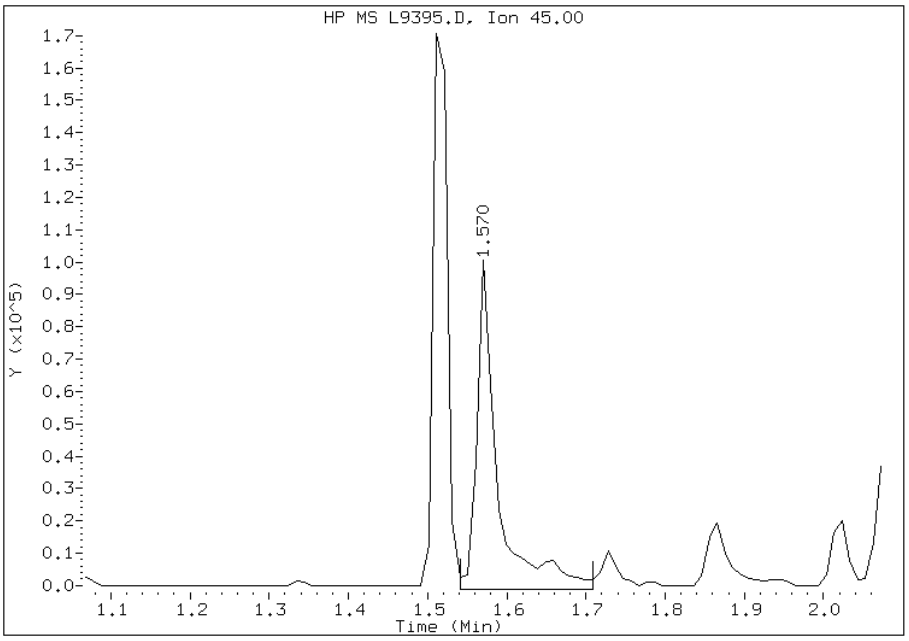
Manual Integration Results

RT: 1.57

Response: 190726

Amount: 511

Conc: 511



Manually Integrated By: eon
Manual Integration Reason:

Manual Integration Report

Data File: L9395.D
Inj. Date and Time: 02-MAY-2011 19:49
Instrument ID: msl.i
Client ID: IC;50
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/02/2011

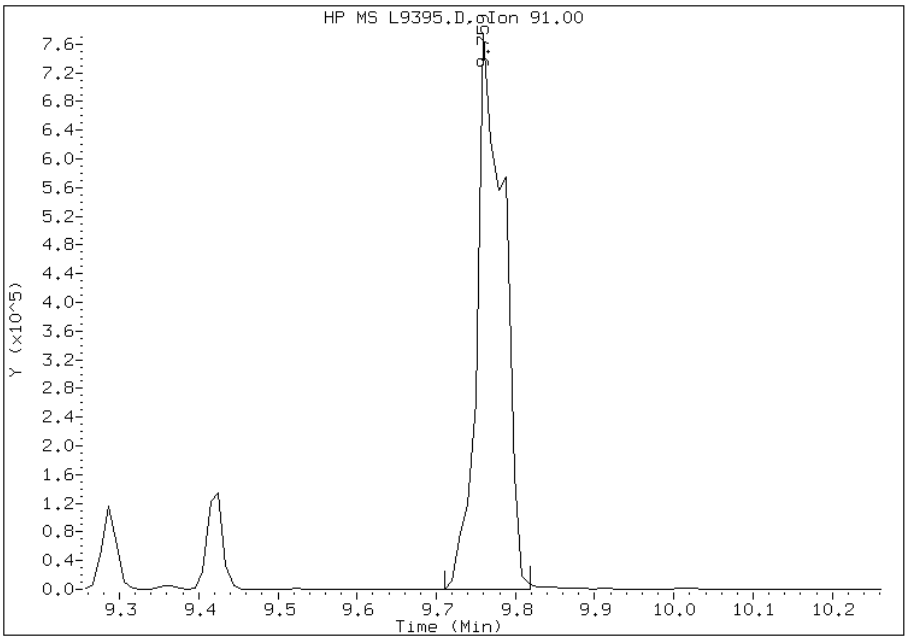
Processing Integration Results

RT: 9.76

Response: 1879807

Amount: 50

Conc: 50



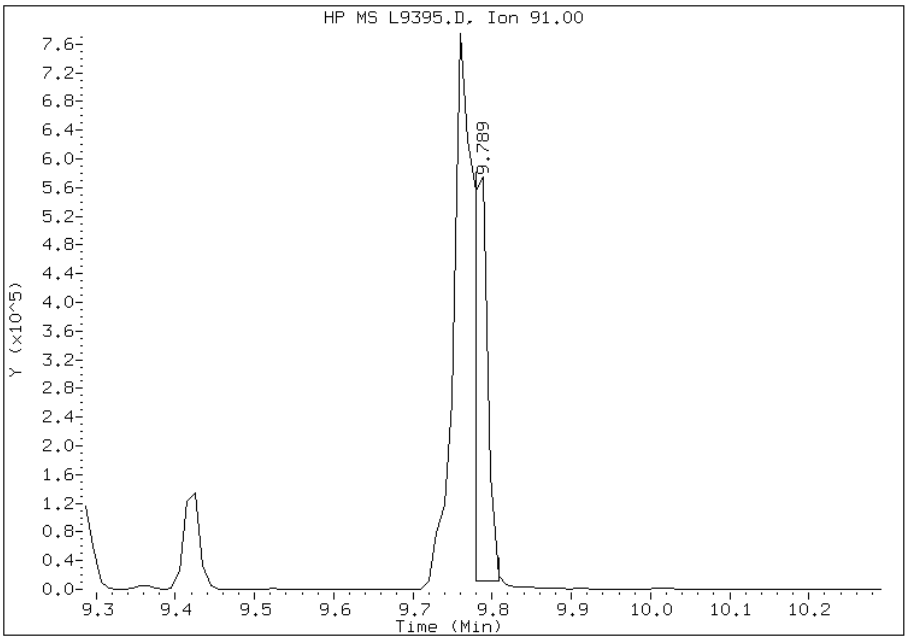
Manual Integration Results

RT: 9.79

Response: 747391

Amount: 29

Conc: 29



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119390.b\L9396.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 02-MAY-2011 20:13 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;20
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119390.b\L8260BNW.m
Meth Date : 02-May-2011 22:01 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 20:13 Cal File: L9396.D
Als bottle: 7 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.202	4.202	(1.000)	1028130	25.0000	
2	Dichlorodifluoromethane	85	0.984	0.993	(0.234)	62824	20.0000	19
3	Chloromethane	50	1.092	1.092	(0.260)	125904	20.0000	18
4	Vinyl Chloride	62	1.112	1.111	(0.265)	102255	20.0000	17
5	Bromomethane	94	1.269	1.269	(0.302)	79603	20.0000	20(M)
6	Chloroethane	64	1.318	1.318	(0.314)	62488	20.0000	23(M)
7	Trichlorofluoromethane	101	1.387	1.387	(0.330)	138447	20.0000	18
8	Dichlorofluoromethane	67	1.407	1.407	(0.335)	186952	20.0000	21
9	Ethyl Ether	45	1.515	1.515	(0.361)	83601	20.0000	20
10	Ethanol	45	1.574	1.574	(0.375)	73901	200.000	200
12	Freon 123	67	1.633	1.633	(0.389)	30459	20.0000	22(M)
13	Trichlorotrifluoroethane	101	1.633	1.643	(0.389)	107169	20.0000	18
14	1,1-Dichloroethene	96	1.624	1.633	(0.386)	107750	20.0000	20
15	Carbon Disulfide	76	1.653	1.653	(0.393)	399153	20.0000	21
16	Iodomethane	142	1.712	1.712	(0.408)	145756	20.0000	20
17	Acrolein	56	1.801	1.800	(0.429)	414093	100.000	96
19	3-Chloro-1-Propene	41	1.870	1.869	(0.445)	233453	20.0000	20
20	Methylene Chloride	84	1.939	1.938	(0.461)	182413	20.0000	20
21	Acetone	43	1.958	1.958	(0.466)	63605	20.0000	18
22	trans-1,2-Dichloroethene	96	2.027	2.027	(0.482)	143137	20.0000	19
23	Methyl Acetate	43	2.017	2.017	(0.480)	953565	20.0000	20
24	Methyl tert-Butyl Ether	73	2.076	2.076	(0.494)	462768	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.126	2.125	(0.506)	123839	100.000	100
	26 Acetonitrile	41	2.253	2.253	(0.536)	584467	200.000	190
	27 Isopropyl ether	45	2.313	2.312	(0.550)	584843	20.0000	20
	28 tert-Butyl ethyl ether	59	2.578	2.578	(0.614)	497393	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.401	2.411	(0.571)	121663	20.0000	22
	30 Acrylonitrile	53	2.460	2.460	(0.585)	172092	40.0000	41
	31 1,1-Dichloroethane	63	2.421	2.420	(0.576)	251692	20.0000	20
	32 Vinyl Acetate	43	2.598	2.598	(0.618)	940416	20.0000	19
	33 cis-1,2-Dichloroethene	96	2.844	2.844	(0.677)	178814	20.0000	19
	34 2,2-Dichloropropane	77	2.933	2.932	(0.698)	176885	20.0000	19
	35 Bromochloromethane	128	3.011	3.021	(0.717)	93719	20.0000	20
	37 Cyclohexane	84	3.021	3.021	(0.719)	122142	20.0000	22
	38 Chloroform	83	3.080	3.080	(0.733)	271211	20.0000	20
	39 Ethyl Acetate	43	3.198	3.198	(0.761)	28214	40.0000	38(M)
	40 Methyl Acrylate	55	3.198	3.208	(0.761)	183230	20.0000	20
$	41 Dibromofluoromethane	111	3.257	3.257	(0.775)	73185	20.0000	14
	42 Tetrahydrofuran	42	3.228	3.228	(0.768)	143462	40.0000	40
	43 Carbon Tetrachloride	117	3.208	3.208	(0.763)	132977	20.0000	19
	44 1,1,1-Trichloroethane	97	3.277	3.287	(0.780)	188068	20.0000	21
	45 2-Butanone	43	3.385	3.395	(0.806)	101020	20.0000	18
	46 1,1-Dichloropropene	75	3.405	3.405	(0.810)	164250	20.0000	22
	47 tert-Amyl methyl ether	73	3.828	3.828	(0.911)	479412	20.0000	20
	49 1-Chlorobutane	56	3.464	3.464	(0.824)	238152	20.0000	19
	51 Propionitrile	54	3.710	3.720	(0.883)	309106	200.000	200
	52 Benzene	78	3.681	3.680	(0.876)	563103	20.0000	19
	53 2-Methyl-2-Propenenitrile	41	3.740	3.739	(0.890)	138911	20.0000	19(M)
	54 Isobutyl alcohol	42	3.986	3.995	(0.948)	154653	200.000	200
$	55 1,2-Dichloroethane-d4	65	3.838	3.848	(0.913)	68087	20.0000	14
	56 1,2-Dichloroethane	62	3.927	3.926	(0.934)	187413	20.0000	20
	59 Methyl Cyclohexane	83	4.389	4.399	(1.044)	110833	20.0000	18
	60 Trichloroethene	130	4.419	4.419	(1.052)	136577	20.0000	21
	63 Dibromomethane	93	4.911	4.911	(1.169)	135085	20.0000	20
	64 1,2-Dichloropropane	63	5.019	5.029	(1.194)	154343	20.0000	19
	65 Bromodichloromethane	83	5.118	5.117	(1.218)	206352	20.0000	19
	66 Methyl Methacrylate	69	5.324	5.324	(1.267)	130217	20.0000	19
	67 1,4-Dioxane	58	5.344	5.354	(1.272)	37233	200.000	200
	69 2-Chloroethylvinylether	63	5.767	5.767	(1.372)	286883	20.0000	19
	70 cis-1,3-Dichloropropene	75	5.797	5.796	(1.379)	263130	20.0000	19
	71 Chloroacetonitrile	48	6.210	6.220	(1.478)	87257	200.000	200
	72 2-Nitropropane	41	6.269	6.269	(1.492)	104405	40.0000	40
	73 trans-1,3-Dichloropropene	75	6.466	6.466	(1.539)	244161	20.0000	20
	74 1,1,2-Trichloroethane	97	6.614	6.613	(1.574)	166173	20.0000	20
*	75 Chlorobenzene-d5	117	7.460	7.460	(1.000)	735337	25.0000	
	76 Toluene	91	6.033	6.033	(0.809)	588995	20.0000	19
$	77 Toluene-d8	98	5.984	5.983	(0.802)	236103	20.0000	15
	78 1,1-Dichloro-2-propanone	43	6.279	6.279	(0.842)	598860	100.000	97
	79 4-Methyl-2-Pentanone	43	6.437	6.436	(0.863)	221781	20.0000	19
	80 Tetrachloroethene	164	6.407	6.407	(0.859)	88398	20.0000	21
	81 Ethyl Methacrylate	69	6.653	6.663	(0.892)	241823	20.0000	20
	82 Dibromochloromethane	129	6.771	6.771	(0.908)	172935	20.0000	19
	83 1,3-Dichloropropane	76	6.860	6.869	(0.920)	280150	20.0000	20
	84 1,2-Dibromoethane	107	6.968	6.968	(0.934)	192873	20.0000	19
	86 2-Hexanone	43	7.244	7.243	(0.971)	161359	20.0000	20
	87 1-Chlorohexane	91	7.500	7.499	(1.005)	184574	20.0000	21(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	AMOUNTS ON-COL (ug/L)
	88 Chlorobenzene	112	7.470	7.470	(1.001)	381486	20.0000	19
	89 1,1,1,2-Tetrachloroethane	131	7.539	7.539	(1.011)	139651	20.0000	19
	90 Ethylbenzene	106	7.519	7.519	(1.008)	168304	20.0000	19
	91 Xylene (total)mp	106	7.657	7.657	(1.026)	424039	40.0000	39
	92 Xylene (total)o	106	8.031	8.031	(1.077)	213113	20.0000	19
	93 Styrene	104	8.080	8.080	(1.083)	403078	20.0000	20
	94 Bromoform	173	8.090	8.090	(1.084)	131816	20.0000	19
*	95 1,4-Dichlorobenzene-d4	152	9.527	9.527	(1.000)	313966	25.0000	
	96 Isopropylbenzene	105	8.316	8.316	(0.873)	400442	20.0000	19
	97 Bromobenzene	156	8.631	8.631	(0.906)	163965	20.0000	19
	98 1,1,2,2-Tetrachloroethane	83	8.759	8.759	(0.919)	255905	20.0000	20
	99 4-Ethyltoluene	105	8.789	8.789	(0.923)	414571	20.0000	19
	100 1,2,3-Trichloropropane	110	8.858	8.857	(0.930)	66723	20.0000	20
	101 trans-1,4-Dichloro-2-Butene	53	8.907	8.907	(0.935)	116923	40.0000	40
	102 n-Propylbenzene	91	8.681	8.680	(0.911)	496556	20.0000	18
	103 2-Chlorotoluene	91	8.799	8.798	(0.924)	396836	20.0000	19
	104 4-Chlorotoluene	91	8.946	8.946	(0.939)	387543	20.0000	19
	105 1,3,5-Trimethylbenzene	105	8.868	8.867	(0.931)	349430	20.0000	20
	106 tert-Butylbenzene	119	9.133	9.133	(0.959)	249443	20.0000	19
	107 1,2,4-Trimethylbenzene	105	9.202	9.202	(0.966)	358318	20.0000	19
	108 sec-Butylbenzene	105	9.291	9.291	(0.975)	404451	20.0000	19
	109 4-Isopropyltoluene	119	9.419	9.419	(0.989)	321742	20.0000	20
	110 1,3-Dichlorobenzene	146	9.458	9.458	(0.993)	228160	20.0000	19
	111 1,4-Dichlorobenzene	146	9.537	9.537	(1.001)	245720	20.0000	20
	112 1,2-Dichlorobenzene	146	9.901	9.901	(1.039)	238590	20.0000	20
	113 Benzyl Chloride	126	9.763	9.763	(1.025)	78157	20.0000	19
	114 1,4-Diethylbenzene	119	9.734	9.733	(2.316)	157380	20.0000	20
	115 n-Butylbenzene	91	9.783	9.783	(1.027)	419580	20.0000	18(M)
	118 1,2,4,5-Tetramethylbenzene	119	10.442	10.442	(2.485)	328319	20.0000	21
	119 1,2-Dibromo-3-chloropropane	75	10.600	10.600	(1.113)	35537	20.0000	19
	120 Nitrobenzene	77	11.082	11.082	(1.163)	184369	200.000	180
	121 1,2,4-Trichlorobenzene	180	11.190	11.190	(1.175)	154704	20.0000	20
	122 Hexachlorobutadiene	225	11.181	11.180	(1.174)	72812	20.0000	21
	123 Naphthalene	128	11.466	11.466	(1.204)	496085	20.0000	20
	124 1,2,3-Trichlorobenzene	180	11.633	11.633	(1.221)	151024	20.0000	20
$	125 Bromofluorobenzene	95	8.553	8.552	(0.898)	107896	20.0000	14
M	126 1,2-Dichloroethene (total)	100				321951	40.0000	39
M	127 Xylene (total)	100				637152	60.0000	58

QC Flag Legend

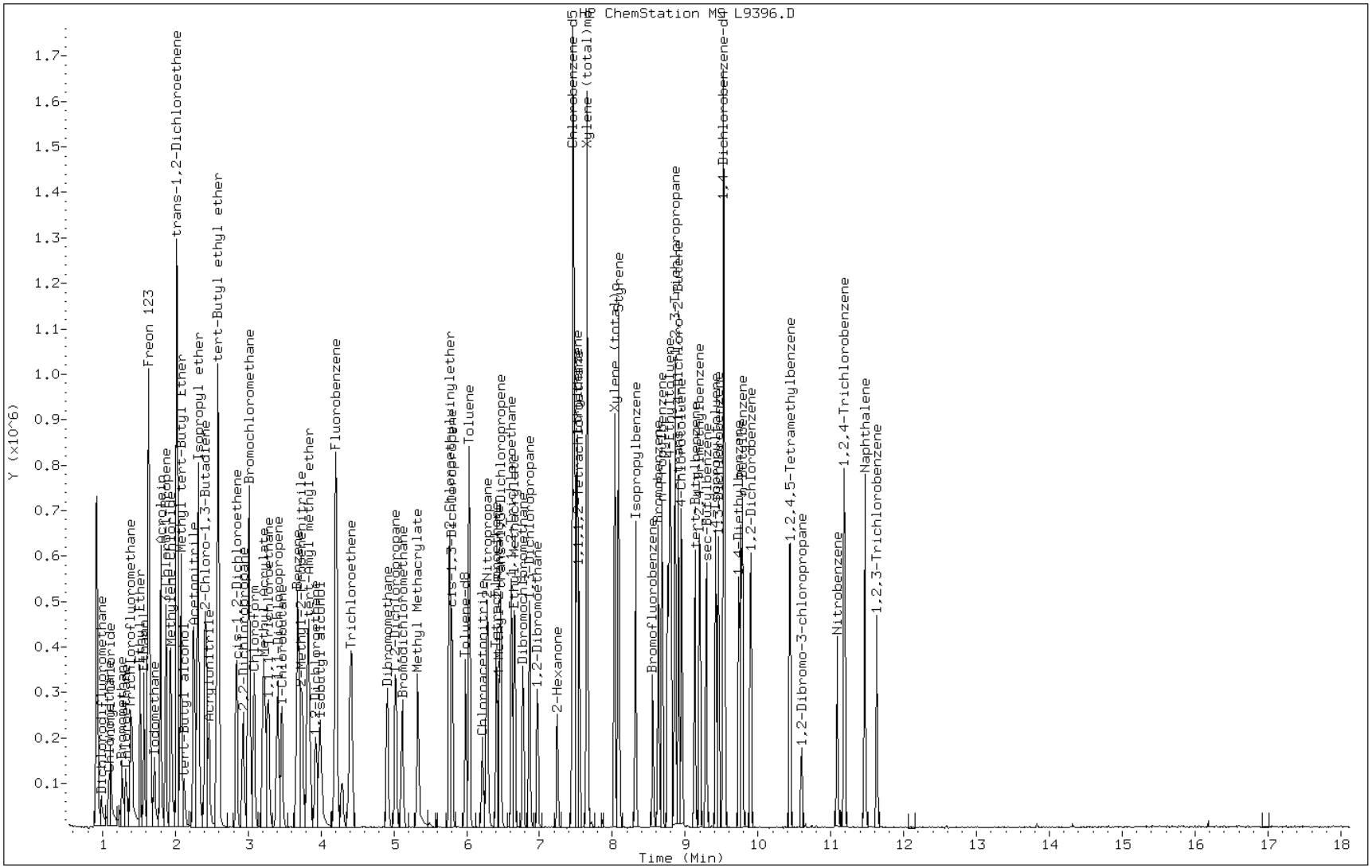
M - Compound response manually integrated.

Data File: L9396.D

Date: 02-MAY-2011 20:13

Client ID: IC;20 Instrument: msl.i

Sample Info: IC;20 Operator: E. LYNCH



Manual Integration Report

Data File: L9396.D
Inj. Date and Time: 02-MAY-2011 20:13
Instrument ID: msl.i
Client ID: IC;20
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/02/2011

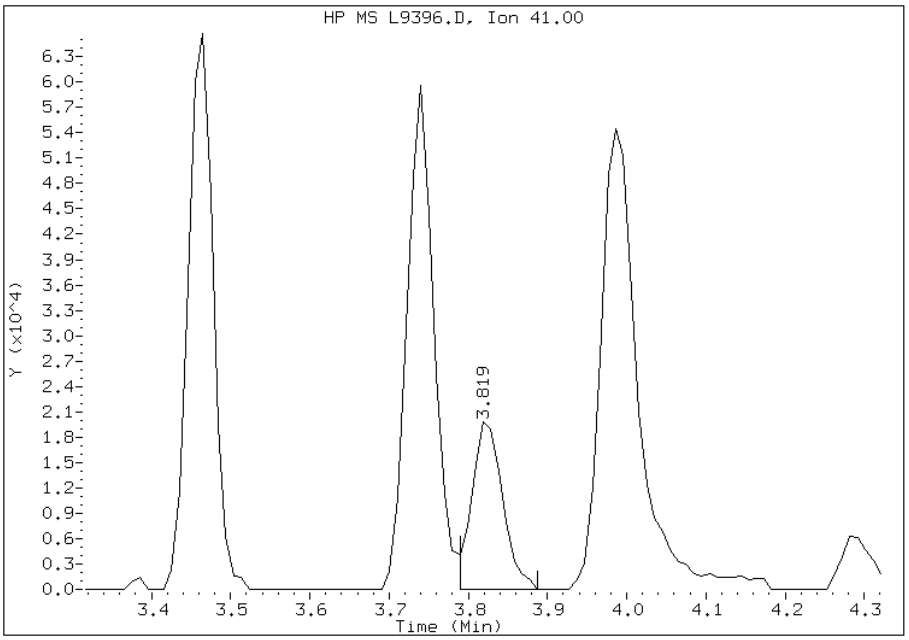
Processing Integration Results

RT: 3.82

Response: 54986

Amount: 20

Conc: 20



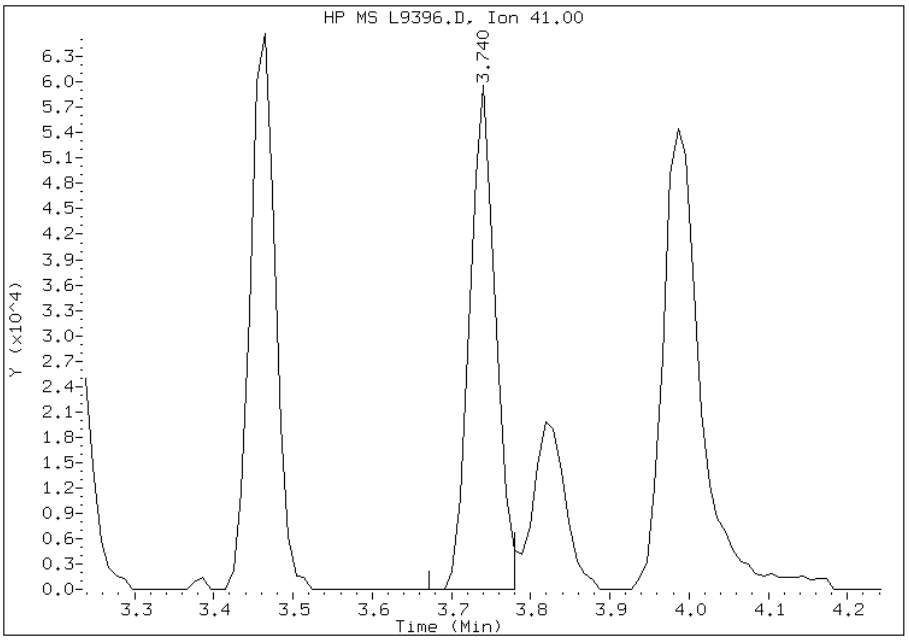
Manual Integration Results

RT: 3.74

Response: 138911

Amount: 19

Conc: 19



Manually Integrated By: eon
Manual Integration Reason:

Manual Integration Report

Data File: L9396.D
Inj. Date and Time: 02-MAY-2011 20:13
Instrument ID: msl.i
Client ID: IC;20
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/02/2011

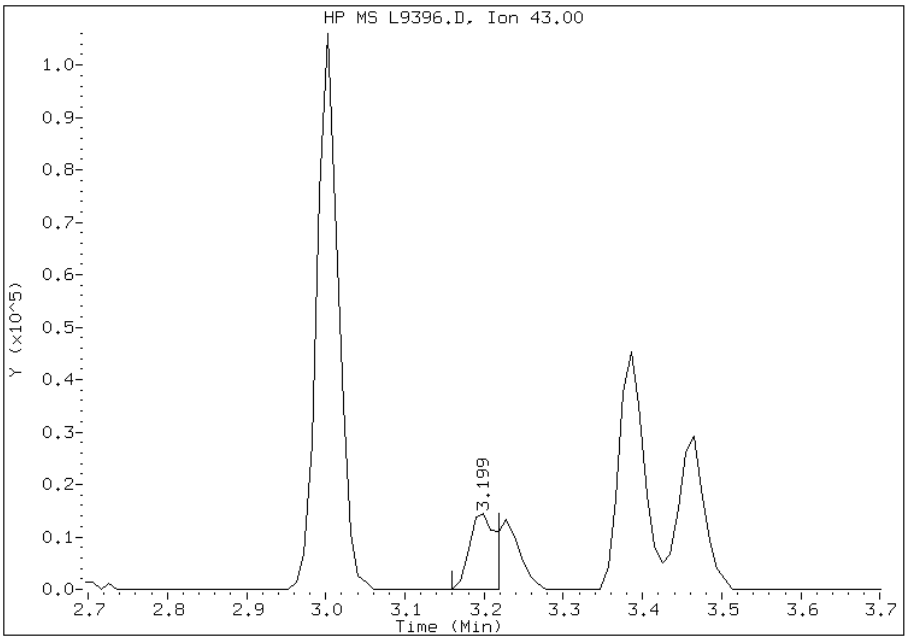
Processing Integration Results

RT: 3.20

Response: 34770

Amount: 26

Conc: 26



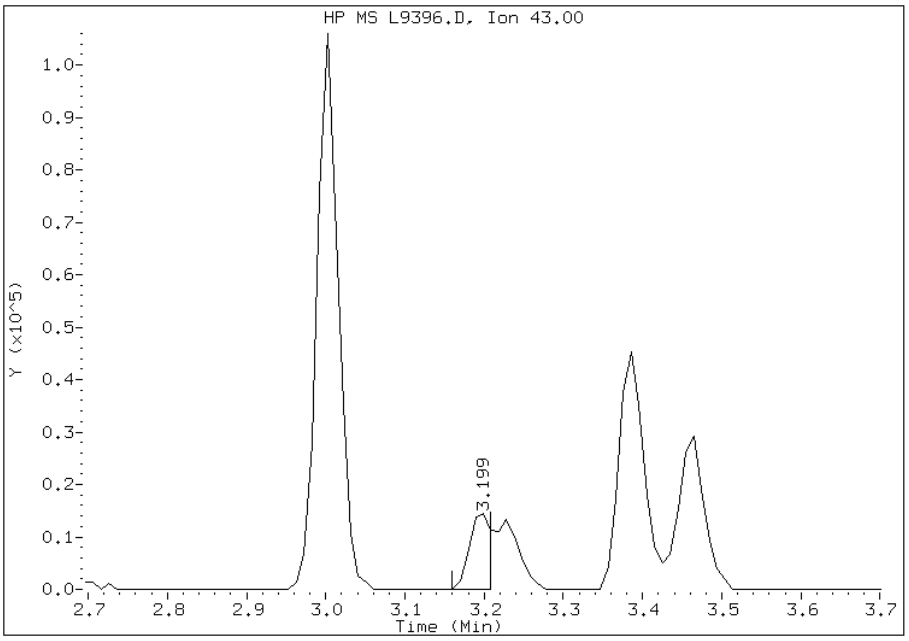
Manual Integration Results

RT: 3.20

Response: 28214

Amount: 38

Conc: 38



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9396.D
Inj. Date and Time: 02-MAY-2011 20:13
Instrument ID: msl.i
Client ID: IC;20
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/02/2011

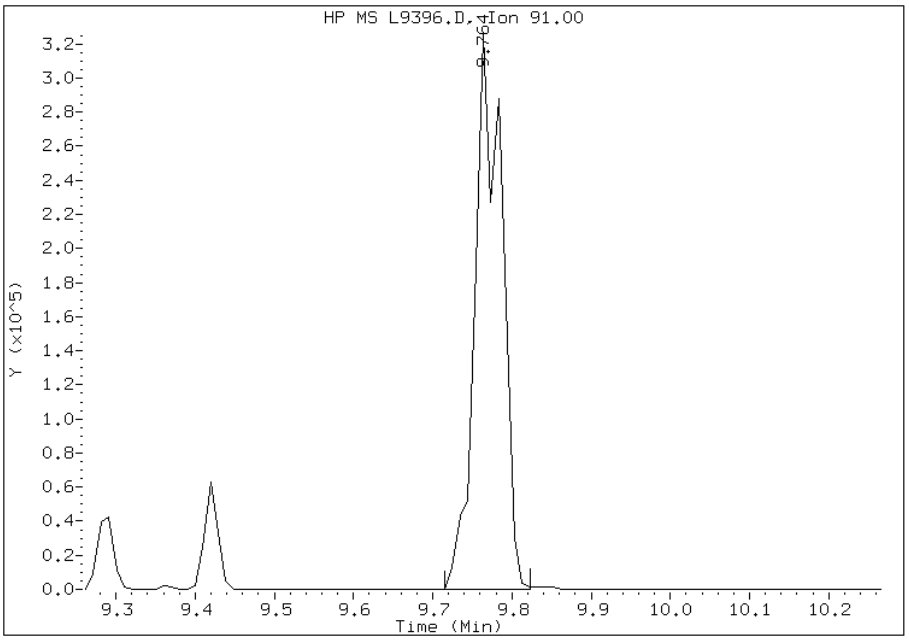
Processing Integration Results

RT: 9.76

Response: 791698

Amount: 20

Conc: 20



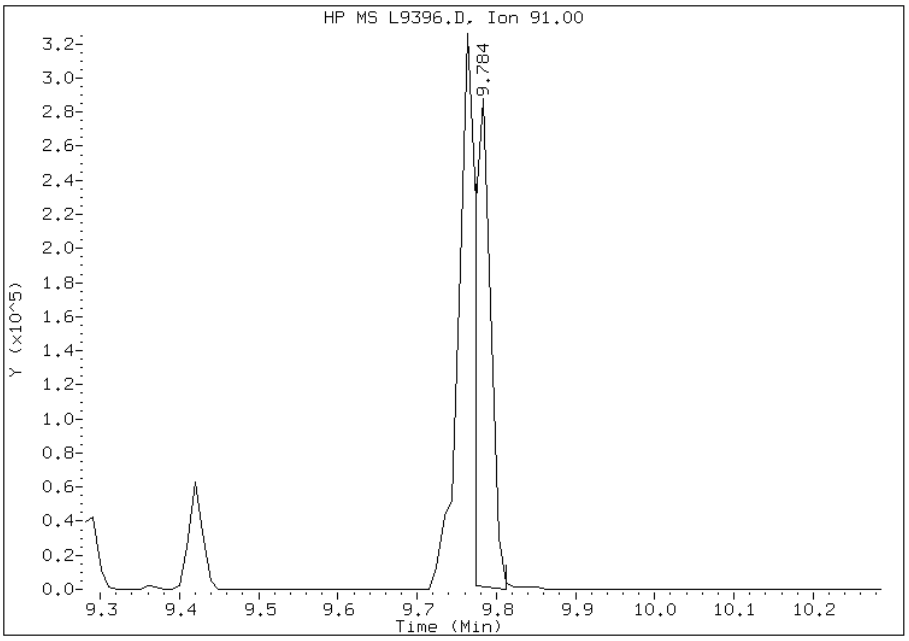
Manual Integration Results

RT: 9.78

Response: 419580

Amount: 18

Conc: 18



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9396.D
Inj. Date and Time: 02-MAY-2011 20:13
Instrument ID: msl.i
Client ID: IC;20
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/02/2011

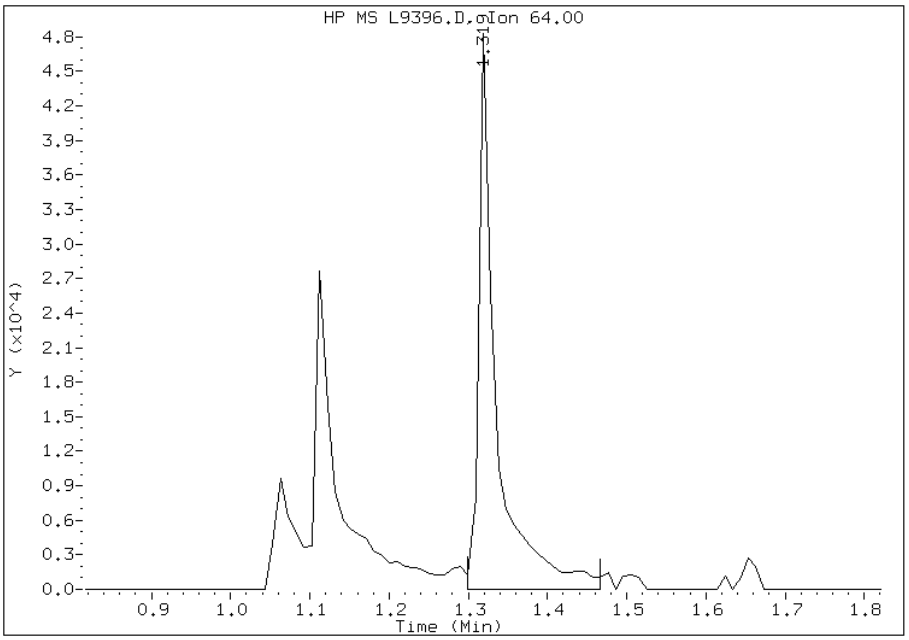
Processing Integration Results

RT: 1.32

Response: 77180

Amount: 22

Conc: 22



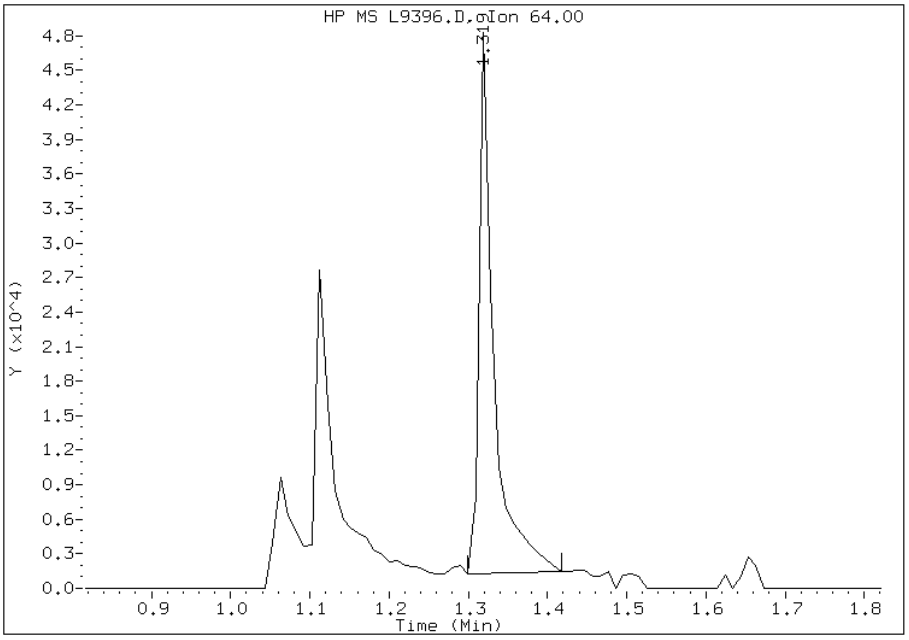
Manual Integration Results

RT: 1.32

Response: 62488

Amount: 23

Conc: 23



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9396.D
Inj. Date and Time: 02-MAY-2011 20:13
Instrument ID: msl.i
Client ID: IC;20
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/02/2011

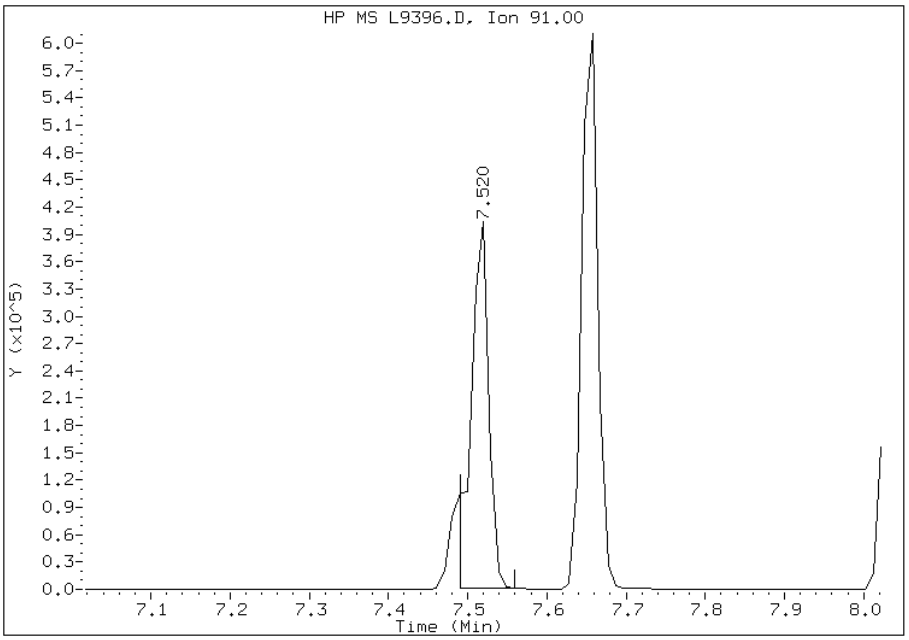
Processing Integration Results

RT: 7.52

Response: 656491

Amount: 48

Conc: 48



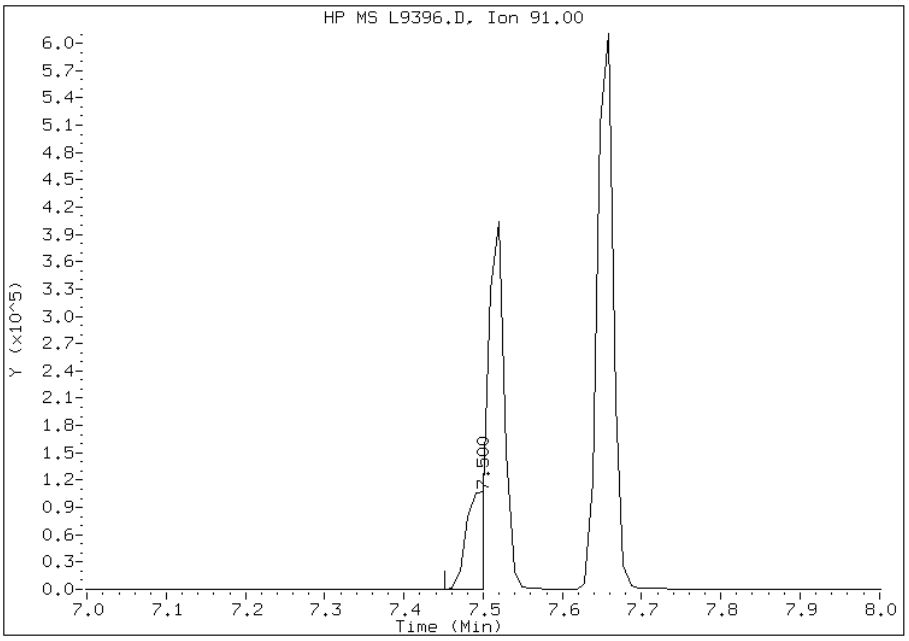
Manual Integration Results

RT: 7.50

Response: 184574

Amount: 21

Conc: 21



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9396.D
Inj. Date and Time: 02-MAY-2011 20:13
Instrument ID: msl.i
Client ID: IC;20
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/02/2011

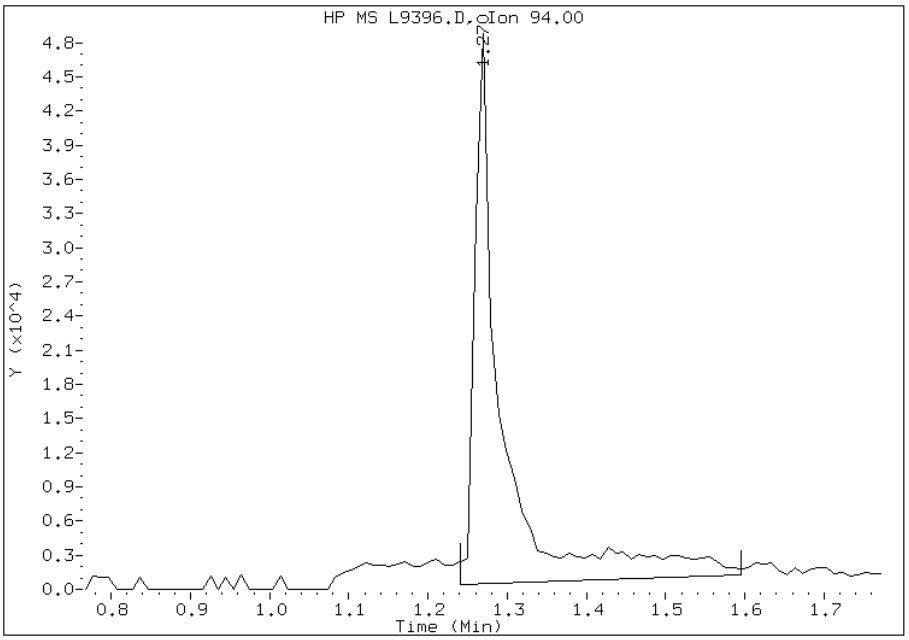
Processing Integration Results

RT: 1.27

Response: 120505

Amount: 30

Conc: 30



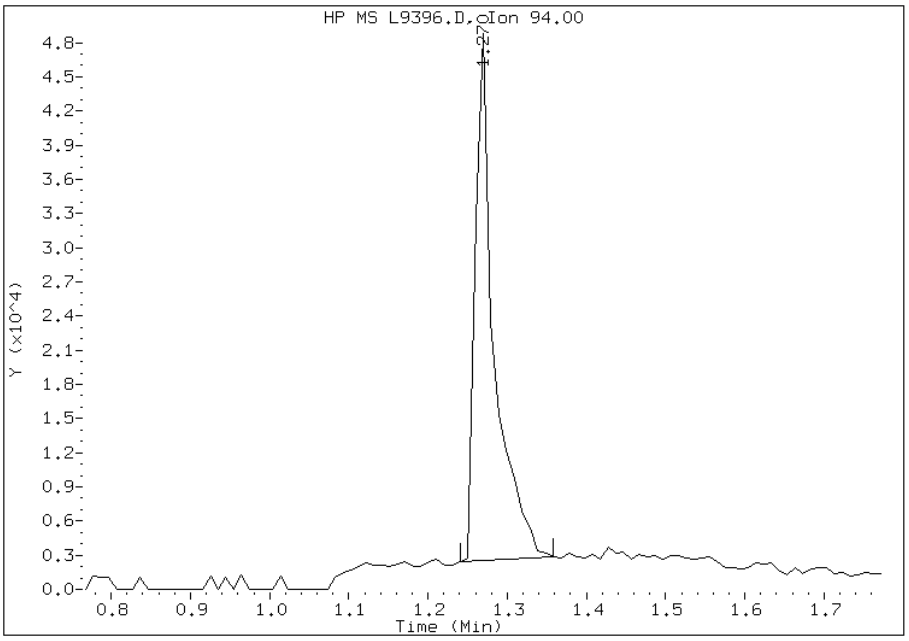
Manual Integration Results

RT: 1.27

Response: 79603

Amount: 20

Conc: 20



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119390.b\L9397.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 02-MAY-2011 20:37 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;5
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119390.b\L8260BNW.m
Meth Date : 02-May-2011 22:01 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 20:37 Cal File: L9397.D
Als bottle: 8 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.202	4.202	(1.000)	996873	25.0000	
2	Dichlorodifluoromethane	85	0.993	0.993	(0.236)	10103	5.00000	9
3	Chloromethane	50	1.092	1.092	(0.260)	27694	5.00000	4
4	Vinyl Chloride	62	1.111	1.111	(0.265)	20500	5.00000	3(M)
6	Chloroethane	64	1.318	1.318	(0.314)	12394	5.00000	5(M)
7	Trichlorofluoromethane	101	1.387	1.387	(0.330)	24866	5.00000	6
8	Dichlorofluoromethane	67	1.407	1.407	(0.335)	36611	5.00000	4(M)
9	Ethyl Ether	45	1.515	1.515	(0.361)	20267	5.00000	5
10	Ethanol	45	1.574	1.574	(0.375)	15519	50.0000	44(M)
12	Freon 123	67	1.633	1.633	(0.389)	4287	5.00000	8
13	Trichlorotrifluoroethane	101	1.643	1.643	(0.391)	19500	5.00000	3
14	1,1-Dichloroethene	96	1.633	1.633	(0.389)	19326	5.00000	4
15	Carbon Disulfide	76	1.653	1.653	(0.393)	78744	5.00000	8
16	Iodomethane	142	1.712	1.712	(0.407)	24476	5.00000	8
17	Acrolein	56	1.800	1.800	(0.429)	107205	25.0000	26
19	3-Chloro-1-Propene	41	1.869	1.869	(0.445)	45590	5.00000	4
20	Methylene Chloride	84	1.938	1.938	(0.461)	53152	5.00000	6
21	Acetone	43	1.958	1.958	(0.466)	20687	5.00000	6
22	trans-1,2-Dichloroethene	96	2.027	2.027	(0.482)	27873	5.00000	4
23	Methyl Acetate	43	2.017	2.017	(0.480)	245477	5.00000	5
24	Methyl tert-Butyl Ether	73	2.076	2.076	(0.494)	109690	5.00000	5
25	tert-Butyl alcohol	59	2.125	2.125	(0.506)	31379	25.0000	27

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	26 Acetonitrile	41	2.253	2.253	(0.536)	158478	50.0000	54
	27 Isopropyl ether	45	2.312	2.312	(0.550)	137509	5.00000	5
	28 tert-Butyl ethyl ether	59	2.578	2.578	(0.614)	115730	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.411	2.411	(0.574)	22099	5.00000	9
	30 Acrylonitrile	53	2.460	2.460	(0.585)	39354	10.0000	10
	31 1,1-Dichloroethane	63	2.420	2.420	(0.576)	52272	5.00000	4
	32 Vinyl Acetate	43	2.598	2.598	(0.618)	228095	5.00000	5
	33 cis-1,2-Dichloroethene	96	2.844	2.844	(0.677)	38192	5.00000	4
	34 2,2-Dichloropropane	77	2.932	2.932	(0.698)	39990	5.00000	4
	35 Bromochloromethane	128	3.021	3.021	(0.719)	20750	5.00000	4
	37 Cyclohexane	84	3.021	3.021	(0.719)	21203	5.00000	10
	38 Chloroform	83	3.080	3.080	(0.733)	54999	5.00000	4
	39 Ethyl Acetate	43	3.198	3.198	(0.761)	8889	10.0000	12(M)
	40 Methyl Acrylate	55	3.208	3.208	(0.763)	42368	5.00000	5
$	41 Dibromofluoromethane	111	3.257	3.257	(0.775)	28740	5.00000	9
	42 Tetrahydrofuran	42	3.228	3.228	(0.768)	33503	10.0000	10
	43 Carbon Tetrachloride	117	3.208	3.208	(0.763)	23302	5.00000	3(M)
	44 1,1,1-Trichloroethane	97	3.287	3.287	(0.782)	35136	5.00000	8
	45 2-Butanone	43	3.395	3.395	(0.808)	25095	5.00000	5(M)
	46 1,1-Dichloropropene	75	3.405	3.405	(0.810)	29694	5.00000	9
	47 tert-Amyl methyl ether	73	3.828	3.828	(0.911)	111684	5.00000	5
	49 1-Chlorobutane	56	3.464	3.464	(0.824)	41299	5.00000	3
	51 Propionitrile	54	3.720	3.720	(0.885)	74427	50.0000	49
	52 Benzene	78	3.680	3.680	(0.876)	120375	5.00000	4
	53 2-Methyl-2-Propenenitrile	41	3.739	3.739	(0.890)	34312	5.00000	5(M)
	54 Isobutyl alcohol	42	3.995	3.995	(0.951)	40325	50.0000	54
$	55 1,2-Dichloroethane-d4	65	3.848	3.848	(0.916)	30691	5.00000	9
	56 1,2-Dichloroethane	62	3.926	3.926	(0.934)	41234	5.00000	4
	59 Methyl Cyclohexane	83	4.399	4.399	(1.047)	23843	5.00000	4
	60 Trichloroethene	130	4.419	4.419	(1.052)	25670	5.00000	7
	63 Dibromomethane	93	4.911	4.911	(1.169)	30516	5.00000	4
	64 1,2-Dichloropropane	63	5.029	5.029	(1.197)	33071	5.00000	4(T)
	65 Bromodichloromethane	83	5.117	5.117	(1.218)	44337	5.00000	4
	66 Methyl Methacrylate	69	5.324	5.324	(1.267)	31856	5.00000	5
	67 1,4-Dioxane	58	5.354	5.354	(1.274)	9348	50.0000	52
	69 2-Chloroethylvinylether	63	5.767	5.767	(1.372)	69696	5.00000	5
	70 cis-1,3-Dichloropropene	75	5.796	5.796	(1.379)	55863	5.00000	4
	71 Chloroacetonitrile	48	6.220	6.220	(1.480)	21215	50.0000	49
	72 2-Nitropropane	41	6.269	6.269	(1.492)	22909	10.0000	9(M)
	73 trans-1,3-Dichloropropene	75	6.466	6.466	(1.539)	51676	5.00000	4
	74 1,1,2-Trichloroethane	97	6.613	6.613	(1.574)	37044	5.00000	4
*	75 Chlorobenzene-d5	117	7.460	7.460	(1.000)	699831	25.0000	
	76 Toluene	91	6.033	6.033	(0.809)	120432	5.00000	4
$	77 Toluene-d8	98	5.983	5.983	(0.802)	79120	5.00000	9
	78 1,1-Dichloro-2-propanone	43	6.279	6.279	(0.842)	148878	25.0000	25(M)
	79 4-Methyl-2-Pentanone	43	6.436	6.436	(0.863)	54701	5.00000	5
	80 Tetrachloroethene	164	6.407	6.407	(0.859)	17804	5.00000	9
	81 Ethyl Methacrylate	69	6.663	6.663	(0.893)	53388	5.00000	4
	82 Dibromochloromethane	129	6.771	6.771	(0.908)	37894	5.00000	4
	83 1,3-Dichloropropane	76	6.869	6.869	(0.921)	62770	5.00000	5
	84 1,2-Dibromoethane	107	6.968	6.968	(0.934)	44714	5.00000	5
	86 2-Hexanone	43	7.243	7.243	(0.971)	38929	5.00000	5
	87 1-Chlorohexane	91	7.499	7.499	(1.005)	36562	5.00000	4(M)
	88 Chlorobenzene	112	7.470	7.470	(1.001)	85006	5.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
89	1,1,1,2-Tetrachloroethane	131	7.539	7.539	(1.011)	27312	5.00000	4(M)
90	Ethylbenzene	106	7.519	7.519	(1.008)	32774	5.00000	4
91	Xylene (total)mp	106	7.657	7.657	(1.026)	86734	10.0000	8
92	Xylene (total)o	106	8.031	8.031	(1.077)	45802	5.00000	4
93	Styrene	104	8.080	8.080	(1.083)	84198	5.00000	4
94	Bromoform	173	8.090	8.090	(1.084)	28664	5.00000	4
* 95	1,4-Dichlorobenzene-d4	152	9.527	9.527	(1.000)	289445	25.0000	
96	Isopropylbenzene	105	8.316	8.316	(0.873)	81438	5.00000	4
97	Bromobenzene	156	8.631	8.631	(0.906)	35352	5.00000	4
98	1,1,2,2-Tetrachloroethane	83	8.759	8.759	(0.919)	62288	5.00000	5
99	4-Ethyltoluene	105	8.789	8.789	(0.923)	90838	5.00000	4
100	1,2,3-Trichloropropane	110	8.857	8.857	(0.930)	15298	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	8.907	8.907	(0.935)	24254	10.0000	9
102	n-Propylbenzene	91	8.680	8.680	(0.911)	108125	5.00000	4
103	2-Chlorotoluene	91	8.798	8.798	(0.924)	85011	5.00000	4
104	4-Chlorotoluene	91	8.946	8.946	(0.939)	82861	5.00000	4
105	1,3,5-Trimethylbenzene	105	8.867	8.867	(0.931)	69709	5.00000	4
106	tert-Butylbenzene	119	9.133	9.133	(0.959)	53542	5.00000	4
107	1,2,4-Trimethylbenzene	105	9.202	9.202	(0.966)	79551	5.00000	4
108	sec-Butylbenzene	105	9.291	9.291	(0.975)	97003	5.00000	5
109	4-Isopropyltoluene	119	9.419	9.419	(0.989)	70370	5.00000	5
110	1,3-Dichlorobenzene	146	9.458	9.458	(0.993)	47202	5.00000	4
111	1,4-Dichlorobenzene	146	9.537	9.537	(1.001)	51502	5.00000	4
112	1,2-Dichlorobenzene	146	9.901	9.901	(1.039)	53683	5.00000	5
113	Benzyl Chloride	126	9.763	9.763	(1.025)	15760	5.00000	4
114	1,4-Diethylbenzene	119	9.733	9.733	(2.316)	36926	5.00000	5
115	n-Butylbenzene	91	9.783	9.783	(1.027)	114676	5.00000	6(M)
118	1,2,4,5-Tetramethylbenzene	119	10.442	10.442	(2.485)	81623	5.00000	5
119	1,2-Dibromo-3-chloropropane	75	10.600	10.600	(1.113)	8206	5.00000	5
120	Nitrobenzene	77	11.082	11.082	(1.163)	46610	50.0000	49
121	1,2,4-Trichlorobenzene	180	11.190	11.190	(1.175)	40820	5.00000	6
122	Hexachlorobutadiene	225	11.180	11.180	(1.174)	32048	5.00000	10
123	Naphthalene	128	11.466	11.466	(1.204)	139105	5.00000	6
124	1,2,3-Trichlorobenzene	180	11.633	11.633	(1.221)	41280	5.00000	6
$ 125	Bromofluorobenzene	95	8.552	8.552	(0.898)	40777	5.00000	9
M 126	1,2-Dichloroethene (total)	100				66065	10.0000	8
M 127	Xylene (total)	100				132536	15.0000	13

QC Flag Legend

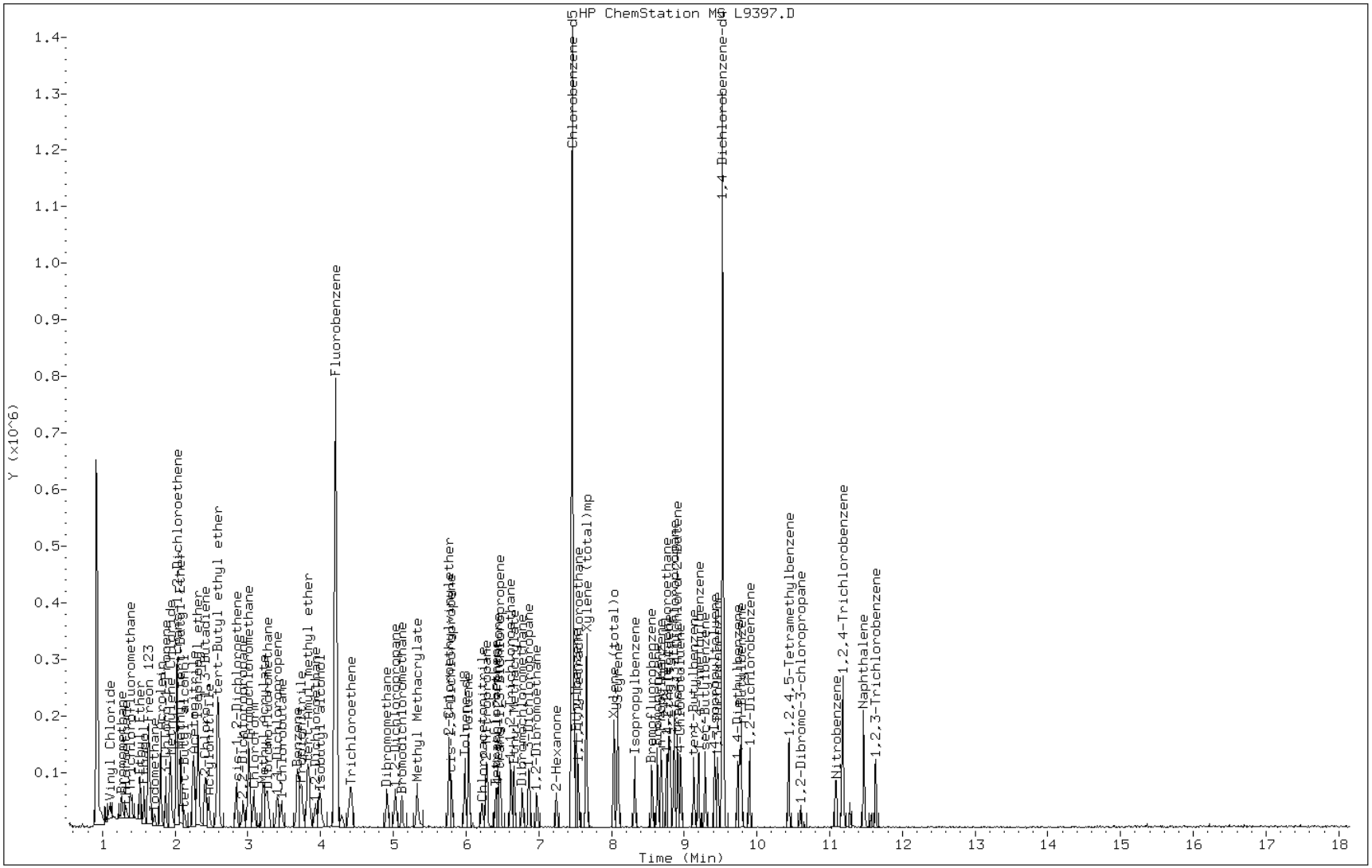
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: L9397.D

Date: 02-MAY-2011 20:37

Client ID: IC;5 Instrument: msl.i

Sample Info: IC;5 Operator: E. LYNCH



Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/02/2011

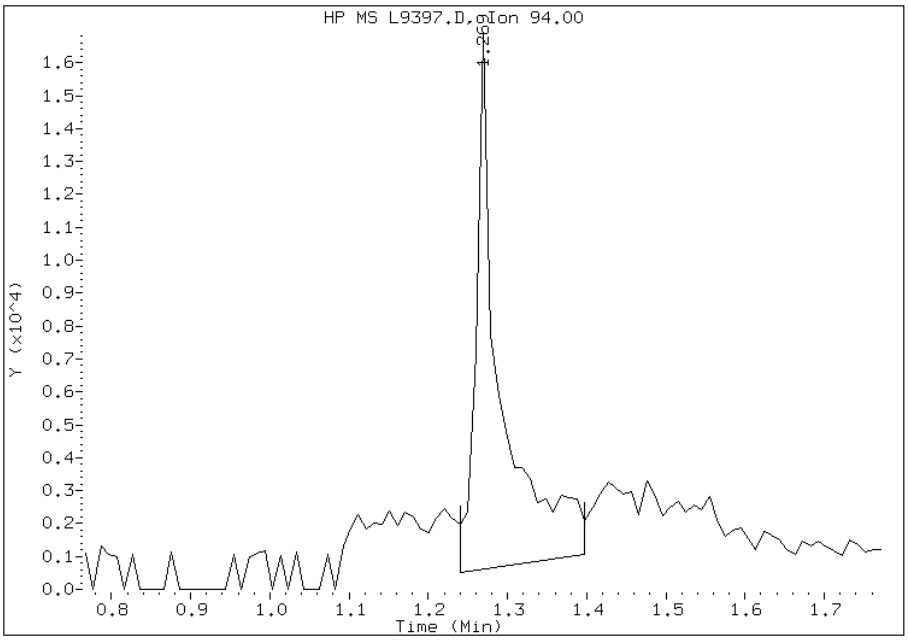
Processing Integration Results

RT: 1.27

Response: 36804

Amount: 8

Conc: 8



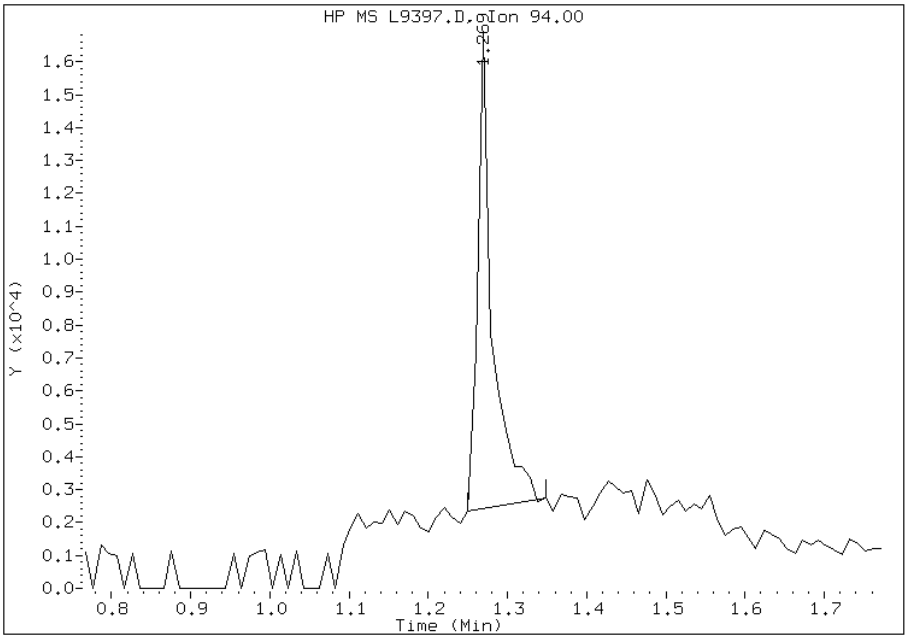
Manual Integration Results

RT: 1.27

Response: 19563

Amount: -3

Conc: -3



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 05/02/2011

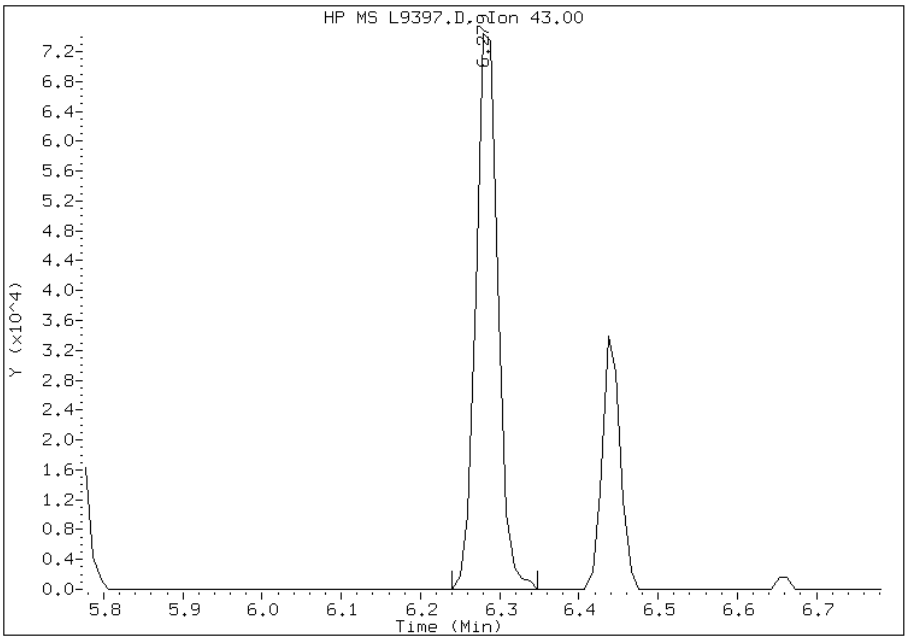
Processing Integration Results

RT: 6.28

Response: 148878

Amount: 25

Conc: 25



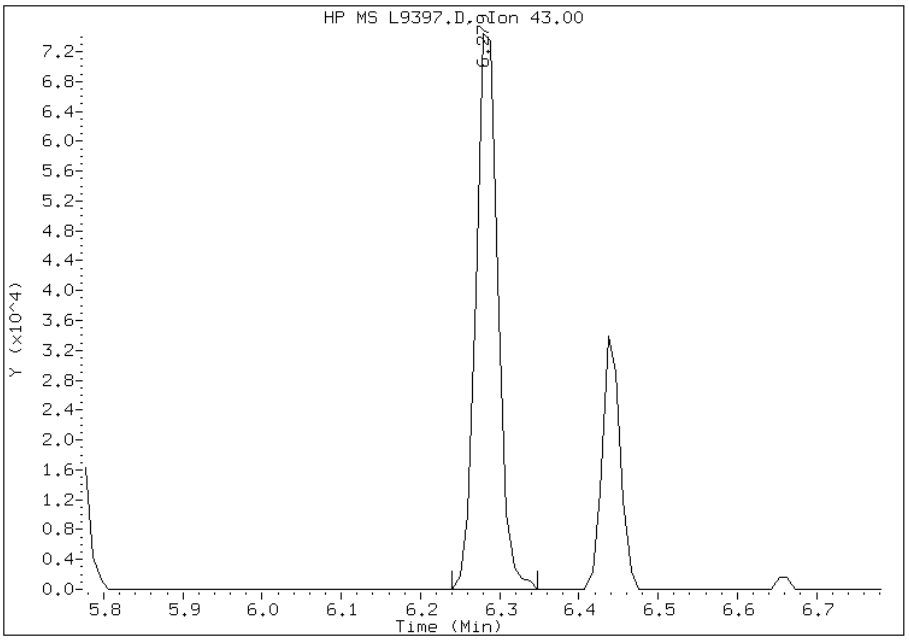
Manual Integration Results

RT: 6.28

Response: 148878

Amount: 25

Conc: 25



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 4 Vinyl Chloride
CAS #: 75-01-4
Report Date: 05/02/2011

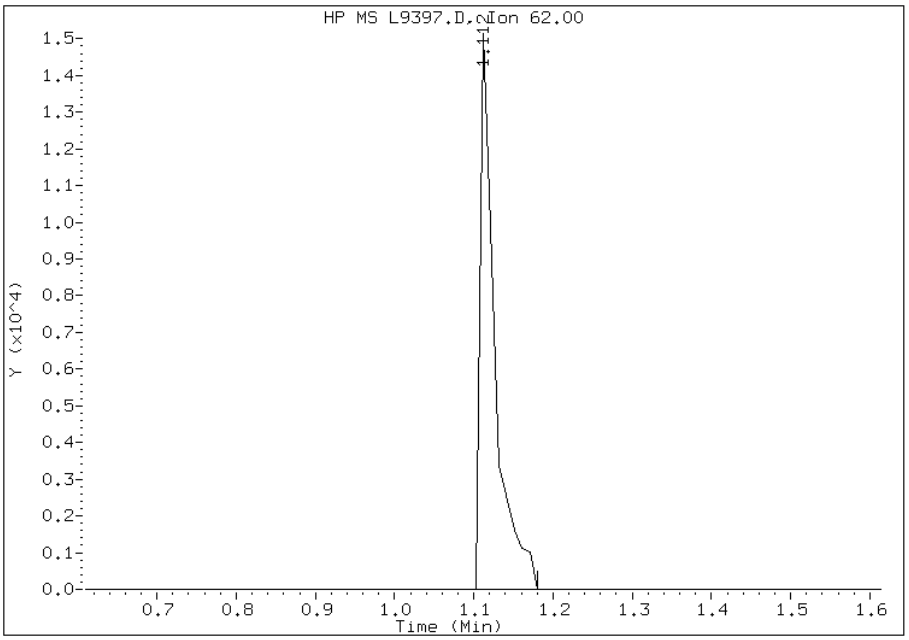
Processing Integration Results

RT: 1.11

Response: 20500

Amount: 3

Conc: 3



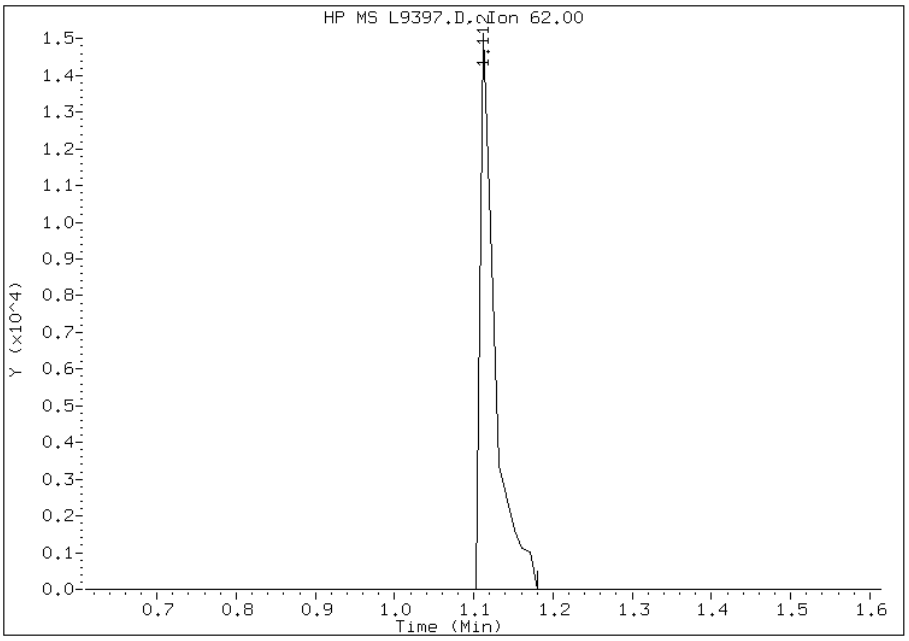
Manual Integration Results

RT: 1.11

Response: 20500

Amount: 3

Conc: 3



Manually Integrated By: eon
Manual Integration Reason:

Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/02/2011

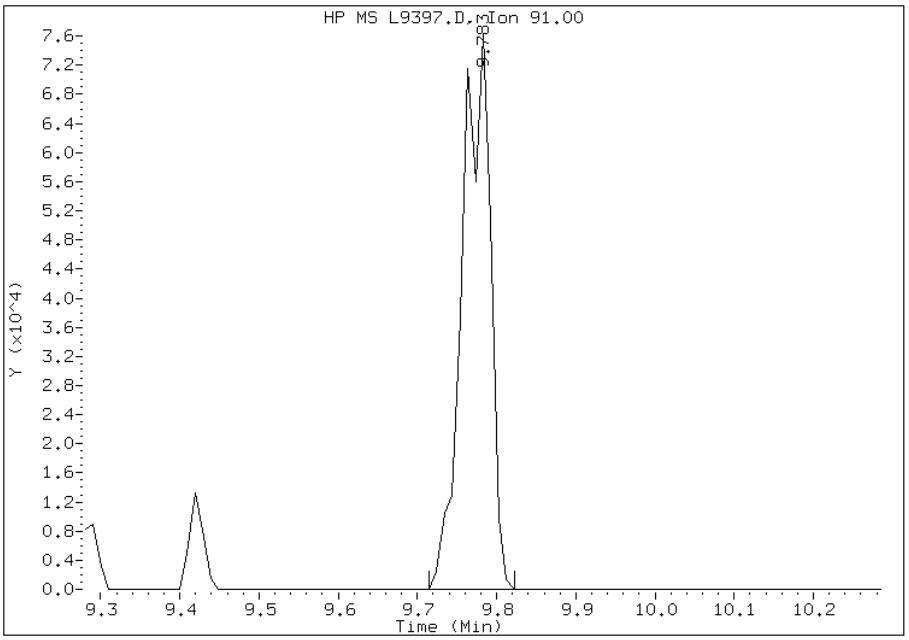
Processing Integration Results

RT: 9.78

Response: 194131

Amount: 5

Conc: 5



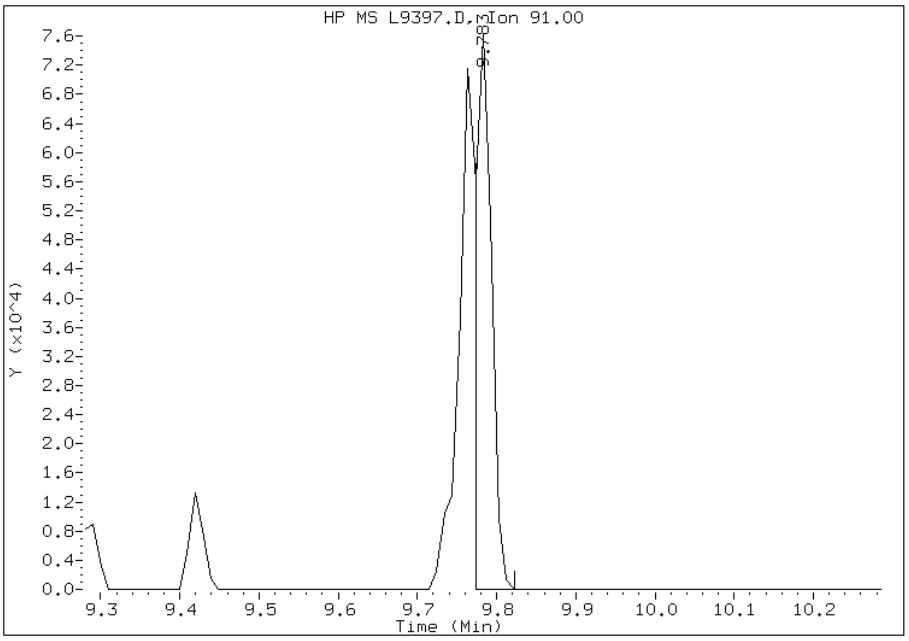
Manual Integration Results

RT: 9.78

Response: 114676

Amount: 6

Conc: 6



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

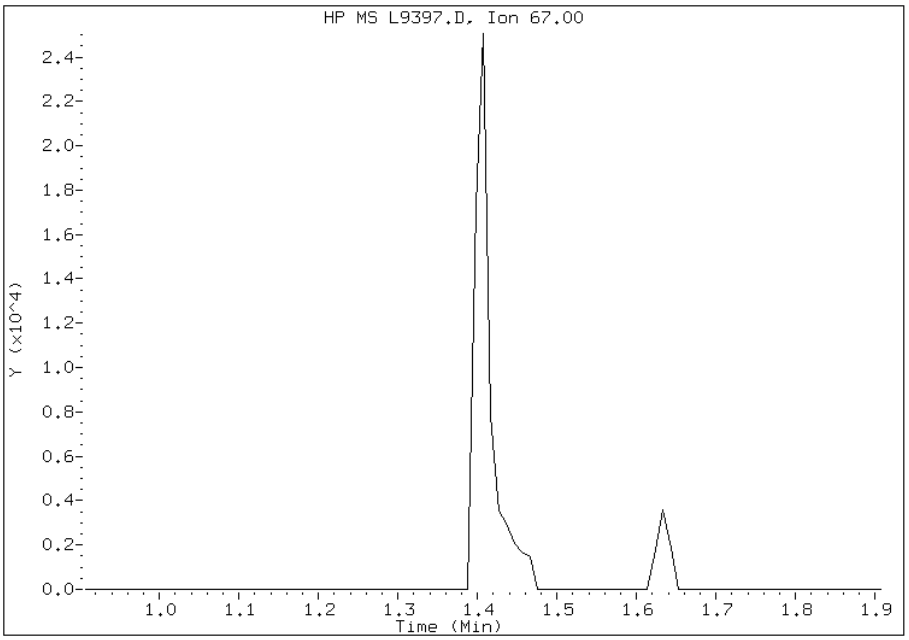
Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 8 Dichlorofluoromethane
CAS #: 75-43-4
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 1.41



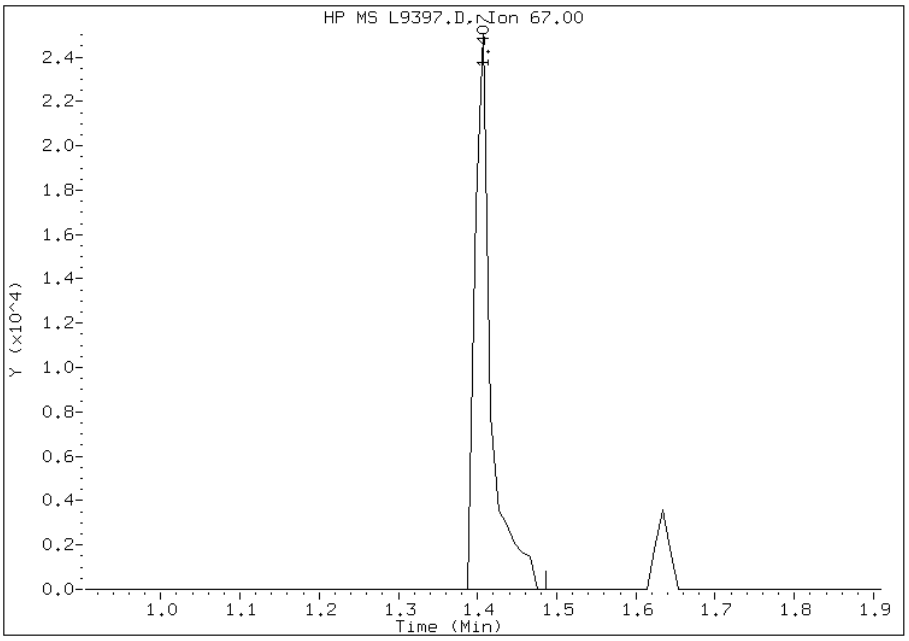
Manual Integration Results

RT: 1.41

Response: 36611

Amount: 4

Conc: 4



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/02/2011

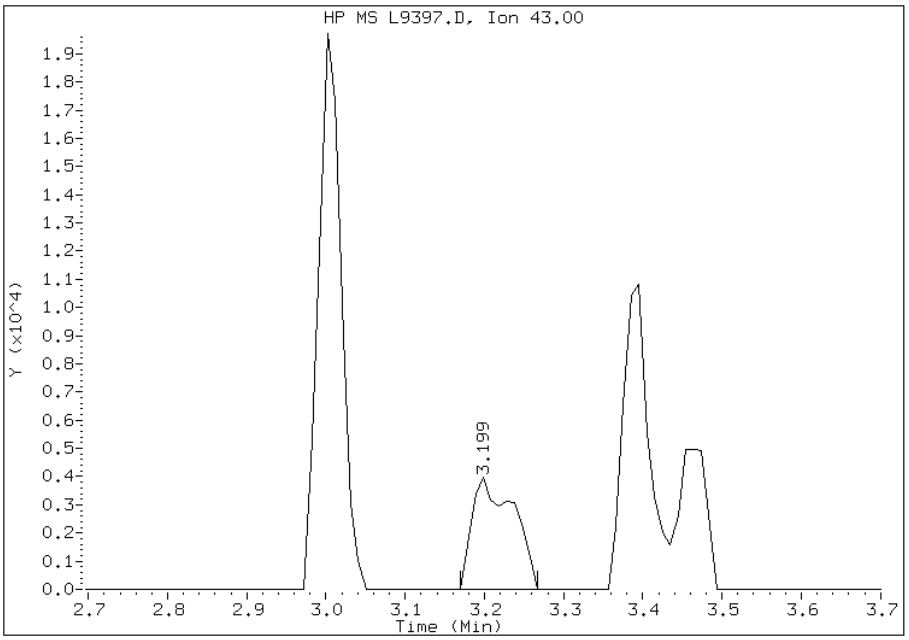
Processing Integration Results

RT: 3.20

Response: 14608

Amount: 18

Conc: 18



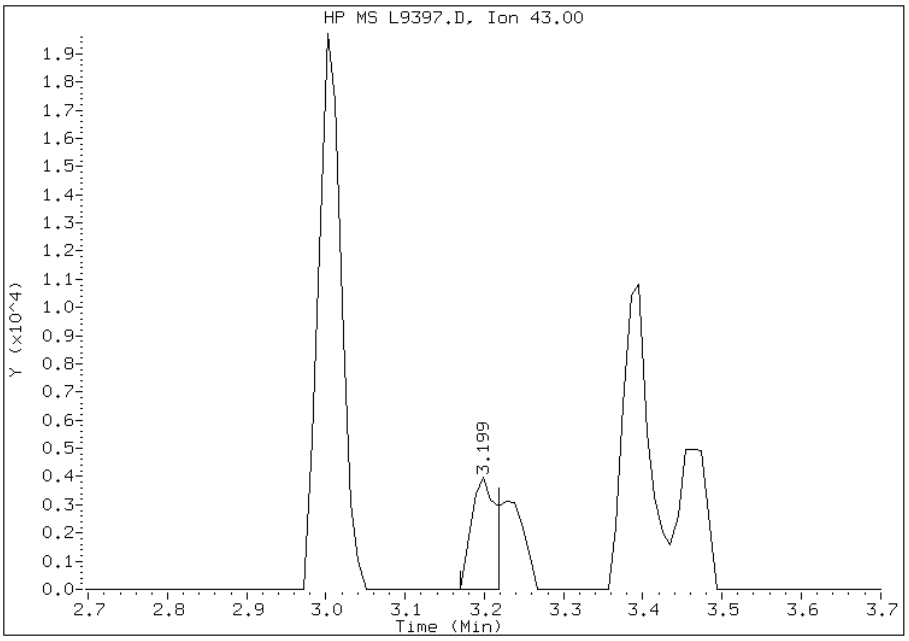
Manual Integration Results

RT: 3.20

Response: 8889

Amount: 12

Conc: 12



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

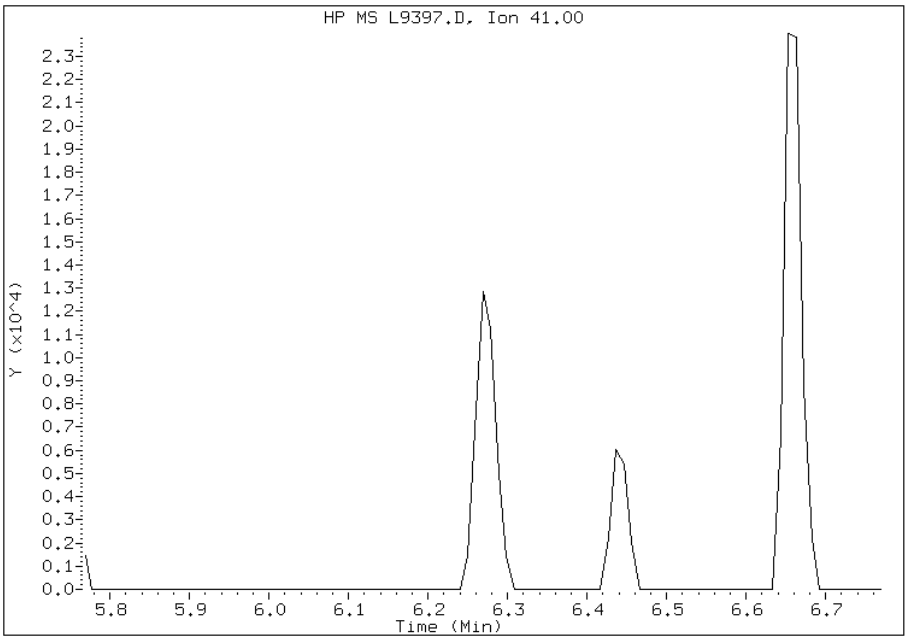
Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 6.27



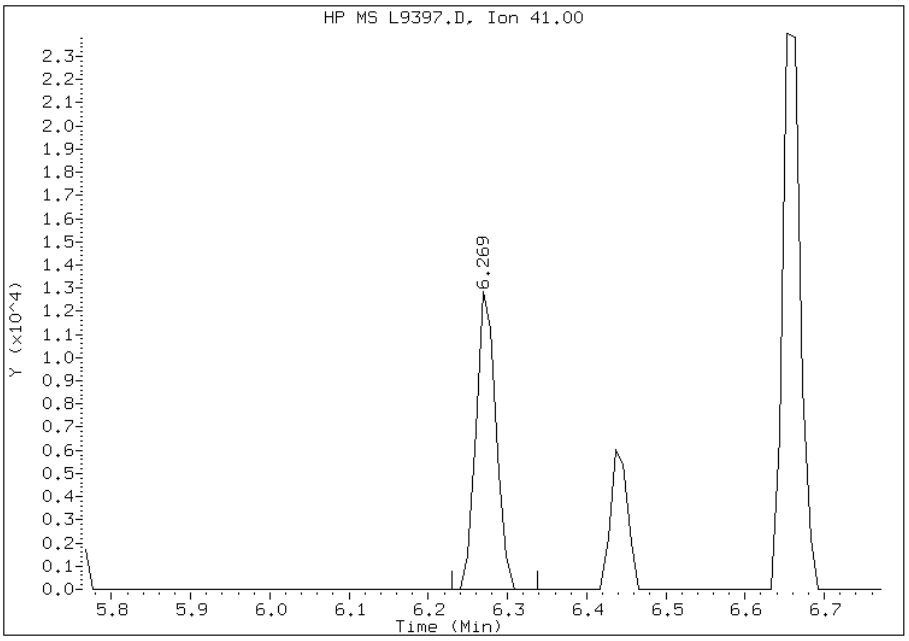
Manual Integration Results

RT: 6.27

Response: 22909

Amount: 9

Conc: 9



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

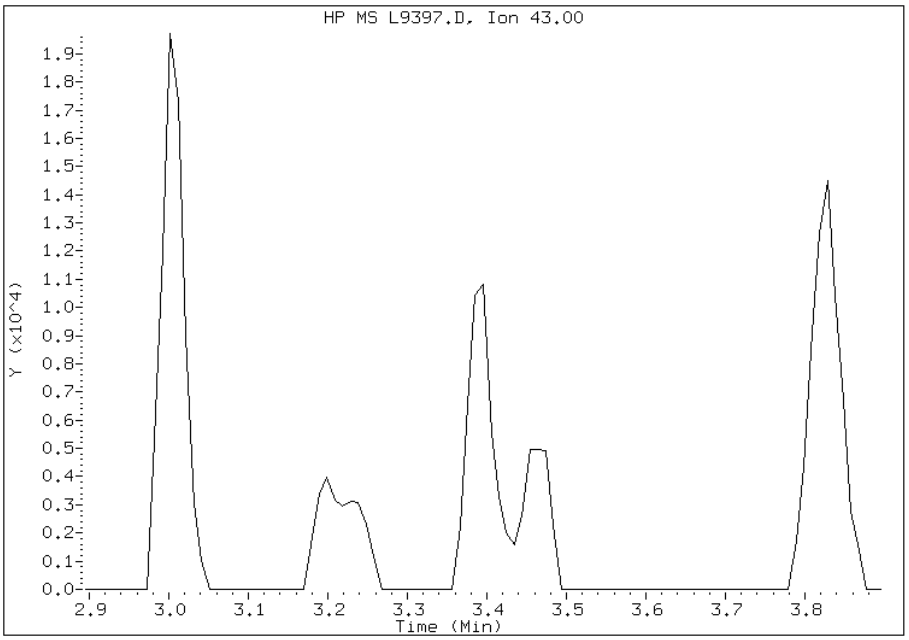
Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 3.40



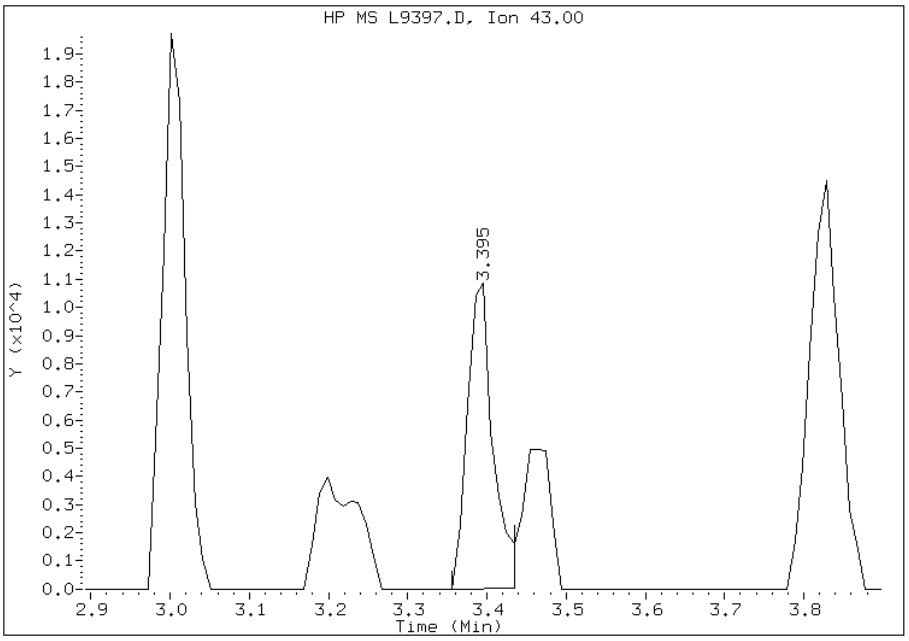
Manual Integration Results

RT: 3.40

Response: 25095

Amount: 5

Conc: 5



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/02/2011

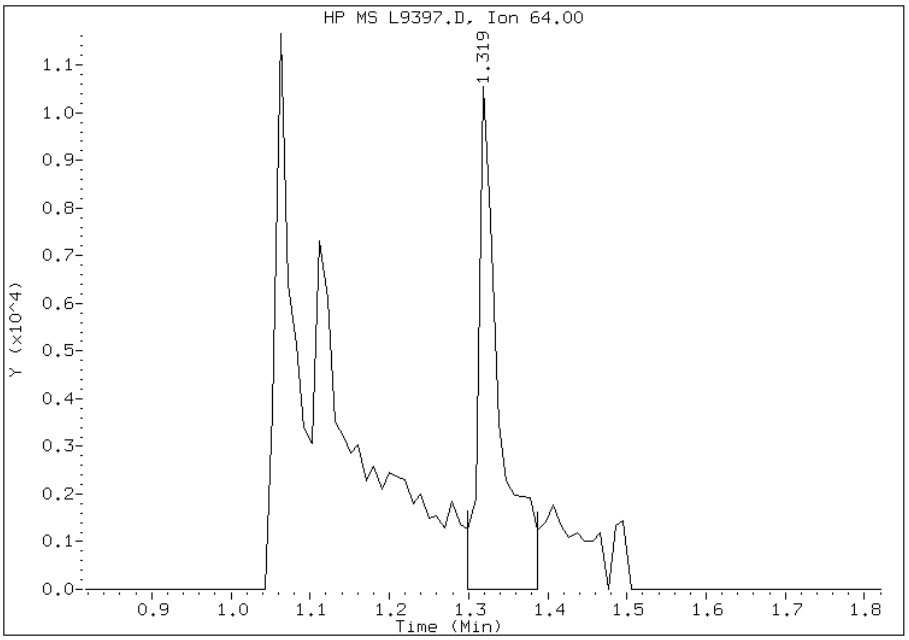
Processing Integration Results

RT: 1.32

Response: 20250

Amount: 6

Conc: 6



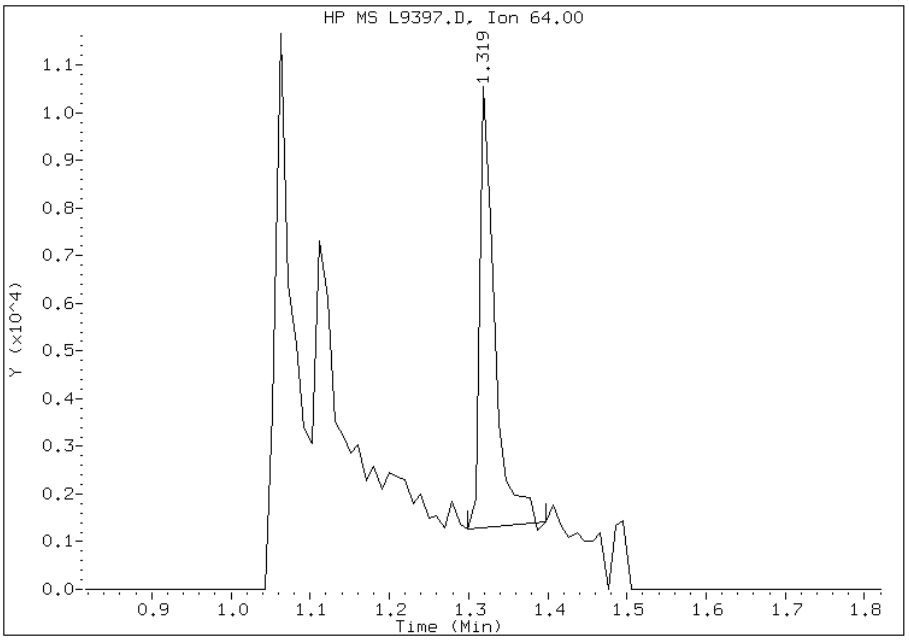
Manual Integration Results

RT: 1.32

Response: 12394

Amount: 5

Conc: 5



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/02/2011

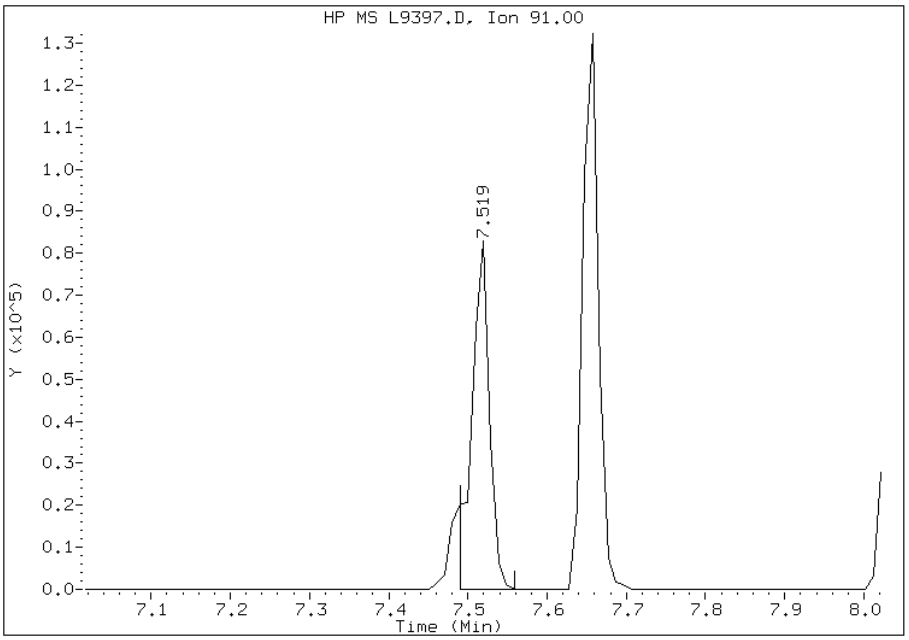
Processing Integration Results

RT: 7.52

Response: 135322

Amount: 12

Conc: 12



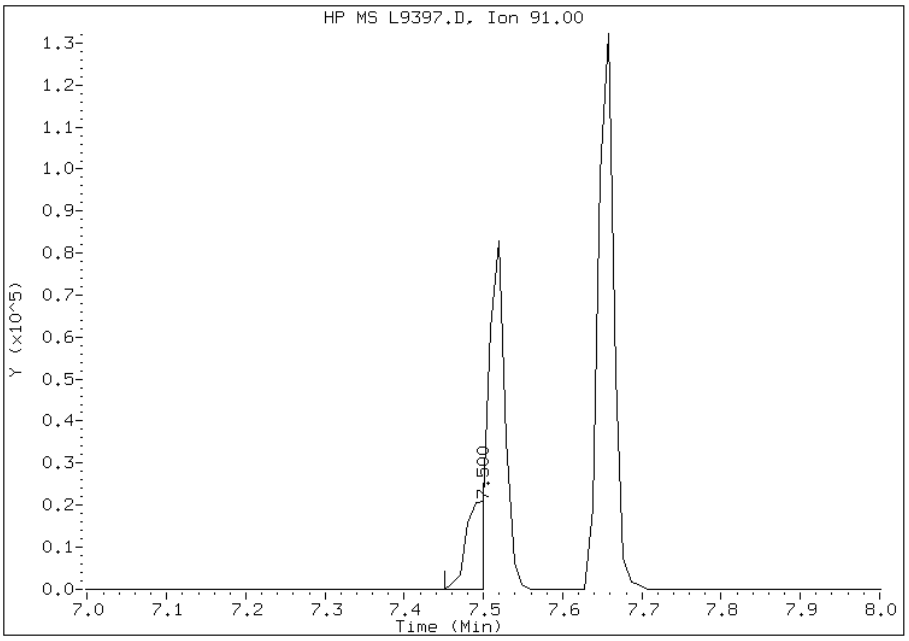
Manual Integration Results

RT: 7.50

Response: 36562

Amount: 4

Conc: 4



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

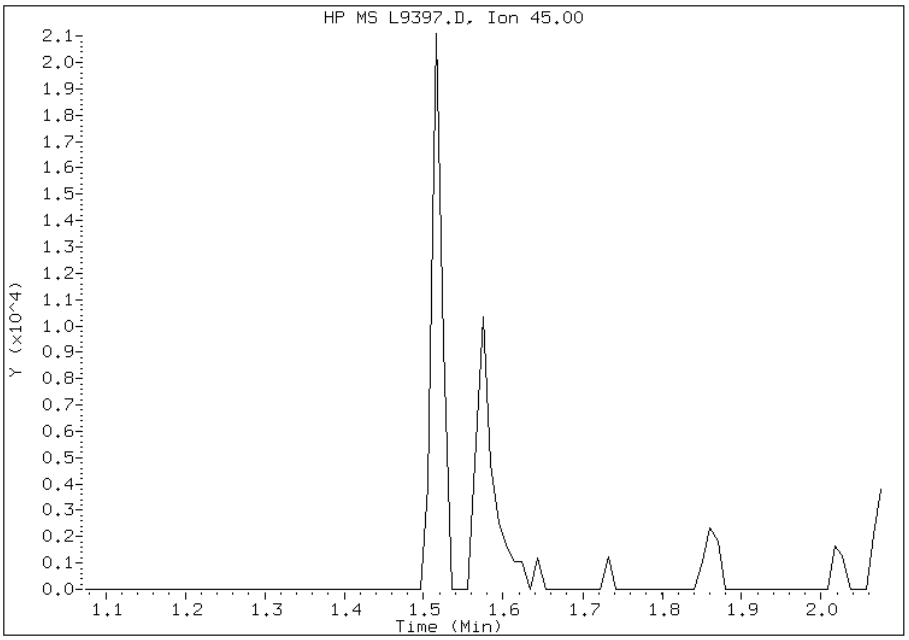
Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 1.58



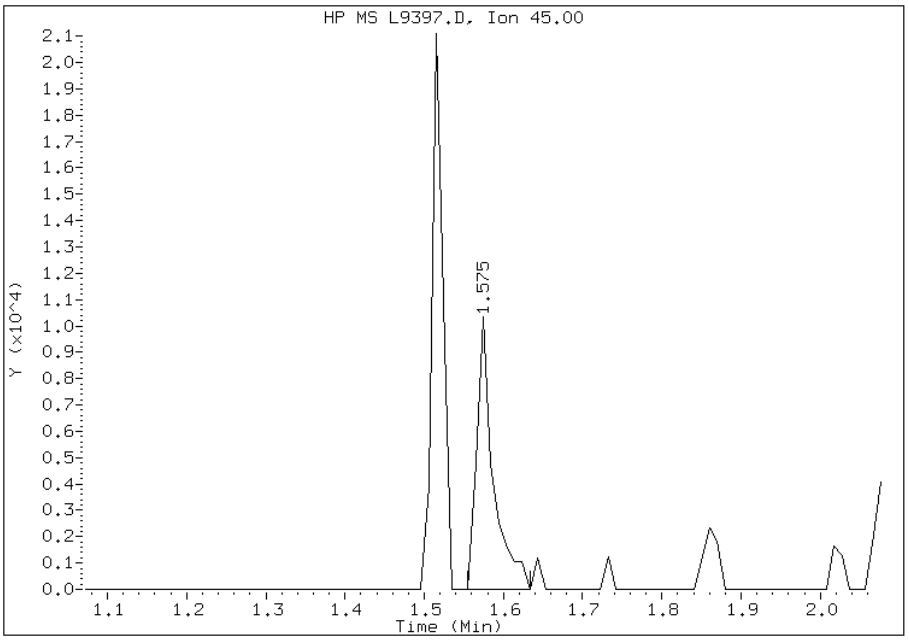
Manual Integration Results

RT: 1.57

Response: 15519

Amount: 44

Conc: 44



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

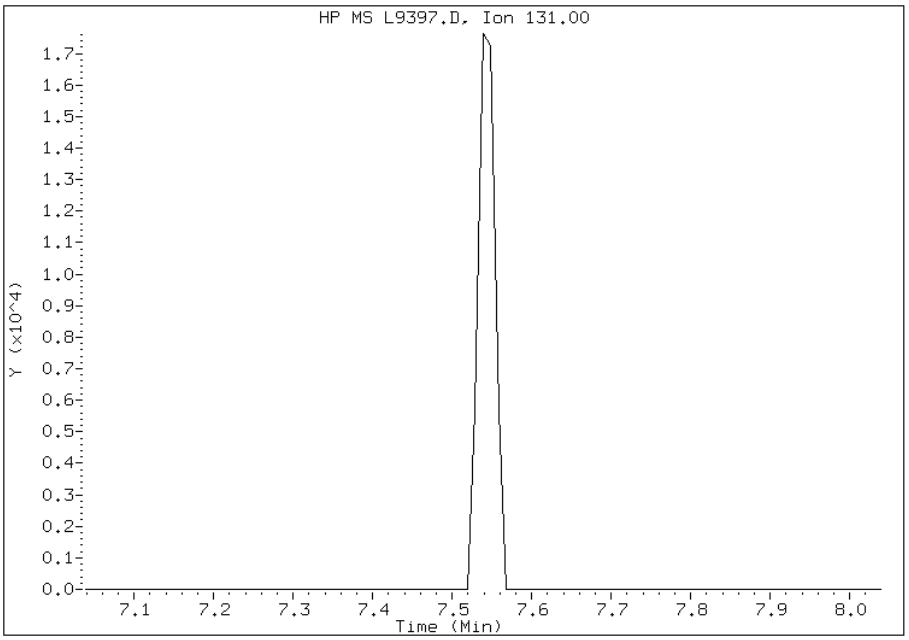
Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 89 1,1,1,2-Tetrachloroethane
CAS #: 630-20-6
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 7.54



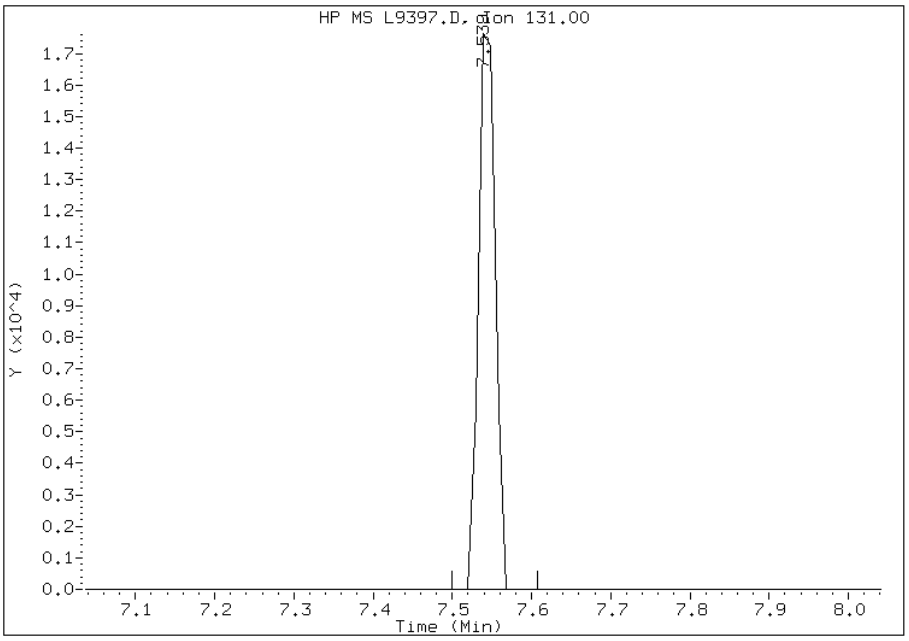
Manual Integration Results

RT: 7.54

Response: 27312

Amount: 4

Conc: 4



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 43 Carbon Tetrachloride
CAS #: 56-23-5
Report Date: 05/02/2011

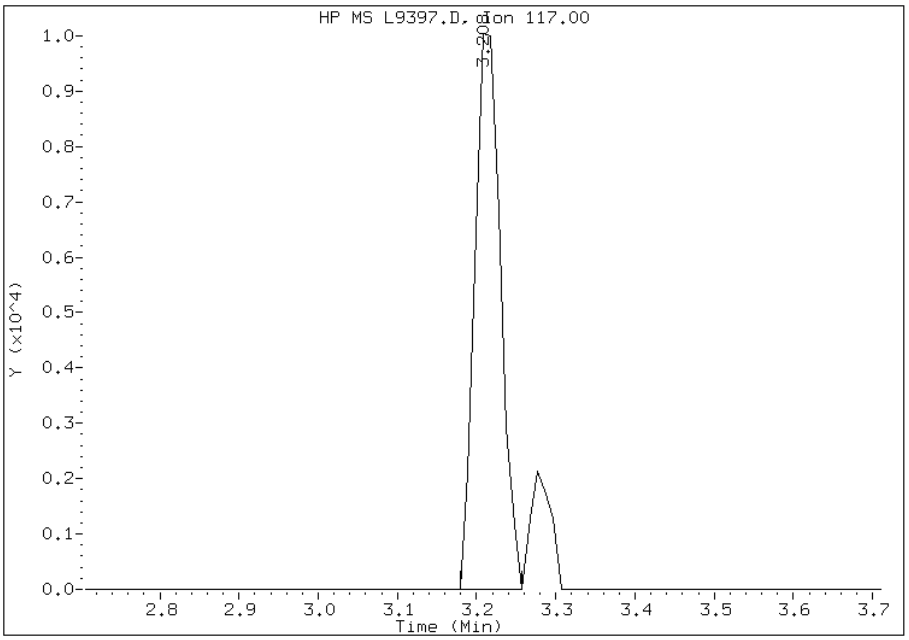
Processing Integration Results

RT: 3.21

Response: 23302

Amount: 3

Conc: 3



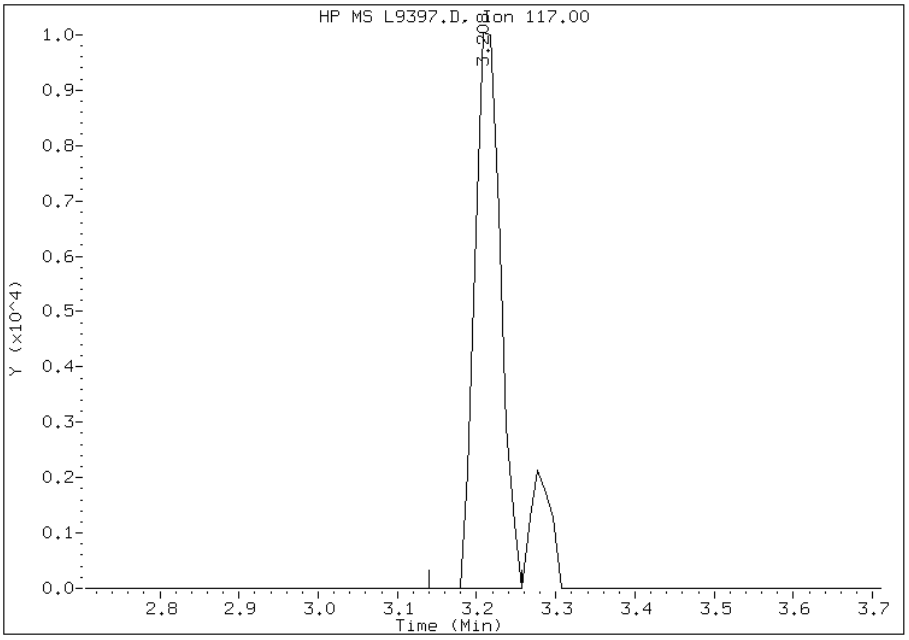
Manual Integration Results

RT: 3.21

Response: 23302

Amount: 3

Conc: 3



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9397.D
Inj. Date and Time: 02-MAY-2011 20:37
Instrument ID: msl.i
Client ID: IC;5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/02/2011

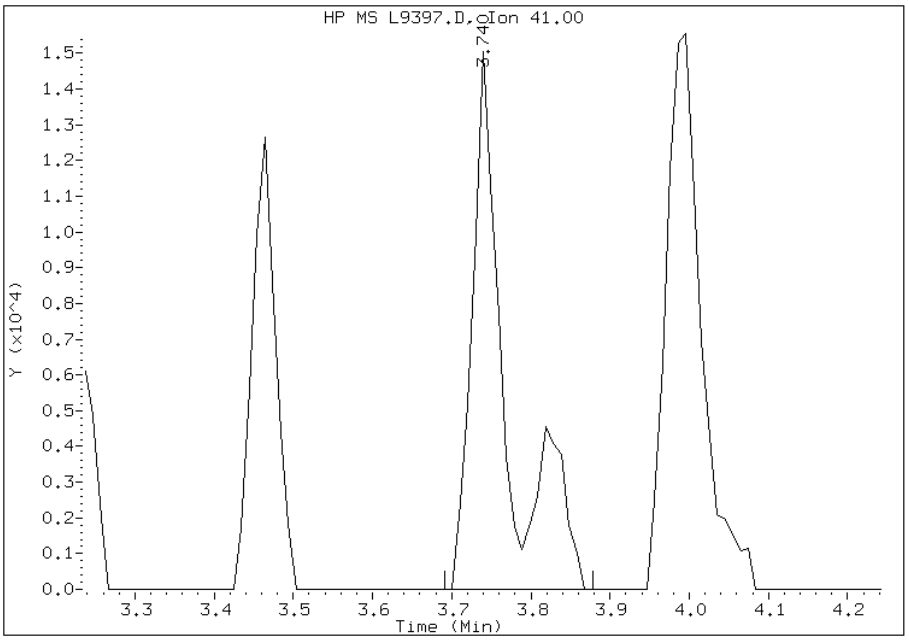
Processing Integration Results

RT: 3.74

Response: 45900

Amount: 6

Conc: 6



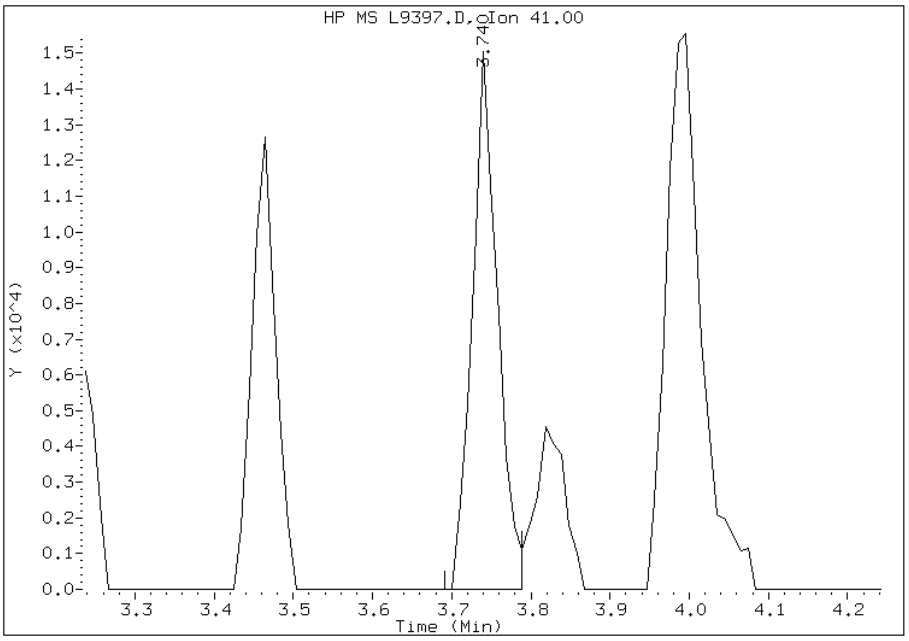
Manual Integration Results

RT: 3.74

Response: 34312

Amount: 5

Conc: 5



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50432/6	O3678.D
Level 2	IC 220-50432/5	O3677.D
Level 3	IC 220-50432/4	O3676.D
Level 4	IC 220-50432/3	O3675.D
Level 5	IC 220-50432/2	O3674.D
Level 6	IC 220-50432/1	O3673.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.5292 0.6572	0.5075	0.6296	0.6807	0.6488	Ave		0.6088				11.9		15.0			
Chloromethane	0.8437 0.8561	0.7998	0.8542	0.9328	0.8518	Ave		0.8564			0.1000	5.0		15.0			
Vinyl chloride	0.6929 0.7340	0.6862	0.7179	0.7615	0.7222	Ave		0.7191				3.8		30.0			
Bromomethane	0.5904 0.3165	0.3796	0.3961	0.3530	0.3249	Lin	-0.320	0.3101							0.9963		
Chloroethane	0.3718 0.1693	0.3276	0.3533	0.3091	0.2041	Ave		0.2892				28.7	*	15.0			
Trichlorofluoromethane	0.7611 0.7487	0.7304	0.7480	0.8075	0.7510	Ave		0.7578				3.5		15.0			
Dichlorofluoromethane	0.9020 0.7290	0.8392	0.7992	0.8752	0.7878	Ave		0.8221				7.7		15.0			
Ethyl ether	0.3134 0.2750	0.3019	0.2853	0.3047	0.2931	Ave		0.2956				4.7		15.0			
Ethanol	0.0271 0.0248	0.0261	0.0245	0.0259	0.0273	Ave		0.0260				4.4		15.0			
1,1-Dichloroethene	0.4653 0.4381	0.4562	0.4347	0.4769	0.4455	Ave		0.4528				3.6		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5596 0.5453	0.5615	0.5324	0.5863	0.5560	Ave		0.5569				3.2		15.0			
Carbon disulfide	1.8318 1.8766	1.8327	1.7854	1.9922	1.8979	Ave		1.8694				3.8		15.0			
Iodomethane	0.7959 0.9295	0.8353	0.8533	0.9875	0.9339	Ave		0.8892				8.1		15.0			
Acrolein	0.3278 0.3055	0.3145	0.3039	0.3064	0.3205	Ave		0.3131				3.1		15.0			
3-Chloro-1-propene	0.9239 0.9138	0.9323	0.8820	0.9893	0.9329	Ave		0.9291				3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl alcohol	0.0837 0.0570	0.0517	0.0516	0.0500	0.0553	Lin	0.1168	0.0566							0.9957		
Methylene Chloride	+++++ 0.6059	0.7618	0.6282	0.6716	0.6303	Ave		0.6596				9.4		15.0			
Acetone	+++++ 0.3233	0.4058	0.2748	0.2739	0.2996	Ave		0.3155				17.3	*	15.0			
Methyl acetate	2.8858 2.5088	2.6903	2.4864	2.5551	2.7009	Ave		2.6379				5.7		15.0			
trans-1,2-Dichloroethene	0.5887 0.5737	0.5936	0.5524	0.6230	0.5878	Ave		0.5865				4.0		15.0			
Methyl tert-butyl ether	1.5774 1.5085	1.5643	1.4608	1.5920	1.5746	Ave		1.5463				3.3		15.0			
tert-Butyl alcohol	0.0966 0.0888	0.0929	0.0862	0.0839	0.0981	Ave		0.0911				6.3		15.0			
Acetonitrile	0.2564 0.2297	0.1997	0.1841	0.1852	0.2443	Ave		0.2166				14.4		15.0			
Isopropyl ether	2.1863 2.1044	2.1815	2.0463	2.2702	2.1887	Ave		2.1629				3.6		15.0			
2-Chloro-1,3-butadiene	0.5559 0.5509	0.5581	0.5215	0.5863	0.5673	Ave		0.5567				3.8		15.0			
1,1-Dichloroethane	1.0917 1.0057	1.0754	0.9837	1.0861	1.0376	Ave		1.0467			0.1000	4.3		15.0			
Acrylonitrile	0.2749 0.2725	0.2583	0.2422	0.2868	0.2919	Ave		0.2711				6.8		15.0			
Tert-butyl ethyl ether	1.8827 1.7788	1.8497	1.7337	1.9264	1.8559	Ave		1.8379				3.8		15.0			
Vinyl acetate	3.4627 3.4857	3.4345	3.3844	3.5578	3.6007	Ave		3.4876				2.3		15.0			
cis-1,2-Dichloroethene	0.6895 0.6642	0.6929	0.6305	0.7134	0.6957	Ave		0.6810				4.3		15.0			
2,2-Dichloropropane	1.0900 0.8022	0.8550	0.7572	0.8384	0.7952	Ave		0.8563				14.0		15.0			
Heptane	1.0927 0.9002	0.9902	0.8800	0.9631	0.9166	Ave		0.9571				8.1		15.0			
Bromochloromethane	0.3454 0.3380	0.3572	0.3378	0.3745	0.3535	Ave		0.3510				4.0		15.0			
Cyclohexane	0.9188 0.8695	0.8815	0.8527	0.9345	0.8983	Ave		0.8926				3.4		15.0			
Chloroform	1.0261 0.9865	1.0369	0.9771	1.0845	1.0124	Ave		1.0206				3.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.1189 0.0857	0.1122	0.0919	0.0863	0.0924	Ave		0.0979				14.4		15.0			
Methyl acrylate	0.5517 0.5700	0.6012	0.5621	0.5943	0.6140	Ave		0.5822				4.2		15.0			
Carbon tetrachloride	0.7534 0.7558	0.7602	0.7154	0.8006	0.7603	Ave		0.7576				3.6		15.0			
Tetrahydrofuran	0.2469 0.2191	0.2469	0.2223	0.2214	0.2408	Ave		0.2329				5.7		15.0			
1,1,1-Trichloroethane	0.7658 0.7683	0.7794	0.7303	0.8161	0.7747	Ave		0.7724				3.6		15.0			
Methyl Ethyl Ketone	0.6806 0.3958	0.4452	0.3356	0.3488	0.3966	Lin	0.0731	0.3942							0.9936		
1,1-Dichloropropene	1.0850 0.8086	0.8852	0.7659	0.8539	0.8172	Ave		0.8693				13.0		15.0			
1-Chlorobutane	1.1140 1.1161	1.1337	1.0395	1.1652	1.1258	Ave		1.1157				3.7		15.0			
Benzene	2.3480 2.2153	2.3395	2.1624	2.3744	2.2766	Ave		2.2860				3.7		15.0			
Propionitrile	0.0999 0.0902	0.0945	0.0898	0.0917	0.0969	Ave		0.0938				4.3		15.0			
Methacrylonitrile	0.4155 0.3924	0.4178	0.3935	0.4122	0.4272	Ave		0.4098				3.4		15.0			
Tert-amyl methyl ether	1.6871 1.5980	1.6856	1.5567	1.7203	1.6676	Ave		1.6525				3.8		15.0			
1,2-Dichloroethane	0.6357 0.6398	0.6519	0.6026	0.6720	0.6539	Ave		0.6427				3.6		15.0			
Isobutyl alcohol	0.0972 0.1051	0.1005	0.0979	0.0968	0.1129	Ave		0.1017				6.2		15.0			
Methylcyclohexane	1.0351 1.0142	1.0480	0.9477	1.0685	1.0258	Ave		1.0232				4.1		15.0			
Trichloroethene	0.6266 0.6282	0.6501	0.5976	0.6685	0.6364	Ave		0.6345				3.8		15.0			
Dibromomethane	0.4126 0.4116	0.4228	0.4020	0.4358	0.4311	Ave		0.4193				3.1		15.0			
1,2-Dichloropropane	0.6680 0.6192	0.6568	0.6111	0.6890	0.6378	Ave		0.6470				4.6		30.0			
Bromodichloromethane	0.7060 0.7321	0.7209	0.6889	0.7751	0.7447	Ave		0.7280				4.2		15.0			
Methyl methacrylate	0.4111 0.4455	0.4442	0.4170	0.4511	0.4726	Ave		0.4402				5.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.0071 0.0123	0.0112	0.0115	0.0116	0.0129	Lin	1.3276	0.0126							0.9976		
2-Chloroethyl vinyl ether	0.7519 0.8148	0.8062	0.7782	0.8301	0.8417	Ave		0.8038				4.2		15.0			
cis-1,3-Dichloropropene	0.9667 0.9512	0.9761	0.9032	1.0085	0.9713	Ave		0.9629				3.6		15.0			
Toluene	2.5384 2.4618	2.4896	2.2811	2.5114	2.4163	Ave		2.4498				3.8		30.0			
Chloroacetonitrile	0.0252 0.0259	0.0247	0.0254	0.0253	0.0278	Ave		0.0257				4.2		15.0			
2-Nitropropane	0.1243 0.1366	0.1321	0.1286	0.1362	0.1476	Ave		0.1342				6.0		15.0			
1,1-Dichloro-2-propanone	0.3854 0.3775	0.3703	0.3646	0.3625	0.4065	Ave		0.3778				4.3		15.0			
Tetrachloroethene	0.4979 0.5375	0.5383	0.4891	0.5298	0.5108	Ave		0.5172				4.1		15.0			
methyl isobutyl ketone	0.6639 0.7021	0.7118	0.6651	0.6755	0.7164	Ave		0.6891				3.5		15.0			
trans-1,3-Dichloropropene	0.8185 0.8218	0.8481	0.7858	0.8697	0.8493	Ave		0.8322				3.6		15.0			
1,1,2-Trichloroethane	0.5222 0.5041	0.5321	0.5036	0.5439	0.5278	Ave		0.5223				3.1		15.0			
Ethyl methacrylate	0.6997 0.8142	0.7801	0.7478	0.8105	0.8227	Ave		0.7792				6.1		15.0			
Dibromochloromethane	0.6230 0.6595	0.6501	0.6112	0.6763	0.6627	Ave		0.6471				3.9		15.0			
1,3-Dichloropropane	0.9234 0.9316	0.9597	0.8896	0.9623	0.9422	Ave		0.9348				2.9		15.0			
1,2-Dibromoethane	0.5996 0.6218	0.6337	0.5906	0.6260	0.6254	Ave		0.6162				2.8		15.0			
2-Hexanone	0.6032 0.5549	0.5402	0.4753	0.4852	0.5379	Ave		0.5328				8.8		15.0			
Chlorobenzene	1.5747 1.5400	1.6266	1.4816	1.5918	1.5244	Ave		1.5565			0.3000	3.3		15.0			
1-Chlorohexane	1.0631 0.7957	1.0975	0.9705	0.9354	0.8898	Ave		0.9587				11.6		15.0			
Ethylbenzene	0.8298 0.7837	0.8112	0.7419	0.8043	0.7658	Ave		0.7894				4.1		30.0			
1,1,1,2-Tetrachloroethane	0.5248 0.5520	0.5545	0.5290	0.5769	0.5501	Ave		0.5479				3.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m&p-Xylene	1.0067 0.9941	1.0136	0.9179	0.9970	0.9421	Ave		0.9786				4.0		15.0			
o-Xylene	0.9607 0.9582	0.9904	0.8938	0.9665	0.9169	Ave		0.9477				3.7		15.0			
Styrene	1.5493 1.6272	1.6751	1.5102	1.6246	1.5729	Ave		1.5932				3.8		15.0			
Bromoform	0.3738 0.4542	0.4352	0.4246	0.4578	0.4577	Ave		0.4339			0.1000	7.5		15.0			
Isopropylbenzene	4.5421 4.1996	4.5160	4.1564	4.2580	4.0666	Ave		4.2898				4.6		15.0			
Bromobenzene	1.3596 1.2492	1.3534	1.2604	1.2986	1.2332	Ave		1.2924				4.2		15.0			
N-Propylbenzene	5.8252 5.5963	6.0428	5.3165	5.4905	5.3269	Ave		5.5997				5.1		15.0			
1,1,2,2-Tetrachloroethane	1.5564 1.3607	1.5394	1.4177	1.4229	1.4245	Ave		1.4536			0.3000	5.3		15.0			
4-Ethyltoluene	4.6267 4.4120	4.7514	4.1854	4.2728	4.1441	Ave		4.3987				5.6		15.0			
2-Chlorotoluene	3.9077 3.5406	3.9249	3.5238	3.5520	3.4033	Ave		3.6420				6.0		15.0			
1,2,3-Trichloropropane	0.3667 0.3436	0.3768	0.3596	0.3543	0.3517	Ave		0.3588				3.3		15.0			
1,3,5-Trimethylbenzene	3.7718 3.5886	3.9281	3.5038	3.6019	3.4287	Ave		3.6371				5.0		15.0			
trans-1,4-Dichloro-2-butene	0.2658 0.3202	0.3050	0.3190	0.3085	0.3291	Ave		0.3079				7.3		15.0			
4-Chlorotoluene	3.5159 3.2372	3.4858	3.1649	3.1869	3.0817	Ave		3.2787				5.5		15.0			
tert-Butylbenzene	3.3814 3.0013	3.3114	2.9849	3.0734	2.9397	Ave		3.1154				6.0		15.0			
1,2,4-Trimethylbenzene	3.7693 3.5772	3.8815	3.4252	3.5511	3.4171	Ave		3.6036				5.2		15.0			
sec-Butylbenzene	5.2941 4.9467	5.3628	4.7257	4.8668	4.7324	Ave		4.9881				5.6		15.0			
4-Isopropyltoluene	3.9939 3.7987	4.1186	3.6154	3.7345	3.5877	Ave		3.8081				5.5		15.0			
1,3-Dichlorobenzene	2.2060 2.1201	2.2889	2.0094	2.0813	2.0111	Ave		2.1195				5.2		15.0			
1,4-Dichlorobenzene	2.2038 2.1440	2.2762	1.9981	2.1426	2.0451	Ave		2.1350				4.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
p-Diethylbenzene	1.8143 1.8582	2.0015	1.7114	1.8007	1.7378	Ave		1.8207				5.7		15.0			
Benzyl chloride	0.3727 0.4880	0.4549	0.4339	0.4625	0.4698	Ave		0.4469				9.1		15.0			
n-Butylbenzene	4.4995 4.1319	4.8395	4.0741	4.4835	3.7639	Ave		4.2987				8.9		15.0			
1,2-Dichlorobenzene	2.0845 1.9700	2.1079	1.9225	1.9931	1.9484	Ave		2.0044				3.8		15.0			
1,2,4,5-Tetramethylbenzene	2.8354 3.0791	3.1575	2.7921	2.9976	2.8608	Ave		2.9537				5.0		15.0			
1,2-Dibromo-3-Chloropropane	0.1572 0.1891	0.1765	0.1799	0.1829	0.1886	Ave		0.1791				6.6		15.0			
Nitrobenzene	0.0168 0.0707	0.0279	0.0425	0.0569	0.0704	Qua	3.8588	16.717	-0.625						0.9943		
Hexachlorobutadiene	0.7081 0.7058	0.7402	0.6296	0.6531	0.6341	Ave		0.6785				6.7		15.0			
1,2,4-Trichlorobenzene	0.9597 1.2720	1.1710	1.0787	1.1362	1.1405	Ave		1.1264				9.2		15.0			
Naphthalene	1.8144 2.5707	2.2734	2.3015	2.4704	2.5142	Ave		2.3241				11.9		15.0			
1,2,3-Trichlorobenzene	0.8947 1.1286	1.0384	0.9852	1.0341	1.0384	Ave		1.0199				7.5		15.0			
Dibromofluoromethane	0.6733 0.6610	0.6812	0.6604	0.7168	0.6804	Ave		0.6788				3.0		15.0			
1,2-Dichloroethane-d4 (Surr)	0.5681 0.5745	0.5858	0.5644	0.6037	0.5844	Ave		0.5802				2.5		15.0			
Toluene-d8 (Surr)	2.1164 2.1956	2.1449	2.0609	2.1911	2.1250	Ave		2.1390				2.4		15.0			
4-Bromofluorobenzene	1.4390 1.3571	1.4233	1.3887	1.3735	1.2998	Ave		1.3802				3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50432/6	O3678.D
Level 2	IC 220-50432/5	O3677.D
Level 3	IC 220-50432/4	O3676.D
Level 4	IC 220-50432/3	O3675.D
Level 5	IC 220-50432/2	O3674.D
Level 6	IC 220-50432/1	O3673.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	28565 1489211	110757	352469	749440	1138761	5.00 200	20.0	50.0	100	150
Chloromethane	FB	Ave	45538 1939950	174564	478247	1027002	1495061	5.00 200	20.0	50.0	100	150
Vinyl chloride	FB	Ave	37402 1663248	149774	401923	838344	1267601	5.00 200	20.0	50.0	100	150
Bromomethane	FB	Lin	31866 717308	82856	221778	388672	570283	5.00 200	20.0	50.0	100	150
Chloroethane	FB	Ave	20069 383659	71495	197774	340282	358273	5.00 200	20.0	50.0	100	150
Trichlorofluoromethane	FB	Ave	41081 1696673	159419	418762	889003	1318246	5.00 200	20.0	50.0	100	150
Dichlorofluoromethane	FB	Ave	48686 1652004	183168	447405	963515	1382850	5.00 200	20.0	50.0	100	150
Ethyl ether	FB	Ave	16914 623177	65896	159725	335453	514487	5.00 200	20.0	50.0	100	150
Ethanol	FB	Ave	14605 562731	57001	136965	285585	479927	50.0 2000	200	500	1000	1500
1,1-Dichloroethene	FB	Ave	25116 992834	99577	243367	525021	781942	5.00 200	20.0	50.0	100	150
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	30205 1235699	122561	298075	645451	975976	5.00 200	20.0	50.0	100	150
Carbon disulfide	FB	Ave	98874 4252519	399991	999578	2193293	3331154	5.00 200	20.0	50.0	100	150
Iodomethane	FB	Ave	42962 2106246	182312	477731	1087163	1639187	5.00 200	20.0	50.0	100	150
Acrolein	FB	Ave	88462 3461274	343165	850623	1686779	2812969	25.0 1000	100	250	500	750
3-Chloro-1-propene	FB	Ave	49870 2070827	203477	493795	1089214	1637493	5.00 200	20.0	50.0	100	150
Isopropyl alcohol	FB	Lin	4520 129124	11285	28895	55052	97070	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Methylene Chloride	FB	Ave	+++++ 1372917	166270	351673	739423	1106360	+++++ 200	20.0	50.0	100	150
Acetone	FB	Ave	+++++ 732543	88571	153824	301503	525939	+++++ 200	20.0	50.0	100	150
Methyl acetate	FB	Ave	155766 5685100	587169	1392030	2813094	4740598	5.00 200	20.0	50.0	100	150
trans-1,2-Dichloroethene	FB	Ave	31773 1299978	129564	309273	685903	1031698	5.00 200	20.0	50.0	100	150
Methyl tert-butyl ether	FB	Ave	85143 3418247	341424	817852	1752722	2763698	5.00 200	20.0	50.0	100	150
tert-Butyl alcohol	FB	Ave	26079 1005765	101421	241362	461729	860950	25.0 1000	100	250	500	750
Acetonitrile	FB	Ave	138383 5204104	435966	1030870	2038837	4288819	50.0 2000	200	500	1000	1500
Isopropyl ether	FB	Ave	118009 4768752	476120	1145601	2499415	3841716	5.00 200	20.0	50.0	100	150
2-Chloro-1,3-butadiene	FB	Ave	30004 1248482	121802	291948	645460	995783	5.00 200	20.0	50.0	100	150
1,1-Dichloroethane	FB	Ave	58923 2279027	234706	550714	1195749	1821304	5.00 200	20.0	50.0	100	150
Acrylonitrile	FB	Ave	29680 1234882	112765	271141	631557	1024535	10.0 400	40.0	100	200	300
Tert-butyl ethyl ether	FB	Ave	101618 4030872	403718	970630	2120855	3257531	5.00 200	20.0	50.0	100	150
Vinyl acetate	FB	Ave	186904 7898748	749603	1894761	3917018	6320039	5.00 200	20.0	50.0	100	150
cis-1,2-Dichloroethene	FB	Ave	37214 1505131	151228	352962	785452	1221113	5.00 200	20.0	50.0	100	150
2,2-Dichloropropane	FB	Ave	58835 1817850	186618	423893	923073	1395816	5.00 200	20.0	50.0	100	150
Heptane	FB	Ave	58982 2039984	216120	492652	1060289	1608877	5.00 200	20.0	50.0	100	150
Bromochloromethane	FB	Ave	18641 765855	77957	189120	412293	620466	5.00 200	20.0	50.0	100	150
Cyclohexane	FB	Ave	49593 1970390	192399	477382	1028895	1576666	5.00 200	20.0	50.0	100	150
Chloroform	FB	Ave	55384 2235412	226302	547041	1194048	1776970	5.00 200	20.0	50.0	100	150
Ethyl acetate	FB	Ave	12835 388368	48996	102873	190015	324414	10.0 400	40.0	100	200	300
Methyl acrylate	FB	Ave	29780 1291620	131227	314679	654355	1077714	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	Ave	40668 1712633	165924	400508	881481	1334551	5.00 200	20.0	50.0	100	150
Tetrahydrofuran	FB	Ave	26649 992771	107764	248925	487562	845244	10.0 400	40.0	100	200	300
1,1,1-Trichloroethane	FB	Ave	41333 1740989	170107	408838	898545	1359818	5.00 200	20.0	50.0	100	150
Methyl Ethyl Ketone	FB	Lin	36736 896909	97158	187898	384049	696165	5.00 200	20.0	50.0	100	150
1,1-Dichloropropene	FB	Ave	58564 1832364	193193	428766	940102	1434437	5.00 200	20.0	50.0	100	150
1-Chlorobutane	FB	Ave	60127 2529237	247442	581978	1282834	1976016	5.00 200	20.0	50.0	100	150
Benzene	FB	Ave	126733 5019900	510606	1210640	2614168	3995890	5.00 200	20.0	50.0	100	150
Propionitrile	FB	Ave	53900 2043910	206206	502546	1009641	1700317	50.0 2000	200	500	1000	1500
Methacrylonitrile	FB	Ave	22429 889286	91180	220297	453819	749845	5.00 200	20.0	50.0	100	150
Tert-amyl methyl ether	FB	Ave	91063 3621141	367897	871504	1893962	2926927	5.00 200	20.0	50.0	100	150
1,2-Dichloroethane	FB	Ave	34311 1449911	142287	337366	739877	1147671	5.00 200	20.0	50.0	100	150
Isobutyl alcohol	FB	Ave	26219 1191246	109632	273963	533141	991034	25.0 1000	100	250	500	750
Methylcyclohexane	FB	Ave	55870 2298248	228735	530580	1176404	1800562	5.00 200	20.0	50.0	100	150
Trichloroethene	FB	Ave	33819 1423458	141899	334555	735955	1116980	5.00 200	20.0	50.0	100	150
Dibromomethane	FB	Ave	22269 932651	92274	225078	479772	756608	5.00 200	20.0	50.0	100	150
1,2-Dichloropropane	FB	Ave	36056 1403195	143352	342138	758607	1119420	5.00 200	20.0	50.0	100	150
Bromodichloromethane	FB	Ave	38106 1658906	157338	385701	853379	1307182	5.00 200	20.0	50.0	100	150
Methyl methacrylate	FB	Ave	22190 1009437	96940	233479	496637	829442	5.00 200	20.0	50.0	100	150
1,4-Dioxane	FB	Lin	3835 278178	24511	64246	128218	226270	50.0 2000	200	500	1000	1500
2-Chloroethyl vinyl ether	FB	Ave	40585 1846406	175964	435678	913872	1477406	5.00 200	20.0	50.0	100	150
cis-1,3-Dichloropropene	FB	Ave	52181 2155450	213034	505679	1110352	1704904	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene	CBZ	Ave	134789 5233260	530711	1235647	2710054	4131532	5.00 200	20.0	50.0	100	150
Chloroacetonitrile	FB	Ave	13627 586526	54014	142158	278260	488105	50.0 2000	200	500	1000	1500
2-Nitropropane	FB	Ave	13419 619270	57682	143945	299921	518062	10.0 400	40.0	100	200	300
1,1-Dichloro-2-propanone	CBZ	Ave	102314 4012625	394687	987480	1955878	3475272	25.0 1000	100	250	500	750
Tetrachloroethene	CBZ	Ave	26439 1142571	114751	264941	571704	873338	5.00 200	20.0	50.0	100	150
methyl isobutyl ketone	CBZ	Ave	35253 1492504	151744	360259	728956	1224924	5.00 200	20.0	50.0	100	150
trans-1,3-Dichloropropene	FB	Ave	44177 1862282	185104	439955	957482	1490743	5.00 200	20.0	50.0	100	150
1,1,2-Trichloroethane	FB	Ave	28186 1142249	116128	281966	598809	926349	5.00 200	20.0	50.0	100	150
Ethyl methacrylate	CBZ	Ave	37152 1730752	166287	405093	874655	1406702	5.00 200	20.0	50.0	100	150
Dibromochloromethane	CBZ	Ave	33079 1402010	138577	331066	729756	1133110	5.00 200	20.0	50.0	100	150
1,3-Dichloropropane	CBZ	Ave	49030 1980437	204577	481905	1038387	1611066	5.00 200	20.0	50.0	100	150
1,2-Dibromoethane	CBZ	Ave	31837 1321886	135082	319934	675536	1069365	5.00 200	20.0	50.0	100	150
2-Hexanone	CBZ	Ave	32029 1179543	115156	257463	523579	919826	5.00 200	20.0	50.0	100	150
Chlorobenzene	CBZ	Ave	83615 3273672	346737	802586	1717776	2606614	5.00 200	20.0	50.0	100	150
1-Chlorohexane	CBZ	Ave	56448 1691393	233959	525698	1009411	1521517	5.00 200	20.0	50.0	100	150
Ethylbenzene	CBZ	Ave	44062 1665961	172933	401871	867934	1309387	5.00 200	20.0	50.0	100	150
1,1,1,2-Tetrachloroethane	CBZ	Ave	27867 1173413	118196	286529	622566	940531	5.00 200	20.0	50.0	100	150
m&p-Xylene	CBZ	Ave	106907 4226527	432158	994442	2151739	3221811	10.0 400	40.0	100	200	300
o-Xylene	CBZ	Ave	51013 2036855	211117	484149	1042990	1567745	5.00 200	20.0	50.0	100	150
Styrene	CBZ	Ave	82267 3459092	357083	818038	1753132	2689398	5.00 200	20.0	50.0	100	150
Bromoform	CBZ	Ave	19848 965485	92781	229988	494008	782549	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	DCB	Ave	121527 4834783	493620	1123014	2393734	3691758	5.00 200	20.0	50.0	100	150
Bromobenzene	DCB	Ave	36377 1438174	147927	340562	730051	1119515	5.00 200	20.0	50.0	100	150
N-Propylbenzene	DCB	Ave	155857 6442706	660504	1436483	3086583	4835868	5.00 200	20.0	50.0	100	150
1,1,2,2-Tetrachloroethane	DCB	Ave	41643 1566454	168267	383051	799892	1293194	5.00 200	20.0	50.0	100	150
4-Ethyltoluene	DCB	Ave	123790 5079257	519348	1130856	2402049	3762156	5.00 200	20.0	50.0	100	150
2-Chlorotoluene	DCB	Ave	104553 4076048	429002	952095	1996825	3089558	5.00 200	20.0	50.0	100	150
1,2,3-Trichloropropane	DCB	Ave	9811 395560	41187	97151	199180	319265	5.00 200	20.0	50.0	100	150
1,3,5-Trimethylbenzene	DCB	Ave	100916 4131335	429353	946692	2024888	3112660	5.00 200	20.0	50.0	100	150
trans-1,4-Dichloro-2-butene	DCB	Ave	14223 737145	66678	172381	346852	597559	10.0 400	40.0	100	200	300
4-Chlorotoluene	DCB	Ave	94071 3726786	381010	855131	1791572	2797596	5.00 200	20.0	50.0	100	150
tert-Butylbenzene	DCB	Ave	90471 3455251	361949	806503	1727803	2668693	5.00 200	20.0	50.0	100	150
1,2,4-Trimethylbenzene	DCB	Ave	100850 4118269	424261	925474	1996306	3102159	5.00 200	20.0	50.0	100	150
sec-Butylbenzene	DCB	Ave	141646 5694876	586173	1276836	2736006	4296209	5.00 200	20.0	50.0	100	150
4-Isopropyltoluene	DCB	Ave	106860 4373219	450178	976849	2099424	3256975	5.00 200	20.0	50.0	100	150
1,3-Dichlorobenzene	DCB	Ave	59024 2440779	250187	542911	1170056	1825720	5.00 200	20.0	50.0	100	150
1,4-Dichlorobenzene	DCB	Ave	58965 2468231	248795	539871	1204512	1856551	5.00 200	20.0	50.0	100	150
p-Diethylbenzene	DCB	Ave	48543 2139244	218777	462413	1012307	1577606	5.00 200	20.0	50.0	100	150
Benzyl chloride	DCB	Ave	9973 561772	49718	117223	259979	426452	5.00 200	20.0	50.0	100	150
n-Butylbenzene	DCB	Ave	120386 4756817	528972	1100795	2520489	3417000	5.00 200	20.0	50.0	100	150
1,2-Dichlorobenzene	DCB	Ave	55772 2267889	230398	519453	1120441	1768809	5.00 200	20.0	50.0	100	150
1,2,4,5-Tetramethylbenzene	DCB	Ave	75862 3544828	345122	754414	1685145	2597092	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50432

SDG No.:

Instrument ID: MSO GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 04/29/2011 14:23 Calibration End Date: 04/29/2011 17:02 Calibration ID: 10537

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/KG)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromo-3-Chloropropane	DCB	Ave	4206 217725	19293	48612	102830	171255	5.00 200	20.0	50.0	100	150
Nitrobenzene	DCB	Qua	4487 813812	30458	114940	319718	639200	50.0 2000	200	500	1000	1500
Hexachlorobutadiene	DCB	Ave	18945 812532	80909	170102	367165	575695	5.00 200	20.0	50.0	100	150
1,2,4-Trichlorobenzene	DCB	Ave	25677 1464339	127995	291464	638734	1035399	5.00 200	20.0	50.0	100	150
Naphthalene	DCB	Ave	48545 2959455	248489	621847	1388813	2282491	5.00 200	20.0	50.0	100	150
1,2,3-Trichlorobenzene	DCB	Ave	23937 1299238	113498	266193	581352	942681	5.00 200	20.0	50.0	100	150
Dibromofluoromethane	FB	Ave	36344 1497816	148680	184866	789143	1194209	5.00 200	20.0	25.0	100	150
1,2-Dichloroethane-d4 (Surr)	FB	Ave	30663 1301932	127857	157989	664687	1025772	5.00 200	20.0	25.0	100	150
Toluene-d8 (Surr)	CBZ	Ave	112381 4667391	457230	558196	2364442	3633444	5.00 200	20.0	25.0	100	150
4-Bromofluorobenzene	DCB	Ave	38501 1562404	155568	187613	772157	1179952	5.00 200	20.0	25.0	100	150

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O3673.D
Lab Smp Id: IC;200 Client Smp ID: IC;200
Inj Date : 29-APR-2011 14:23 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;200
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O8260BNS.m
Meth Date : 02-May-2011 10:53 mso.i Quant Type: ISTD
Cal Date : 29-APR-2011 17:02 Cal File: O3678.D
Als bottle: 42 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.817	3.817	(1.000)	283257	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.246)	1489211	200.000	220(A)
3	Chloromethane	50	1.007	1.007	(0.264)	1939950	200.000	200
4	Vinyl Chloride	62	1.046	1.046	(0.274)	1663248	200.000	200(A)
5	Bromomethane	94	1.175	1.175	(0.308)	717308	200.000	200
6	Chloroethane	64	1.224	1.224	(0.321)	383659	200.000	120
7	Trichlorofluoromethane	101	1.283	1.283	(0.336)	1696673	200.000	200
8	Dichlorofluoromethane	67	1.303	1.303	(0.341)	1652004	200.000	180
9	Ethyl Ether	45	1.401	1.401	(0.367)	623177	200.000	190
10	Ethanol	45	1.451	1.451	(0.380)	562731	2000.00	1900
12	Freon 123	67	1.500	1.500	(0.393)	325750	200.000	200
13	Trichlorotrifluoroethane	101	1.510	1.510	(0.396)	1235699	200.000	200
14	1,1-Dichloroethene	96	1.500	1.500	(0.393)	992834	200.000	190
15	Carbon Disulfide	76	1.529	1.529	(0.401)	4252519	200.000	200(A)
16	Iodomethane	142	1.579	1.579	(0.414)	2106246	200.000	210(A)
17	Acrolein	56	1.658	1.658	(0.434)	3461274	1000.00	980
18	2-Propanol	45	1.727	1.727	(0.452)	129124	200.000	200(AH)
19	3-Chloro-1-Propene	41	1.717	1.717	(0.450)	2070827	200.000	200
20	Methylene Chloride	84	1.776	1.776	(0.465)	1372917	200.000	180
21	Acetone	43	1.796	1.796	(0.471)	732543	200.000	200(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	1.865	1.865	(0.489)	1299978	200.000	200
	23 Methyl Acetate	43	1.855	1.855	(0.486)	5685100	200.000	190
	24 Methyl tert-Butyl Ether	73	1.904	1.904	(0.499)	3418247	200.000	200
	25 tert-Butyl alcohol	59	1.953	1.953	(0.512)	1005765	1000.00	970
	26 Acetonitrile	41	2.062	2.062	(0.540)	5204104	2000.00	2100(A)
	27 Isopropyl ether	45	2.121	2.121	(0.556)	4768752	200.000	190
	28 tert-Butyl ethyl ether	59	2.358	2.358	(0.618)	4030872	200.000	190
	29 2-Chloro-1,3-Butadiene	88	2.200	2.200	(0.576)	1248482	200.000	200
	30 Acrylonitrile	53	2.249	2.249	(0.589)	1234882	400.000	400(A)
	31 1,1-Dichloroethane	63	2.210	2.210	(0.579)	2279027	200.000	190
	32 Vinyl Acetate	43	2.367	2.367	(0.620)	7898748	200.000	200
	33 cis-1,2-Dichloroethene	96	2.584	2.584	(0.677)	1505131	200.000	200
	34 2,2-Dichloropropane	77	2.673	2.673	(0.700)	1817850	200.000	190
	35 Bromochloromethane	128	2.742	2.742	(0.718)	765855	200.000	190
	37 Cyclohexane	84	2.752	2.752	(0.721)	1970390	200.000	190
	38 Chloroform	83	2.801	2.801	(0.734)	2235412	200.000	190
	39 Ethyl Acetate	43	2.900	2.900	(0.760)	388368	400.000	350
	40 Methyl Acrylate	55	2.910	2.910	(0.762)	1291620	200.000	200
$	41 Dibromofluoromethane	111	2.959	2.959	(0.775)	1497816	200.000	190
	42 Tetrahydrofuran	42	2.939	2.939	(0.770)	992771	400.000	380
	43 Carbon Tetrachloride	117	2.929	2.929	(0.768)	1712633	200.000	200
	44 1,1,1-Trichloroethane	97	2.979	2.979	(0.780)	1740989	200.000	200
	45 2-Butanone	43	3.067	3.067	(0.804)	896909	200.000	200(A)
	46 1,1-Dichloropropene	75	3.097	3.097	(0.811)	1832364	200.000	190
	47 tert-Amyl methyl ether	73	3.472	3.472	(0.910)	3621141	200.000	190
	49 1-Chlorobutane	56	3.146	3.146	(0.824)	2529237	200.000	200(A)
	50 Heptane	43	2.732	2.732	(0.716)	2039984	200.000	190
	51 Propionitrile	54	3.363	3.363	(0.881)	2043910	2000.00	1900
	52 Benzene	78	3.334	3.334	(0.873)	5019900	200.000	190
	53 2-Methyl-2-Propenenitrile	41	3.383	3.383	(0.886)	889286	200.000	190
	54 Isobutyl alcohol	42	3.620	3.620	(0.948)	1191246	1000.00	1000
$	55 1,2-Dichloroethane-d4	65	3.482	3.482	(0.912)	1301932	200.000	200
	56 1,2-Dichloroethane	62	3.560	3.560	(0.933)	1449911	200.000	200
	59 Methyl Cyclohexane	83	4.014	4.014	(1.052)	2298248	200.000	200
	60 Trichloroethene	130	4.034	4.034	(1.057)	1423458	200.000	200
	63 Dibromomethane	93	4.556	4.556	(1.194)	932651	200.000	200
	64 1,2-Dichloropropane	63	4.684	4.684	(1.227)	1403195	200.000	190
	65 Bromodichloromethane	83	4.783	4.783	(1.253)	1658906	200.000	200(A)
	66 Methyl Methacrylate	69	5.010	5.010	(1.313)	1009437	200.000	200(A)
	67 1,4-Dioxane	58	5.039	5.039	(1.320)	278178	2000.00	2000
	69 2-Chloroethylvinylether	63	5.473	5.473	(1.434)	1846406	200.000	200(A)
	70 cis-1,3-Dichloropropene	75	5.503	5.503	(1.442)	2155450	200.000	200
	71 Chloroacetonitrile	48	5.936	5.936	(1.555)	586526	2000.00	2000(A)
	72 2-Nitropropane	41	5.986	5.986	(1.568)	619270	400.000	410(A)
	73 trans-1,3-Dichloropropene	75	6.202	6.202	(1.625)	1862282	200.000	200
	74 1,1,2-Trichloroethane	97	6.350	6.350	(1.664)	1142249	200.000	190
*	75 Chlorobenzene-d5	117	7.218	7.218	(1.000)	265723	25.0000	
	76 Toluene	91	5.749	5.749	(0.796)	5233260	200.000	200(A)
$	77 Toluene-d8	98	5.700	5.700	(0.790)	4667391	200.000	200(A)
	78 1,1-Dichloro-2-propanone	43	6.005	6.005	(0.832)	4012625	1000.00	1000
	79 4-Methyl-2-Pentanone	43	6.173	6.173	(0.855)	1492504	200.000	200(A)
	80 Tetrachloroethene	164	6.143	6.143	(0.851)	1142571	200.000	210(A)
	81 Ethyl Methacrylate	69	6.410	6.410	(0.888)	1730752	200.000	210(A)
	82 Dibromochloromethane	129	6.518	6.518	(0.903)	1402010	200.000	200(A)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
83	1,3-Dichloropropane	76	6.607	6.607	(0.915)	1980437	200.000	200
84	1,2-Dibromoethane	107	6.715	6.715	(0.930)	1321886	200.000	200(A)
86	2-Hexanone	43	7.001	7.001	(0.970)	1179543	200.000	210(A)
87	1-Chlorohexane	91	7.257	7.257	(1.005)	1691393	200.000	160(M)
88	Chlorobenzene	112	7.228	7.228	(1.001)	3273672	200.000	200
89	1,1,1,2-Tetrachloroethane	131	7.307	7.307	(1.012)	1173413	200.000	200(A)
90	Ethylbenzene	106	7.277	7.277	(1.008)	1665961	200.000	200
91	Xylene (total)mp	106	7.425	7.425	(1.029)	4226527	400.000	410(A)
92	Xylene (total)o	106	7.809	7.809	(1.082)	2036855	200.000	200(A)
93	Styrene	104	7.859	7.859	(1.089)	3459092	200.000	200(A)
94	Bromoform	173	7.859	7.859	(1.089)	965485	200.000	210(A)
* 95	1,4-Dichlorobenzene-d4	152	9.318	9.318	(1.000)	143905	25.0000	
96	Isopropylbenzene	105	8.095	8.095	(0.869)	4834783	200.000	200
97	Bromobenzene	156	8.411	8.411	(0.903)	1438174	200.000	190
98	1,1,2,2-Tetrachloroethane	83	8.549	8.549	(0.917)	1566454	200.000	190
99	4-Ethyltoluene	105	8.569	8.569	(0.920)	5079257	200.000	200(A)
100	1,2,3-Trichloropropane	110	8.638	8.638	(0.927)	395560	200.000	190
101	trans-1,4-Dichloro-2-Butene	53	8.697	8.697	(0.933)	737145	400.000	420(A)
102	n-Propylbenzene	91	8.470	8.470	(0.909)	6442706	200.000	200
103	2-Chlorotoluene	91	8.588	8.588	(0.922)	4076048	200.000	190
104	4-Chlorotoluene	91	8.736	8.736	(0.938)	3726786	200.000	200
105	1,3,5-Trimethylbenzene	105	8.657	8.657	(0.929)	4131335	200.000	200
106	tert-Butylbenzene	119	8.924	8.924	(0.958)	3455251	200.000	190
107	1,2,4-Trimethylbenzene	105	8.983	8.983	(0.964)	4118269	200.000	200
108	sec-Butylbenzene	105	9.081	9.081	(0.975)	5694876	200.000	200
109	4-Isopropyltoluene	119	9.219	9.219	(0.989)	4373219	200.000	200
110	1,3-Dichlorobenzene	146	9.249	9.249	(0.993)	2440779	200.000	200(A)
111	1,4-Dichlorobenzene	146	9.328	9.328	(1.001)	2468231	200.000	200(A)
112	1,2-Dichlorobenzene	146	9.683	9.683	(1.039)	2267889	200.000	200
113	Benzyl Chloride	126	9.554	9.554	(1.025)	561772	200.000	220(A)
114	1,4-Diethylbenzene	119	9.535	9.535	(1.023)	2139244	200.000	200(A)
115	n-Butylbenzene	91	9.584	9.584	(1.029)	4756817	200.000	190
118	1,2,4,5-Tetramethylbenzene	119	10.235	10.235	(1.098)	3544828	200.000	210(A)
119	1,2-Dibromo-3-chloropropane	75	10.383	10.383	(1.114)	217725	200.000	210(A)
120	Nitrobenzene	77	10.876	10.876	(1.167)	813812	2000.00	2000
121	1,2,4-Trichlorobenzene	180	10.984	10.984	(1.179)	1464339	200.000	220(A)
122	Hexachlorobutadiene	225	10.974	10.974	(1.178)	812532	200.000	210(A)
123	Naphthalene	128	11.260	11.260	(1.208)	2959455	200.000	220(A)
124	1,2,3-Trichlorobenzene	180	11.428	11.428	(1.226)	1299238	200.000	220(A)
$ 125	Bromofluorobenzene	95	8.332	8.332	(0.894)	1562404	200.000	200
M 126	1,2-Dichloroethene (total)	100				2805109	400.000	390
M 127	Xylene (total)	100				6263382	600.000	610

QC Flag Legend

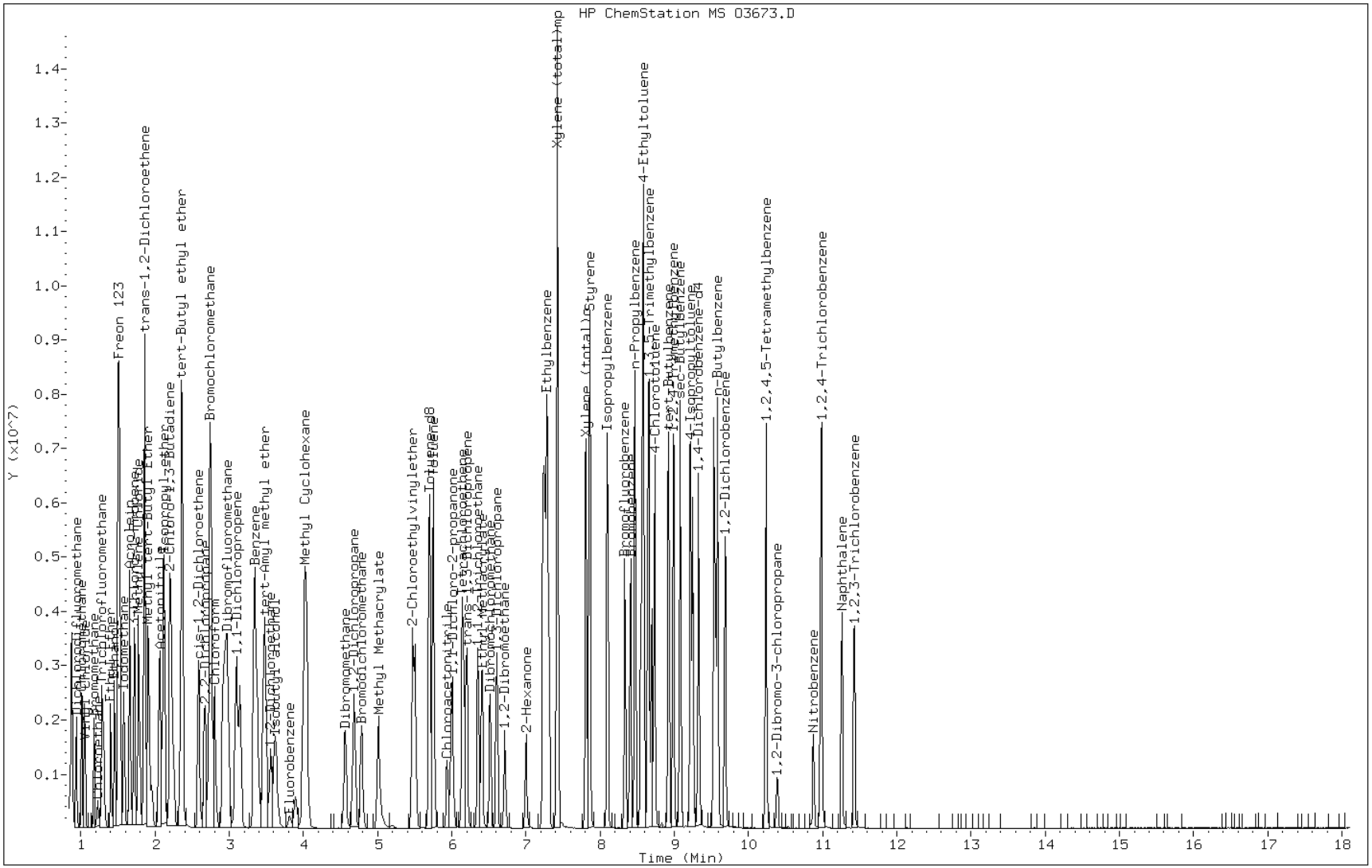
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O3673.D

Date: 29-APR-2011 14:23

Client ID: IC;200 Instrument: mso.i

Sample Info: IC;200 Operator: D. HUMBERT



Manual Integration Report

Data File: O3673.D
Inj. Date and Time: 29-APR-2011 14:23
Instrument ID: mso.i
Client ID: IC;200
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/04/2011

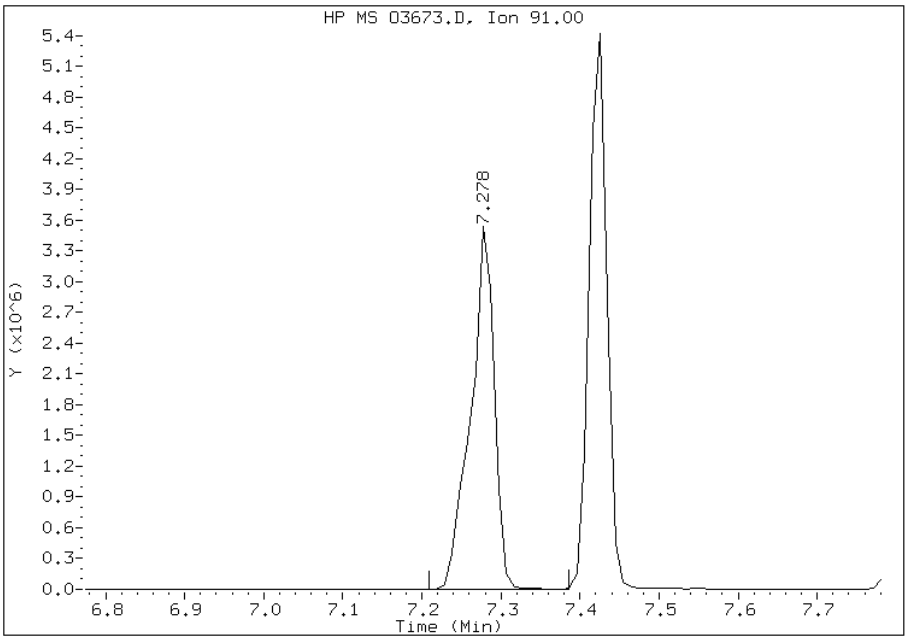
Processing Integration Results

RT: 7.28

Response: 7469667

Amount: 201

Conc: 201



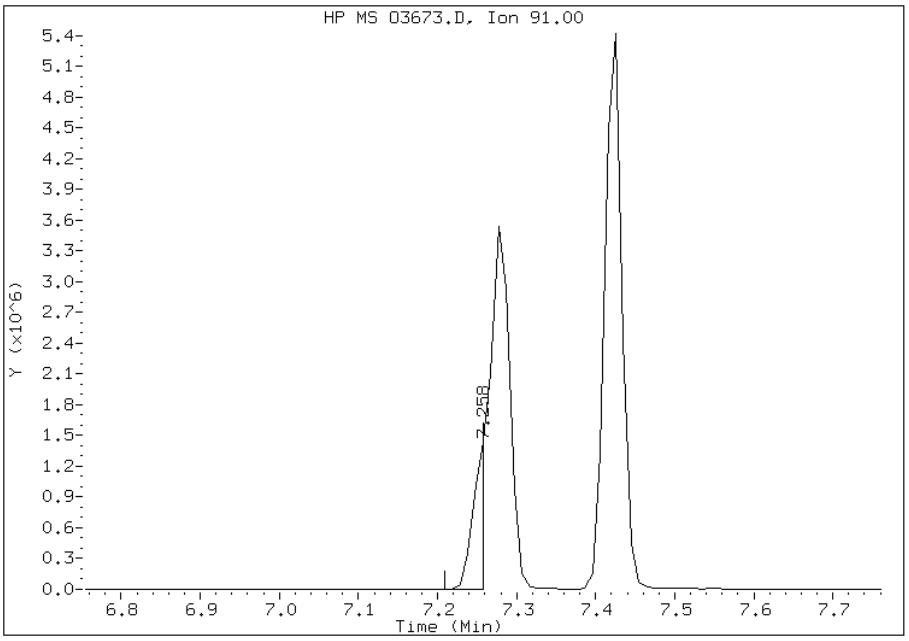
Manual Integration Results

RT: 7.26

Response: 1691393

Amount: 166

Conc: 166



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O3674.D
Lab Smp Id: IC;150 Client Smp ID: IC;150
Inj Date : 29-APR-2011 15:20 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;150
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O8260BNS.m
Meth Date : 02-May-2011 10:53 mso.i Quant Type: ISTD
Cal Date : 29-APR-2011 14:23 Cal File: O3673.D
Als bottle: 42 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.817	3.817	(1.000)	292537	25.0000	
2	Dichlorodifluoromethane	85	0.938	0.938	(0.246)	1138761	150.000	150
3	Chloromethane	50	1.017	1.017	(0.267)	1495061	150.000	150
4	Vinyl Chloride	62	1.047	1.047	(0.274)	1267601	150.000	150
5	Bromomethane	94	1.175	1.175	(0.308)	570283	150.000	150
6	Chloroethane	64	1.224	1.224	(0.321)	358273	150.000	180
7	Trichlorofluoromethane	101	1.283	1.283	(0.336)	1318246	150.000	150
8	Dichlorofluoromethane	67	1.303	1.303	(0.341)	1382850	150.000	160
9	Ethyl Ether	45	1.402	1.402	(0.367)	514487	150.000	160
10	Ethanol	45	1.451	1.451	(0.380)	479927	1500.00	1600
12	Freon 123	67	1.500	1.500	(0.393)	253498	150.000	150
13	Trichlorotrifluoroethane	101	1.510	1.510	(0.396)	975976	150.000	150
14	1,1-Dichloroethene	96	1.500	1.500	(0.393)	781942	150.000	150
15	Carbon Disulfide	76	1.530	1.530	(0.401)	3331154	150.000	150
16	Iodomethane	142	1.579	1.579	(0.414)	1639187	150.000	150
17	Acrolein	56	1.658	1.658	(0.434)	2812969	750.000	790
18	2-Propanol	45	1.717	1.717	(0.450)	97070	150.000	140(H)
19	3-Chloro-1-Propene	41	1.717	1.717	(0.450)	1637493	150.000	150
20	Methylene Chloride	84	1.776	1.776	(0.465)	1106360	150.000	160
21	Acetone	43	1.796	1.796	(0.471)	525939	150.000	140

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	1.865	1.865	(0.489)	1031698	150.000	150
	23 Methyl Acetate	43	1.855	1.855	(0.486)	4740598	150.000	160
	24 Methyl tert-Butyl Ether	73	1.904	1.904	(0.499)	2763698	150.000	160
	25 tert-Butyl alcohol	59	1.954	1.954	(0.512)	860950	750.000	830
	26 Acetonitrile	41	2.052	2.052	(0.538)	4288819	1500.00	1600
	27 Isopropyl ether	45	2.121	2.121	(0.556)	3841716	150.000	160
	28 tert-Butyl ethyl ether	59	2.358	2.358	(0.618)	3257531	150.000	160
	29 2-Chloro-1,3-Butadiene	88	2.200	2.200	(0.576)	995783	150.000	150
	30 Acrylonitrile	53	2.240	2.240	(0.587)	1024535	300.000	320
	31 1,1-Dichloroethane	63	2.220	2.220	(0.582)	1821304	150.000	150
	32 Vinyl Acetate	43	2.368	2.368	(0.620)	6320039	150.000	150
	33 cis-1,2-Dichloroethene	96	2.585	2.585	(0.677)	1221113	150.000	160
	34 2,2-Dichloropropane	77	2.673	2.673	(0.700)	1395816	150.000	150
	35 Bromochloromethane	128	2.742	2.742	(0.719)	620466	150.000	160
	37 Cyclohexane	84	2.752	2.752	(0.721)	1576666	150.000	150
	38 Chloroform	83	2.801	2.801	(0.734)	1776970	150.000	150
	39 Ethyl Acetate	43	2.900	2.900	(0.760)	324414	300.000	320
	40 Methyl Acrylate	55	2.910	2.910	(0.762)	1077714	150.000	160
$	41 Dibromofluoromethane	111	2.959	2.959	(0.775)	1194209	150.000	150
	42 Tetrahydrofuran	42	2.940	2.940	(0.770)	845244	300.000	330
	43 Carbon Tetrachloride	117	2.930	2.930	(0.768)	1334551	150.000	150
	44 1,1,1-Trichloroethane	97	2.979	2.979	(0.780)	1359818	150.000	150
	45 2-Butanone	43	3.068	3.068	(0.804)	696165	150.000	150
	46 1,1-Dichloropropene	75	3.097	3.097	(0.811)	1434437	150.000	150
	47 tert-Amyl methyl ether	73	3.472	3.472	(0.910)	2926927	150.000	160
	49 1-Chlorobutane	56	3.147	3.147	(0.824)	1976016	150.000	150
	50 Heptane	43	2.732	2.732	(0.716)	1608877	150.000	150
	51 Propionitrile	54	3.363	3.363	(0.881)	1700317	1500.00	1600
	52 Benzene	78	3.344	3.344	(0.876)	3995890	150.000	150
	53 2-Methyl-2-Propenenitrile	41	3.383	3.383	(0.886)	749845	150.000	160
	54 Isobutyl alcohol	42	3.610	3.610	(0.946)	991034	750.000	800
$	55 1,2-Dichloroethane-d4	65	3.482	3.482	(0.912)	1025772	150.000	150
	56 1,2-Dichloroethane	62	3.561	3.561	(0.933)	1147671	150.000	150
	59 Methyl Cyclohexane	83	4.014	4.014	(1.052)	1800562	150.000	150
	60 Trichloroethene	130	4.034	4.034	(1.057)	1116980	150.000	150
	63 Dibromomethane	93	4.556	4.556	(1.194)	756608	150.000	160
	64 1,2-Dichloropropane	63	4.684	4.684	(1.227)	1119420	150.000	150
	65 Bromodichloromethane	83	4.783	4.783	(1.253)	1307182	150.000	150
	66 Methyl Methacrylate	69	5.010	5.010	(1.312)	829442	150.000	160
	67 1,4-Dioxane	58	5.030	5.030	(1.318)	226270	1500.00	1600
	69 2-Chloroethylvinylether	63	5.473	5.473	(1.434)	1477406	150.000	150
	70 cis-1,3-Dichloropropene	75	5.503	5.503	(1.442)	1704904	150.000	150
	71 Chloroacetonitrile	48	5.937	5.937	(1.555)	488105	1500.00	1600
	72 2-Nitropropane	41	5.986	5.986	(1.568)	518062	300.000	320
	73 trans-1,3-Dichloropropene	75	6.203	6.203	(1.625)	1490743	150.000	160
	74 1,1,2-Trichloroethane	97	6.351	6.351	(1.664)	926349	150.000	160
*	75 Chlorobenzene-d5	117	7.218	7.218	(1.000)	284979	25.0000	
	76 Toluene	91	5.749	5.749	(0.796)	4131532	150.000	150
$	77 Toluene-d8	98	5.700	5.700	(0.790)	3633444	150.000	140
	78 1,1-Dichloro-2-propanone	43	6.006	6.006	(0.832)	3475272	750.000	810
	79 4-Methyl-2-Pentanone	43	6.173	6.173	(0.855)	1224924	150.000	150
	80 Tetrachloroethene	164	6.144	6.144	(0.851)	873338	150.000	140
	81 Ethyl Methacrylate	69	6.400	6.400	(0.887)	1406702	150.000	150
	82 Dibromochloromethane	129	6.518	6.518	(0.903)	1133110	150.000	150

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
83	1,3-Dichloropropane	76	6.607	6.607	(0.915)	1611066	150.000	150
84	1,2-Dibromoethane	107	6.715	6.715	(0.930)	1069365	150.000	150
86	2-Hexanone	43	7.001	7.001	(0.970)	919826	150.000	140
87	1-Chlorohexane	91	7.258	7.258	(1.005)	1521517	150.000	170(M)
88	Chlorobenzene	112	7.228	7.228	(1.001)	2606614	150.000	150
89	1,1,1,2-Tetrachloroethane	131	7.307	7.307	(1.012)	940531	150.000	150
90	Ethylbenzene	106	7.277	7.277	(1.008)	1309387	150.000	150
91	Xylene (total)mp	106	7.425	7.425	(1.029)	3221811	300.000	280
92	Xylene (total)o	106	7.810	7.810	(1.082)	1567745	150.000	140
93	Styrene	104	7.859	7.859	(1.089)	2689398	150.000	140
94	Bromoform	173	7.859	7.859	(1.089)	782549	150.000	150
* 95	1,4-Dichlorobenzene-d4	152	9.318	9.318	(1.000)	151304	25.0000	
96	Isopropylbenzene	105	8.096	8.096	(0.869)	3691758	150.000	140
97	Bromobenzene	156	8.411	8.411	(0.903)	1119515	150.000	150
98	1,1,2,2-Tetrachloroethane	83	8.549	8.549	(0.917)	1293194	150.000	160
99	4-Ethyltoluene	105	8.569	8.569	(0.920)	3762156	150.000	140
100	1,2,3-Trichloropropane	110	8.638	8.638	(0.927)	319265	150.000	150
101	trans-1,4-Dichloro-2-Butene	53	8.697	8.697	(0.933)	597559	300.000	310
102	n-Propylbenzene	91	8.470	8.470	(0.909)	4835868	150.000	140
103	2-Chlorotoluene	91	8.589	8.589	(0.922)	3089558	150.000	140
104	4-Chlorotoluene	91	8.736	8.736	(0.938)	2797596	150.000	140
105	1,3,5-Trimethylbenzene	105	8.658	8.658	(0.929)	3112660	150.000	140
106	tert-Butylbenzene	119	8.924	8.924	(0.958)	2668693	150.000	150
107	1,2,4-Trimethylbenzene	105	8.983	8.983	(0.964)	3102159	150.000	140
108	sec-Butylbenzene	105	9.081	9.081	(0.975)	4296209	150.000	140
109	4-Isopropyltoluene	119	9.210	9.210	(0.988)	3256975	150.000	140
110	1,3-Dichlorobenzene	146	9.249	9.249	(0.993)	1825720	150.000	140
111	1,4-Dichlorobenzene	146	9.328	9.328	(1.001)	1856551	150.000	140
112	1,2-Dichlorobenzene	146	9.683	9.683	(1.039)	1768809	150.000	150
113	Benzyl Chloride	126	9.555	9.555	(1.025)	426452	150.000	140
114	1,4-Diethylbenzene	119	9.535	9.535	(1.023)	1577606	150.000	140
115	n-Butylbenzene	91	9.584	9.584	(1.029)	3417000	150.000	140
118	1,2,4,5-Tetramethylbenzene	119	10.235	10.235	(1.098)	2597092	150.000	140
119	1,2-Dibromo-3-chloropropane	75	10.383	10.383	(1.114)	171255	150.000	150
120	Nitrobenzene	77	10.876	10.876	(1.167)	639200	1500.00	1500
121	1,2,4-Trichlorobenzene	180	10.984	10.984	(1.179)	1035399	150.000	130
122	Hexachlorobutadiene	225	10.974	10.974	(1.178)	575695	150.000	130
123	Naphthalene	128	11.260	11.260	(1.208)	2282491	150.000	150
124	1,2,3-Trichlorobenzene	180	11.428	11.428	(1.226)	942681	150.000	140
$ 125	Bromofluorobenzene	95	8.332	8.332	(0.894)	1179952	150.000	140
M 126	1,2-Dichloroethene (total)	100				2252811	300.000	310
M 127	Xylene (total)	100				4789556	450.000	430

QC Flag Legend

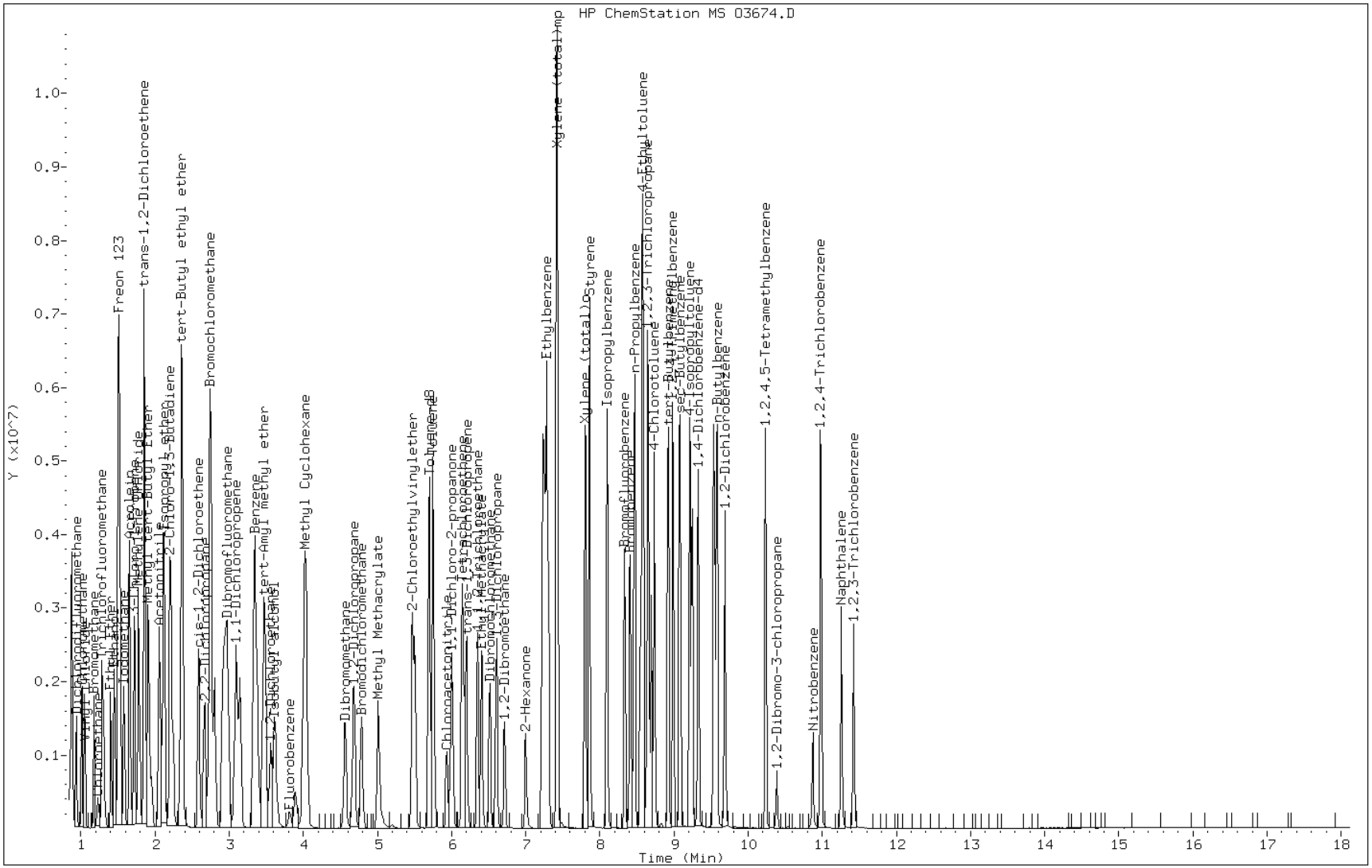
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O3674.D

Date: 29-APR-2011 15:20

Client ID: IC;150 Instrument: mso.i

Sample Info: IC;150 Operator: D. HUMBERT



Manual Integration Report

Data File: O3674.D
Inj. Date and Time: 29-APR-2011 15:20
Instrument ID: mso.i
Client ID: IC;150
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/04/2011

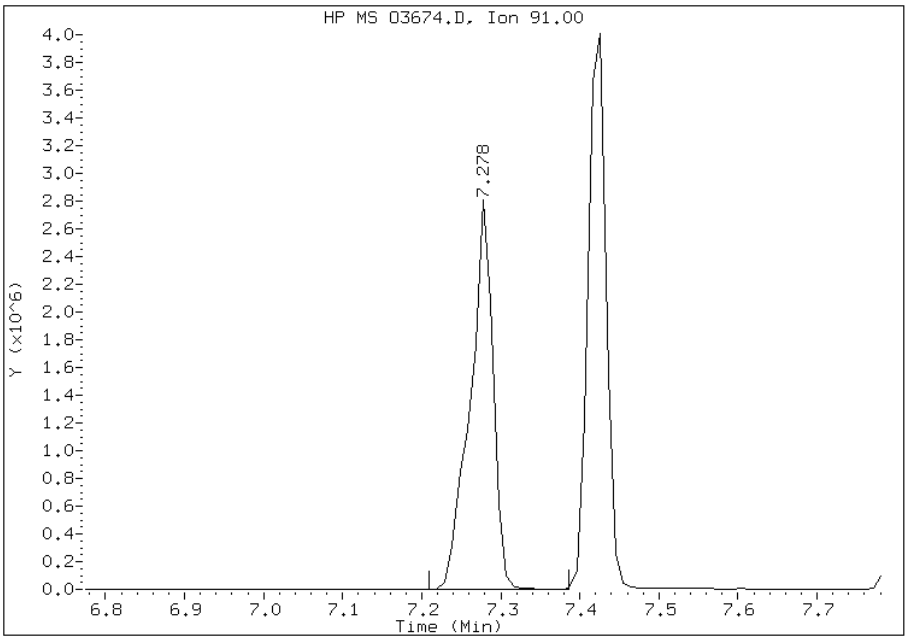
Processing Integration Results

RT: 7.28

Response: 5796830

Amount: 167

Conc: 167



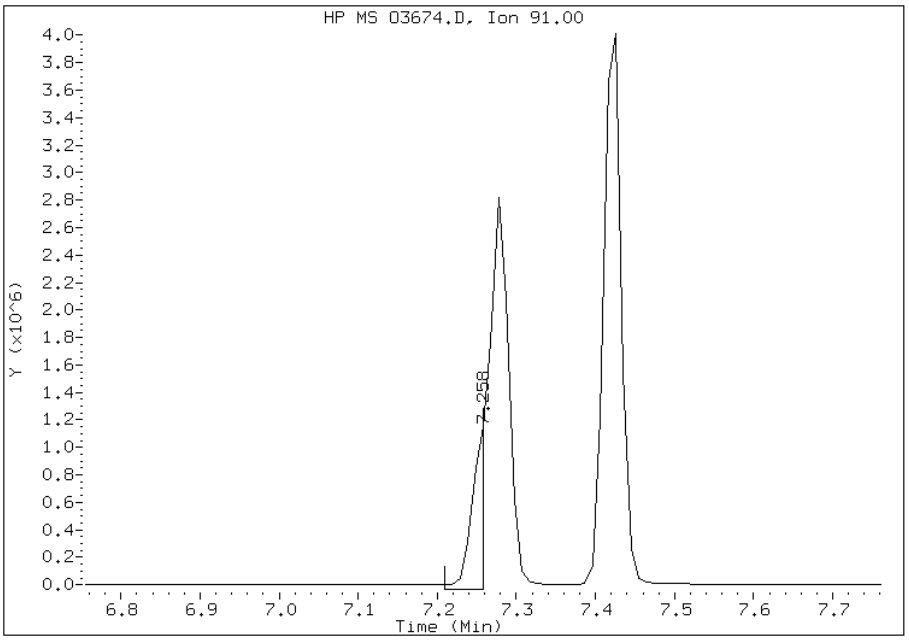
Manual Integration Results

RT: 7.26

Response: 1521517

Amount: 168

Conc: 168



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O3675.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 29-APR-2011 15:46 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;100
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O8260BNS.m
Meth Date : 02-May-2011 10:53 mso.i Quant Type: ISTD
Cal Date : 29-APR-2011 15:20 Cal File: O3674.D
Als bottle: 43 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.818	3.818	(1.000)	275241	25.0000	
2	Dichlorodifluoromethane	85	0.939	0.939	(0.246)	749440	100.000	100
3	Chloromethane	50	1.018	1.018	(0.267)	1027002	100.000	110
4	Vinyl Chloride	62	1.047	1.047	(0.274)	838344	100.000	100
5	Bromomethane	94	1.176	1.176	(0.308)	388672	100.000	100
6	Chloroethane	64	1.225	1.225	(0.321)	340282	100.000	160
7	Trichlorofluoromethane	101	1.284	1.284	(0.336)	889003	100.000	110
8	Dichlorofluoromethane	67	1.304	1.304	(0.342)	963515	100.000	120
9	Ethyl Ether	45	1.402	1.402	(0.367)	335453	100.000	110
10	Ethanol	45	1.452	1.452	(0.380)	285585	1000.00	990
12	Freon 123	67	1.511	1.511	(0.396)	171284	100.000	110
13	Trichlorotrifluoroethane	101	1.511	1.511	(0.396)	645451	100.000	110
14	1,1-Dichloroethene	96	1.501	1.501	(0.393)	525021	100.000	110
15	Carbon Disulfide	76	1.531	1.531	(0.401)	2193293	100.000	100
16	Iodomethane	142	1.580	1.580	(0.414)	1087163	100.000	100
17	Acrolein	56	1.659	1.659	(0.435)	1686779	500.000	490
18	2-Propanol	45	1.718	1.718	(0.450)	55052	100.000	97(H)
19	3-Chloro-1-Propene	41	1.718	1.718	(0.450)	1089214	100.000	110
20	Methylene Chloride	84	1.777	1.777	(0.466)	739423	100.000	110
21	Acetone	43	1.797	1.797	(0.471)	301503	100.000	88

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	1.866	1.866	(0.489)	685903	100.000	110
	23 Methyl Acetate	43	1.856	1.856	(0.486)	2813094	100.000	98
	24 Methyl tert-Butyl Ether	73	1.905	1.905	(0.499)	1752722	100.000	100
	25 tert-Butyl alcohol	59	1.945	1.945	(0.509)	461729	500.000	450
	26 Acetonitrile	41	2.053	2.053	(0.538)	2038837	1000.00	780
	27 Isopropyl ether	45	2.112	2.112	(0.553)	2499415	100.000	100
	28 tert-Butyl ethyl ether	59	2.359	2.359	(0.618)	2120855	100.000	100
	29 2-Chloro-1,3-Butadiene	88	2.201	2.201	(0.577)	645460	100.000	100
	30 Acrylonitrile	53	2.240	2.240	(0.587)	631557	200.000	200
	31 1,1-Dichloroethane	63	2.221	2.221	(0.582)	1195749	100.000	110
	32 Vinyl Acetate	43	2.369	2.369	(0.620)	3917018	100.000	100
	33 cis-1,2-Dichloroethene	96	2.585	2.585	(0.677)	785452	100.000	100
	34 2,2-Dichloropropane	77	2.674	2.674	(0.700)	923073	100.000	100
	35 Bromochloromethane	128	2.743	2.743	(0.719)	412293	100.000	110
	37 Cyclohexane	84	2.753	2.753	(0.721)	1028895	100.000	100
	38 Chloroform	83	2.802	2.802	(0.734)	1194048	100.000	110
	39 Ethyl Acetate	43	2.901	2.901	(0.760)	190015	200.000	190
	40 Methyl Acrylate	55	2.911	2.911	(0.762)	654355	100.000	100
$	41 Dibromofluoromethane	111	2.960	2.960	(0.775)	789143	100.000	110
	42 Tetrahydrofuran	42	2.940	2.940	(0.770)	487562	200.000	190
	43 Carbon Tetrachloride	117	2.930	2.930	(0.768)	881481	100.000	100
	44 1,1,1-Trichloroethane	97	2.980	2.980	(0.781)	898545	100.000	100
	45 2-Butanone	43	3.069	3.069	(0.804)	384049	100.000	87
	46 1,1-Dichloropropene	75	3.098	3.098	(0.812)	940102	100.000	100
	47 tert-Amyl methyl ether	73	3.463	3.463	(0.907)	1893962	100.000	100
	49 1-Chlorobutane	56	3.147	3.147	(0.824)	1282834	100.000	100
	50 Heptane	43	2.733	2.733	(0.716)	1060289	100.000	110
	51 Propionitrile	54	3.364	3.364	(0.881)	1009641	1000.00	980
	52 Benzene	78	3.335	3.335	(0.873)	2614168	100.000	100
	53 2-Methyl-2-Propenenitrile	41	3.384	3.384	(0.886)	453819	100.000	100
	54 Isobutyl alcohol	42	3.611	3.611	(0.946)	533141	500.000	440
$	55 1,2-Dichloroethane-d4	65	3.483	3.483	(0.912)	664687	100.000	100
	56 1,2-Dichloroethane	62	3.561	3.561	(0.933)	739877	100.000	100
	59 Methyl Cyclohexane	83	4.015	4.015	(1.052)	1176404	100.000	100
	60 Trichloroethene	130	4.035	4.035	(1.057)	735955	100.000	100
	63 Dibromomethane	93	4.557	4.557	(1.194)	479772	100.000	100
	64 1,2-Dichloropropane	63	4.675	4.675	(1.225)	758607	100.000	110
	65 Bromodichloromethane	83	4.784	4.784	(1.253)	853379	100.000	100
	66 Methyl Methacrylate	69	5.011	5.011	(1.312)	496637	100.000	98
	67 1,4-Dioxane	58	5.030	5.030	(1.318)	128218	1000.00	760
	69 2-Chloroethylvinylether	63	5.474	5.474	(1.434)	913872	100.000	100
	70 cis-1,3-Dichloropropene	75	5.504	5.504	(1.442)	1110352	100.000	100
	71 Chloroacetonitrile	48	5.928	5.928	(1.553)	278260	1000.00	940
	72 2-Nitropropane	41	5.987	5.987	(1.568)	299921	200.000	190
	73 trans-1,3-Dichloropropene	75	6.204	6.204	(1.625)	957482	100.000	100
	74 1,1,2-Trichloroethane	97	6.351	6.351	(1.664)	598809	100.000	100
*	75 Chlorobenzene-d5	117	7.219	7.219	(1.000)	269777	25.0000	
	76 Toluene	91	5.750	5.750	(0.797)	2710054	100.000	100
$	77 Toluene-d8	98	5.701	5.701	(0.790)	2364442	100.000	100
	78 1,1-Dichloro-2-propanone	43	6.006	6.006	(0.832)	1955878	500.000	460
	79 4-Methyl-2-Pentanone	43	6.174	6.174	(0.855)	728956	100.000	95
	80 Tetrachloroethene	164	6.144	6.144	(0.851)	571704	100.000	100
	81 Ethyl Methacrylate	69	6.401	6.401	(0.887)	874655	100.000	99
	82 Dibromochloromethane	129	6.519	6.519	(0.903)	729756	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
83	1,3-Dichloropropane	76	6.608	6.608	(0.915)	1038387	100.000	100
84	1,2-Dibromoethane	107	6.716	6.716	(0.930)	675536	100.000	100
86	2-Hexanone	43	7.002	7.002	(0.970)	523579	100.000	89
87	1-Chlorohexane	91	7.258	7.258	(1.005)	1009411	100.000	110(M)
88	Chlorobenzene	112	7.229	7.229	(1.001)	1717776	100.000	100
89	1,1,1,2-Tetrachloroethane	131	7.308	7.308	(1.012)	622566	100.000	100
90	Ethylbenzene	106	7.278	7.278	(1.008)	867934	100.000	100
91	Xylene (total)mp	106	7.416	7.416	(1.027)	2151739	200.000	200
92	Xylene (total)o	106	7.801	7.801	(1.081)	1042990	100.000	100
93	Styrene	104	7.860	7.860	(1.089)	1753132	100.000	100
94	Bromoform	173	7.860	7.860	(1.089)	494008	100.000	100
* 95	1,4-Dichlorobenzene-d4	152	9.309	9.309	(1.000)	140543	25.0000	
96	Isopropylbenzene	105	8.096	8.096	(0.870)	2393734	100.000	100
97	Bromobenzene	156	8.412	8.412	(0.904)	730051	100.000	100
98	1,1,2,2-Tetrachloroethane	83	8.540	8.540	(0.917)	799892	100.000	100
99	4-Ethyltoluene	105	8.570	8.570	(0.921)	2402049	100.000	100
100	1,2,3-Trichloropropane	110	8.639	8.639	(0.928)	199180	100.000	100
101	trans-1,4-Dichloro-2-Butene	53	8.688	8.688	(0.933)	346852	200.000	190
102	n-Propylbenzene	91	8.461	8.461	(0.909)	3086583	100.000	100
103	2-Chlorotoluene	91	8.580	8.580	(0.922)	1996825	100.000	100
104	4-Chlorotoluene	91	8.727	8.727	(0.938)	1791572	100.000	100
105	1,3,5-Trimethylbenzene	105	8.649	8.649	(0.929)	2024888	100.000	100
106	tert-Butylbenzene	119	8.915	8.915	(0.958)	1727803	100.000	100
107	1,2,4-Trimethylbenzene	105	8.984	8.984	(0.965)	1996306	100.000	100
108	sec-Butylbenzene	105	9.072	9.072	(0.975)	2736006	100.000	100
109	4-Isopropyltoluene	119	9.210	9.210	(0.989)	2099424	100.000	100
110	1,3-Dichlorobenzene	146	9.240	9.240	(0.993)	1170056	100.000	100
111	1,4-Dichlorobenzene	146	9.329	9.329	(1.002)	1204512	100.000	100
112	1,2-Dichlorobenzene	146	9.684	9.684	(1.040)	1120441	100.000	100
113	Benzyl Chloride	126	9.546	9.546	(1.025)	259979	100.000	96
114	1,4-Diethylbenzene	119	9.526	9.526	(1.023)	1012307	100.000	100
115	n-Butylbenzene	91	9.575	9.575	(1.029)	2520489	100.000	110
118	1,2,4,5-Tetramethylbenzene	119	10.236	10.236	(1.100)	1685145	100.000	100
119	1,2-Dibromo-3-chloropropane	75	10.384	10.384	(1.115)	102830	100.000	97
120	Nitrobenzene	77	10.877	10.877	(1.168)	319718	1000.00	820
121	1,2,4-Trichlorobenzene	180	10.985	10.985	(1.180)	638734	100.000	94
122	Hexachlorobutadiene	225	10.975	10.975	(1.179)	367165	100.000	97
123	Naphthalene	128	11.251	11.251	(1.209)	1388813	100.000	97
124	1,2,3-Trichlorobenzene	180	11.419	11.419	(1.227)	581352	100.000	95
$ 125	Bromofluorobenzene	95	8.333	8.333	(0.895)	772157	100.000	100
M 126	1,2-Dichloroethene (total)	100				1471355	200.000	210
M 127	Xylene (total)	100				3194729	300.000	310

QC Flag Legend

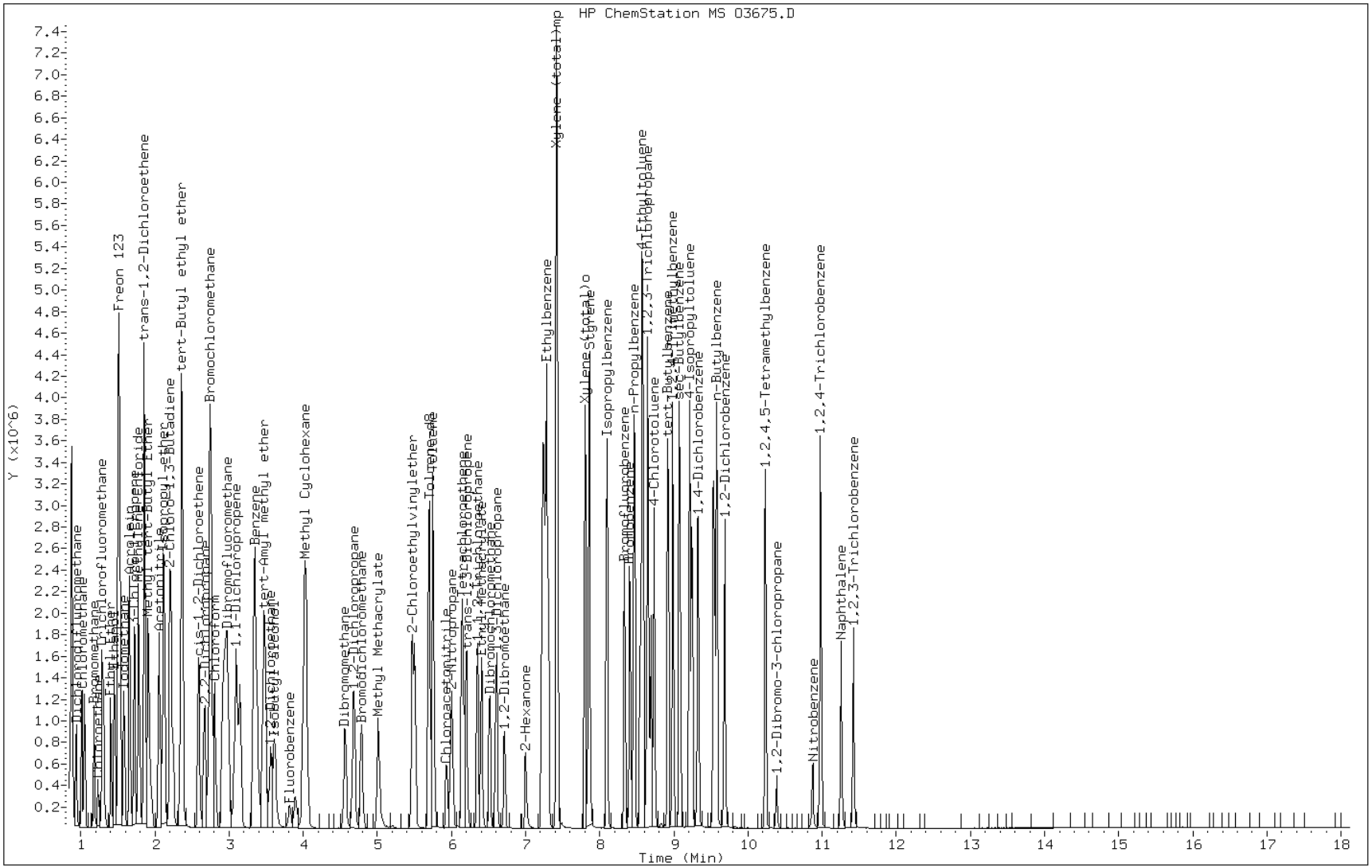
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O3675.D

Date: 29-APR-2011 15:46

Client ID: IC;100 Instrument: mso.i

Sample Info: IC;100 Operator: D. HUMBERT



Manual Integration Report

Data File: O3675.D
Inj. Date and Time: 29-APR-2011 15:46
Instrument ID: mso.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/04/2011

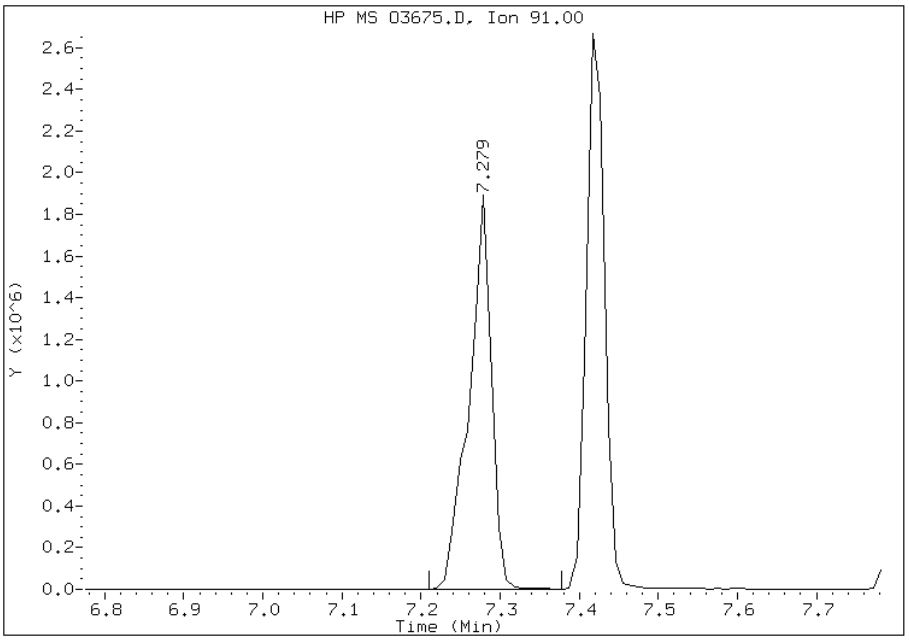
Processing Integration Results

RT: 7.28

Response: 3816243

Amount: 135

Conc: 135



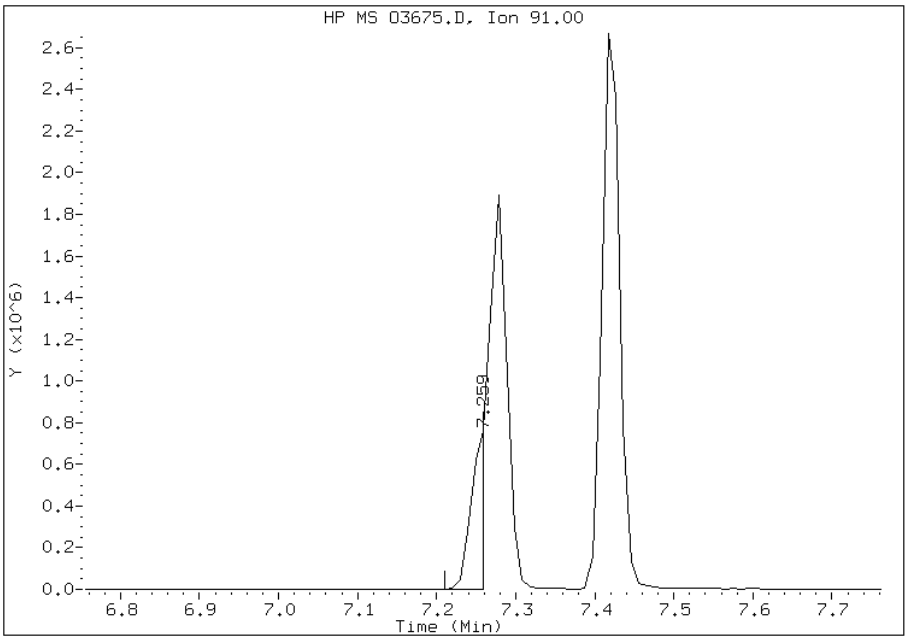
Manual Integration Results

RT: 7.26

Response: 1009411

Amount: 111

Conc: 111



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O3676.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 29-APR-2011 16:11 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;50
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O8260BNS.m
Meth Date : 02-May-2011 10:53 mso.i Quant Type: ISTD
Cal Date : 29-APR-2011 15:46 Cal File: O3675.D
Als bottle: 44 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.818	3.818	(1.000)	279925	25.0000	
2	Dichlorodifluoromethane	85	0.939	0.939	(0.246)	352469	50.0000	48
3	Chloromethane	50	1.018	1.018	(0.267)	478247	50.0000	48
4	Vinyl Chloride	62	1.048	1.048	(0.275)	401923	50.0000	48
5	Bromomethane	94	1.176	1.176	(0.308)	221778	50.0000	45
6	Chloroethane	64	1.235	1.235	(0.324)	197774	50.0000	78
7	Trichlorofluoromethane	101	1.284	1.284	(0.336)	418762	50.0000	49
8	Dichlorofluoromethane	67	1.304	1.304	(0.342)	447405	50.0000	50
9	Ethyl Ether	45	1.403	1.403	(0.367)	159725	50.0000	49
10	Ethanol	45	1.452	1.452	(0.380)	136965	500.000	470
12	Freon 123	67	1.511	1.511	(0.396)	77743	50.0000	47
13	Trichlorotrifluoroethane	101	1.511	1.511	(0.396)	298075	50.0000	47
14	1,1-Dichloroethene	96	1.511	1.511	(0.396)	243367	50.0000	48
15	Carbon Disulfide	76	1.531	1.531	(0.401)	999578	50.0000	46
16	Iodomethane	142	1.580	1.580	(0.414)	477731	50.0000	45
17	Acrolein	56	1.659	1.659	(0.435)	850623	250.000	240
18	2-Propanol	45	1.718	1.718	(0.450)	28895	50.0000	62(H)
19	3-Chloro-1-Propene	41	1.728	1.728	(0.453)	493795	50.0000	47
20	Methylene Chloride	84	1.777	1.777	(0.466)	351673	50.0000	49
21	Acetone	43	1.797	1.797	(0.471)	153824	50.0000	46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	1.866	1.866	(0.489)	309273	50.0000	46
	23 Methyl Acetate	43	1.856	1.856	(0.486)	1392030	50.0000	48
	24 Methyl tert-Butyl Ether	73	1.905	1.905	(0.499)	817852	50.0000	47
	25 tert-Butyl alcohol	59	1.945	1.945	(0.509)	241362	250.000	240
	26 Acetonitrile	41	2.053	2.053	(0.538)	1030870	500.000	420
	27 Isopropyl ether	45	2.122	2.122	(0.556)	1145601	50.0000	47
	28 tert-Butyl ethyl ether	59	2.359	2.359	(0.618)	970630	50.0000	47
	29 2-Chloro-1,3-Butadiene	88	2.201	2.201	(0.577)	291948	50.0000	46
	30 Acrylonitrile	53	2.241	2.241	(0.587)	271141	100.000	85
	31 1,1-Dichloroethane	63	2.221	2.221	(0.582)	550714	50.0000	47
	32 Vinyl Acetate	43	2.369	2.369	(0.620)	1894761	50.0000	48
	33 cis-1,2-Dichloroethene	96	2.586	2.586	(0.677)	352962	50.0000	46
	34 2,2-Dichloropropane	77	2.674	2.674	(0.701)	423893	50.0000	47
	35 Bromochloromethane	128	2.743	2.743	(0.719)	189120	50.0000	48
	37 Cyclohexane	84	2.753	2.753	(0.721)	477382	50.0000	47
	38 Chloroform	83	2.803	2.803	(0.734)	547041	50.0000	48
	39 Ethyl Acetate	43	2.901	2.901	(0.760)	102873	100.000	100
	40 Methyl Acrylate	55	2.911	2.911	(0.762)	314679	50.0000	47
$	41 Dibromofluoromethane	111	2.960	2.960	(0.775)	184866	25.0000	24
	42 Tetrahydrofuran	42	2.941	2.941	(0.770)	248925	100.000	98
	43 Carbon Tetrachloride	117	2.931	2.931	(0.768)	400508	50.0000	46
	44 1,1,1-Trichloroethane	97	2.980	2.980	(0.781)	408838	50.0000	46
	45 2-Butanone	43	3.069	3.069	(0.804)	187898	50.0000	58
	46 1,1-Dichloropropene	75	3.098	3.098	(0.812)	428766	50.0000	46
	47 tert-Amyl methyl ether	73	3.473	3.473	(0.910)	871504	50.0000	47
	49 1-Chlorobutane	56	3.148	3.148	(0.824)	581978	50.0000	46
	50 Heptane	43	2.734	2.734	(0.716)	492652	50.0000	47
	51 Propionitrile	54	3.365	3.365	(0.881)	502546	500.000	480
	52 Benzene	78	3.345	3.345	(0.876)	1210640	50.0000	47
	53 2-Methyl-2-Propenenitrile	41	3.384	3.384	(0.886)	220297	50.0000	48
	54 Isobutyl alcohol	42	3.611	3.611	(0.946)	273963	250.000	230
$	55 1,2-Dichloroethane-d4	65	3.483	3.483	(0.912)	157989	25.0000	24
	56 1,2-Dichloroethane	62	3.562	3.562	(0.933)	337366	50.0000	46
	59 Methyl Cyclohexane	83	4.015	4.015	(1.052)	530580	50.0000	46
	60 Trichloroethene	130	4.035	4.035	(1.057)	334555	50.0000	46
	63 Dibromomethane	93	4.557	4.557	(1.194)	225078	50.0000	47
	64 1,2-Dichloropropane	63	4.686	4.686	(1.227)	342138	50.0000	47
	65 Bromodichloromethane	83	4.784	4.784	(1.253)	385701	50.0000	46
	66 Methyl Methacrylate	69	5.011	5.011	(1.312)	233479	50.0000	46
	67 1,4-Dioxane	58	5.021	5.021	(1.315)	64246	500.000	520
	69 2-Chloroethylvinylether	63	5.464	5.464	(1.431)	435678	50.0000	47
	70 cis-1,3-Dichloropropene	75	5.504	5.504	(1.441)	505679	50.0000	46
	71 Chloroacetonitrile	48	5.928	5.928	(1.553)	142158	500.000	480
	72 2-Nitropropane	41	5.987	5.987	(1.568)	143945	100.000	92
	73 trans-1,3-Dichloropropene	75	6.204	6.204	(1.625)	439955	50.0000	46
	74 1,1,2-Trichloroethane	97	6.352	6.352	(1.664)	281966	50.0000	48
*	75 Chlorobenzene-d5	117	7.219	7.219	(1.000)	270845	25.0000	
	76 Toluene	91	5.750	5.750	(0.797)	1235647	50.0000	46
$	77 Toluene-d8	98	5.701	5.701	(0.790)	558196	25.0000	24
	78 1,1-Dichloro-2-propanone	43	5.997	5.997	(0.831)	987480	250.000	240
	79 4-Methyl-2-Pentanone	43	6.174	6.174	(0.855)	360259	50.0000	48
	80 Tetrachloroethene	164	6.145	6.145	(0.851)	264941	50.0000	46
	81 Ethyl Methacrylate	69	6.401	6.401	(0.887)	405093	50.0000	46
	82 Dibromochloromethane	129	6.509	6.509	(0.902)	331066	50.0000	46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
83	1,3-Dichloropropane	76	6.608	6.608	(0.915)	481905	50.0000	47
84	1,2-Dibromoethane	107	6.707	6.707	(0.929)	319934	50.0000	47
86	2-Hexanone	43	7.002	7.002	(0.970)	257463	50.0000	45
87	1-Chlorohexane	91	7.259	7.259	(1.005)	525698	50.0000	56(M)
88	Chlorobenzene	112	7.229	7.229	(1.001)	802586	50.0000	48
89	1,1,1,2-Tetrachloroethane	131	7.298	7.298	(1.011)	286529	50.0000	47
90	Ethylbenzene	106	7.278	7.278	(1.008)	401871	50.0000	47
91	Xylene (total)mp	106	7.416	7.416	(1.027)	994442	100.000	94
92	Xylene (total)o	106	7.801	7.801	(1.081)	484149	50.0000	47
93	Styrene	104	7.850	7.850	(1.087)	818038	50.0000	47
94	Bromoform	173	7.860	7.860	(1.089)	229988	50.0000	46
* 95	1,4-Dichlorobenzene-d4	152	9.309	9.309	(1.000)	135096	25.0000	
96	Isopropylbenzene	105	8.097	8.097	(0.870)	1123014	50.0000	50
97	Bromobenzene	156	8.402	8.402	(0.903)	340562	50.0000	50
98	1,1,2,2-Tetrachloroethane	83	8.540	8.540	(0.917)	383051	50.0000	50
99	4-Ethyltoluene	105	8.570	8.570	(0.921)	1130856	50.0000	49
100	1,2,3-Trichloropropane	110	8.639	8.639	(0.928)	97151	50.0000	51
101	trans-1,4-Dichloro-2-Butene	53	8.688	8.688	(0.933)	172381	100.000	100
102	n-Propylbenzene	91	8.461	8.461	(0.909)	1436483	50.0000	48
103	2-Chlorotoluene	91	8.580	8.580	(0.922)	952095	50.0000	50
104	4-Chlorotoluene	91	8.728	8.728	(0.938)	855131	50.0000	50
105	1,3,5-Trimethylbenzene	105	8.649	8.649	(0.929)	946692	50.0000	49
106	tert-Butylbenzene	119	8.915	8.915	(0.958)	806503	50.0000	50
107	1,2,4-Trimethylbenzene	105	8.984	8.984	(0.965)	925474	50.0000	49
108	sec-Butylbenzene	105	9.073	9.073	(0.975)	1276836	50.0000	49
109	4-Isopropyltoluene	119	9.211	9.211	(0.989)	976849	50.0000	49
110	1,3-Dichlorobenzene	146	9.240	9.240	(0.993)	542911	50.0000	48
111	1,4-Dichlorobenzene	146	9.319	9.319	(1.001)	539871	50.0000	47
112	1,2-Dichlorobenzene	146	9.684	9.684	(1.040)	519453	50.0000	49
113	Benzyl Chloride	126	9.546	9.546	(1.025)	117223	50.0000	46
114	1,4-Diethylbenzene	119	9.526	9.526	(1.023)	462413	50.0000	48
115	n-Butylbenzene	91	9.576	9.576	(1.029)	1100795	50.0000	49
118	1,2,4,5-Tetramethylbenzene	119	10.236	10.236	(1.100)	754414	50.0000	47
119	1,2-Dibromo-3-chloropropane	75	10.384	10.384	(1.115)	48612	50.0000	48
120	Nitrobenzene	77	10.877	10.877	(1.168)	114940	500.000	770
121	1,2,4-Trichlorobenzene	180	10.985	10.985	(1.180)	291464	50.0000	46
122	Hexachlorobutadiene	225	10.975	10.975	(1.179)	170102	50.0000	47
123	Naphthalene	128	11.251	11.251	(1.209)	621847	50.0000	46
124	1,2,3-Trichlorobenzene	180	11.419	11.419	(1.227)	266193	50.0000	46
$ 125	Bromofluorobenzene	95	8.333	8.333	(0.895)	187613	25.0000	26
M 126	1,2-Dichloroethene (total)	100				662235	100.000	92
M 127	Xylene (total)	100				1478591	150.000	140

QC Flag Legend

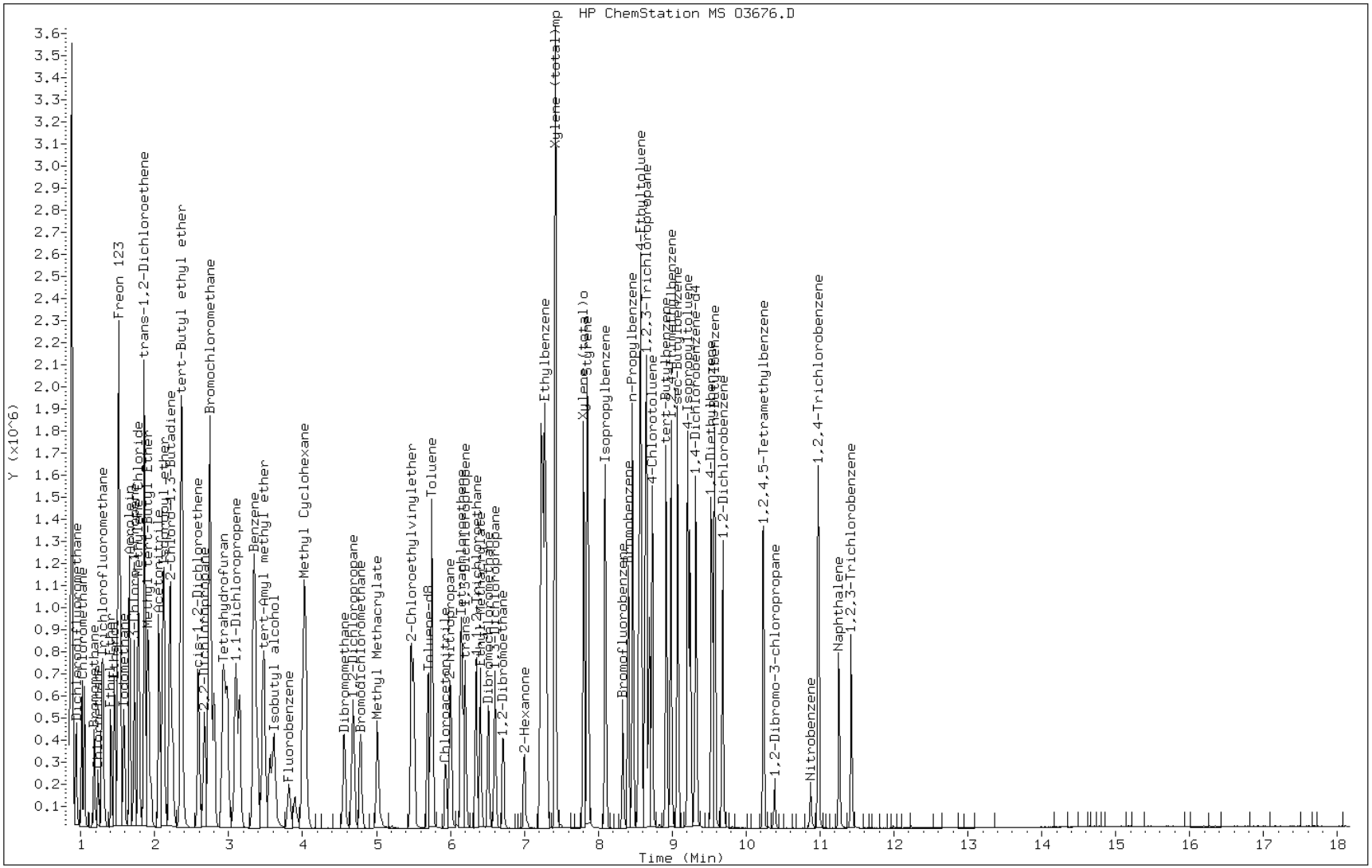
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O3676.D

Date: 29-APR-2011 16:11

Client ID: IC;50 Instrument: mso.i

Sample Info: IC;50 Operator: D. HUMBERT



Manual Integration Report

Data File: O3676.D
Inj. Date and Time: 29-APR-2011 16:11
Instrument ID: mso.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/04/2011

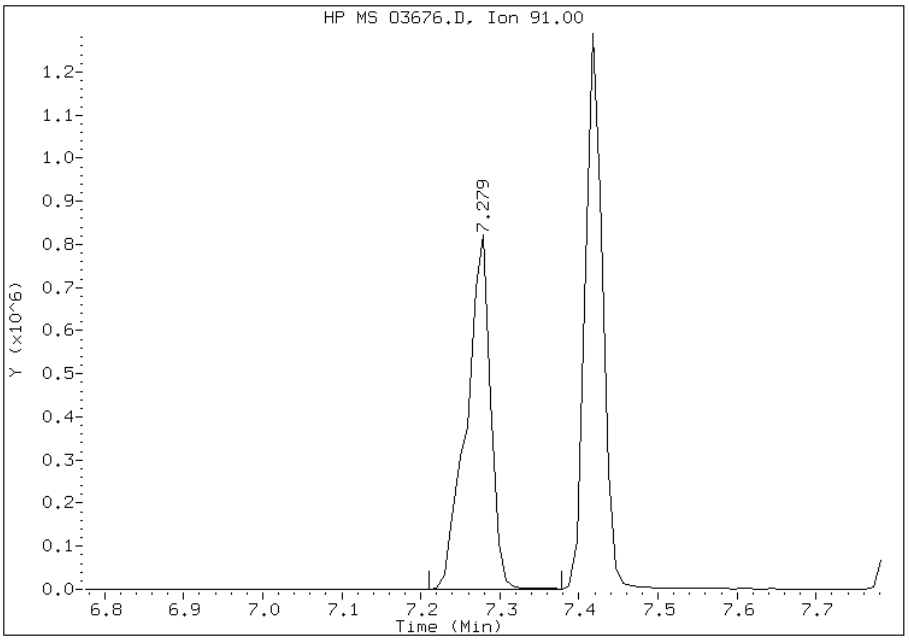
Processing Integration Results

RT: 7.28

Response: 1770403

Amount: 75

Conc: 75



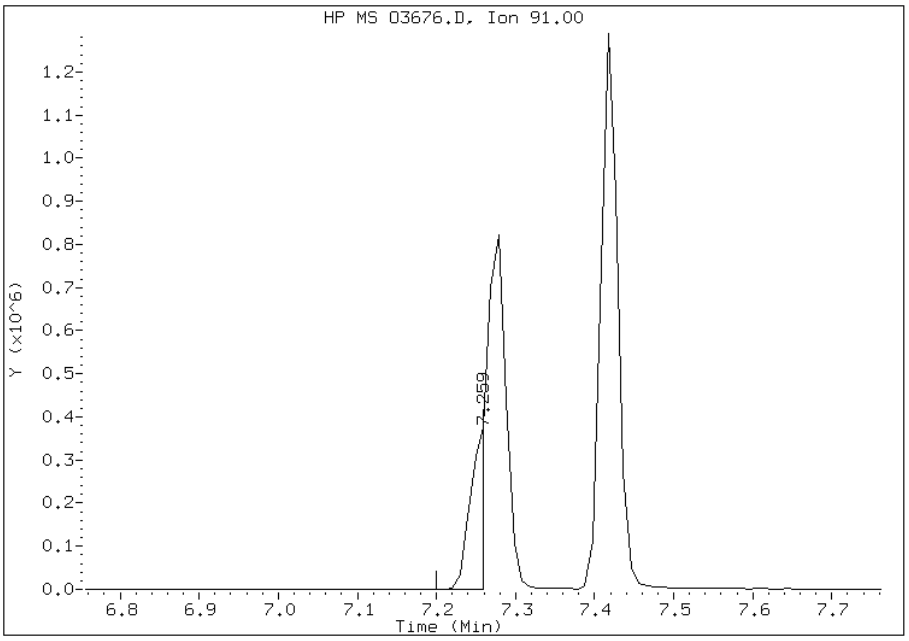
Manual Integration Results

RT: 7.26

Response: 525698

Amount: 56

Conc: 56



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O3677.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 29-APR-2011 16:36 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;20
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O8260BNS.m
Meth Date : 02-May-2011 10:53 mso.i Quant Type: ISTD
Cal Date : 29-APR-2011 16:11 Cal File: O3676.D
Als bottle: 45 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.818	3.818	(1.000)	272822	25.0000	
2	Dichlorodifluoromethane	85	0.939	0.939	(0.246)	110757	20.0000	16
3	Chloromethane	50	1.008	1.008	(0.264)	174564	20.0000	18
4	Vinyl Chloride	62	1.048	1.048	(0.274)	149774	20.0000	19
5	Bromomethane	94	1.176	1.176	(0.308)	82856	20.0000	6
6	Chloroethane	64	1.225	1.225	(0.321)	71495	20.0000	25
7	Trichlorofluoromethane	101	1.284	1.284	(0.336)	159419	20.0000	19
8	Dichlorofluoromethane	67	1.304	1.304	(0.342)	183168	20.0000	21
9	Ethyl Ether	45	1.402	1.402	(0.367)	65896	20.0000	21
10	Ethanol	45	1.452	1.452	(0.380)	57001	200.000	200
12	Freon 123	67	1.511	1.511	(0.396)	32204	20.0000	20
13	Trichlorotrifluoroethane	101	1.511	1.511	(0.396)	122561	20.0000	20
14	1,1-Dichloroethene	96	1.501	1.501	(0.393)	99577	20.0000	20
15	Carbon Disulfide	76	1.531	1.531	(0.401)	399991	20.0000	19
16	Iodomethane	142	1.580	1.580	(0.414)	182312	20.0000	18
17	Acrolein	56	1.659	1.659	(0.435)	343165	100.000	100
18	2-Propanol	45	1.718	1.718	(0.450)	11285	20.0000	28(H)
19	3-Chloro-1-Propene	41	1.718	1.718	(0.450)	203477	20.0000	20
20	Methylene Chloride	84	1.777	1.777	(0.466)	166270	20.0000	24
21	Acetone	43	1.797	1.797	(0.471)	88571	20.0000	28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	1.866	1.866	(0.489)	129564	20.0000	20
	23 Methyl Acetate	43	1.856	1.856	(0.486)	587169	20.0000	21
	24 Methyl tert-Butyl Ether	73	1.905	1.905	(0.499)	341424	20.0000	20
	25 tert-Butyl alcohol	59	1.945	1.945	(0.509)	101421	100.000	100
	26 Acetonitrile	41	2.053	2.053	(0.538)	435966	200.000	190
	27 Isopropyl ether	45	2.112	2.112	(0.553)	476120	20.0000	20
	28 tert-Butyl ethyl ether	59	2.359	2.359	(0.618)	403718	20.0000	20
	29 2-Chloro-1,3-Butadiene	88	2.201	2.201	(0.577)	121802	20.0000	20
	30 Acrylonitrile	53	2.240	2.240	(0.587)	112765	40.0000	38
	31 1,1-Dichloroethane	63	2.211	2.211	(0.579)	234706	20.0000	21
	32 Vinyl Acetate	43	2.369	2.369	(0.620)	749603	20.0000	20
	33 cis-1,2-Dichloroethene	96	2.585	2.585	(0.677)	151228	20.0000	20
	34 2,2-Dichloropropane	77	2.674	2.674	(0.700)	186618	20.0000	21
	35 Bromochloromethane	128	2.743	2.743	(0.719)	77957	20.0000	20
	37 Cyclohexane	84	2.753	2.753	(0.721)	192399	20.0000	20
	38 Chloroform	83	2.802	2.802	(0.734)	226302	20.0000	20
	39 Ethyl Acetate	43	2.901	2.901	(0.760)	48996	40.0000	50
	40 Methyl Acrylate	55	2.911	2.911	(0.762)	131227	20.0000	20
$	41 Dibromofluoromethane	111	2.960	2.960	(0.775)	148680	20.0000	20
	42 Tetrahydrofuran	42	2.940	2.940	(0.770)	107764	40.0000	44
	43 Carbon Tetrachloride	117	2.921	2.921	(0.765)	165924	20.0000	20
	44 1,1,1-Trichloroethane	97	2.980	2.980	(0.781)	170107	20.0000	20
	45 2-Butanone	43	3.069	3.069	(0.804)	97158	20.0000	34
	46 1,1-Dichloropropene	75	3.098	3.098	(0.812)	193193	20.0000	22
	47 tert-Amyl methyl ether	73	3.473	3.473	(0.910)	367897	20.0000	21
	49 1-Chlorobutane	56	3.147	3.147	(0.824)	247442	20.0000	20
	50 Heptane	43	2.733	2.733	(0.716)	216120	20.0000	22
	51 Propionitrile	54	3.364	3.364	(0.881)	206206	200.000	200
	52 Benzene	78	3.335	3.335	(0.873)	510606	20.0000	21
	53 2-Methyl-2-Propenenitrile	41	3.384	3.384	(0.886)	91180	20.0000	20
	54 Isobutyl alcohol	42	3.611	3.611	(0.946)	109632	100.000	97
$	55 1,2-Dichloroethane-d4	65	3.483	3.483	(0.912)	127857	20.0000	20
	56 1,2-Dichloroethane	62	3.561	3.561	(0.933)	142287	20.0000	20
	59 Methyl Cyclohexane	83	4.015	4.015	(1.052)	228735	20.0000	21
	60 Trichloroethene	130	4.035	4.035	(1.057)	141899	20.0000	20
	63 Dibromomethane	93	4.557	4.557	(1.194)	92274	20.0000	20
	64 1,2-Dichloropropane	63	4.676	4.676	(1.225)	143352	20.0000	20
	65 Bromodichloromethane	83	4.784	4.784	(1.253)	157338	20.0000	20
	66 Methyl Methacrylate	69	5.011	5.011	(1.312)	96940	20.0000	20
	67 1,4-Dioxane	58	5.030	5.030	(1.318)	24511	200.000	240
	69 2-Chloroethylvinylether	63	5.464	5.464	(1.431)	175964	20.0000	20
	70 cis-1,3-Dichloropropene	75	5.504	5.504	(1.442)	213034	20.0000	20
	71 Chloroacetonitrile	48	5.928	5.928	(1.553)	54014	200.000	190
	72 2-Nitropropane	41	5.987	5.987	(1.568)	57682	40.0000	38(M)
	73 trans-1,3-Dichloropropene	75	6.204	6.204	(1.625)	185104	20.0000	20
	74 1,1,2-Trichloroethane	97	6.352	6.352	(1.664)	116128	20.0000	20
*	75 Chlorobenzene-d5	117	7.209	7.209	(1.000)	266466	25.0000	
	76 Toluene	91	5.750	5.750	(0.798)	530711	20.0000	20
$	77 Toluene-d8	98	5.691	5.691	(0.789)	457230	20.0000	20
	78 1,1-Dichloro-2-propanone	43	6.006	6.006	(0.833)	394687	100.000	98(M)
	79 4-Methyl-2-Pentanone	43	6.174	6.174	(0.856)	151744	20.0000	21
	80 Tetrachloroethene	164	6.144	6.144	(0.852)	114751	20.0000	21
	81 Ethyl Methacrylate	69	6.401	6.401	(0.888)	166287	20.0000	20
	82 Dibromochloromethane	129	6.509	6.509	(0.903)	138577	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
83	1,3-Dichloropropane	76	6.608	6.608	(0.917)	204577	20.0000	21
84	1,2-Dibromoethane	107	6.716	6.716	(0.932)	135082	20.0000	20
86	2-Hexanone	43	7.002	7.002	(0.971)	115156	20.0000	21
87	1-Chlorohexane	91	7.259	7.259	(1.007)	233959	20.0000	24(M)
88	Chlorobenzene	112	7.229	7.229	(1.003)	346737	20.0000	21
89	1,1,1,2-Tetrachloroethane	131	7.298	7.298	(1.012)	118196	20.0000	20
90	Ethylbenzene	106	7.278	7.278	(1.010)	172933	20.0000	21
91	Xylene (total)mp	106	7.416	7.416	(1.029)	432158	40.0000	42
92	Xylene (total)o	106	7.801	7.801	(1.082)	211117	20.0000	21
93	Styrene	104	7.860	7.860	(1.090)	357083	20.0000	21
94	Bromoform	173	7.860	7.860	(1.090)	92781	20.0000	19
* 95	1,4-Dichlorobenzene-d4	152	9.309	9.309	(1.000)	136630	25.0000	
96	Isopropylbenzene	105	8.096	8.096	(0.870)	493620	20.0000	22
97	Bromobenzene	156	8.402	8.402	(0.903)	147927	20.0000	21
98	1,1,2,2-Tetrachloroethane	83	8.540	8.540	(0.917)	168267	20.0000	22
99	4-Ethyltoluene	105	8.570	8.570	(0.921)	519348	20.0000	22
100	1,2,3-Trichloropropane	110	8.639	8.639	(0.928)	41187	20.0000	21
101	trans-1,4-Dichloro-2-Butene	53	8.688	8.688	(0.933)	66678	40.0000	38
102	n-Propylbenzene	91	8.461	8.461	(0.909)	660504	20.0000	22
103	2-Chlorotoluene	91	8.580	8.580	(0.922)	429002	20.0000	22
104	4-Chlorotoluene	91	8.727	8.727	(0.938)	381010	20.0000	22
105	1,3,5-Trimethylbenzene	105	8.649	8.649	(0.929)	429353	20.0000	22
106	tert-Butylbenzene	119	8.915	8.915	(0.958)	361949	20.0000	22
107	1,2,4-Trimethylbenzene	105	8.984	8.984	(0.965)	424261	20.0000	22
108	sec-Butylbenzene	105	9.073	9.073	(0.975)	586173	20.0000	22
109	4-Isopropyltoluene	119	9.211	9.211	(0.989)	450178	20.0000	22
110	1,3-Dichlorobenzene	146	9.240	9.240	(0.993)	250187	20.0000	22
111	1,4-Dichlorobenzene	146	9.329	9.329	(1.002)	248795	20.0000	22
112	1,2-Dichlorobenzene	146	9.684	9.684	(1.040)	230398	20.0000	22
113	Benzyl Chloride	126	9.546	9.546	(1.025)	49718	20.0000	20
114	1,4-Diethylbenzene	119	9.526	9.526	(1.023)	218777	20.0000	22
115	n-Butylbenzene	91	9.575	9.575	(1.029)	528972	20.0000	24
118	1,2,4,5-Tetramethylbenzene	119	10.236	10.236	(1.100)	345122	20.0000	22
119	1,2-Dibromo-3-chloropropane	75	10.384	10.384	(1.115)	19293	20.0000	19
120	Nitrobenzene	77	10.877	10.877	(1.168)	30458	200.000	330
121	1,2,4-Trichlorobenzene	180	10.985	10.985	(1.180)	127995	20.0000	20
122	Hexachlorobutadiene	225	10.975	10.975	(1.179)	80909	20.0000	22
123	Naphthalene	128	11.261	11.261	(1.210)	248489	20.0000	18
124	1,2,3-Trichlorobenzene	180	11.419	11.419	(1.227)	113498	20.0000	20
$ 125	Bromofluorobenzene	95	8.333	8.333	(0.895)	155568	20.0000	21
M 126	1,2-Dichloroethene (total)	100				280792	40.0000	41
M 127	Xylene (total)	100				643275	60.0000	63

QC Flag Legend

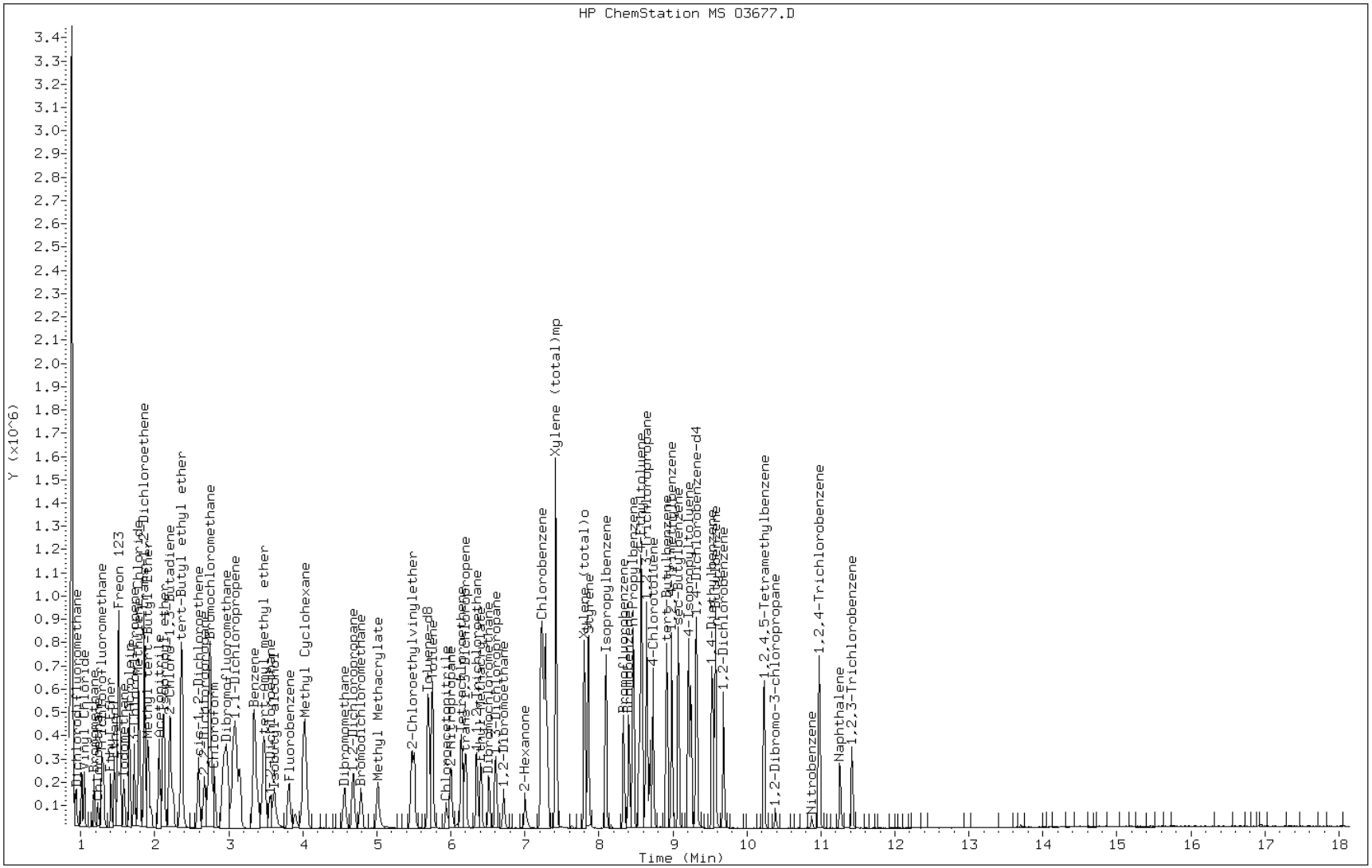
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O3677.D

Date: 29-APR-2011 16:36

Client ID: IC;20 Instrument: mso.i

Sample Info: IC;20 Operator: D. HUMBERT



Manual Integration Report

Data File: O3677.D
Inj. Date and Time: 29-APR-2011 16:36
Instrument ID: mso.i
Client ID: IC;20
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/04/2011

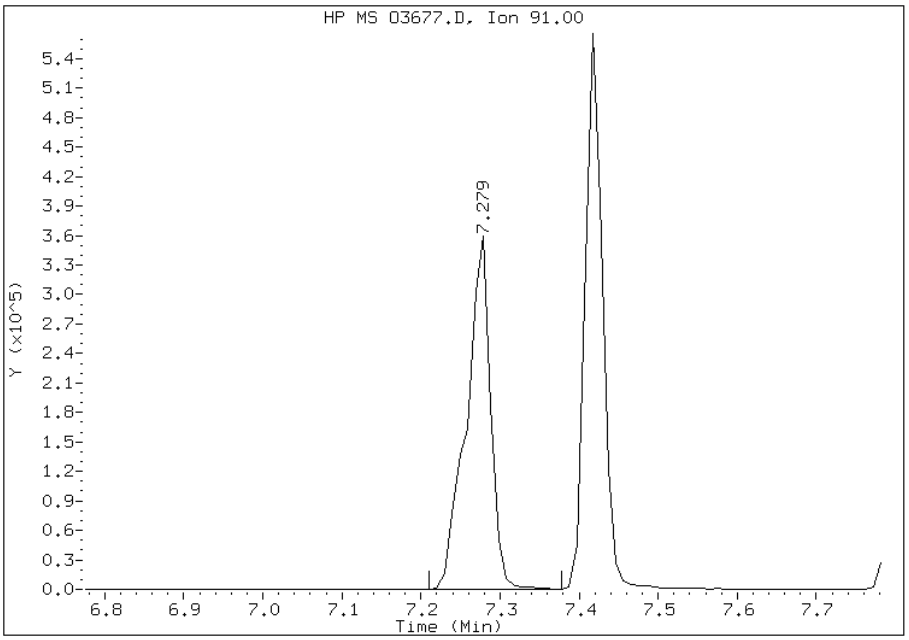
Processing Integration Results

RT: 7.28

Response: 779216

Amount: 40

Conc: 40



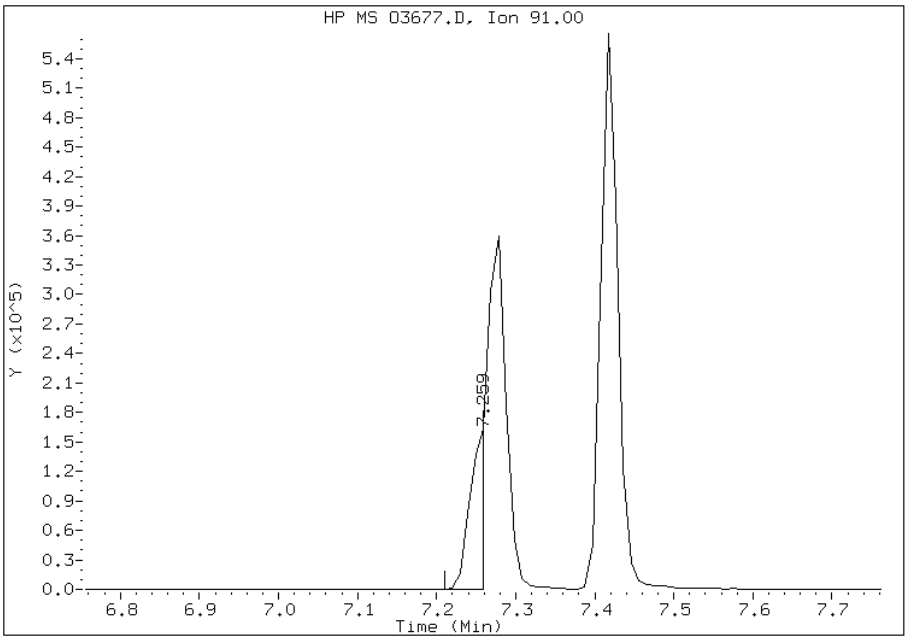
Manual Integration Results

RT: 7.26

Response: 233959

Amount: 24

Conc: 24



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O3677.D
Inj. Date and Time: 29-APR-2011 16:36
Instrument ID: mso.i
Client ID: IC;20
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 05/04/2011

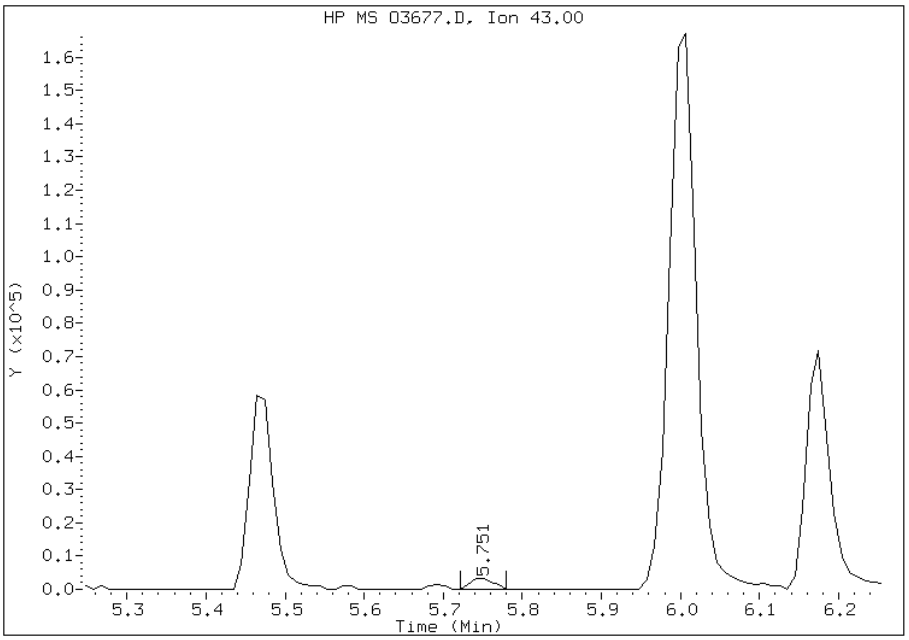
Processing Integration Results

RT: 5.75

Response: 6760

Amount: 2

Conc: 2



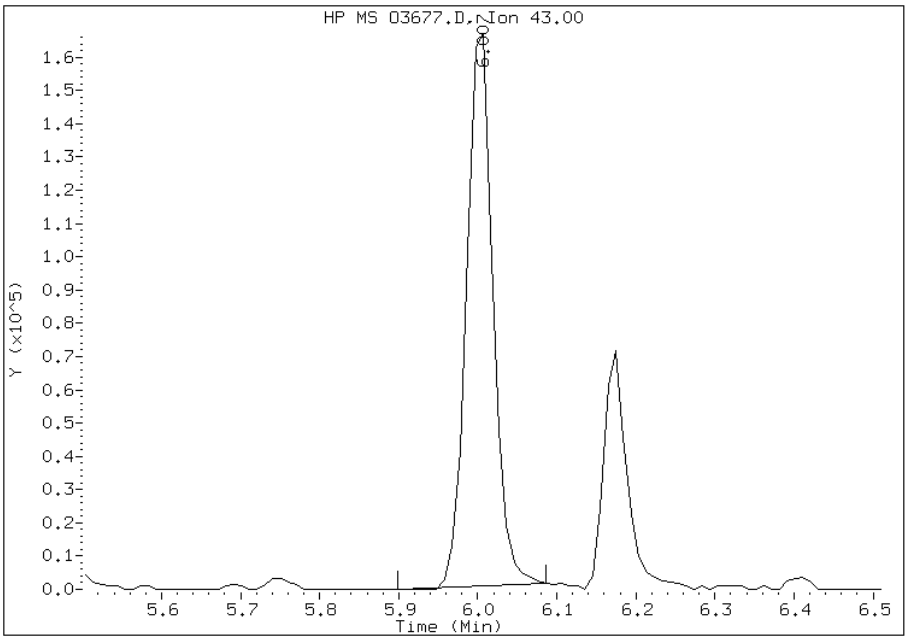
Manual Integration Results

RT: 6.01

Response: 394687

Amount: 98

Conc: 98



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O3677.D
Inj. Date and Time: 29-APR-2011 16:36
Instrument ID: mso.i
Client ID: IC;20
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 05/04/2011

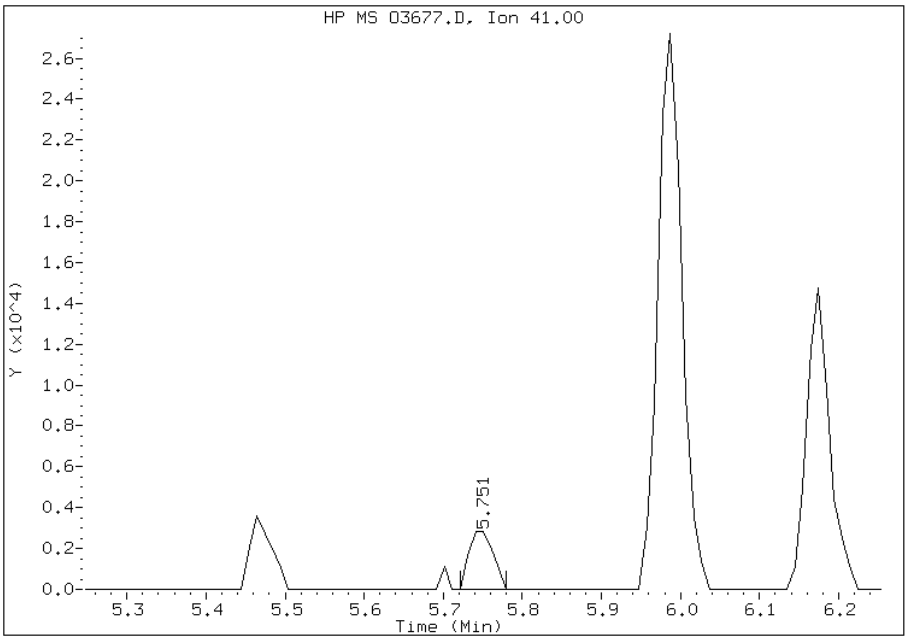
Processing Integration Results

RT: 5.75

Response: 6210

Amount: 5

Conc: 5



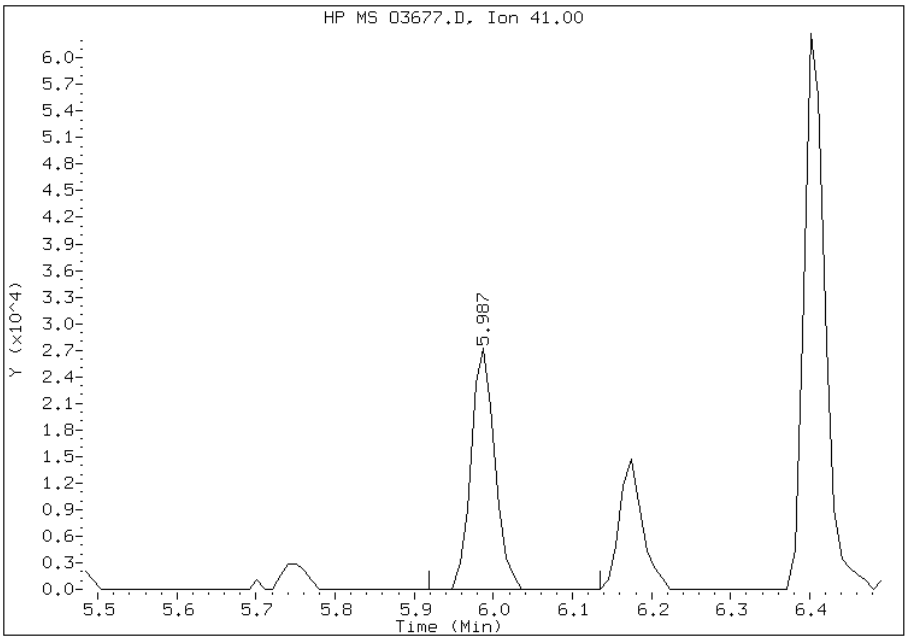
Manual Integration Results

RT: 5.99

Response: 57682

Amount: 39

Conc: 39



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O3678.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 29-APR-2011 17:02 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : IC;5
Misc Info :
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\O8260BNS.m
Meth Date : 02-May-2011 10:53 mso.i Quant Type: ISTD
Cal Date : 29-APR-2011 16:36 Cal File: O3677.D
Als bottle: 46 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.820	3.820	(1.000)	269880	25.0000	
2	Dichlorodifluoromethane	85	0.931	0.931	(0.244)	28565	5.00000	4
3	Chloromethane	50	1.010	1.010	(0.264)	45538	5.00000	5
4	Vinyl Chloride	62	1.049	1.049	(0.275)	37402	5.00000	5
5	Bromomethane	94	1.178	1.178	(0.308)	31866	5.00000	-1.0
6	Chloroethane	64	1.227	1.227	(0.321)	20069	5.00000	7
7	Trichlorofluoromethane	101	1.286	1.286	(0.337)	41081	5.00000	5
8	Dichlorofluoromethane	67	1.306	1.306	(0.342)	48686	5.00000	6(M)
9	Ethyl Ether	45	1.404	1.404	(0.368)	16914	5.00000	5
10	Ethanol	45	1.454	1.454	(0.381)	14605	50.0000	52
12	Freon 123	67	1.513	1.513	(0.396)	7581	5.00000	5
13	Trichlorotrifluoroethane	101	1.513	1.513	(0.396)	30205	5.00000	5
14	1,1-Dichloroethene	96	1.503	1.503	(0.394)	25116	5.00000	5
15	Carbon Disulfide	76	1.532	1.532	(0.401)	98874	5.00000	5
16	Iodomethane	142	1.582	1.582	(0.414)	42962	5.00000	4
17	Acrolein	56	1.661	1.661	(0.435)	88462	25.0000	26
18	2-Propanol	45	1.720	1.720	(0.450)	4520	5.00000	13(M)
19	3-Chloro-1-Propene	41	1.720	1.720	(0.450)	49870	5.00000	5
20	Methylene Chloride	84	1.779	1.779	(0.466)	63803	5.00000	9
21	Acetone	43	1.799	1.799	(0.471)	31422	5.00000	9

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	1.868	1.868	(0.489)	31773	5.00000	5
	23 Methyl Acetate	43	1.858	1.858	(0.486)	155766	5.00000	6
	24 Methyl tert-Butyl Ether	73	1.907	1.907	(0.499)	85143	5.00000	5
	25 tert-Butyl alcohol	59	1.946	1.946	(0.510)	26079	25.0000	27
	26 Acetonitrile	41	2.055	2.055	(0.538)	138383	50.0000	61
	27 Isopropyl ether	45	2.114	2.114	(0.554)	118009	5.00000	5
	28 tert-Butyl ethyl ether	59	2.361	2.361	(0.618)	101618	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.203	2.203	(0.577)	30004	5.00000	5
	30 Acrylonitrile	53	2.252	2.252	(0.590)	29680	10.0000	10
	31 1,1-Dichloroethane	63	2.213	2.213	(0.579)	58923	5.00000	5
	32 Vinyl Acetate	43	2.370	2.370	(0.621)	186904	5.00000	5
	33 cis-1,2-Dichloroethene	96	2.587	2.587	(0.677)	37214	5.00000	5
	34 2,2-Dichloropropane	77	2.666	2.666	(0.698)	58835	5.00000	7
	35 Bromochloromethane	128	2.745	2.745	(0.719)	18641	5.00000	5
	37 Cyclohexane	84	2.755	2.755	(0.721)	49593	5.00000	5
	38 Chloroform	83	2.804	2.804	(0.734)	55384	5.00000	5
	39 Ethyl Acetate	43	2.913	2.913	(0.763)	12835	10.0000	13
	40 Methyl Acrylate	55	2.913	2.913	(0.763)	29780	5.00000	5
$	41 Dibromofluoromethane	111	2.962	2.962	(0.775)	36344	5.00000	5
	42 Tetrahydrofuran	42	2.942	2.942	(0.770)	26649	10.0000	11
	43 Carbon Tetrachloride	117	2.922	2.922	(0.765)	40668	5.00000	5
	44 1,1,1-Trichloroethane	97	2.982	2.982	(0.781)	41333	5.00000	5
	45 2-Butanone	43	3.080	3.080	(0.806)	36736	5.00000	14
	46 1,1-Dichloropropene	75	3.100	3.100	(0.812)	58564	5.00000	6
	47 tert-Amyl methyl ether	73	3.475	3.475	(0.910)	91063	5.00000	5
	49 1-Chlorobutane	56	3.149	3.149	(0.825)	60127	5.00000	5
	50 Heptane	43	2.735	2.735	(0.716)	58982	5.00000	6
	51 Propionitrile	54	3.366	3.366	(0.881)	53900	50.0000	54
	52 Benzene	78	3.337	3.337	(0.874)	126733	5.00000	5
	53 2-Methyl-2-Propenenitrile	41	3.386	3.386	(0.886)	22429	5.00000	5
	54 Isobutyl alcohol	42	3.622	3.622	(0.948)	26219	25.0000	24
$	55 1,2-Dichloroethane-d4	65	3.484	3.484	(0.912)	30663	5.00000	5
	56 1,2-Dichloroethane	62	3.563	3.563	(0.933)	34311	5.00000	5
	59 Methyl Cyclohexane	83	4.017	4.017	(1.052)	55870	5.00000	5
	60 Trichloroethene	130	4.037	4.037	(1.057)	33819	5.00000	5
	63 Dibromomethane	93	4.569	4.569	(1.196)	22269	5.00000	5
	64 1,2-Dichloropropane	63	4.677	4.677	(1.225)	36056	5.00000	5(T)
	65 Bromodichloromethane	83	4.786	4.786	(1.253)	38106	5.00000	5
	66 Methyl Methacrylate	69	5.013	5.013	(1.312)	22190	5.00000	5
	67 1,4-Dioxane	58	5.042	5.042	(1.320)	3835	50.0000	68
	69 2-Chloroethylvinylether	63	5.476	5.476	(1.434)	40585	5.00000	5
	70 cis-1,3-Dichloropropene	75	5.505	5.505	(1.441)	52181	5.00000	5
	71 Chloroacetonitrile	48	5.939	5.939	(1.555)	13627	50.0000	49
	72 2-Nitropropane	41	5.989	5.989	(1.568)	13419	10.0000	9(M)
	73 trans-1,3-Dichloropropene	75	6.205	6.205	(1.625)	44177	5.00000	5
	74 1,1,2-Trichloroethane	97	6.353	6.353	(1.663)	28186	5.00000	5
*	75 Chlorobenzene-d5	117	7.211	7.211	(1.000)	265498	25.0000	
	76 Toluene	91	5.752	5.752	(0.798)	134789	5.00000	5
$	77 Toluene-d8	98	5.703	5.703	(0.791)	112381	5.00000	5
	78 1,1-Dichloro-2-propanone	43	6.008	6.008	(0.833)	102314	25.0000	26(M)
	79 4-Methyl-2-Pentanone	43	6.176	6.176	(0.856)	35253	5.00000	5
	80 Tetrachloroethene	164	6.146	6.146	(0.852)	26439	5.00000	5
	81 Ethyl Methacrylate	69	6.412	6.412	(0.889)	37152	5.00000	4
	82 Dibromochloromethane	129	6.511	6.511	(0.903)	33079	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
83	1,3-Dichloropropane	76	6.610	6.610	(0.917)	49030	5.00000	5
84	1,2-Dibromoethane	107	6.718	6.718	(0.932)	31837	5.00000	5
86	2-Hexanone	43	7.004	7.004	(0.971)	32029	5.00000	6
87	1-Chlorohexane	91	7.260	7.260	(1.007)	56448	5.00000	6(M)
88	Chlorobenzene	112	7.231	7.231	(1.003)	83615	5.00000	5
89	1,1,1,2-Tetrachloroethane	131	7.300	7.300	(1.012)	27867	5.00000	5
90	Ethylbenzene	106	7.280	7.280	(1.010)	44062	5.00000	5
91	Xylene (total)mp	106	7.418	7.418	(1.029)	106907	10.0000	10
92	Xylene (total)o	106	7.803	7.803	(1.082)	51013	5.00000	5
93	Styrene	104	7.862	7.862	(1.090)	82267	5.00000	5
94	Bromoform	173	7.862	7.862	(1.090)	19848	5.00000	4
* 95	1,4-Dichlorobenzene-d4	152	9.311	9.311	(1.000)	133778	25.0000	
96	Isopropylbenzene	105	8.098	8.098	(0.870)	121527	5.00000	5
97	Bromobenzene	156	8.414	8.414	(0.904)	36377	5.00000	5
98	1,1,2,2-Tetrachloroethane	83	8.542	8.542	(0.917)	41643	5.00000	5
99	4-Ethyltoluene	105	8.572	8.572	(0.921)	123790	5.00000	5
100	1,2,3-Trichloropropane	110	8.641	8.641	(0.928)	9811	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	8.690	8.690	(0.933)	14223	10.0000	8
102	n-Propylbenzene	91	8.463	8.463	(0.909)	155857	5.00000	5
103	2-Chlorotoluene	91	8.581	8.581	(0.922)	104553	5.00000	5
104	4-Chlorotoluene	91	8.729	8.729	(0.938)	94071	5.00000	5
105	1,3,5-Trimethylbenzene	105	8.650	8.650	(0.929)	100916	5.00000	5
106	tert-Butylbenzene	119	8.917	8.917	(0.958)	90471	5.00000	6
107	1,2,4-Trimethylbenzene	105	8.986	8.986	(0.965)	100850	5.00000	5
108	sec-Butylbenzene	105	9.074	9.074	(0.975)	141646	5.00000	5
109	4-Isopropyltoluene	119	9.212	9.212	(0.989)	106860	5.00000	5
110	1,3-Dichlorobenzene	146	9.242	9.242	(0.993)	59024	5.00000	5
111	1,4-Dichlorobenzene	146	9.321	9.321	(1.001)	58965	5.00000	5
112	1,2-Dichlorobenzene	146	9.686	9.686	(1.040)	55772	5.00000	5
113	Benzyl Chloride	126	9.557	9.557	(1.026)	9973	5.00000	4
114	1,4-Diethylbenzene	119	9.528	9.528	(1.023)	48543	5.00000	5
115	n-Butylbenzene	91	9.577	9.577	(1.029)	120386	5.00000	5(M)
118	1,2,4,5-Tetramethylbenzene	119	10.238	10.238	(1.100)	75862	5.00000	5
119	1,2-Dibromo-3-chloropropane	75	10.386	10.386	(1.115)	4206	5.00000	4
120	Nitrobenzene	77	10.878	10.878	(1.168)	4487	50.0000	170(M)
121	1,2,4-Trichlorobenzene	180	10.987	10.987	(1.180)	25677	5.00000	4
122	Hexachlorobutadiene	225	10.977	10.977	(1.179)	18945	5.00000	5
123	Naphthalene	128	11.263	11.263	(1.210)	48545	5.00000	4
124	1,2,3-Trichlorobenzene	180	11.421	11.421	(1.227)	23937	5.00000	4
$ 125	Bromofluorobenzene	95	8.335	8.335	(0.895)	38501	5.00000	5
M 126	1,2-Dichloroethene (total)	100				68987	10.0000	10
M 127	Xylene (total)	100				157920	15.0000	15

QC Flag Legend

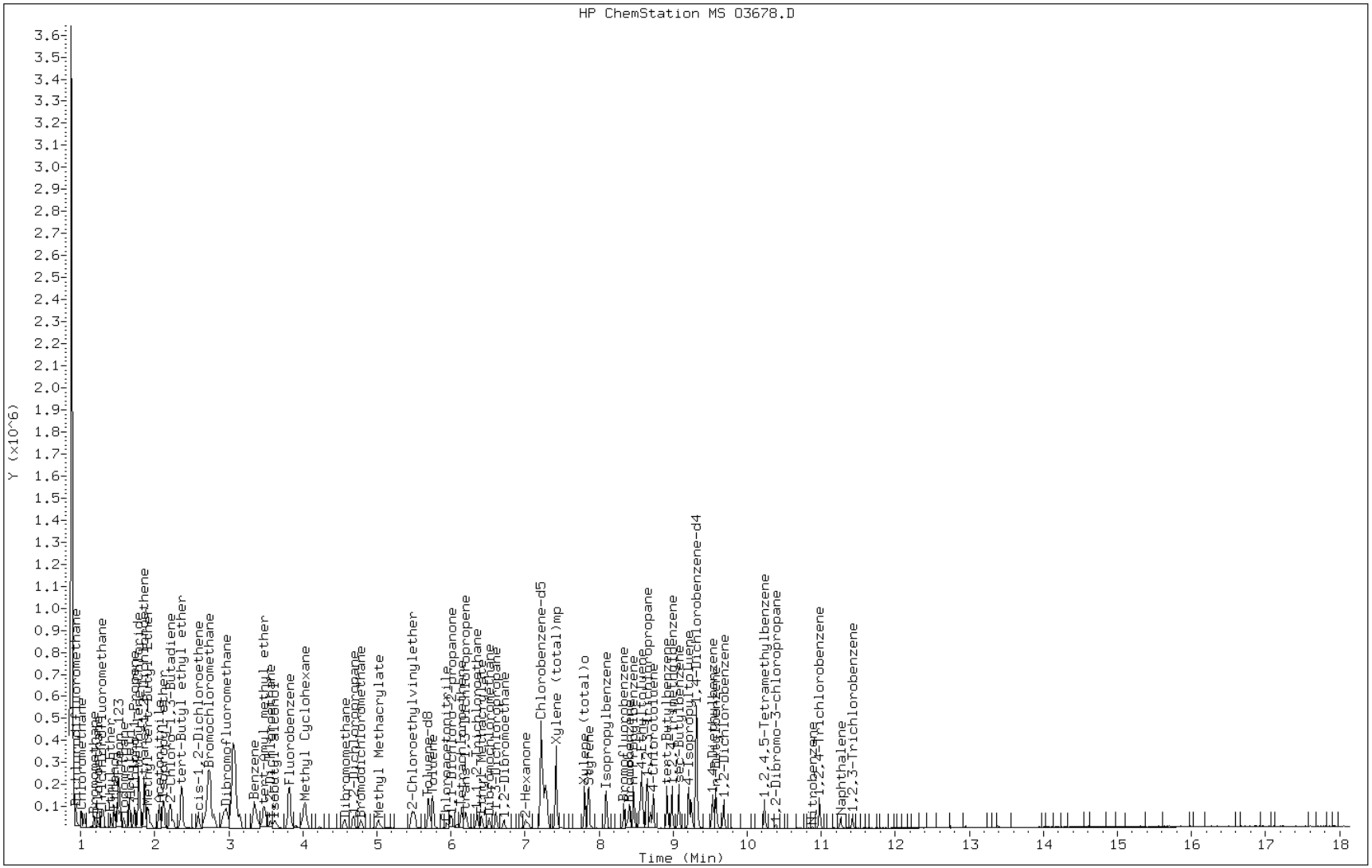
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: O3678.D

Date: 29-APR-2011 17:02

Client ID: IC;5 Instrument: mso.i

Sample Info: IC;5 Operator: D. HUMBERT



Manual Integration Report

Data File: O3678.D
Inj. Date and Time: 29-APR-2011 17:02
Instrument ID: mso.i
Client ID: IC;5
Compound: 120 Nitrobenzene
CAS #: 98-95-3
Report Date: 05/04/2011

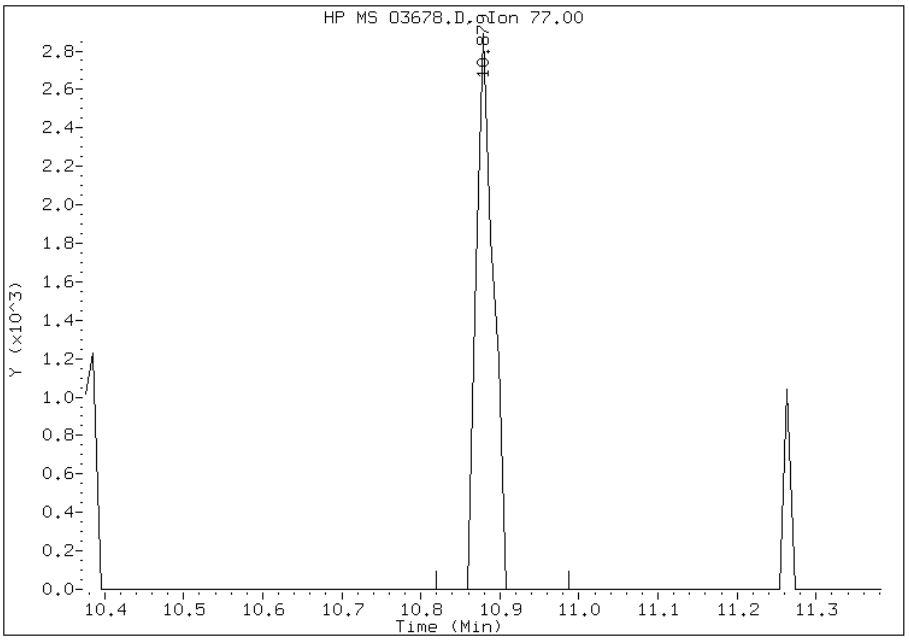
Processing Integration Results

RT: 10.88

Response: 4487

Amount: 167

Conc: 167



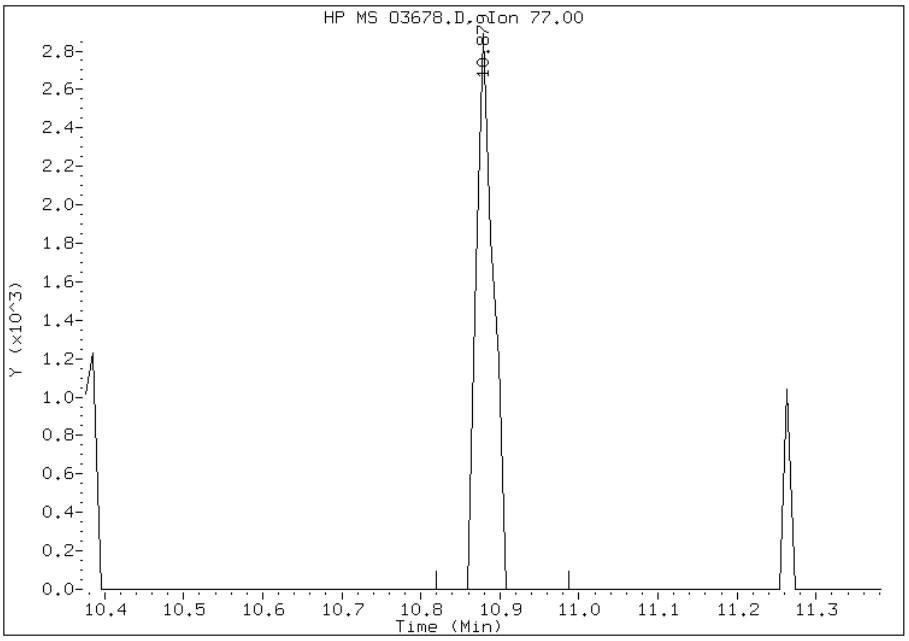
Manual Integration Results

RT: 10.88

Response: 4487

Amount: 167

Conc: 167



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O3678.D
Inj. Date and Time: 29-APR-2011 17:02
Instrument ID: mso.i
Client ID: IC;5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 05/04/2011

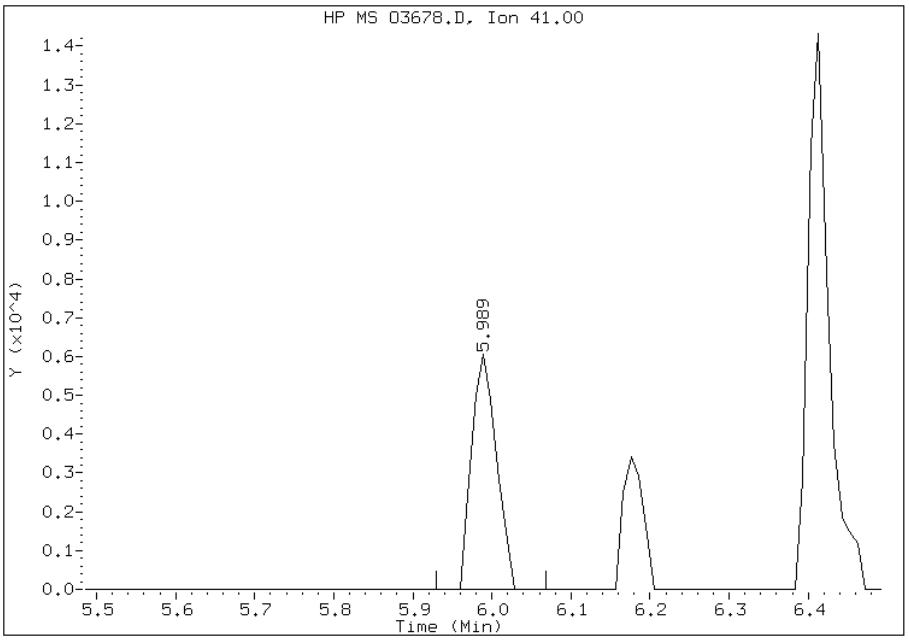
Processing Integration Results

RT: 5.99

Response: 13419

Amount: 9

Conc: 9



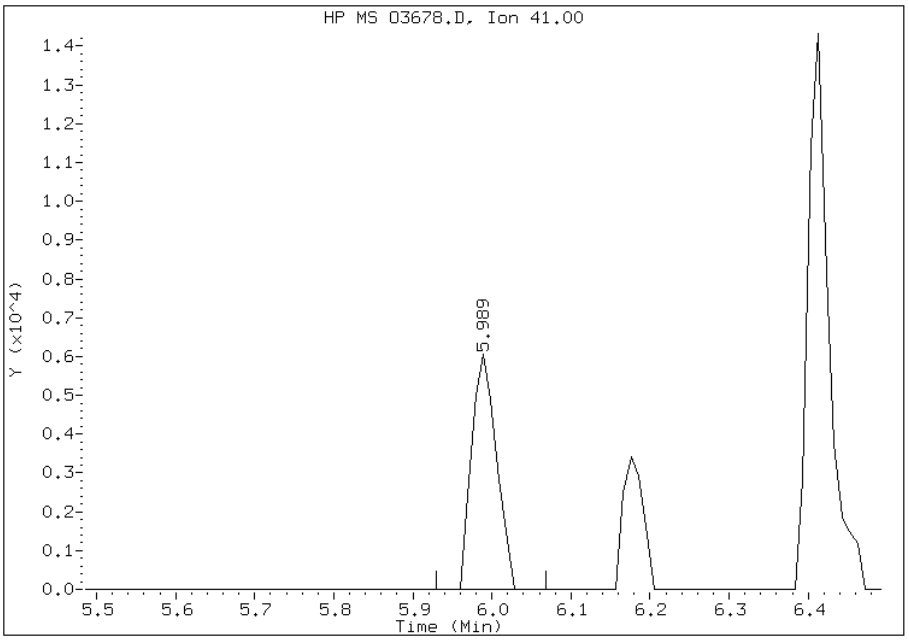
Manual Integration Results

RT: 5.99

Response: 13419

Amount: 9

Conc: 9



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O3678.D
Inj. Date and Time: 29-APR-2011 17:02
Instrument ID: mso.i
Client ID: IC;5
Compound: 18 2-Propanol
CAS #: 67-63-0
Report Date: 05/04/2011

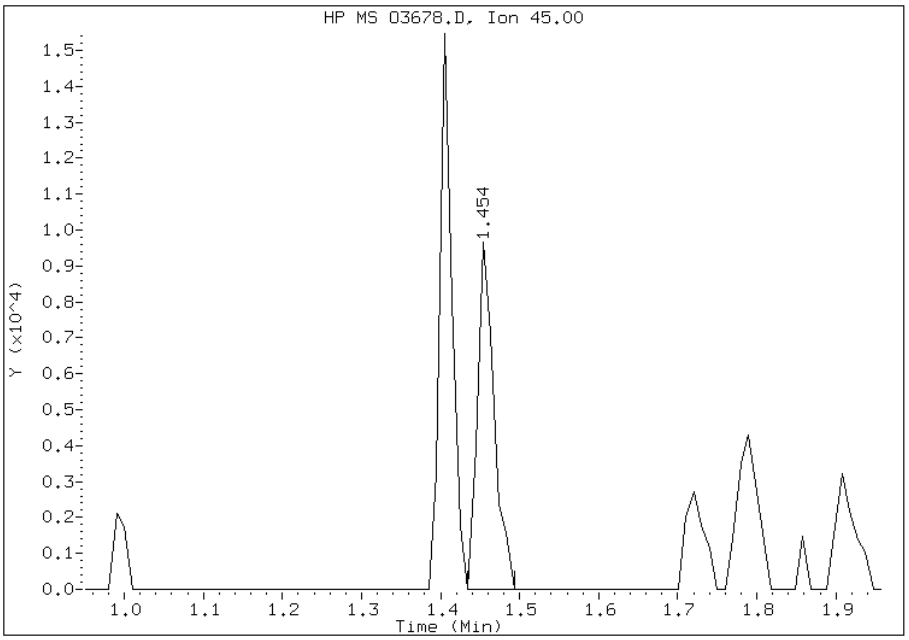
Processing Integration Results

RT: 1.45

Response: 14605

Amount: 23

Conc: 23



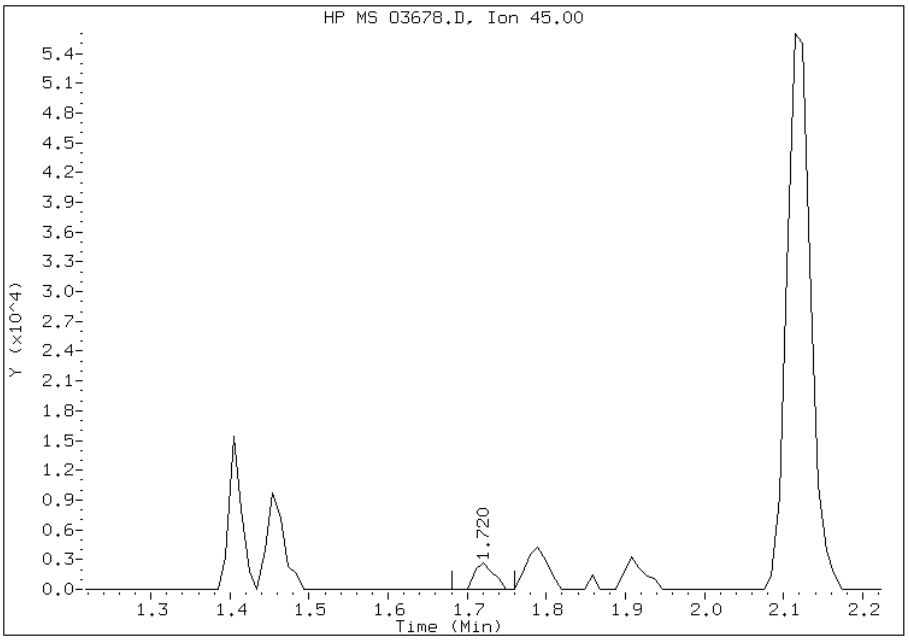
Manual Integration Results

RT: 1.72

Response: 4520

Amount: 13

Conc: 13



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

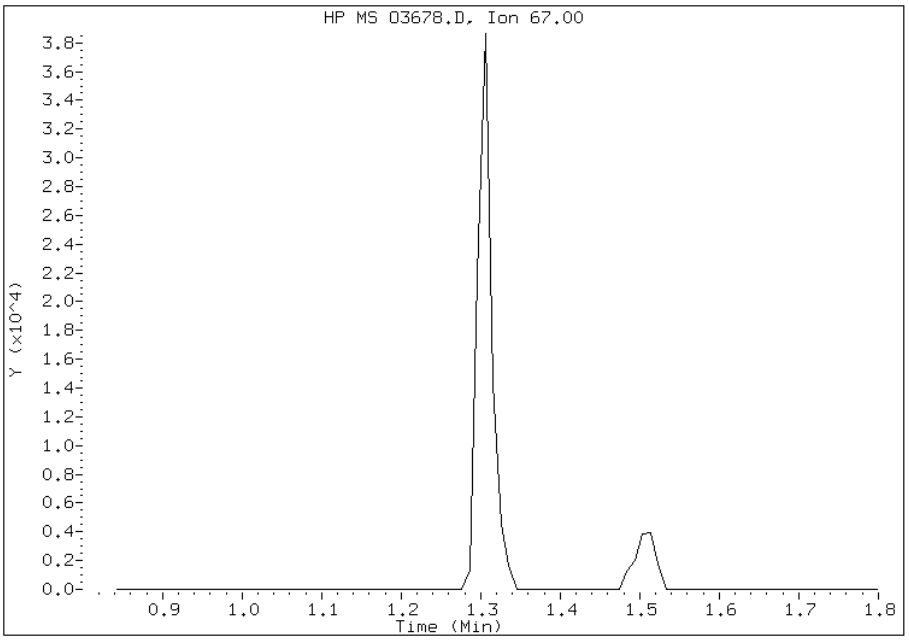
Manual Integration Report

Data File: O3678.D
Inj. Date and Time: 29-APR-2011 17:02
Instrument ID: mso.i
Client ID: IC;5
Compound: 8 Dichlorofluoromethane
CAS #: 75-43-4
Report Date: 05/04/2011

Processing Integration Results

Not Detected

Expected RT: 1.30



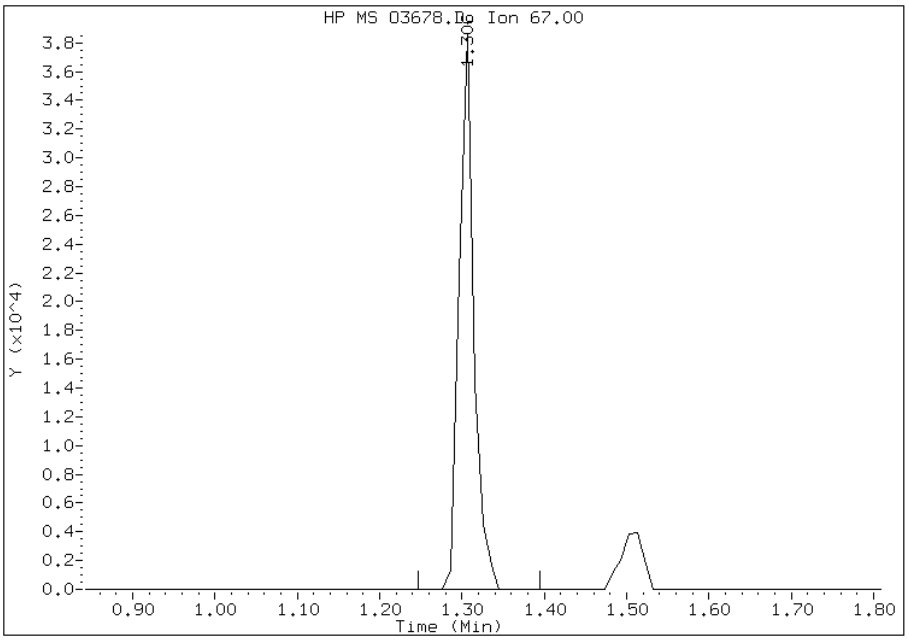
Manual Integration Results

RT: 1.31

Response: 48686

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O3678.D
Inj. Date and Time: 29-APR-2011 17:02
Instrument ID: mso.i
Client ID: IC;5
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/04/2011

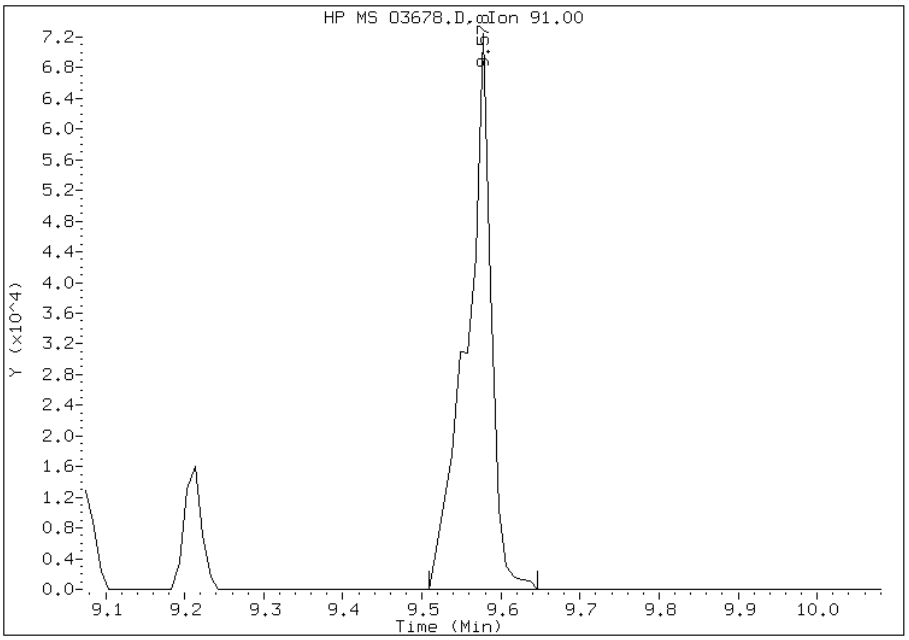
Processing Integration Results

RT: 9.58

Response: 159022

Amount: 7

Conc: 7



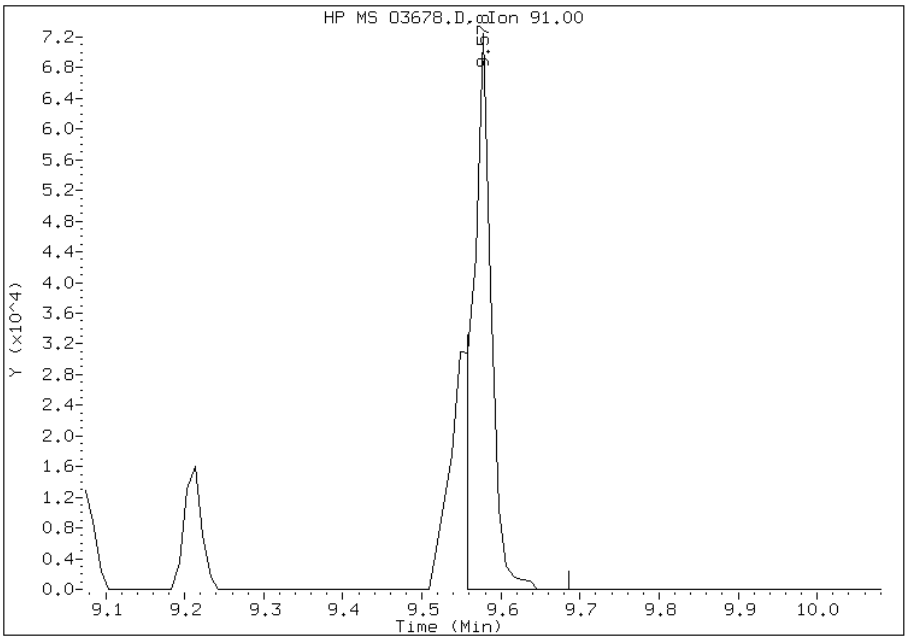
Manual Integration Results

RT: 9.58

Response: 120386

Amount: 5

Conc: 5



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O3678.D
Inj. Date and Time: 29-APR-2011 17:02
Instrument ID: mso.i
Client ID: IC;5
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 05/04/2011

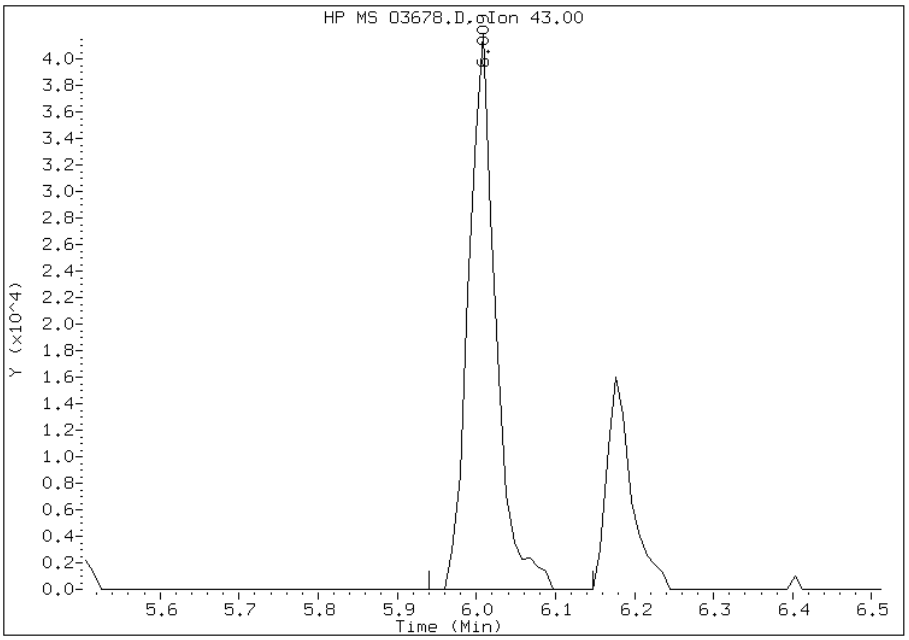
Processing Integration Results

RT: 6.01

Response: 102314

Amount: 26

Conc: 26



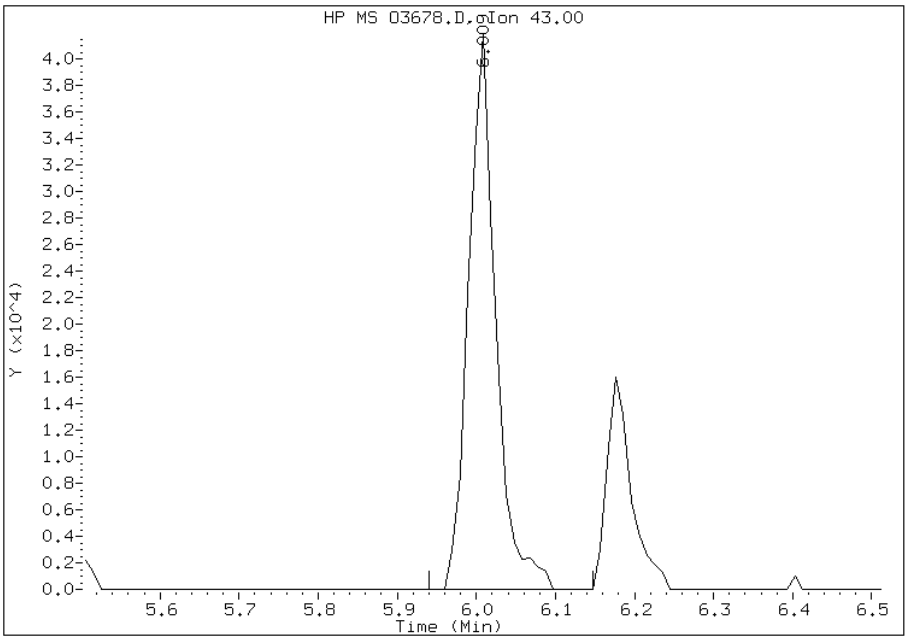
Manual Integration Results

RT: 6.01

Response: 102314

Amount: 26

Conc: 26



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: O3678.D
Inj. Date and Time: 29-APR-2011 17:02
Instrument ID: mso.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/04/2011

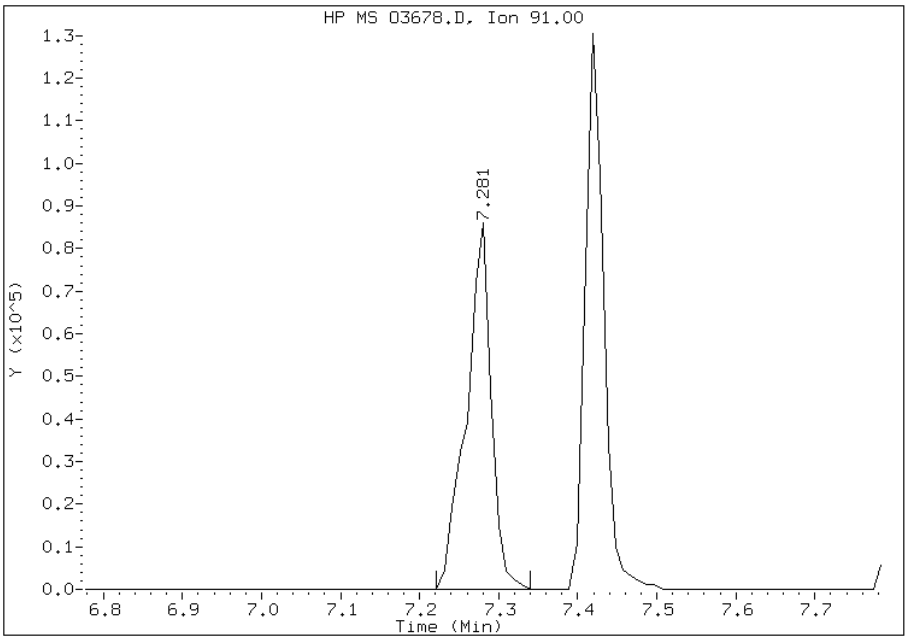
Processing Integration Results

RT: 7.28

Response: 190986

Amount: 13

Conc: 13



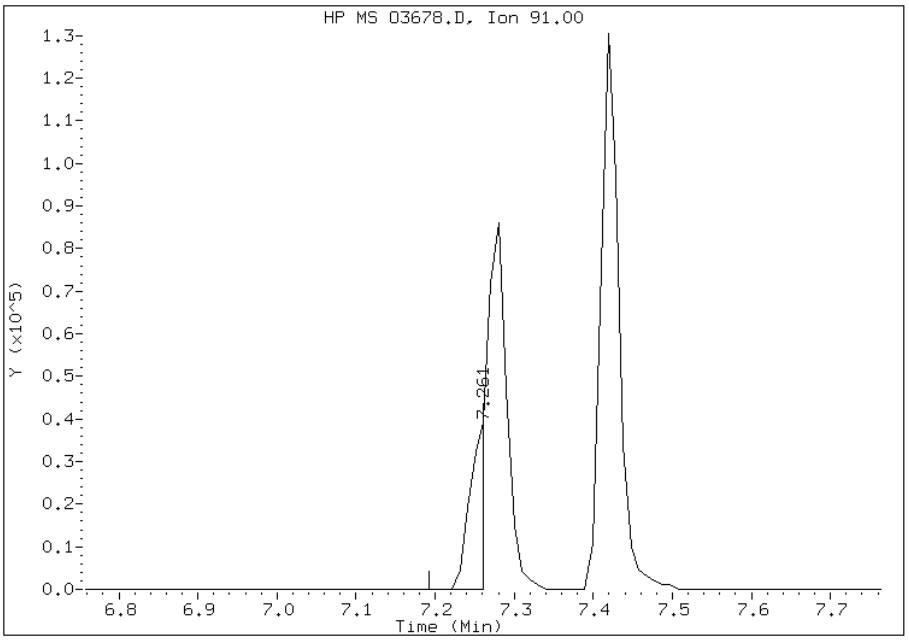
Manual Integration Results

RT: 7.26

Response: 56448

Amount: 6

Conc: 6



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50397/1 Calibration Date: 05/03/2011 22:36

Instrument ID: MSL Calib Start Date: 05/02/2011 18:36

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 05/02/2011 20:37

Lab File ID: L9405.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Heptane	Ave		0.0000		5.00	50.0		30.0
Isopropyl alcohol	Ave		0.0000		5.00	50.0		30.0
Dichlorodifluoromethane	Lin	0.0960	0.1177		54.6	50.0	9.3	30.0
Chloromethane	Ave	0.1744	0.1867	0.1000	53.5	50.0	7.1	30.0
Vinyl chloride	Ave	0.1477	0.1705		57.7	50.0	15.4	20.0
Bromomethane	Lin	0.0814	0.1047		71.7	50.0	43.3*	30.0
Chloroethane	Ave	0.0661	0.0979		74.1	50.0	48.2*	30.0
Trichlorofluoromethane	Lin	0.1884	0.2313		56.6	50.0	13.2	30.0
Dichlorofluoromethane	Ave	0.2192	0.2443		55.7	50.0	11.4	30.0
Ethyl ether	Ave	0.1006	0.1023		50.8	50.0	1.7	30.0
Ethanol	Ave	0.0086	0.0085		491	500	-1.8	30.0
1,1-Dichloroethene	Ave	0.1326	0.1448		54.6	50.0	9.2	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Lin	0.0382	0.0423		50.9	50.0	1.8	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.1408	0.1554		55.2	50.0	10.3	30.0
Carbon disulfide	Lin	0.5076	0.5323		50.1	50.0	0.2	30.0
Iodomethane	Lin	0.2063	0.2344		51.9	50.0	3.7	30.0
Acrolein	Ave	0.1053	0.1019		242	250	-3.2	30.0
3-Chloro-1-propene	Ave	0.2820	0.2971		52.7	50.0	5.3	30.0
Methylene Chloride	Ave	0.2265	0.2193		48.4	50.0	-3.2	30.0
Acetone	Ave	0.0851	0.1139		67.0	50.0	33.9*	30.0
Methyl acetate	Ave	1.151	1.167		50.7	50.0	1.4	30.0
trans-1,2-Dichloroethene	Ave	0.1808	0.1927		53.3	50.0	6.6	30.0
Methyl tert-butyl ether	Ave	0.5679	0.5709		50.3	50.0	0.5	30.0
tert-Butyl alcohol	Ave	0.0295	0.0267		226	250	-9.5	30.0
Acetonitrile	Ave	0.0734	0.0713		484	499	-3.0	30.0
Isopropyl ether	Ave	0.7231	0.7360		50.9	50.0	1.8	30.0
2-Chloro-1,3-butadiene	Lin	0.1566	0.1654		49.9	50.0	-0.2	30.0
1,1-Dichloroethane	Ave	0.3132	0.3221	0.1000	51.4	50.0	2.8	30.0
Acrylonitrile	Ave	0.1020	0.1028		101	100	0.8	30.0
Tert-butyl ethyl ether	Ave	0.6180	0.6189		50.1	50.0	0.1	30.0
Vinyl acetate	Ave	1.177	1.159		49.2	50.0	-1.6	30.0
cis-1,2-Dichloroethene	Ave	0.2238	0.2239		50.0	50.0	0.0	30.0
2,2-Dichloropropane	Ave	0.2297	0.2421		52.7	50.0	5.4	30.0
Bromochloromethane	Ave	0.1136	0.1130		49.8	50.0	-0.5	30.0
Cyclohexane	Lin	0.1602	0.1734		50.7	50.0	1.5	30.0
Chloroform	Ave	0.3340	0.3277		49.1	50.0	-1.9	20.0
Ethyl acetate	Ave	0.0181	0.0171		94.2	100	-5.8	30.0
Methyl acrylate	Ave	0.2281	0.2267		49.7	50.0	-0.6	30.0
Carbon tetrachloride	Ave	0.1733	0.1834		52.9	50.0	5.8	30.0
Tetrahydrofuran	Ave	0.0880	0.0875		99.4	100	-0.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50397/1 Calibration Date: 05/03/2011 22:36

Instrument ID: MSL Calib Start Date: 05/02/2011 18:36

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 05/02/2011 20:37

Lab File ID: L9405.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trichloroethane	Lin	0.2421	0.2533		49.6	50.0	-0.7	30.0
Methyl Ethyl Ketone	Ave	0.1334	0.1583		59.3	50.0	18.6	30.0
1,1-Dichloropropene	Lin	0.2135	0.2278		50.2	50.0	0.4	30.0
1-Chlorobutane	Ave	0.2971	0.3116		52.4	50.0	4.9	30.0
Benzene	Ave	0.7081	0.7042		49.7	50.0	-0.6	30.0
Propionitrile	Ave	0.0378	0.0364		482	500	-3.6	30.0
Methacrylonitrile	Ave	0.1733	0.1707		49.3	50.0	-1.5	30.0
Tert-amyl methyl ether	Ave	0.5933	0.5913		49.8	50.0	-0.3	30.0
1,2-Dichloroethane	Ave	0.2321	0.2321		50.0	50.0	-0.0	30.0
Isobutyl alcohol	Ave	0.0188	0.0170		451	499	-9.7	30.0
Methylcyclohexane	Ave	0.1534	0.1528		49.8	50.0	-0.4	30.0
Trichloroethene	Lin	0.1740	0.1799		49.1	50.0	-1.7	30.0
Dibromomethane	Ave	0.1673	0.1629		48.7	50.0	-2.6	30.0
1,2-Dichloropropane	Ave	0.1976	0.2001		50.6	50.0	1.3	20.0
Bromodichloromethane	Ave	0.2621	0.2639		50.3	50.0	0.7	30.0
Methyl methacrylate	Ave	0.1693	0.1693		50.0	50.0	0.0	30.0
1,4-Dioxane	Ave	0.0045	0.0032		358	499	-28.2	30.0
2-Chloroethyl vinyl ether	Ave	0.3606	0.3605		49.9	49.9	-0.0	30.0
cis-1,3-Dichloropropene	Ave	0.3285	0.3272		49.8	50.0	-0.4	30.0
Toluene	Ave	1.036	1.050		50.6	50.0	1.3	20.0
Chloroacetonitrile	Ave	0.0108	0.0103		476	500	-4.8	30.0
2-Nitropropane	Ave	0.0639	0.0629		98.5	100	-1.5	30.0
1,1-Dichloro-2-propanone	Ave	0.2102	0.2044		243	250	-2.8	30.0
Tetrachloroethene	Lin	0.1667	0.1695		48.6	50.0	-2.9	30.0
methyl isobutyl ketone	Ave	0.3888	0.3838		49.3	50.0	-1.3	30.0
trans-1,3-Dichloropropene	Ave	0.3016	0.3086		51.2	50.0	2.3	30.0
1,1,2-Trichloroethane	Ave	0.2022	0.2039		50.4	50.0	0.9	30.0
Ethyl methacrylate	Ave	0.4209	0.4071		48.4	50.0	-3.3	30.0
Dibromochloromethane	Ave	0.3138	0.2977		47.4	50.0	-5.1	30.0
1,3-Dichloropropane	Ave	0.4784	0.4740		49.5	50.0	-0.9	30.0
1,2-Dibromoethane	Ave	0.3373	0.3283		48.7	50.0	-2.7	30.0
2-Hexanone	Ave	0.2804	0.2919		52.0	50.0	4.1	30.0
Chlorobenzene	Ave	0.6759	0.6738	0.3000	49.8	50.0	-0.3	30.0
1-Chlorohexane	Ave	0.2967	0.3241		54.6	50.0	9.2	30.0
Ethylbenzene	Ave	0.2997	0.3065		51.1	50.0	2.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2455	0.2405		49.0	50.0	-2.0	30.0
m&p-Xylene	Ave	0.3717	0.3746		101	100	0.8	30.0
o-Xylene	Ave	0.3789	0.3758		49.6	50.0	-0.8	30.0
Styrene	Ave	0.7005	0.6860		49.0	50.0	-2.1	30.0
Bromoform	Ave	0.2405	0.2359	0.1000	49.0	50.0	-1.9	30.0
Isopropylbenzene	Ave	1.669	1.654		49.6	50.0	-0.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50397/1 Calibration Date: 05/03/2011 22:36

Instrument ID: MSL Calib Start Date: 05/02/2011 18:36

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 05/02/2011 20:37

Lab File ID: L9405.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromobenzene	Ave	0.6797	0.6457		47.5	50.0	-5.0	30.0
N-Propylbenzene	Ave	2.137	2.073		48.5	50.0	-3.0	30.0
1,1,2,2-Tetrachloroethane	Ave	1.027	0.9724	0.3000	47.3	50.0	-5.3	30.0
4-Ethyltoluene	Ave	1.748	1.682		48.1	50.0	-3.8	30.0
2-Chlorotoluene	Ave	1.656	1.624		49.0	50.0	-2.0	30.0
1,2,3-Trichloropropane	Ave	0.2665	0.2515		47.2	50.0	-5.7	30.0
1,3,5-Trimethylbenzene	Ave	1.409	1.358		48.2	50.0	-3.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2333	0.2355		101	100	0.9	30.0
4-Chlorotoluene	Ave	1.606	1.598		49.7	50.0	-0.5	30.0
tert-Butylbenzene	Ave	1.042	1.008		48.4	50.0	-3.2	30.0
1,2,4-Trimethylbenzene	Ave	1.499	1.424		47.5	50.0	-5.0	30.0
sec-Butylbenzene	Ave	1.670	1.494		44.7	50.0	-10.6	30.0
4-Isopropyltoluene	Ave	1.301	1.176		45.2	50.0	-9.6	30.0
1,3-Dichlorobenzene	Ave	0.9361	0.9008		48.1	50.0	-3.8	30.0
1,4-Dichlorobenzene	Ave	0.995	0.9285		46.6	50.0	-6.7	30.0
p-Diethylbenzene	Ave	0.1962	0.1775		45.2	50.0	-9.6	30.0
Benzyl chloride	Ave	0.3194	0.3243		50.8	50.0	1.5	30.0
n-Butylbenzene	Ave	3.086	1.524		24.7	50.0	-50.6*	30.0
1,2-Dichlorobenzene	Ave	0.9707	0.9250		47.6	50.0	-4.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	0.3855	0.3338		43.3	50.0	-13.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1456	0.1301		44.7	50.0	-10.7	30.0
Nitrobenzene	Ave	0.0819	0.0582		355	500	-29.0	30.0
Hexachlorobutadiene	Ave	0.2729	0.1461		26.8	50.0	-46.5*	30.0
1,2,4-Trichlorobenzene	Ave	0.6083	0.4713		38.7	50.0	-22.5	30.0
Naphthalene	Ave	1.981	1.561		39.4	50.0	-21.2	30.0
1,2,3-Trichlorobenzene	Ave	0.5943	0.4412		37.1	50.0	-25.8	30.0
Dibromofluoromethane	Lin	0.1709	0.1558		24.5	25.0	-2.0	30.0
1,2-Dichloroethane-d4 (Surr)	Lin	0.1580	0.1441		24.2	25.0	-3.0	30.0
Toluene-d8 (Surr)	Lin	0.7634	0.7501		25.8	25.0	3.3	30.0
4-Bromofluorobenzene	Lin	0.7897	0.6738		22.8	25.0	-8.6	30.0

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119405.b\L9405.D
Lab Smp Id: CCVIS-595837 Client Smp ID: CCVIS-595837
Inj Date : 03-MAY-2011 22:36 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : CCVIS-595837
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119405.b\L8260BNW.m
Meth Date : 03-May-2011 22:53 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 20:37 Cal File: L9397.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.217	4.217	(1.000)	1048227	25.0000	
2	Dichlorodifluoromethane	85	0.989	0.989	(0.235)	246673	50.0000	55
3	Chloromethane	50	1.087	1.087	(0.258)	391379	50.0000	54
4	Vinyl Chloride	62	1.117	1.117	(0.265)	357406	50.0000	58
5	Bromomethane	94	1.265	1.265	(0.300)	219388	50.0000	72(M)
6	Chloroethane	64	1.324	1.324	(0.314)	205238	50.0000	74
7	Trichlorofluoromethane	101	1.383	1.383	(0.328)	484959	50.0000	56(M)
8	Dichlorofluoromethane	67	1.402	1.402	(0.333)	512114	50.0000	56
9	Ethyl Ether	45	1.520	1.520	(0.361)	214383	50.0000	51
10	Ethanol	45	1.570	1.570	(0.372)	177466	500.000	490
12	Freon 123	67	1.639	1.639	(0.389)	88731	50.0000	51
13	Trichlorotrifluoroethane	101	1.639	1.639	(0.389)	325703	50.0000	55
14	1,1-Dichloroethene	96	1.629	1.629	(0.386)	303619	50.0000	54
15	Carbon Disulfide	76	1.658	1.658	(0.393)	1115975	50.0000	50
16	Iodomethane	142	1.717	1.717	(0.407)	491395	50.0000	52(M)
17	Acrolein	56	1.806	1.806	(0.428)	1069552	250.000	240
19	3-Chloro-1-Propene	41	1.875	1.875	(0.445)	622765	50.0000	53
20	Methylene Chloride	84	1.934	1.934	(0.459)	459655	50.0000	48
21	Acetone	43	1.963	1.963	(0.466)	238879	50.0000	67
22	trans-1,2-Dichloroethene	96	2.032	2.032	(0.482)	404020	50.0000	53
23	Methyl Acetate	43	2.022	2.022	(0.480)	2445618	50.0000	51
24	Methyl tert-Butyl Ether	73	2.081	2.081	(0.494)	1196821	50.0000	50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.121	2.121	(0.503)	279342	250.000	230
	26 Acetonitrile	41	2.249	2.249	(0.533)	1490873	500.000	480
	27 Isopropyl ether	45	2.318	2.318	(0.550)	1543080	50.0000	51
	28 tert-Butyl ethyl ether	59	2.583	2.583	(0.613)	1297385	50.0000	50
	29 2-Chloro-1,3-Butadiene	88	2.416	2.416	(0.573)	346759	50.0000	50
	30 Acrylonitrile	53	2.465	2.465	(0.585)	431119	100.000	100
	31 1,1-Dichloroethane	63	2.426	2.426	(0.575)	675320	50.0000	51
	32 Vinyl Acetate	43	2.603	2.603	(0.617)	2427113	50.0000	49
	33 cis-1,2-Dichloroethene	96	2.849	2.849	(0.676)	469343	50.0000	50
	34 2,2-Dichloropropane	77	2.938	2.938	(0.697)	507599	50.0000	53
	35 Bromochloromethane	128	3.026	3.026	(0.718)	236993	50.0000	50
	37 Cyclohexane	84	3.026	3.026	(0.718)	363585	50.0000	51
	38 Chloroform	83	3.085	3.085	(0.732)	687079	50.0000	49
	39 Ethyl Acetate	43	3.204	3.204	(0.760)	71690	100.000	94(M)
	40 Methyl Acrylate	55	3.213	3.213	(0.762)	475296	50.0000	50
$	41 Dibromofluoromethane	111	3.263	3.263	(0.774)	163342	50.0000	24
	42 Tetrahydrofuran	42	3.233	3.233	(0.767)	366695	100.000	99
	43 Carbon Tetrachloride	117	3.223	3.223	(0.764)	384375	50.0000	53
	44 1,1,1-Trichloroethane	97	3.292	3.292	(0.781)	531011	50.0000	50
	45 2-Butanone	43	3.391	3.391	(0.804)	331897	50.0000	59
	46 1,1-Dichloropropene	75	3.410	3.410	(0.809)	477471	50.0000	50
	47 tert-Amyl methyl ether	73	3.833	3.833	(0.909)	1239562	50.0000	50
	49 1-Chlorobutane	56	3.469	3.469	(0.823)	653234	50.0000	52
	51 Propionitrile	54	3.725	3.725	(0.883)	763868	500.000	480
	52 Benzene	78	3.686	3.686	(0.874)	1476332	50.0000	50
	53 2-Methyl-2-Propenenitrile	41	3.745	3.745	(0.888)	357946	50.0000	49(M)
	54 Isobutyl alcohol	42	4.001	4.001	(0.949)	355292	500.000	450
$	55 1,2-Dichloroethane-d4	65	3.853	3.853	(0.914)	151076	50.0000	24
	56 1,2-Dichloroethane	62	3.942	3.942	(0.935)	486516	50.0000	50
	59 Methyl Cyclohexane	83	4.404	4.404	(1.044)	320405	50.0000	50
	60 Trichloroethene	130	4.424	4.424	(1.049)	377127	50.0000	49
	63 Dibromomethane	93	4.916	4.916	(1.166)	341477	50.0000	49
	64 1,2-Dichloropropane	63	5.034	5.034	(1.194)	419443	50.0000	51
	65 Bromodichloromethane	83	5.123	5.123	(1.215)	553179	50.0000	50
	66 Methyl Methacrylate	69	5.329	5.329	(1.264)	354996	50.0000	50
	67 1,4-Dioxane	58	5.349	5.349	(1.268)	67372	500.000	360
	69 2-Chloroethylvinylether	63	5.772	5.772	(1.369)	754513	50.0000	50
	70 cis-1,3-Dichloropropene	75	5.802	5.802	(1.376)	685939	50.0000	50
	71 Chloroacetonitrile	48	6.215	6.215	(1.474)	216408	500.000	480
	72 2-Nitropropane	41	6.274	6.274	(1.488)	263794	100.000	98
	73 trans-1,3-Dichloropropene	75	6.471	6.471	(1.534)	647012	50.0000	51
	74 1,1,2-Trichloroethane	97	6.619	6.619	(1.569)	427557	50.0000	50
*	75 Chlorobenzene-d5	117	7.465	7.465	(1.000)	743285	25.0000	
	76 Toluene	91	6.038	6.038	(0.809)	1560441	50.0000	51
$	77 Toluene-d8	98	5.989	5.989	(0.802)	557501	50.0000	26
	78 1,1-Dichloro-2-propanone	43	6.294	6.294	(0.843)	1519081	250.000	240
	79 4-Methyl-2-Pentanone	43	6.442	6.442	(0.863)	570495	50.0000	49
	80 Tetrachloroethene	164	6.422	6.422	(0.860)	251928	50.0000	48
	81 Ethyl Methacrylate	69	6.668	6.668	(0.893)	605180	50.0000	48
	82 Dibromochloromethane	129	6.776	6.776	(0.908)	442538	50.0000	47
	83 1,3-Dichloropropane	76	6.875	6.875	(0.921)	704553	50.0000	50
	84 1,2-Dibromoethane	107	6.973	6.973	(0.934)	488055	50.0000	49
	86 2-Hexanone	43	7.249	7.249	(0.971)	433855	50.0000	52
	87 1-Chlorohexane	91	7.495	7.495	(1.004)	481751	50.0000	55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	88 Chlorobenzene	112	7.475	7.475	(1.001)	1001717	50.0000	50
	89 1,1,1,2-Tetrachloroethane	131	7.554	7.554	(1.012)	357548	50.0000	49
	90 Ethylbenzene	106	7.524	7.524	(1.008)	455566	50.0000	51
	91 Xylene (total)mp	106	7.662	7.662	(1.026)	1113609	100.000	100
	92 Xylene (total)o	106	8.036	8.036	(1.076)	558640	50.0000	50
	93 Styrene	104	8.085	8.085	(1.083)	1019812	50.0000	49
	94 Bromoform	173	8.095	8.095	(1.084)	350630	50.0000	49
*	95 1,4-Dichlorobenzene-d4	152	9.532	9.532	(1.000)	326117	25.0000	
	96 Isopropylbenzene	105	8.322	8.322	(0.873)	1078538	50.0000	50
	97 Bromobenzene	156	8.637	8.637	(0.906)	421124	50.0000	47
	98 1,1,2,2-Tetrachloroethane	83	8.765	8.765	(0.919)	634244	50.0000	47
	99 4-Ethyltoluene	105	8.794	8.794	(0.923)	1096977	50.0000	48
	100 1,2,3-Trichloropropane	110	8.863	8.863	(0.930)	164004	50.0000	47
	101 trans-1,4-Dichloro-2-Butene	53	8.912	8.912	(0.935)	307143	100.000	100
	102 n-Propylbenzene	91	8.686	8.686	(0.911)	1352054	50.0000	48
	103 2-Chlorotoluene	91	8.804	8.804	(0.924)	1058930	50.0000	49
	104 4-Chlorotoluene	91	8.952	8.952	(0.939)	1042253	50.0000	50
	105 1,3,5-Trimethylbenzene	105	8.873	8.873	(0.931)	885656	50.0000	48
	106 tert-Butylbenzene	119	9.139	9.139	(0.959)	657530	50.0000	48
	107 1,2,4-Trimethylbenzene	105	9.198	9.198	(0.965)	929066	50.0000	48
	108 sec-Butylbenzene	105	9.296	9.296	(0.975)	974370	50.0000	45
	109 4-Isopropyltoluene	119	9.424	9.424	(0.989)	767213	50.0000	45
	110 1,3-Dichlorobenzene	146	9.463	9.463	(0.993)	587515	50.0000	48
	111 1,4-Dichlorobenzene	146	9.542	9.542	(1.001)	605624	50.0000	47
	112 1,2-Dichlorobenzene	146	9.906	9.906	(1.039)	603282	50.0000	48
	113 Benzyl Chloride	126	9.768	9.768	(1.025)	211546	50.0000	51
	114 1,4-Diethylbenzene	119	9.739	9.739	(2.309)	372078	50.0000	45
	115 n-Butylbenzene	91	9.788	9.788	(1.027)	993731	50.0000	25(M)
	118 1,2,4,5-Tetramethylbenzene	119	10.448	10.448	(2.477)	699783	50.0000	43
	119 1,2-Dibromo-3-chloropropane	75	10.605	10.605	(1.113)	84849	50.0000	45
	120 Nitrobenzene	77	11.087	11.087	(1.163)	379345	500.000	360
	121 1,2,4-Trichlorobenzene	180	11.196	11.196	(1.174)	307418	50.0000	39
	122 Hexachlorobutadiene	225	11.186	11.186	(1.173)	95261	50.0000	27
	123 Naphthalene	128	11.471	11.471	(1.203)	1018239	50.0000	39
	124 1,2,3-Trichlorobenzene	180	11.639	11.639	(1.221)	287762	50.0000	37
$	125 Bromofluorobenzene	95	8.558	8.558	(0.898)	219738	50.0000	23
M	126 1,2-Dichloroethene (total)	100				873363	100.000	100
M	127 Xylene (total)	100				1672249	150.000	150

QC Flag Legend

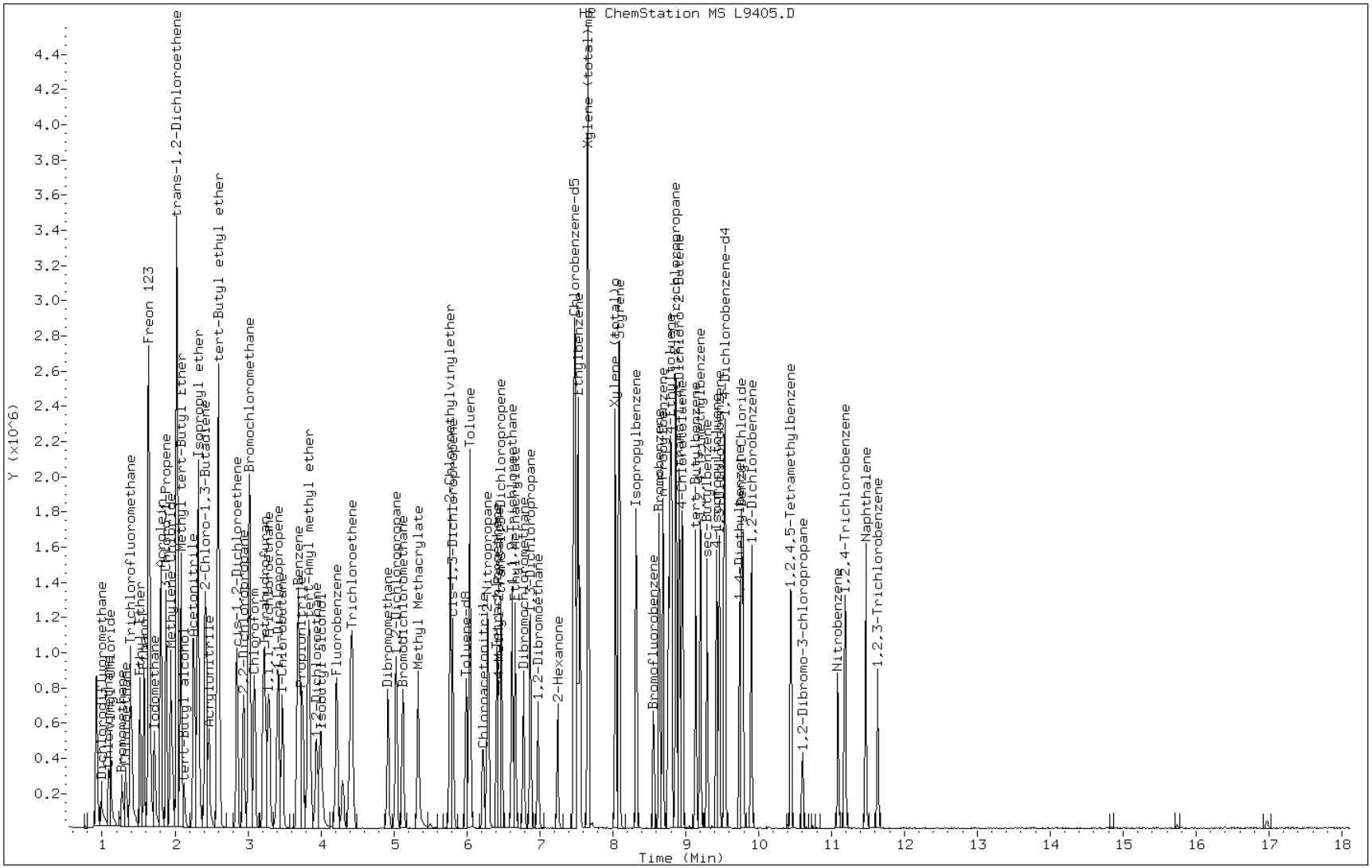
M - Compound response manually integrated.

Data File: L9405.D

Date: 03-MAY-2011 22:36

Client ID: CCVIS-595837 Instrument: msl.i

Sample Info: CCVIS-595837 Operator: E. LYNCH



Manual Integration Report

Data File: L9405.D
Inj. Date and Time: 03-MAY-2011 22:36
Instrument ID: msl.i
Client ID: CCVIS-595837
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 05/11/2011

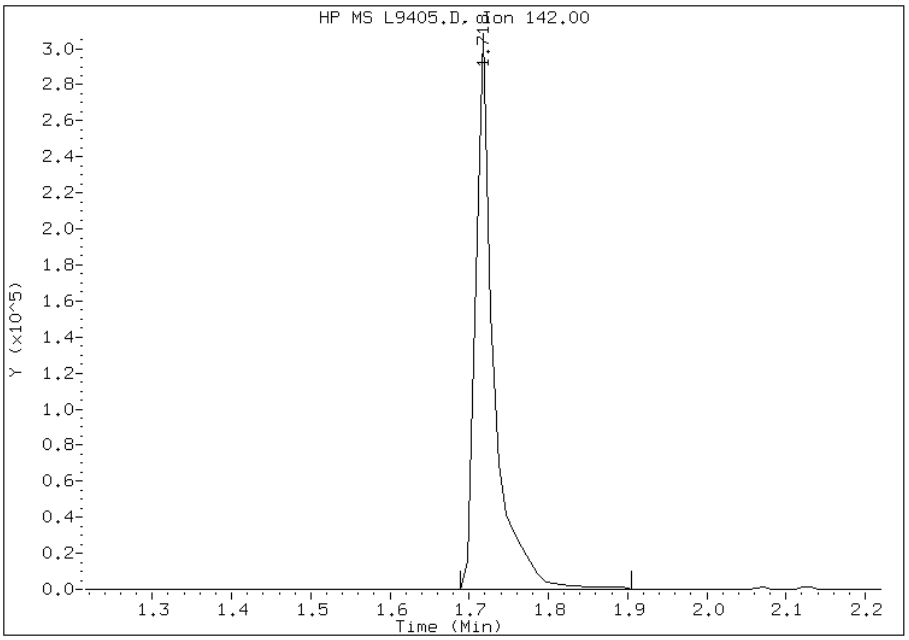
Processing Integration Results

RT: 1.72

Response: 509142

Amount: 54

Conc: 54



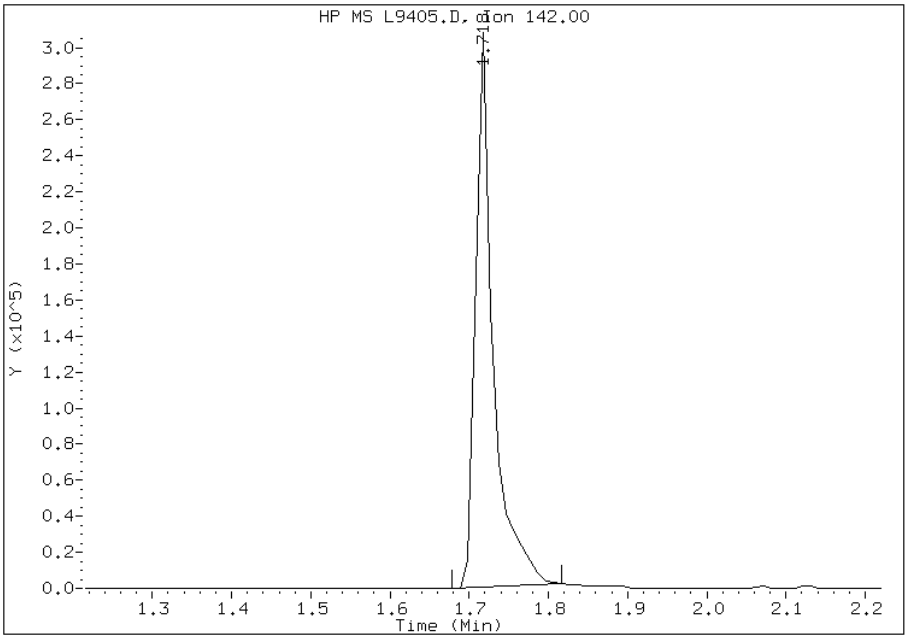
Manual Integration Results

RT: 1.72

Response: 491395

Amount: 52

Conc: 52



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9405.D
Inj. Date and Time: 03-MAY-2011 22:36
Instrument ID: msl.i
Client ID: CCVIS-595837
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/11/2011

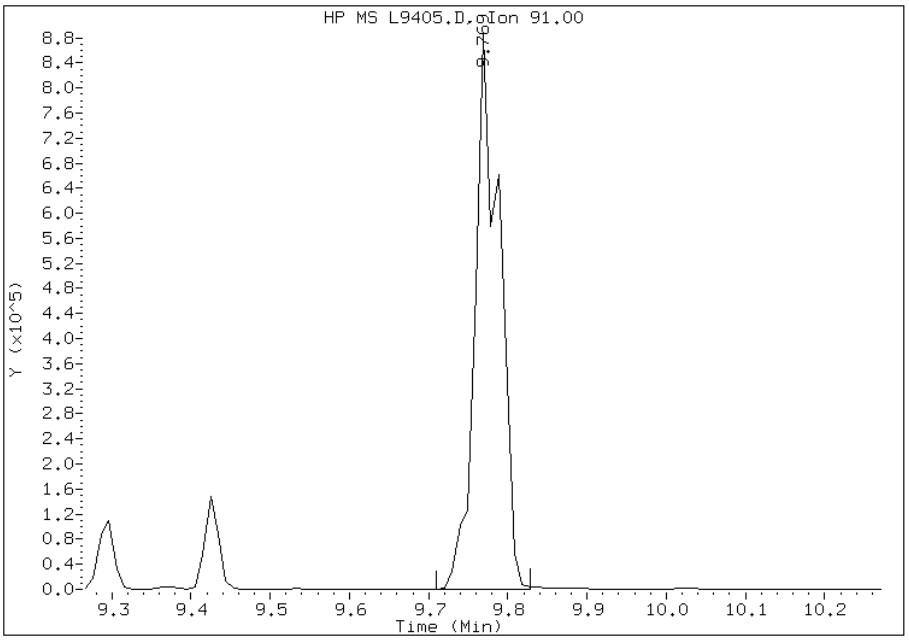
Processing Integration Results

RT: 9.77

Response: 1953955

Amount: 49

Conc: 49



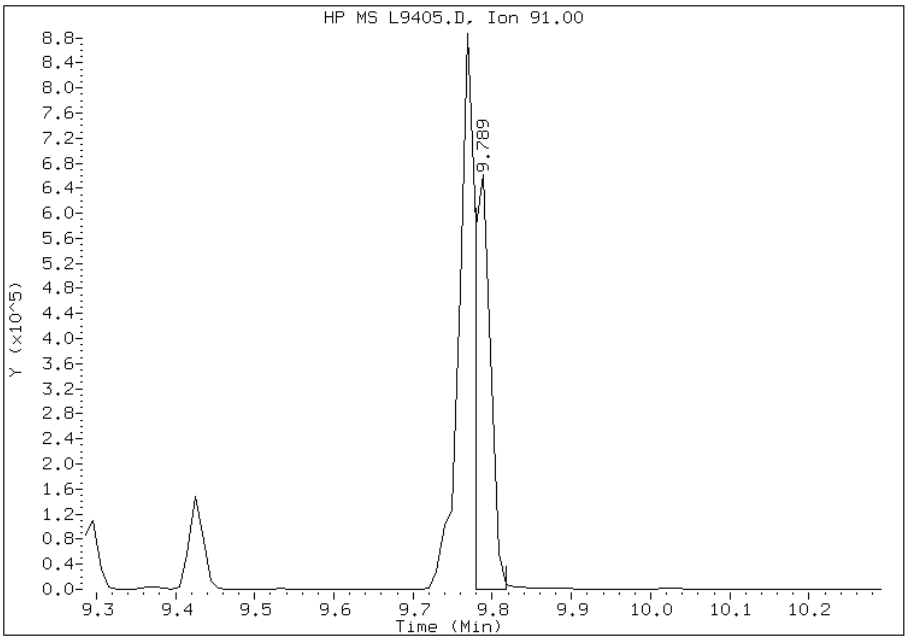
Manual Integration Results

RT: 9.79

Response: 993731

Amount: 25

Conc: 25



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9405.D
Inj. Date and Time: 03-MAY-2011 22:36
Instrument ID: msl.i
Client ID: CCVIS-595837
Compound: 7 Trichlorofluoromethane
CAS #: 75-69-4
Report Date: 05/11/2011

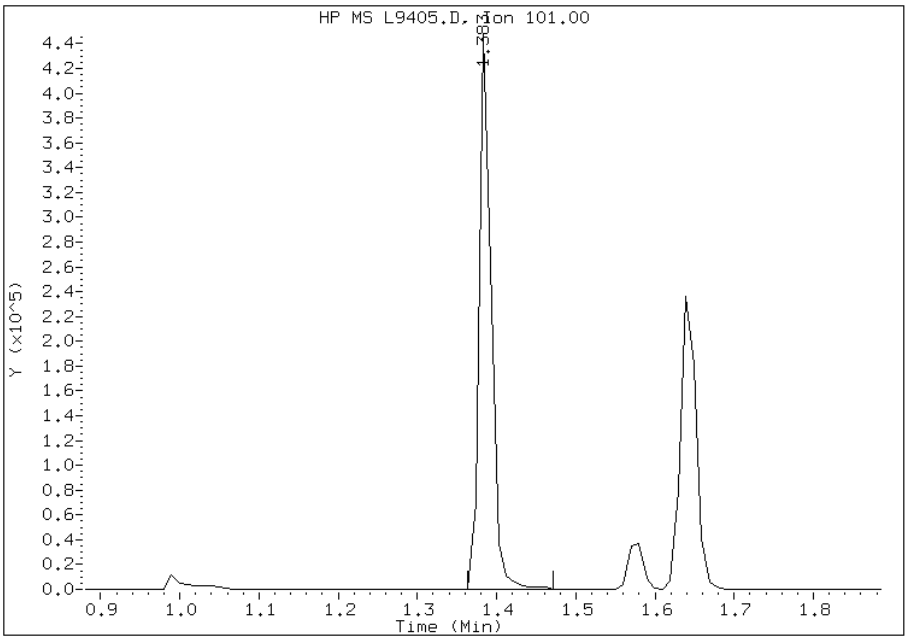
Processing Integration Results

RT: 1.38

Response: 497393

Amount: 58

Conc: 58



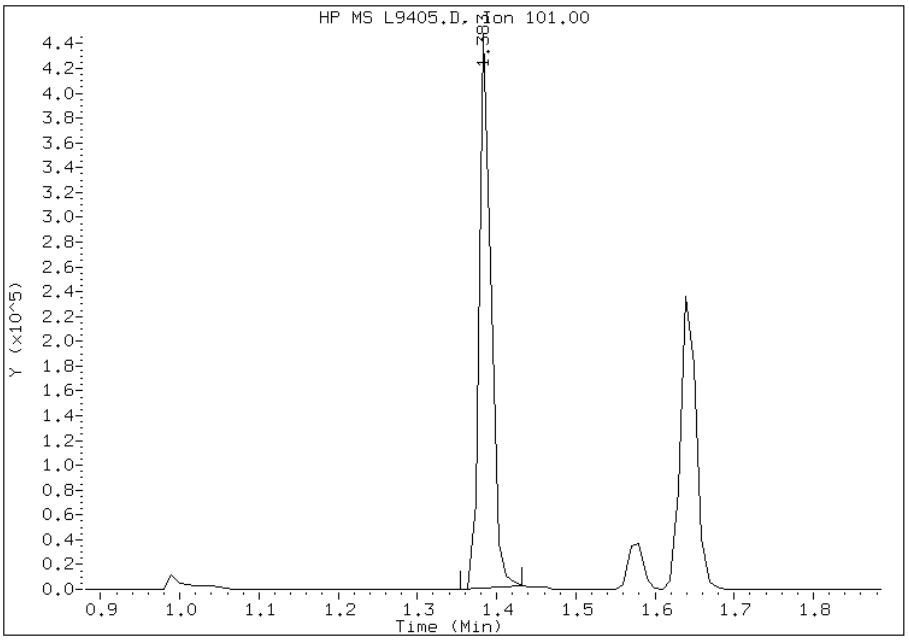
Manual Integration Results

RT: 1.38

Response: 484959

Amount: 57

Conc: 57



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9405.D
Inj. Date and Time: 03-MAY-2011 22:36
Instrument ID: msl.i
Client ID: CCVIS-595837
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/11/2011

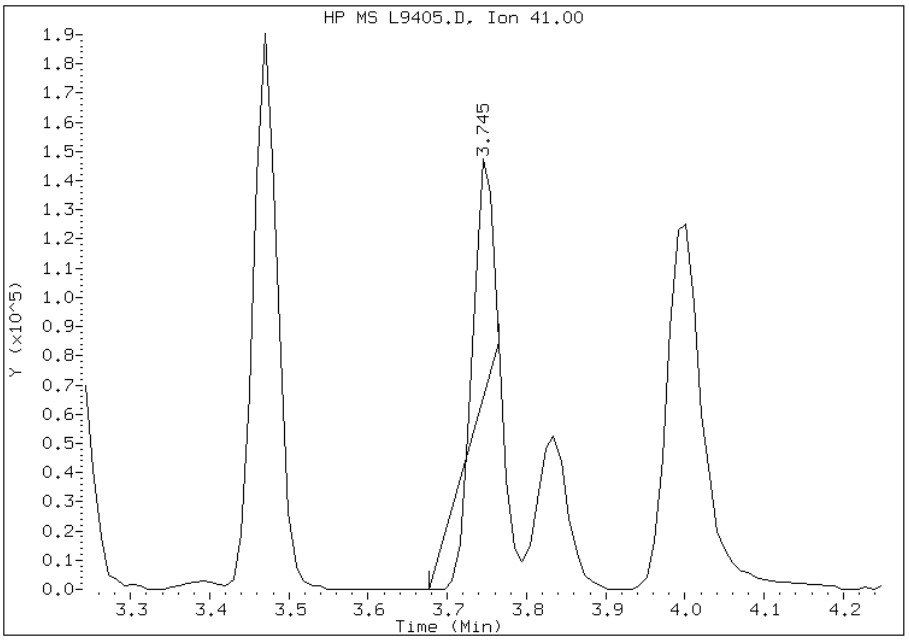
Processing Integration Results

RT: 3.75

Response: 72088

Amount: 10

Conc: 10



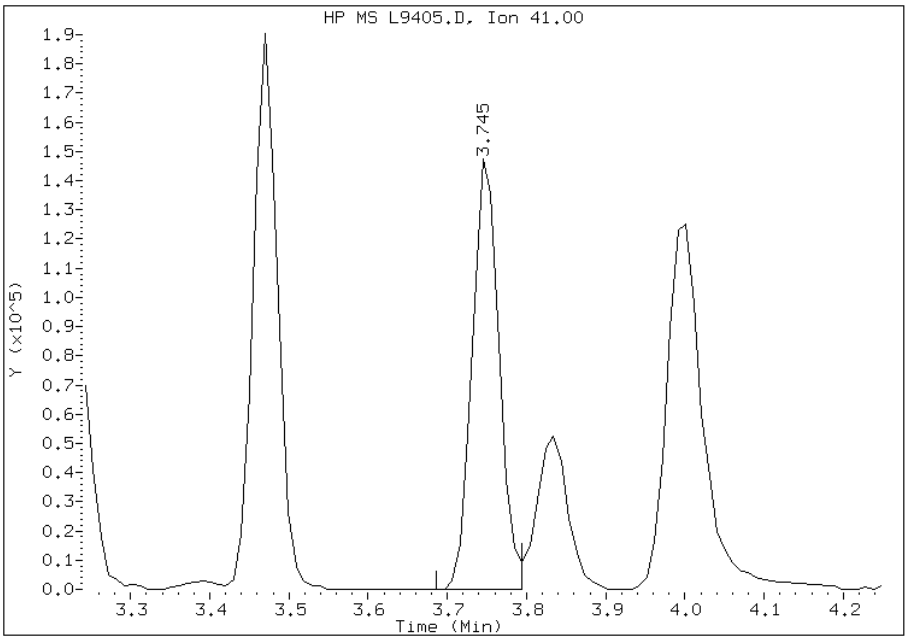
Manual Integration Results

RT: 3.75

Response: 357946

Amount: 49

Conc: 49



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9405.D
Inj. Date and Time: 03-MAY-2011 22:36
Instrument ID: msl.i
Client ID: CCVIS-595837
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/11/2011

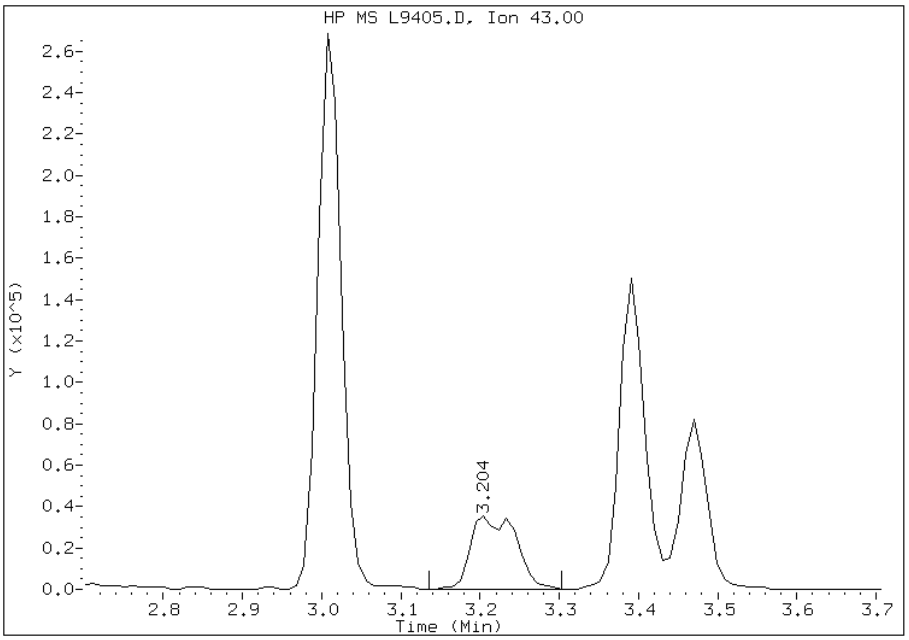
Processing Integration Results

RT: 3.20

Response: 143520

Amount: 189

Conc: 189



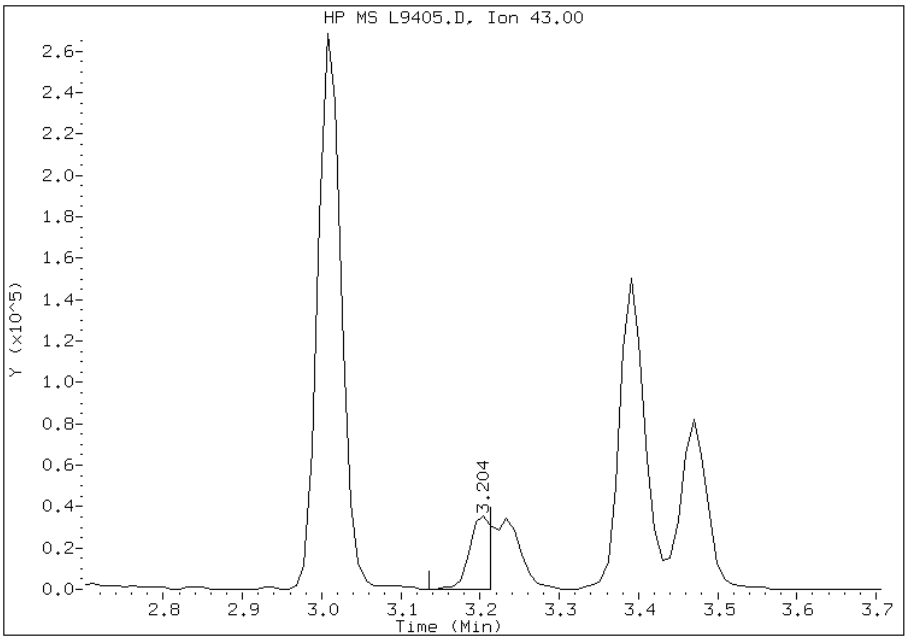
Manual Integration Results

RT: 3.20

Response: 71690

Amount: 94

Conc: 94



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9405.D
Inj. Date and Time: 03-MAY-2011 22:36
Instrument ID: msl.i
Client ID: CCVIS-595837
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/11/2011

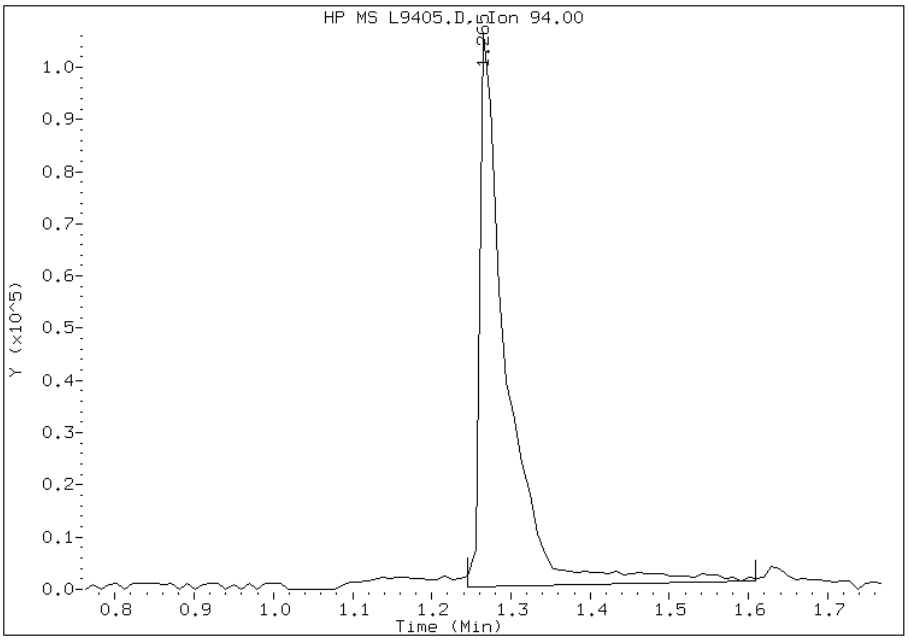
Processing Integration Results

RT: 1.27

Response: 258626

Amount: 86

Conc: 86



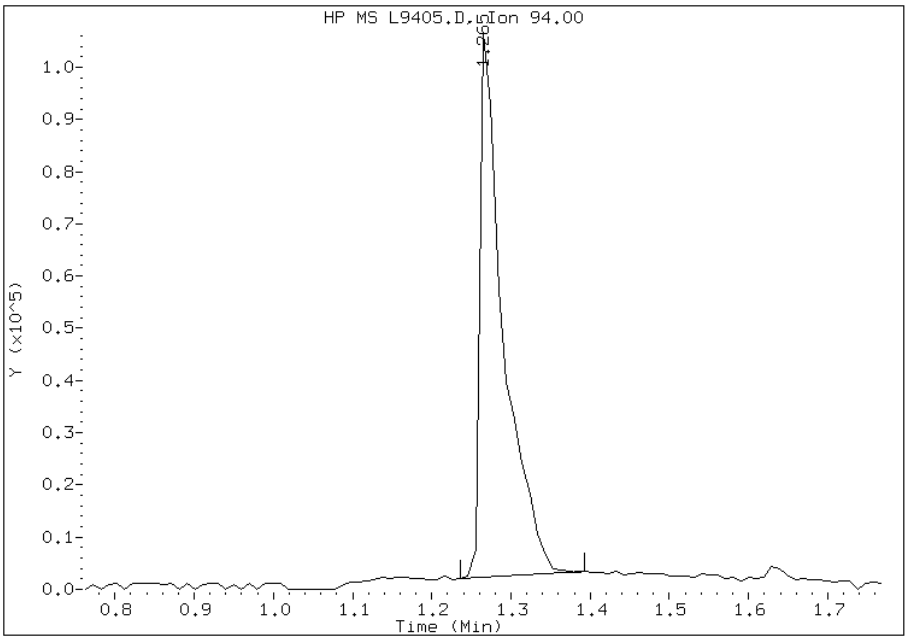
Manual Integration Results

RT: 1.27

Response: 219388

Amount: 72

Conc: 72



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50349/1 Calibration Date: 05/02/2011 10:37

Instrument ID: MSO Calib Start Date: 04/29/2011 14:23

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 04/29/2011 17:02

Lab File ID: O3682.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.6088	0.6035		49.6	50.0	-0.9	30.0
Chloromethane	Ave	0.8564	0.8531	0.1000	49.8	50.0	-0.4	30.0
Vinyl chloride	Ave	0.7191	0.7165		49.8	50.0	-0.4	20.0
Bromomethane	Lin	0.3934	0.3938		55.5	50.0	11.0	30.0
Chloroethane	Ave	0.2892	0.3484		60.2	50.0	20.5	30.0
Trichlorofluoromethane	Ave	0.7578	0.7727		51.0	50.0	2.0	30.0
Dichlorofluoromethane	Ave	0.8221	0.8379		51.0	50.0	1.9	30.0
Ethyl ether	Ave	0.2956	0.2873		48.6	50.0	-2.8	30.0
Ethanol	Ave	0.0260	0.0254		489	500	-2.2	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.1451	0.1455		50.1	50.0	0.3	30.0
1,1-Dichloroethene	Ave	0.4528	0.4594		50.7	50.0	1.5	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.5569	0.5720		51.4	50.0	2.7	30.0
Carbon disulfide	Ave	1.869	1.903		50.9	50.0	1.8	30.0
Iodomethane	Ave	0.8892	0.9857		55.4	50.0	10.8	30.0
Acrolein	Ave	0.3131	0.2716		217	250	-13.2	30.0
3-Chloro-1-propene	Ave	0.9291	0.9404		50.6	50.0	1.2	30.0
Isopropyl alcohol	Lin	0.0582	0.0503		47.3	50.0	-5.3	30.0
Methylene Chloride	Ave	0.6596	0.6883		52.2	50.0	4.4	30.0
Acetone	Ave	0.3155	0.3486		55.3	50.0	10.5	30.0
Methyl acetate	Ave	2.638	2.617		49.6	50.0	-0.8	30.0
trans-1,2-Dichloroethene	Ave	0.5865	0.5824		49.6	50.0	-0.7	30.0
Methyl tert-butyl ether	Ave	1.546	1.487		48.1	50.0	-3.8	30.0
tert-Butyl alcohol	Ave	0.0911	0.0860		236	250	-5.6	30.0
Acetonitrile	Ave	0.2166	0.1765		407	499	-18.5	30.0
Isopropyl ether	Ave	2.163	2.112		48.8	50.0	-2.3	30.0
2-Chloro-1,3-butadiene	Ave	0.5567	0.5543		49.8	50.0	-0.4	30.0
1,1-Dichloroethane	Ave	1.047	1.020	0.1000	48.7	50.0	-2.5	30.0
Acrylonitrile	Ave	0.2711	0.2688		99.1	100	-0.9	30.0
Tert-butyl ethyl ether	Ave	1.838	1.790		48.7	50.0	-2.6	30.0
Vinyl acetate	Ave	3.488	3.027		43.4	50.0	-13.2	30.0
cis-1,2-Dichloroethene	Ave	0.6810	0.6600		48.5	50.0	-3.1	30.0
2,2-Dichloropropane	Ave	0.8563	0.8098		47.3	50.0	-5.4	30.0
Heptane	Ave	0.9571	0.9213		48.1	50.0	-3.7	30.0
Bromochloromethane	Ave	0.3510	0.3506		49.9	50.0	-0.1	30.0
Cyclohexane	Ave	0.8926	0.8987		50.3	50.0	0.7	30.0
Chloroform	Ave	1.021	1.007		49.3	50.0	-1.3	20.0
Ethyl acetate	Ave	0.0979	0.0862		88.1	100	-11.9	30.0
Methyl acrylate	Ave	0.5822	0.5679		48.8	50.0	-2.5	30.0
Carbon tetrachloride	Ave	0.7576	0.7450		49.2	50.0	-1.7	30.0
Tetrahydrofuran	Ave	0.2329	0.2246		96.4	100	-3.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50349/1 Calibration Date: 05/02/2011 10:37

Instrument ID: MSO Calib Start Date: 04/29/2011 14:23

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 04/29/2011 17:02

Lab File ID: O3682.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,1-Trichloroethane	Ave	0.7724	0.7642		49.5	50.0	-1.1	30.0
Methyl Ethyl Ketone	Lin	0.4338	0.3933		51.7	50.0	3.4	30.0
1,1-Dichloropropene	Ave	0.8693	0.8123		46.7	50.0	-6.6	30.0
1-Chlorobutane	Ave	1.116	1.133		50.8	50.0	1.6	30.0
Benzene	Ave	2.286	2.244		49.1	50.0	-1.8	30.0
Propionitrile	Ave	0.0938	0.0894		477	500	-4.7	30.0
Methacrylonitrile	Ave	0.4098	0.3933		48.0	50.0	-4.0	30.0
Tert-amyl methyl ether	Ave	1.653	1.600		48.4	50.0	-3.2	30.0
1,2-Dichloroethane	Ave	0.6427	0.6203		48.3	50.0	-3.5	30.0
Isobutyl alcohol	Ave	0.1017	0.0505		248	499	-50.4*	30.0
Methylcyclohexane	Ave	1.023	1.023		50.0	50.0	-0.0	30.0
Trichloroethene	Ave	0.6345	0.6296		49.6	50.0	-0.8	30.0
Dibromomethane	Ave	0.4193	0.4100		48.9	50.0	-2.2	30.0
1,2-Dichloropropane	Ave	0.6470	0.6361		49.2	50.0	-1.7	20.0
Bromodichloromethane	Ave	0.7280	0.7274		50.0	50.0	-0.0	30.0
Methyl methacrylate	Ave	0.4402	0.4412		50.1	50.0	0.2	30.0
1,4-Dioxane	Lin	0.0111	0.0116		491	499	-1.6	30.0
2-Chloroethyl vinyl ether	Ave	0.8038	0.7873		48.9	49.9	-2.1	30.0
cis-1,3-Dichloropropene	Ave	0.9629	0.9492		49.3	50.0	-1.4	30.0
Toluene	Ave	2.450	2.340		47.7	50.0	-4.5	20.0
Chloroacetonitrile	Ave	0.0257	0.0244		475	500	-5.1	30.0
2-Nitropropane	Ave	0.1342	0.1365		102	100	1.7	30.0
1,1-Dichloro-2-propanone	Ave	0.3778	0.3537		234	250	-6.4	30.0
Tetrachloroethene	Ave	0.5172	0.5074		49.0	50.0	-1.9	30.0
methyl isobutyl ketone	Ave	0.6891	0.6766		49.1	50.0	-1.8	30.0
trans-1,3-Dichloropropene	Ave	0.8322	0.8261		49.6	50.0	-0.7	30.0
1,1,2-Trichloroethane	Ave	0.5223	0.5115		49.0	50.0	-2.1	30.0
Ethyl methacrylate	Ave	0.7792	0.7683		49.3	50.0	-1.4	30.0
Dibromochloromethane	Ave	0.6471	0.6114		47.2	50.0	-5.5	30.0
1,3-Dichloropropane	Ave	0.9348	0.8810		47.1	50.0	-5.8	30.0
1,2-Dibromoethane	Ave	0.6162	0.5767		46.8	50.0	-6.4	30.0
2-Hexanone	Ave	0.5328	0.5273		49.5	50.0	-1.0	30.0
Chlorobenzene	Ave	1.557	1.492	0.3000	47.9	50.0	-4.1	30.0
1-Chlorohexane	Ave	0.9587	1.247		65.0	50.0	30.0	30.0
Ethylbenzene	Ave	0.7894	0.7612		48.2	50.0	-3.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5479	0.5270		48.1	50.0	-3.8	30.0
m&p-Xylene	Ave	0.9786	0.9685		99.0	100	-1.0	30.0
o-Xylene	Ave	0.9477	0.9303		49.1	50.0	-1.8	30.0
Styrene	Ave	1.593	1.542		48.4	50.0	-3.2	30.0
Bromoform	Ave	0.4339	0.4270	0.1000	49.2	50.0	-1.6	30.0
Isopropylbenzene	Ave	4.290	4.204		49.0	50.0	-2.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50349/1 Calibration Date: 05/02/2011 10:37

Instrument ID: MSO Calib Start Date: 04/29/2011 14:23

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 04/29/2011 17:02

Lab File ID: O3682.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromobenzene	Ave	1.292	1.230		47.6	50.0	-4.8	30.0
N-Propylbenzene	Ave	5.600	5.537		49.4	50.0	-1.1	30.0
1,1,2,2-Tetrachloroethane	Ave	1.454	1.355	0.3000	46.6	50.0	-6.8	30.0
4-Ethyltoluene	Ave	4.399	4.355		49.5	50.0	-1.0	30.0
2-Chlorotoluene	Ave	3.642	3.520		48.3	50.0	-3.3	30.0
1,2,3-Trichloropropane	Ave	0.3588	0.3477		48.5	50.0	-3.1	30.0
1,3,5-Trimethylbenzene	Ave	3.637	3.538		48.6	50.0	-2.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3079	0.3125		101	100	1.5	30.0
4-Chlorotoluene	Ave	3.279	3.189		48.6	50.0	-2.7	30.0
tert-Butylbenzene	Ave	3.115	2.997		48.1	50.0	-3.8	30.0
1,2,4-Trimethylbenzene	Ave	3.604	3.515		48.8	50.0	-2.5	30.0
sec-Butylbenzene	Ave	4.988	4.922		49.3	50.0	-1.3	30.0
4-Isopropyltoluene	Ave	3.808	3.725		48.9	50.0	-2.2	30.0
1,3-Dichlorobenzene	Ave	2.119	2.044		48.2	50.0	-3.6	30.0
1,4-Dichlorobenzene	Ave	2.135	2.060		48.3	50.0	-3.5	30.0
p-Diethylbenzene	Ave	1.821	1.833		50.3	50.0	0.7	30.0
Benzyl chloride	Ave	0.4469	0.4458		49.9	50.0	-0.3	30.0
n-Butylbenzene	Ave	4.299	4.448		51.7	50.0	3.5	30.0
1,2-Dichlorobenzene	Ave	2.004	1.902		47.5	50.0	-5.1	30.0
1,2,4,5-Tetramethylbenzene	Ave	2.954	3.003		50.8	50.0	1.7	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1791	0.1793		50.1	50.0	0.1	30.0
Nitrobenzene	Qua	0.0475	0.0456		465	500	-7.1	30.0
Hexachlorobutadiene	Ave	0.6785	0.7010		51.7	50.0	3.3	30.0
1,2,4-Trichlorobenzene	Ave	1.126	1.192		52.9	50.0	5.8	30.0
Naphthalene	Ave	2.324	2.329		50.1	50.0	0.2	30.0
1,2,3-Trichlorobenzene	Ave	1.020	1.050		51.5	50.0	2.9	30.0
Dibromofluoromethane	Ave	0.6788	0.6710		24.7	25.0	-1.2	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.5802	0.5738		24.7	25.0	-1.1	30.0
Toluene-d8 (Surr)	Ave	2.139	2.088		24.4	25.0	-2.4	30.0
4-Bromofluorobenzene	Ave	1.380	1.353		24.5	25.0	-2.0	30.0

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113681.b\O3682.D
Lab Smp Id: CCVIS-595843 Client Smp ID: CCVIS-595843
Inj Date : 02-MAY-2011 10:37 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : CCVIS-595843
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O113681.b\O8260BNS.m
Meth Date : 02-May-2011 10:55 dave Quant Type: ISTD
Cal Date : 29-APR-2011 14:23 Cal File: O3673.D
Als bottle: 47 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
* 1	Fluorobenzene	96	3.782	3.782	(1.000)	303647	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.247)	366474	50.0000	50
3	Chloromethane	50	1.002	1.002	(0.265)	518072	50.0000	50
4	Vinyl Chloride	62	1.041	1.041	(0.275)	435133	50.0000	50
5	Bromomethane	94	1.170	1.170	(0.309)	239168	50.0000	55
6	Chloroethane	64	1.219	1.219	(0.322)	211603	50.0000	60
7	Trichlorofluoromethane	101	1.278	1.278	(0.338)	469225	50.0000	51
8	Dichlorofluoromethane	67	1.298	1.298	(0.343)	508841	50.0000	51
9	Ethyl Ether	45	1.396	1.396	(0.369)	174463	50.0000	48
10	Ethanol	45	1.446	1.446	(0.382)	154102	500.000	490
12	Freon 123	67	1.495	1.495	(0.395)	88379	50.0000	50
13	Trichlorotrifluoroethane	101	1.505	1.505	(0.398)	347341	50.0000	51
14	1,1-Dichloroethene	96	1.495	1.495	(0.395)	278970	50.0000	51
15	Carbon Disulfide	76	1.525	1.525	(0.403)	1155731	50.0000	51
16	Iodomethane	142	1.574	1.574	(0.416)	598588	50.0000	55
17	Acrolein	56	1.643	1.643	(0.434)	826067	250.000	220
18	2-Propanol	45	1.712	1.712	(0.453)	30531	50.0000	47
19	3-Chloro-1-Propene	41	1.712	1.712	(0.453)	571113	50.0000	51
20	Methylene Chloride	84	1.761	1.761	(0.466)	417988	50.0000	52
21	Acetone	43	1.781	1.781	(0.471)	211700	50.0000	55

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	AMOUNTS ON-COL (ug/kg)
	22 trans-1,2-Dichloroethene	96	1.850	1.850	(0.489)	353701	50.0000	50
	23 Methyl Acetate	43	1.840	1.840	(0.487)	1589138	50.0000	50
	24 Methyl tert-Butyl Ether	73	1.899	1.899	(0.502)	903025	50.0000	48
	25 tert-Butyl alcohol	59	1.929	1.929	(0.510)	261233	250.000	240
	26 Acetonitrile	41	2.037	2.037	(0.539)	1069647	500.000	410
	27 Isopropyl ether	45	2.096	2.096	(0.554)	1282654	50.0000	49
	28 tert-Butyl ethyl ether	59	2.333	2.333	(0.617)	1086846	50.0000	49
	29 2-Chloro-1,3-Butadiene	88	2.185	2.185	(0.578)	336617	50.0000	50
	30 Acrylonitrile	53	2.225	2.225	(0.588)	326429	100.000	99
	31 1,1-Dichloroethane	63	2.195	2.195	(0.580)	619520	50.0000	49
	32 Vinyl Acetate	43	2.343	2.343	(0.619)	1837194	50.0000	43
	33 cis-1,2-Dichloroethene	96	2.570	2.570	(0.679)	400785	50.0000	48
	34 2,2-Dichloropropane	77	2.648	2.648	(0.700)	491772	50.0000	47
	35 Bromochloromethane	128	2.727	2.727	(0.721)	212941	50.0000	50
	37 Cyclohexane	84	2.727	2.727	(0.721)	545794	50.0000	50
	38 Chloroform	83	2.777	2.777	(0.734)	611609	50.0000	49
	39 Ethyl Acetate	43	2.875	2.875	(0.760)	104723	100.000	88
	40 Methyl Acrylate	55	2.885	2.885	(0.763)	344874	50.0000	49
$	41 Dibromofluoromethane	111	2.934	2.934	(0.776)	203749	25.0000	25
	42 Tetrahydrofuran	42	2.915	2.915	(0.771)	272757	100.000	96
	43 Carbon Tetrachloride	117	2.905	2.905	(0.768)	452435	50.0000	49
	44 1,1,1-Trichloroethane	97	2.964	2.964	(0.784)	464075	50.0000	49
	45 2-Butanone	43	3.053	3.053	(0.807)	238841	50.0000	52
	46 1,1-Dichloropropene	75	3.072	3.072	(0.812)	493288	50.0000	47
	47 tert-Amyl methyl ether	73	3.437	3.437	(0.909)	971428	50.0000	48
	49 1-Chlorobutane	56	3.122	3.122	(0.825)	688297	50.0000	51
	50 Heptane	43	2.717	2.717	(0.719)	559508	50.0000	48
	51 Propionitrile	54	3.329	3.329	(0.880)	543163	500.000	480
	52 Benzene	78	3.309	3.309	(0.875)	1362721	50.0000	49
	53 2-Methyl-2-Propenenitrile	41	3.358	3.358	(0.888)	238855	50.0000	48
	54 Isobutyl alcohol	42	3.585	3.585	(0.948)	306148	250.000	250
$	55 1,2-Dichloroethane-d4	65	3.457	3.457	(0.914)	174216	25.0000	25
	56 1,2-Dichloroethane	62	3.526	3.526	(0.932)	376713	50.0000	48
	59 Methyl Cyclohexane	83	3.979	3.979	(1.052)	621151	50.0000	50
	60 Trichloroethene	130	3.999	3.999	(1.057)	382345	50.0000	50
	63 Dibromomethane	93	4.531	4.531	(1.198)	249002	50.0000	49
	64 1,2-Dichloropropane	63	4.650	4.650	(1.229)	386267	50.0000	49
	65 Bromodichloromethane	83	4.758	4.758	(1.258)	441736	50.0000	50
	66 Methyl Methacrylate	69	4.985	4.985	(1.318)	267953	50.0000	50
	67 1,4-Dioxane	58	5.005	5.005	(1.323)	70326	500.000	490
	69 2-Chloroethylvinylether	63	5.448	5.448	(1.440)	477300	50.0000	49
	70 cis-1,3-Dichloropropene	75	5.478	5.478	(1.448)	576427	50.0000	49
	71 Chloroacetonitrile	48	5.912	5.912	(1.563)	148269	500.000	470
	72 2-Nitropropane	41	5.961	5.961	(1.576)	165816	100.000	100
	73 trans-1,3-Dichloropropene	75	6.178	6.178	(1.633)	501703	50.0000	50
	74 1,1,2-Trichloroethane	97	6.326	6.326	(1.672)	310650	50.0000	49
*	75 Chlorobenzene-d5	117	7.193	7.193	(1.000)	307117	25.0000	
	76 Toluene	91	5.724	5.724	(0.796)	1437000	50.0000	48
$	77 Toluene-d8	98	5.675	5.675	(0.789)	641279	25.0000	24
	78 1,1-Dichloro-2-propanone	43	5.981	5.981	(0.831)	1086334	250.000	230
	79 4-Methyl-2-Pentanone	43	6.148	6.148	(0.855)	415559	50.0000	49
	80 Tetrachloroethene	164	6.119	6.119	(0.851)	311655	50.0000	49
	81 Ethyl Methacrylate	69	6.385	6.385	(0.888)	471900	50.0000	49
	82 Dibromochloromethane	129	6.493	6.493	(0.903)	375519	50.0000	47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/kg)	ON-COL (ug/kg)
83	1,3-Dichloropropane	76	6.582	6.582	(0.915)	541154	50.0000	47
84	1,2-Dibromoethane	107	6.691	6.691	(0.930)	354222	50.0000	47
86	2-Hexanone	43	6.976	6.976	(0.970)	323872	50.0000	49
87	1-Chlorohexane	91	7.243	7.243	(1.007)	765777	50.0000	65(M)
88	Chlorobenzene	112	7.213	7.213	(1.003)	916473	50.0000	48
89	1,1,1,2-Tetrachloroethane	131	7.282	7.282	(1.012)	323719	50.0000	48
90	Ethylbenzene	106	7.252	7.252	(1.008)	467572	50.0000	48
91	Xylene (total)mp	106	7.400	7.400	(1.029)	1189732	100.000	99
92	Xylene (total)o	106	7.785	7.785	(1.082)	571438	50.0000	49(H)
93	Styrene	104	7.834	7.834	(1.089)	946904	50.0000	48
94	Bromoform	173	7.844	7.844	(1.090)	262285	50.0000	49
* 95	1,4-Dichlorobenzene-d4	152	9.293	9.293	(1.000)	159758	25.0000	
96	Isopropylbenzene	105	8.081	8.081	(0.870)	1343375	50.0000	49
97	Bromobenzene	156	8.386	8.386	(0.902)	393115	50.0000	48
98	1,1,2,2-Tetrachloroethane	83	8.524	8.524	(0.917)	432801	50.0000	46
99	4-Ethyltoluene	105	8.554	8.554	(0.920)	1391336	50.0000	49
100	1,2,3-Trichloropropane	110	8.623	8.623	(0.928)	111098	50.0000	48
101	trans-1,4-Dichloro-2-Butene	53	8.672	8.672	(0.933)	199664	100.000	100
102	n-Propylbenzene	91	8.445	8.445	(0.909)	1769234	50.0000	49
103	2-Chlorotoluene	91	8.564	8.564	(0.922)	1124812	50.0000	48
104	4-Chlorotoluene	91	8.712	8.712	(0.937)	1019037	50.0000	49
105	1,3,5-Trimethylbenzene	105	8.633	8.633	(0.929)	1130492	50.0000	49
106	tert-Butylbenzene	119	8.899	8.899	(0.958)	957450	50.0000	48
107	1,2,4-Trimethylbenzene	105	8.968	8.968	(0.965)	1123023	50.0000	49
108	sec-Butylbenzene	105	9.057	9.057	(0.975)	1572576	50.0000	49
109	4-Isopropyltoluene	119	9.195	9.195	(0.989)	1190171	50.0000	49
110	1,3-Dichlorobenzene	146	9.224	9.224	(0.993)	653084	50.0000	48
111	1,4-Dichlorobenzene	146	9.303	9.303	(1.001)	658354	50.0000	48
112	1,2-Dichlorobenzene	146	9.668	9.668	(1.040)	607828	50.0000	47
113	Benzyl Chloride	126	9.530	9.530	(1.025)	142431	50.0000	50
114	1,4-Diethylbenzene	119	9.510	9.510	(1.023)	585784	50.0000	50(H)
115	n-Butylbenzene	91	9.559	9.559	(1.029)	1421140	50.0000	52
118	1,2,4,5-Tetramethylbenzene	119	10.220	10.220	(1.100)	959584	50.0000	51
119	1,2-Dibromo-3-chloropropane	75	10.368	10.368	(1.116)	57274	50.0000	50
120	Nitrobenzene	77	10.861	10.861	(1.169)	145679	500.000	460
121	1,2,4-Trichlorobenzene	180	10.969	10.969	(1.180)	380710	50.0000	53
122	Hexachlorobutadiene	225	10.959	10.959	(1.179)	223975	50.0000	52
123	Naphthalene	128	11.235	11.235	(1.209)	744069	50.0000	50
124	1,2,3-Trichlorobenzene	180	11.403	11.403	(1.227)	335451	50.0000	51
$ 125	Bromofluorobenzene	95	8.317	8.317	(0.895)	216164	25.0000	24
M 126	1,2-Dichloroethene (total)	100				754486	100.000	98
M 127	Xylene (total)	100				1761170	150.000	150

QC Flag Legend

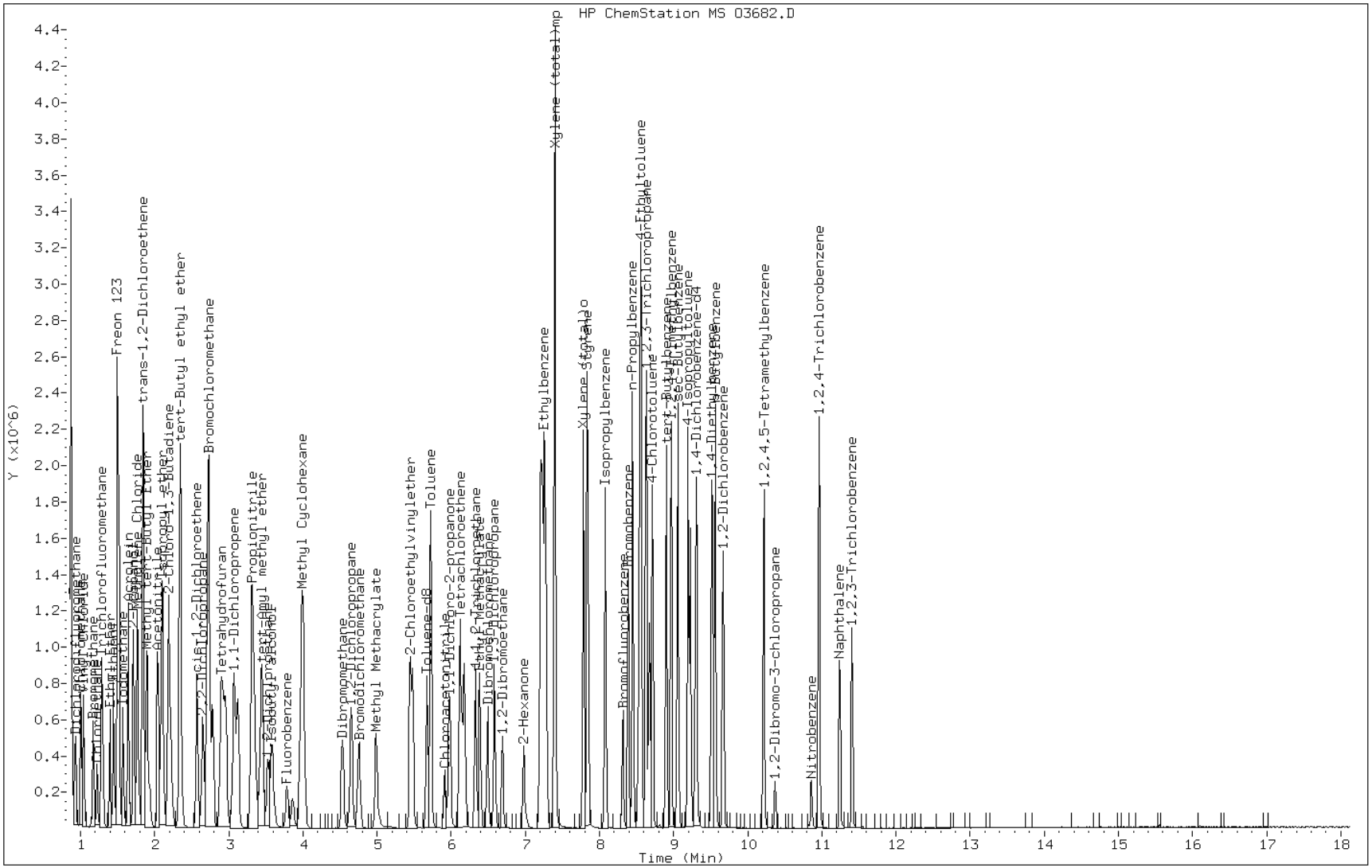
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: O3682.D

Date: 02-MAY-2011 10:37

Client ID: CCVIS-595843 Instrument: mso.i

Sample Info: CCVIS-595843 Operator: D. HUMBERT



Manual Integration Report

Data File: O3682.D
Inj. Date and Time: 02-MAY-2011 10:37
Instrument ID: mso.i
Client ID: CCVIS-595843
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/03/2011

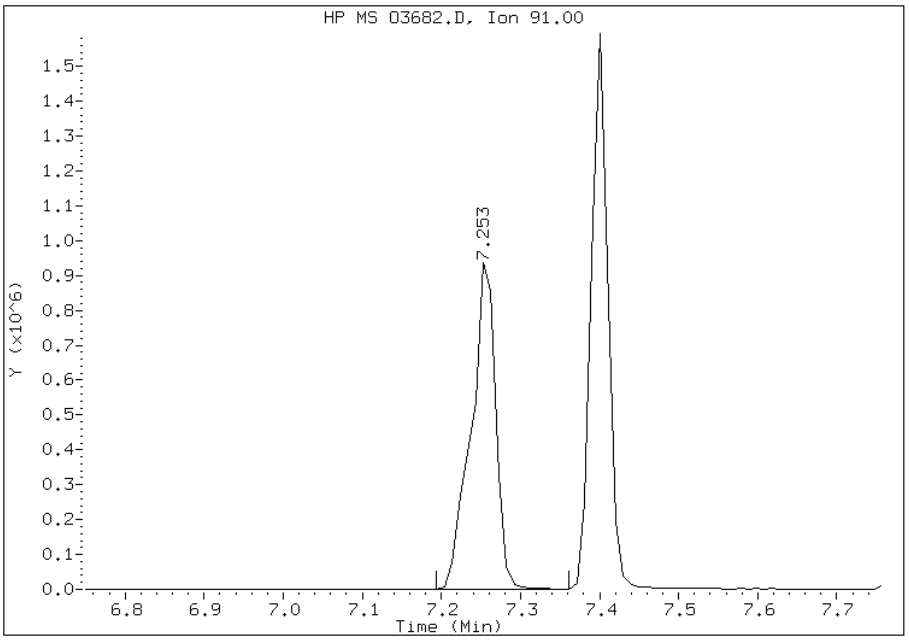
Processing Integration Results

RT: 7.25

Response: 2070427

Amount: 176

Conc: 176



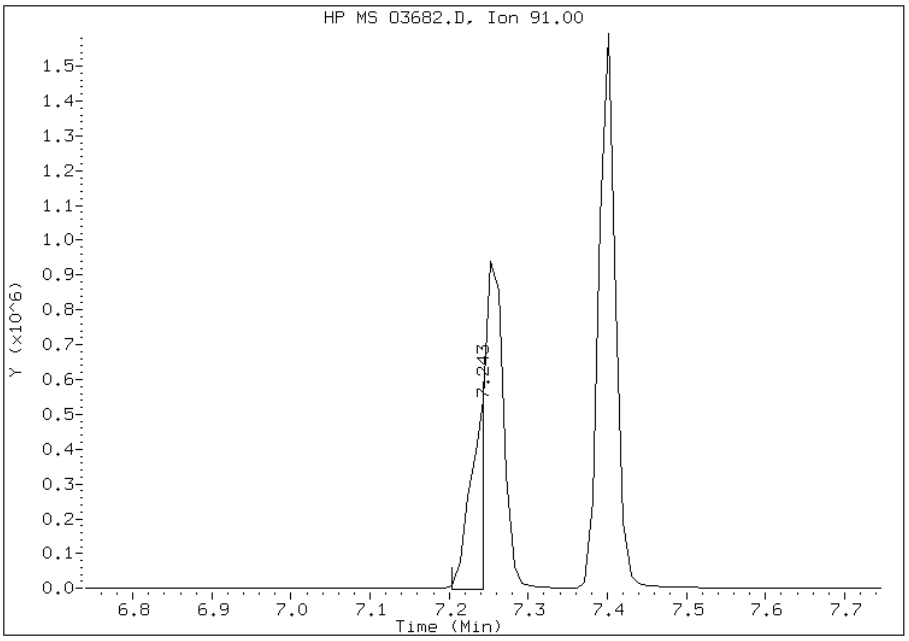
Manual Integration Results

RT: 7.24

Response: 765777

Amount: 65

Conc: 65



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Data file : \\consvr05\files\Chem\VOA\msl.i\L119390.b\LB714.D
Lab Smp Id: BFB-607034 Client Smp ID: BFB-607034
Inj Date : 02-MAY-2011 18:16 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : BFB-607034
Misc Info : : ;;; BFB ; 8260B ; 1 ; LLW
Comment :
Method : \\consvr05\files\Chem\VOA\msl.i\L119390.b\LBFB8260.m
Meth Date : 18-Oct-2010 12:56 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 2 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

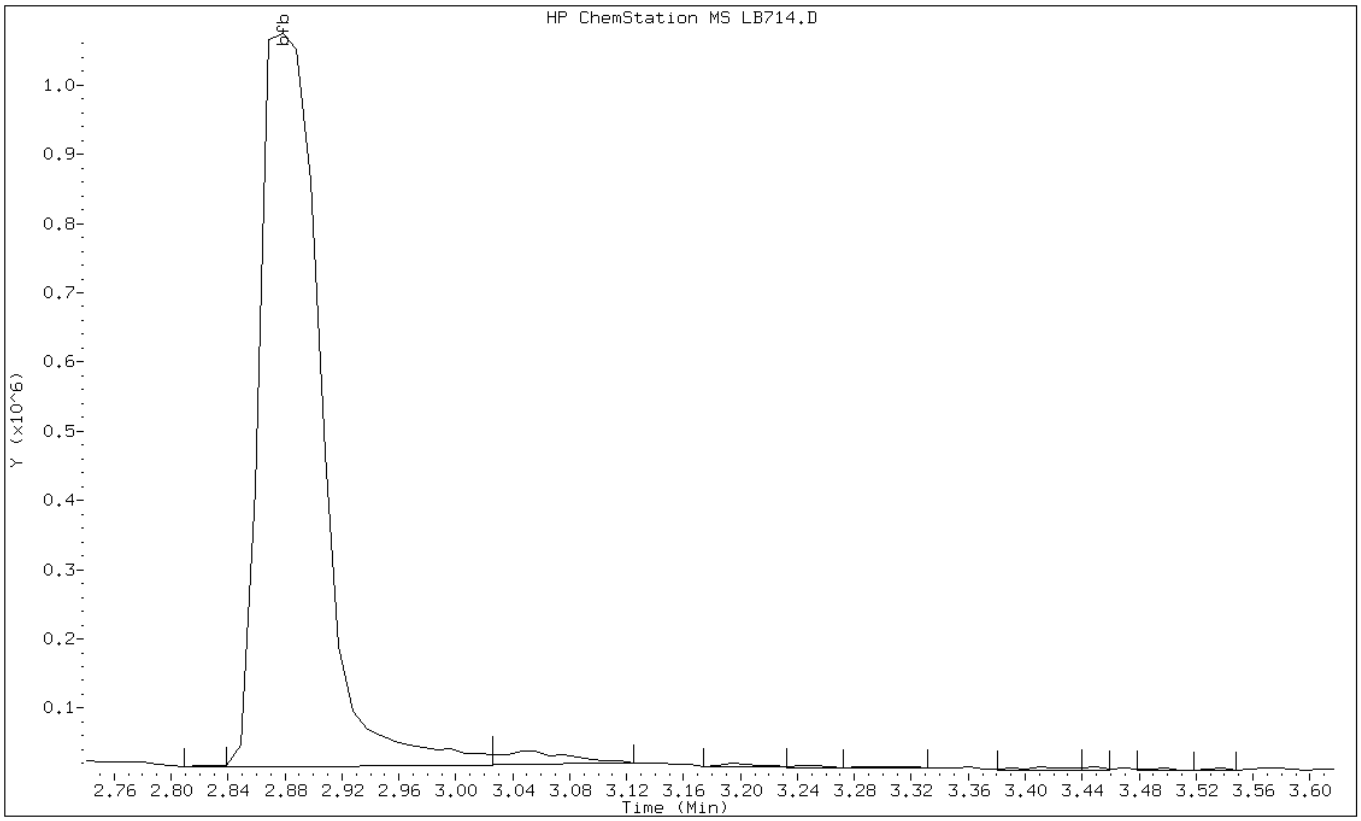
					CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb							CAS #: 460-00-4	
2.878	2.900	(0.000)	95	247680			0.00- 100.00	100.00
2.878	2.900	(0.000)	50	39336			15.00- 40.00	15.88
2.878	2.900	(0.000)	75	95808			30.00- 60.00	38.68
2.878	2.900	(0.000)	96	15372			5.00- 9.00	6.21
2.878	2.900	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.878	2.900	(0.000)	174	190848			50.00- 100.00	77.05
2.878	2.900	(0.000)	175	13806			5.00- 9.00	7.23
2.878	2.900	(0.000)	176	183808			95.00- 101.00	96.31
2.878	2.900	(0.000)	177	10996			5.00- 9.00	5.98

Data File: LB714.D

Date: 02-MAY-2011 18:16

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH



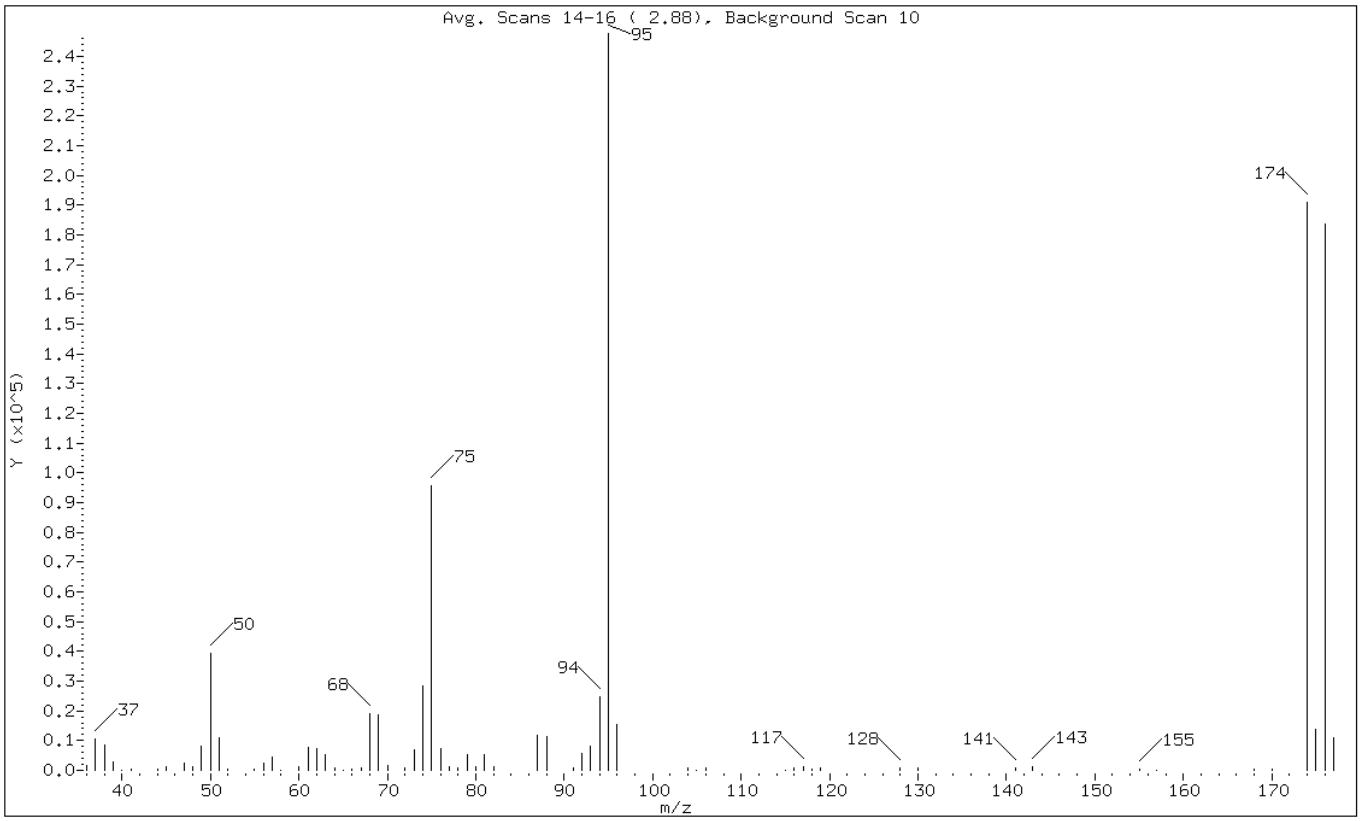
Data File: LB714.D

Date: 02-MAY-2011 18:16

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.88
75	30.00 - 60.00% of mass 95	38.68
96	5.00 - 9.00% of mass 95	6.21
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	77.05
175	5.00 - 9.00% of mass 174	5.57 (7.23)
176	95.00 - 101.00% of mass 174	74.21 (96.31)
177	5.00 - 9.00% of mass 176	4.44 (5.98)

Data File: LB714.D

Date: 02-MAY-2011 18:16

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH

Data File: \\consvr05\files\Chem\VOA\msl.i\L119390.b\LB714.D
Spectrum: Avg. Scans 14-16 (2.88), Background Scan 10
Location of Maximum: 95.00
Number of points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1562	60.00	1401	79.00	5398	118.00	429
37.00	10527	61.00	7651	80.00	1376	119.00	643
38.00	8536	62.00	7137	81.00	5182	128.00	829
39.00	3018	63.00	5151	82.00	1014	130.00	624
40.00	141	64.00	964	87.00	11627	141.00	778
41.00	356	65.00	169	88.00	11198	143.00	1338
44.00	495	66.00	357	91.00	866	155.00	229
45.00	1210	67.00	697	92.00	5519	157.00	178
47.00	2576	68.00	18920	93.00	8074	168.00	605
48.00	1169	69.00	18816	94.00	24864	170.00	574
49.00	7980	70.00	1567	95.00	247680	174.00	190848
50.00	39336	72.00	903	96.00	15372	175.00	13806
51.00	10791	73.00	6780	104.00	875	176.00	183808
52.00	466	74.00	28576	105.00	170	177.00	10996
55.00	227	75.00	95808	106.00	611		
56.00	2519	76.00	7358	115.00	100		
57.00	4495	77.00	1179	116.00	611		
58.00	170	78.00	629	117.00	1037		

TestAmerica Inc

Data file : \\consvr05\files\Chem\VOA\msl.i\L119405.b\LB715.D
Lab Smp Id: BFB-607034 Client Smp ID: BFB-607034
Inj Date : 03-MAY-2011 22:09 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : BFB-607034
Misc Info : : ;;; BFB ; 8260B ; 1 ; LLW
Comment :
Method : \\consvr05\files\Chem\VOA\msl.i\L119405.b\LBFB8260.m
Meth Date : 18-Oct-2010 12:56 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

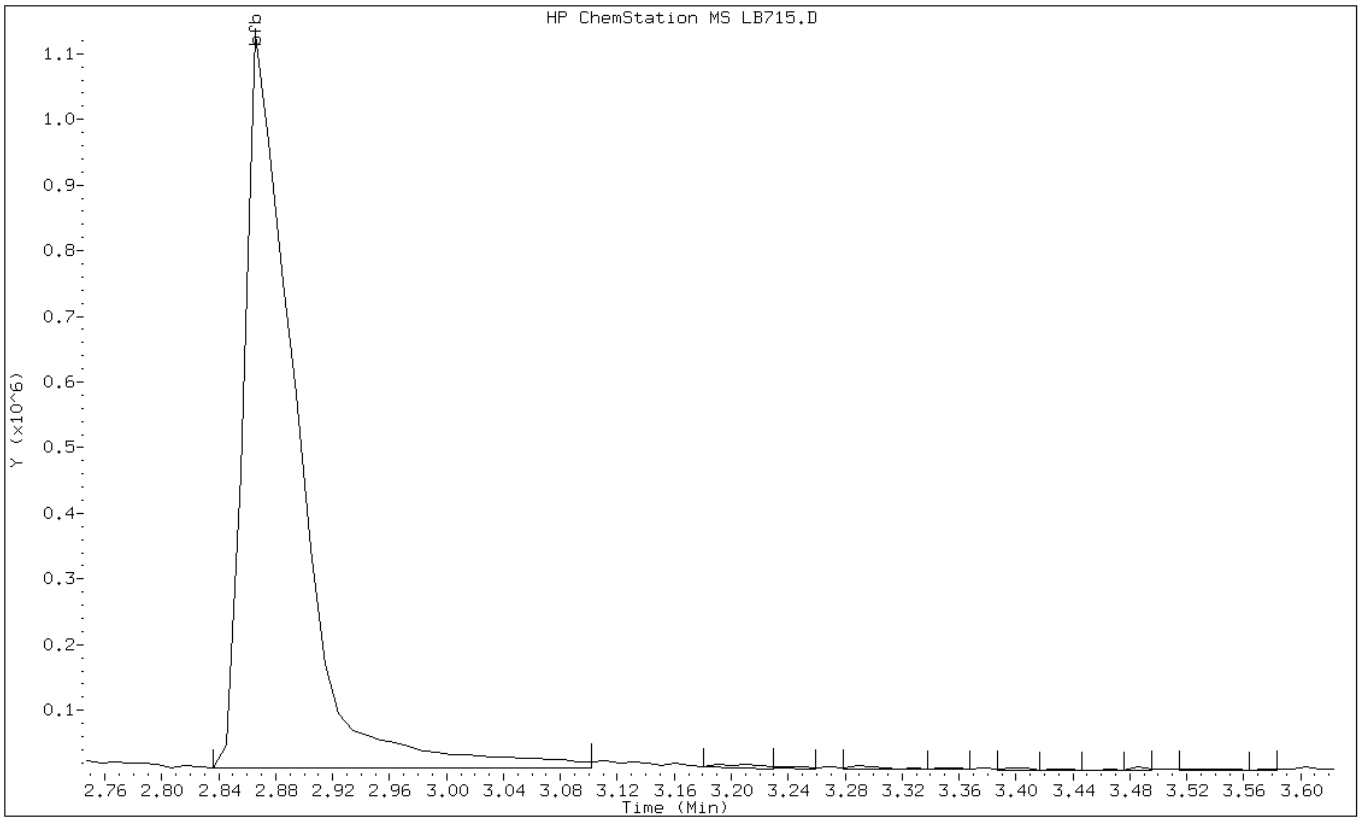
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.865	2.900	(0.000)	95	201600			0.00- 100.00	100.00
2.865	2.900	(0.000)	50	33408			15.00- 40.00	16.57
2.865	2.900	(0.000)	75	78528			30.00- 60.00	38.95
2.865	2.900	(0.000)	96	12707			5.00- 9.00	6.30
2.865	2.900	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.865	2.900	(0.000)	174	145152			50.00- 100.00	72.00
2.865	2.900	(0.000)	175	10593			5.00- 9.00	7.30
2.865	2.900	(0.000)	176	138624			95.00- 101.00	95.50
2.865	2.900	(0.000)	177	8487			5.00- 9.00	6.12

Data File: LB715.D

Date: 03-MAY-2011 22:09

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH



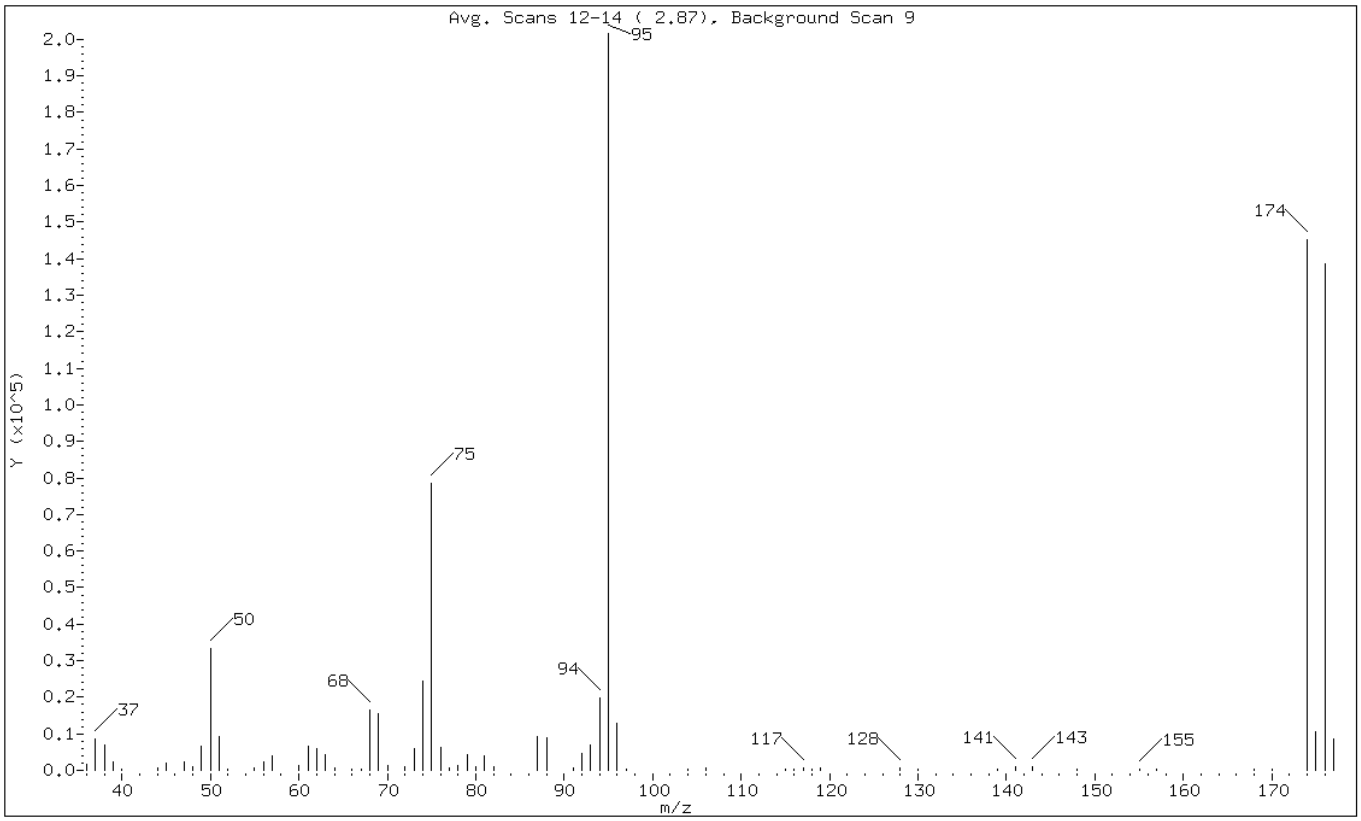
Data File: LB715.D

Date: 03-MAY-2011 22:09

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.57
75	30.00 - 60.00% of mass 95	38.95
96	5.00 - 9.00% of mass 95	6.30
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	72.00
175	5.00 - 9.00% of mass 174	5.25 (7.30)
176	95.00 - 101.00% of mass 174	68.76 (95.50)
177	5.00 - 9.00% of mass 176	4.21 (6.12)

Data File: LB715.D

Date: 03-MAY-2011 22:09

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH

Data File: \\consvr05\files\Chem\VOA\msl.i\L119405.b\LB715.D
Spectrum: Avg. Scans 12-14 (2.87), Background Scan 9
Location of Maximum: 95.00
Number of points: 67

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1596	61.00	6753	80.00	1073	118.00	406
37.00	8576	62.00	6009	81.00	4001	119.00	540
38.00	6892	63.00	4183	82.00	881	128.00	693
39.00	2282	64.00	803	87.00	9195	130.00	408
40.00	270	66.00	190	88.00	8923	139.00	170
44.00	662	67.00	370	91.00	644	141.00	854
45.00	1893	68.00	16362	92.00	4591	143.00	858
47.00	2473	69.00	15579	93.00	7077	148.00	345
48.00	1073	70.00	1168	94.00	19824	155.00	412
49.00	6567	72.00	1055	95.00	201600	157.00	190
50.00	33408	73.00	6064	96.00	12707	168.00	184
51.00	9290	74.00	24392	97.00	168	170.00	185
52.00	372	75.00	78528	104.00	492	174.00	145152
55.00	712	76.00	6419	106.00	574	175.00	10593
56.00	2349	77.00	813	115.00	223	176.00	138624
57.00	4120	78.00	1181	116.00	413	177.00	8487
60.00	1395	79.00	4125	117.00	583		

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\OB986.D
Lab Smp Id: BFB-578766 Client Smp ID: BFB-578766
Inj Date : 29-APR-2011 12:54 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : BFB-578766
Misc Info : ;;; 50ng 4-BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O113670.b\OBFB8260.m
Meth Date : 29-Nov-2010 10:00 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

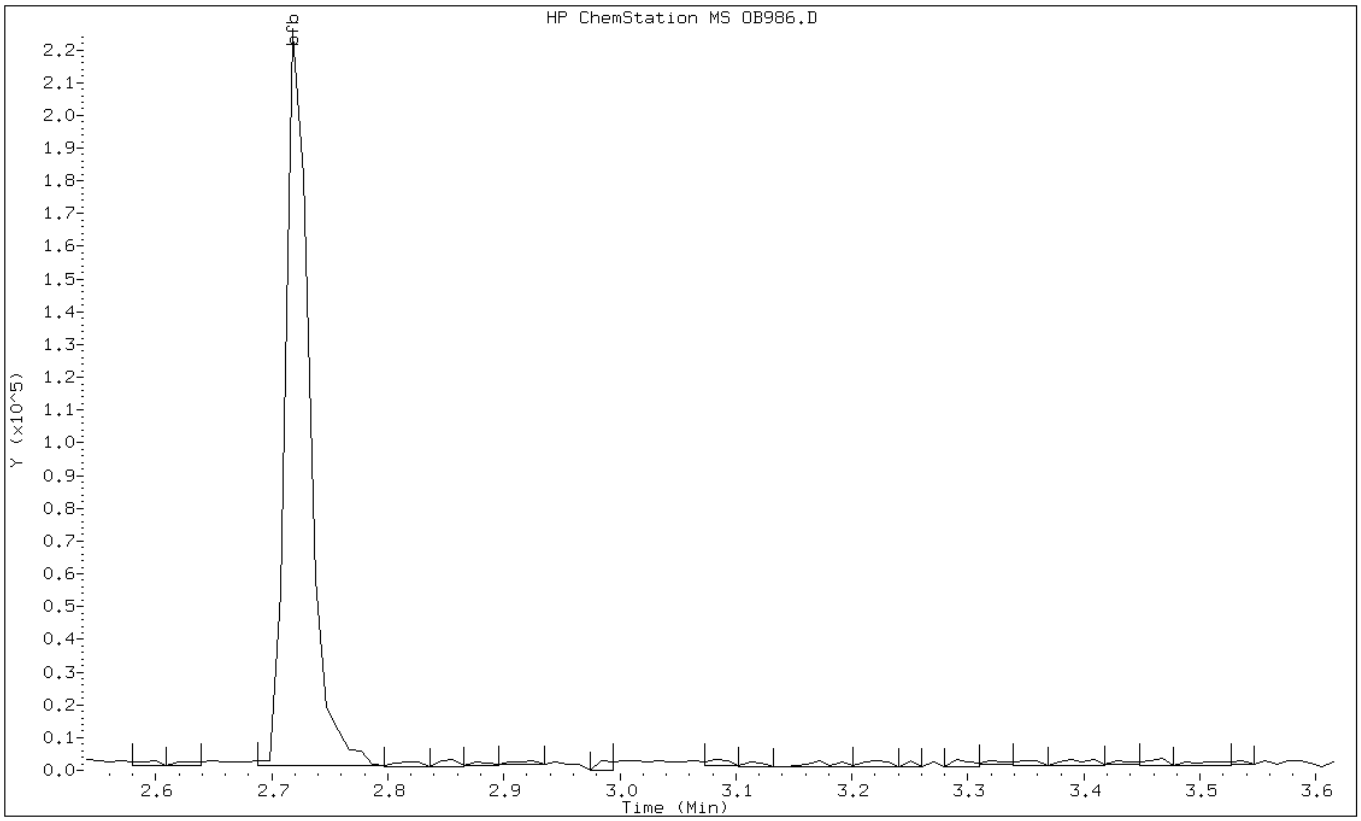
					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.718	2.750	(0.000)	95	34696			0.00- 100.00	100.00
2.718	2.750	(0.000)	50	6046			15.00- 40.00	17.43
2.718	2.750	(0.000)	75	15258			30.00- 60.00	43.98
2.718	2.750	(0.000)	96	2244			5.00- 9.00	6.47
2.718	2.750	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.718	2.750	(0.000)	174	29160			50.00- 100.00	84.04
2.718	2.750	(0.000)	175	2079			5.00- 9.00	7.13
2.718	2.750	(0.000)	176	28440			95.00- 101.00	97.53
2.718	2.750	(0.000)	177	1728			5.00- 9.00	6.08

Data File: OB986.D

Date: 29-APR-2011 12:54

Client ID: BFB-578766 Instrument: mso.i

Sample Info: BFB-578766 Operator: D. HUMBERT



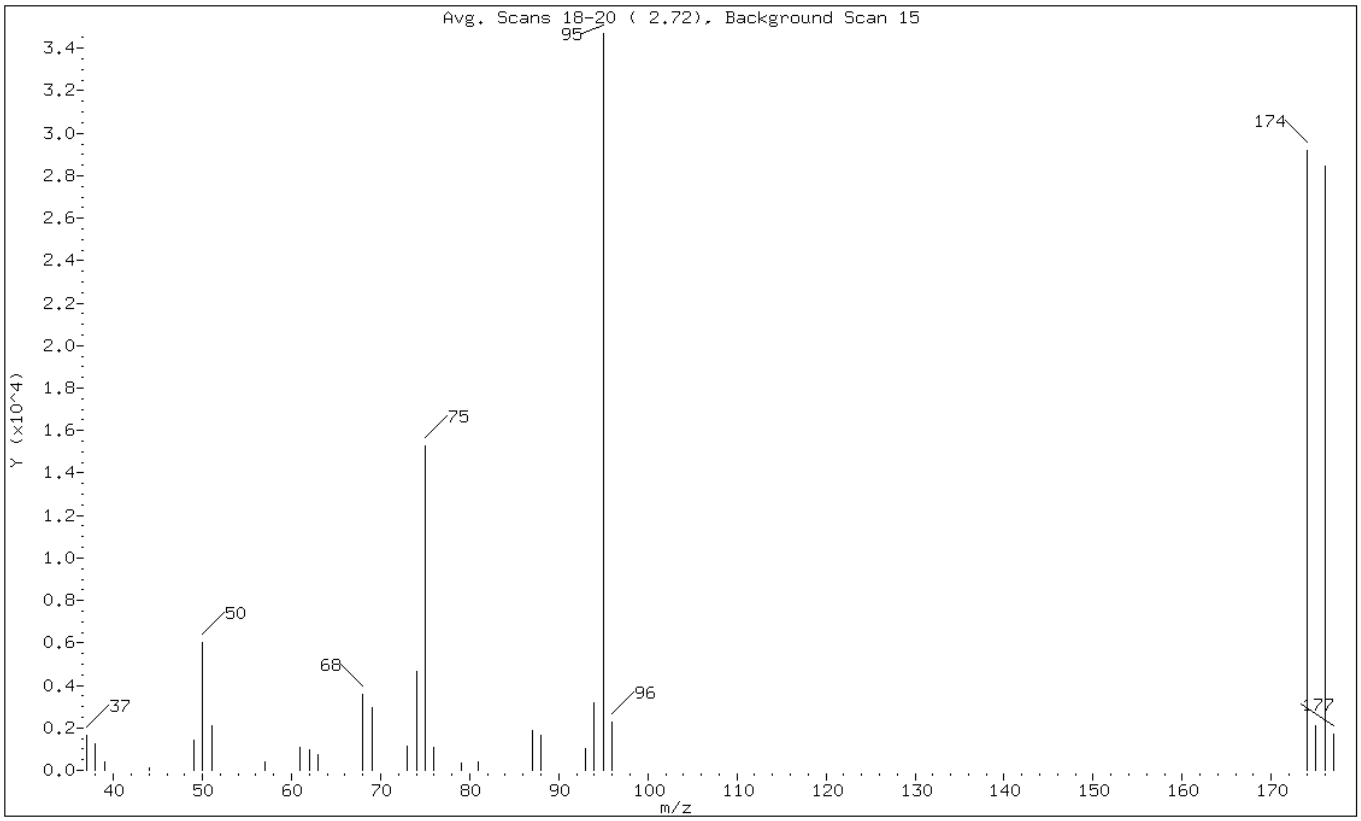
Data File: OB986.D

Date: 29-APR-2011 12:54

Client ID: BFB-578766 Instrument: mso.i

Sample Info: BFB-578766 Operator: D. HUMBERT

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.43
75	30.00 - 60.00% of mass 95	43.98
96	5.00 - 9.00% of mass 95	6.47
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	84.04
175	5.00 - 9.00% of mass 174	5.99 (7.13)
176	95.00 - 101.00% of mass 174	81.97 (97.53)
177	5.00 - 9.00% of mass 176	4.98 (6.08)

Data File: OB986.D

Date: 29-APR-2011 12:54

Client ID: BFB-578766 Instrument: mso.i

Sample Info: BFB-578766 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\mso.i\O113670.b\OB986.D
Spectrum: Avg. Scans 18-20 (2.72), Background Scan 15
Location of Maximum: 95.00
Number of points: 29

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1620	61.00	1058	76.00	1082	96.00	2244
38.00	1231	62.00	978	79.00	354	174.00	29160
39.00	379	63.00	766	81.00	390	175.00	2079
44.00	119	68.00	3551	87.00	1888	176.00	28440
49.00	1427	69.00	2937	88.00	1650	177.00	1728
50.00	6046	73.00	1112	93.00	1001		
51.00	2092	74.00	4675	94.00	3198		
57.00	389	75.00	15258	95.00	34696		

Test America Inc

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113681.b\OB988.D
Lab Smp Id: BFB-578766 Client Smp ID: BFB-578766
Inj Date : 02-MAY-2011 10:07 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : BFB-578766
Misc Info : ;;; 50ng 4-BFB ; 8260 ; 1 ; LLS
Comment :
Method : \\consvr05\Files\Chem\VOA\mso.i\O113681.b\OBFB8260.m
Meth Date : 29-Nov-2010 10:00 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

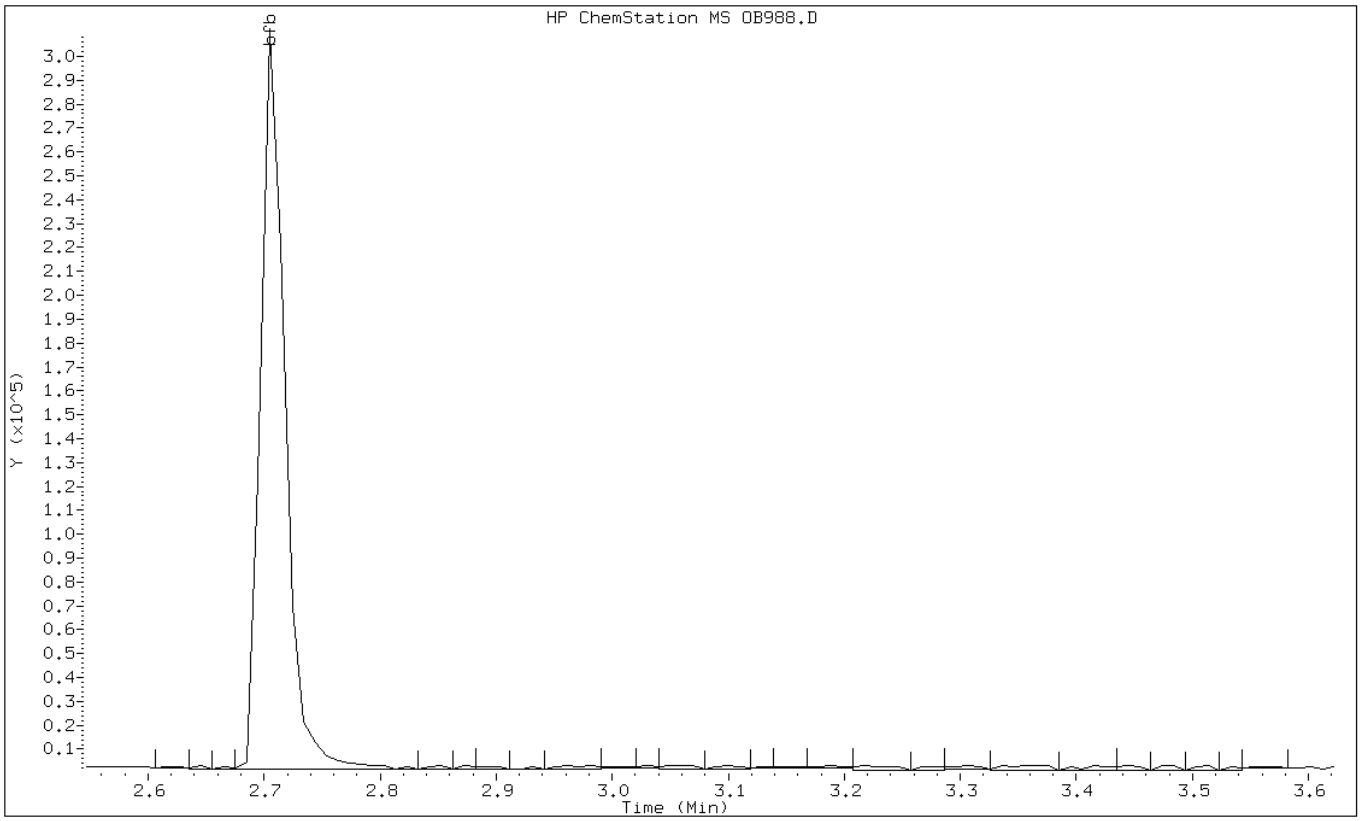
RT	EXP RT	REL RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.704	2.750	(0.000)	95	47560			0.00- 100.00	100.00
2.704	2.750	(0.000)	50	7508			15.00- 40.00	15.79
2.704	2.750	(0.000)	75	20864			30.00- 60.00	43.87
2.704	2.750	(0.000)	96	3296			5.00- 9.00	6.93
2.704	2.750	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.704	2.750	(0.000)	174	41648			50.00- 100.00	87.57
2.704	2.750	(0.000)	175	2994			5.00- 9.00	7.19
2.704	2.750	(0.000)	176	39768			95.00- 101.00	95.49
2.704	2.750	(0.000)	177	2443			5.00- 9.00	6.14

Data File: OB988.D

Date: 02-MAY-2011 10:07

Client ID: BFB-578766 Instrument: mso.i

Sample Info: BFB-578766 Operator: D. HUMBERT



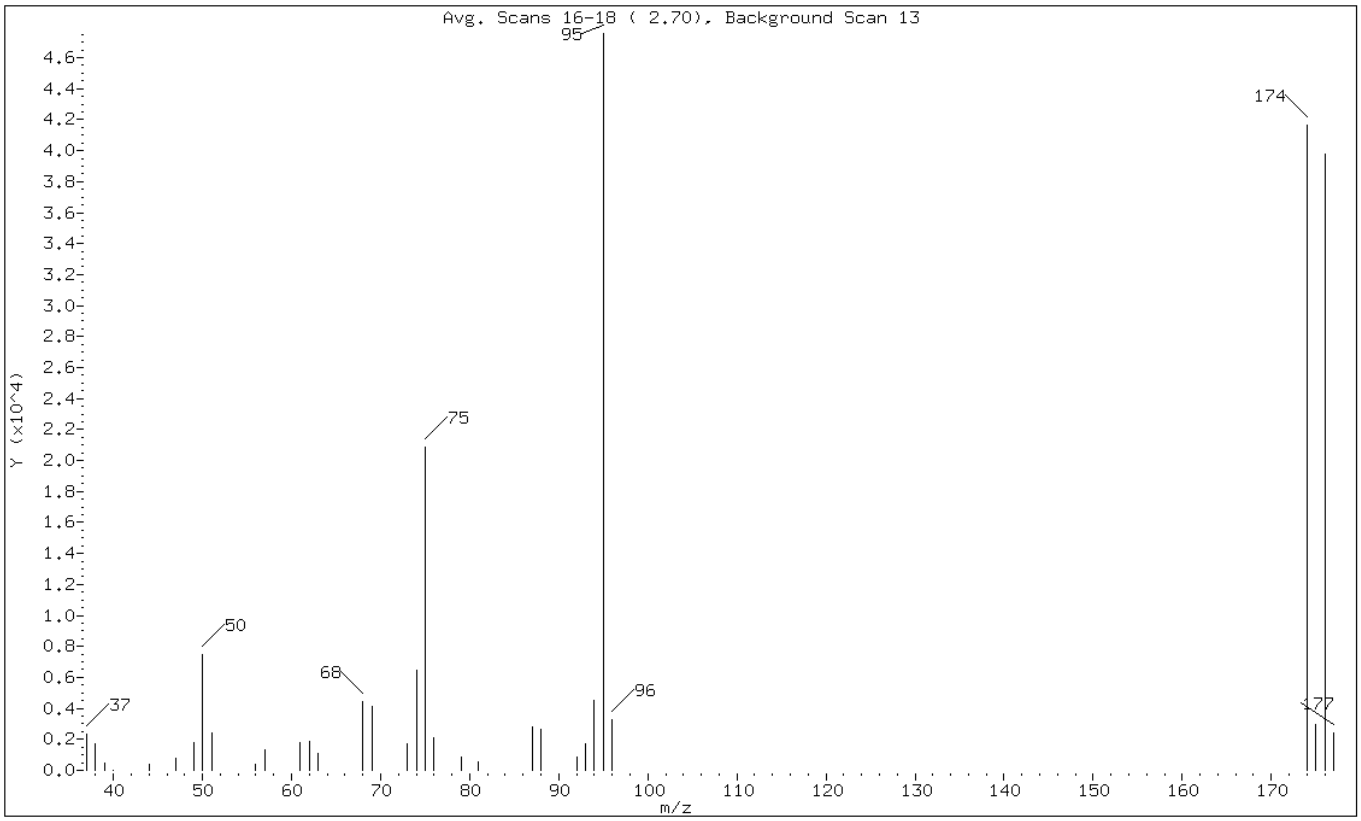
Data File: OB988.D

Date: 02-MAY-2011 10:07

Client ID: BFB-578766 Instrument: mso.i

Sample Info: BFB-578766 Operator: D. HUMBERT

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.79
75	30.00 - 60.00% of mass 95	43.87
96	5.00 - 9.00% of mass 95	6.93
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	87.57
175	5.00 - 9.00% of mass 174	6.30 (7.19)
176	95.00 - 101.00% of mass 174	83.62 (95.49)
177	5.00 - 9.00% of mass 176	5.14 (6.14)

Data File: OB988.D

Date: 02-MAY-2011 10:07

Client ID: BFB-578766 Instrument: mso.i

Sample Info: BFB-578766 Operator: D. HUMBERT

Data File: \\consvr05\Files\Chem\VOA\mso.i\O113681.b\OB988.D
Spectrum: Avg. Scans 16-18 (2.70), Background Scan 13
Location of Maximum: 95.00
Number of points: 33

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	2371	56.00	386	75.00	20864	95.00	47560
38.00	1678	57.00	1355	76.00	2064	96.00	3296
39.00	496	61.00	1779	79.00	858	174.00	41648
40.00	35	62.00	1893	81.00	538	175.00	2994
44.00	368	63.00	1061	87.00	2831	176.00	39768
47.00	777	68.00	4421	88.00	2643	177.00	2443
49.00	1776	69.00	4089	92.00	861		
50.00	7508	73.00	1701	93.00	1744		
51.00	2421	74.00	6477	94.00	4552		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-50349/3

Matrix: Solid Lab File ID: O3686.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 05/02/2011 13:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 50349 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.21
71-43-2	Benzene	5.0	U	5.0	0.57
108-88-3	Toluene	5.0	U	5.0	0.074
100-41-4	Ethylbenzene	5.0	U	5.0	0.70
179601-23-1	m&p-Xylene	5.0	U	5.0	0.35
95-47-6	o-Xylene	5.0	U	5.0	0.19
98-82-8	Isopropylbenzene	5.0	U	5.0	0.19
103-65-1	N-Propylbenzene	5.0	U	5.0	0.61
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	0.50
98-06-6	tert-Butylbenzene	5.0	U	5.0	0.29
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.76
135-98-8	sec-Butylbenzene	5.0	U	5.0	0.53
99-87-6	4-Isopropyltoluene	5.0	U	5.0	0.53
104-51-8	n-Butylbenzene	5.0	U	5.0	1.1
91-20-3	Naphthalene	5.0	U	5.0	0.29
1330-20-7	Xylenes, Total	5.0	U	5.0	0.49

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	116		59-132
460-00-4	4-Bromofluorobenzene	122		34-124
1868-53-7	Dibromofluoromethane	111		59-123
2037-26-5	Toluene-d8 (Surr)	108		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113681.b\O3686.D
Lab Smp Id: MB-590686 Client Smp ID: MB-590686
Inj Date : 02-MAY-2011 13:00 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : MB-590686
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O113681.b\O8260BNS.m
Meth Date : 02-May-2011 10:55 dave Quant Type: ISTD
Cal Date : 29-APR-2011 14:23 Cal File: O3673.D
Als bottle: 49 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1006

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

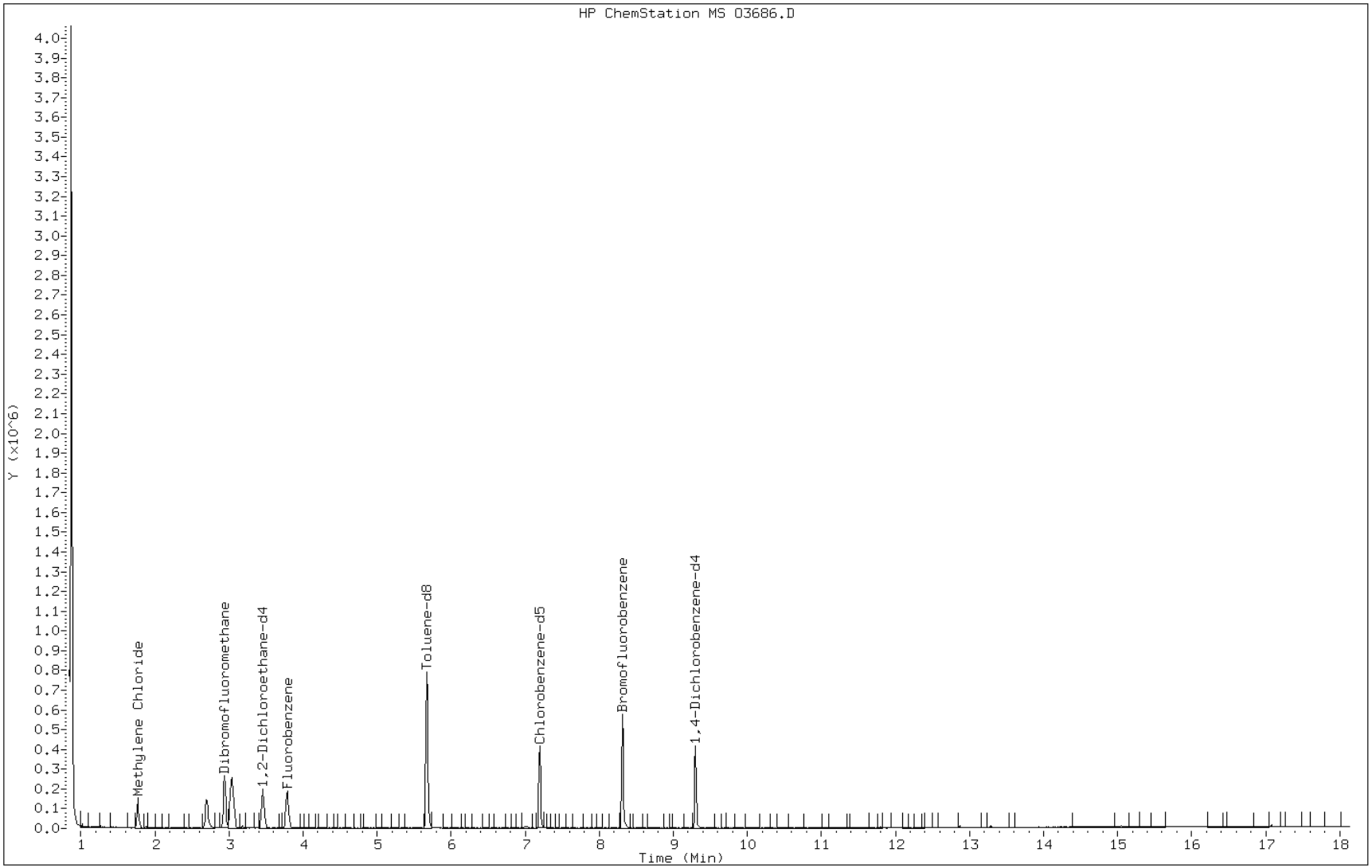
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
*	1 Fluorobenzene	96	3.788	3.782	(1.000)	265331	25.0000	
	20 Methylene Chloride	84	1.767	1.761	(0.466)	41613	5.94472	6
	21 Acetone	43	1.786	1.781	(0.472)	15737	4.70025	5
$	41 Dibromofluoromethane	111	2.940	2.934	(0.776)	199609	27.7051	28
$	55 1,2-Dichloroethane-d4	65	3.453	3.457	(0.912)	177803	28.8763	29
*	75 Chlorobenzene-d5	117	7.199	7.193	(1.000)	265845	25.0000	
$	77 Toluene-d8	98	5.671	5.675	(0.788)	616602	27.1086	27
*	95 1,4-Dichlorobenzene-d4	152	9.299	9.293	(1.000)	117451	25.0000	
$	125 Bromofluorobenzene	95	8.313	8.317	(0.894)	198554	30.6202	31

Data File: O3686.D

Date: 02-MAY-2011 13:00

Client ID: MB-590686 Instrument: mso.i

Sample Info: MB-590686 Operator: D. HUMBERT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 220-50397/3

Matrix: Water Lab File ID: L9408.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/04/2011 00:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 50397 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.17
71-43-2	Benzene	5.0	U	5.0	0.74
108-88-3	Toluene	5.0	U	5.0	0.72
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
179601-23-1	m&p-Xylene	5.0	U	5.0	1.7
95-47-6	o-Xylene	5.0	U	5.0	0.66
98-82-8	Isopropylbenzene	5.0	U	5.0	0.85
103-65-1	N-Propylbenzene	5.0	U	5.0	0.62
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	0.53
98-06-6	tert-Butylbenzene	5.0	U	5.0	0.75
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.64
135-98-8	sec-Butylbenzene	5.0	U	5.0	0.79
99-87-6	4-Isopropyltoluene	5.0	U	5.0	0.81
104-51-8	n-Butylbenzene	5.0	U	5.0	0.67
91-20-3	Naphthalene	5.0	U	5.0	0.34
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		65-136
460-00-4	4-Bromofluorobenzene	95		51-142
1868-53-7	Dibromofluoromethane	97		68-132
2037-26-5	Toluene-d8 (Surr)	103		63-127

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119405.b\L9408.D
Lab Smp Id: MB-600305 Client Smp ID: MB-600305
Inj Date : 04-MAY-2011 00:01 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : MB-600305
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119405.b\L8260BNW.m
Meth Date : 03-May-2011 22:53 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 20:37 Cal File: L9397.D
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

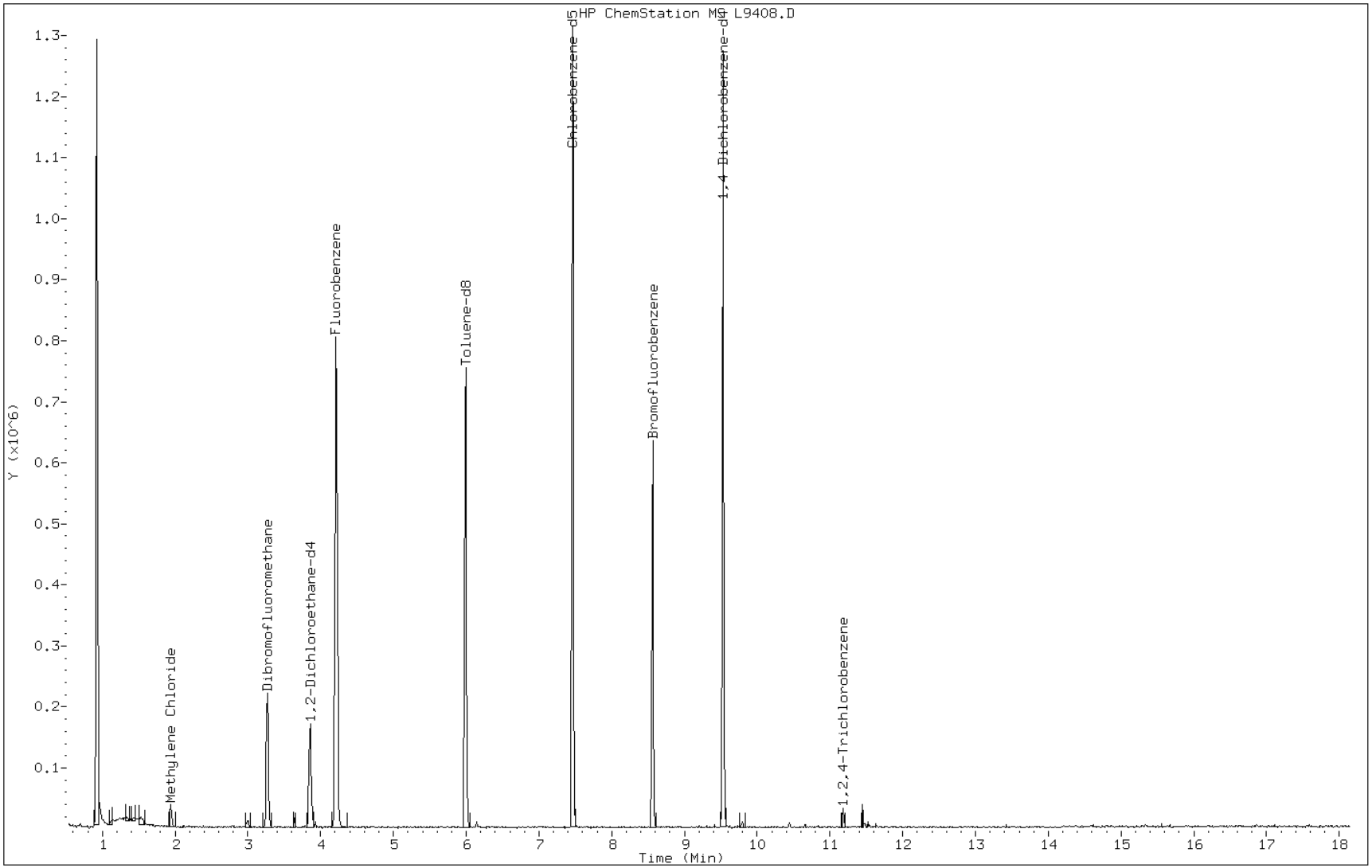
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.213	4.217	(1.000)	1001567	25.0000	
20 Methylene Chloride	84	1.939	1.934	(0.460)	15684	1.72817	2
$ 41 Dibromofluoromethane	111	3.268	3.263	(0.776)	152941	24.1295	24
$ 55 1,2-Dichloroethane-d4	65	3.859	3.853	(0.916)	136997	23.2547	23
* 75 Chlorobenzene-d5	117	7.461	7.465	(1.000)	708359	25.0000	
$ 77 Toluene-d8	98	5.994	5.989	(0.803)	526070	25.6446	26
* 95 1,4-Dichlorobenzene-d4	152	9.528	9.532	(1.000)	305253	25.0000	
121 1,2,4-Trichlorobenzene	180	11.191	11.196	(1.175)	1967	0.26481	0.3
$ 125 Bromofluorobenzene	95	8.563	8.558	(0.899)	215272	23.6795	24

Data File: L9408.D

Date: 04-MAY-2011 00:01

Client ID: MB-600305 Instrument: msl.i

Sample Info: MB-600305 Operator: E. LYNCH



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-50349/2

Matrix: Solid | Lab File ID: O3683.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 05/02/2011 11:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 50349 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	19.3		5.0	0.21
71-43-2	Benzene	19.1		5.0	0.57
108-88-3	Toluene	18.9		5.0	0.074
100-41-4	Ethylbenzene	19.4		5.0	0.70
179601-23-1	m&p-Xylene	39.6		5.0	0.35
95-47-6	o-Xylene	19.4		5.0	0.19
98-82-8	Isopropylbenzene	20.0		5.0	0.19
103-65-1	N-Propylbenzene	20.2		5.0	0.61
108-67-8	1,3,5-Trimethylbenzene	20.2		5.0	0.50
98-06-6	tert-Butylbenzene	19.8		5.0	0.29
95-63-6	1,2,4-Trimethylbenzene	20.1		5.0	0.76
135-98-8	sec-Butylbenzene	20.2		5.0	0.53
99-87-6	4-Isopropyltoluene	19.9		5.0	0.53
104-51-8	n-Butylbenzene	22.2		5.0	1.1
91-20-3	Naphthalene	18.5		5.0	0.29
1330-20-7	Xylenes, Total	59.0		5.0	0.49

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		59-132
460-00-4	4-Bromofluorobenzene	103		34-124
1868-53-7	Dibromofluoromethane	101		59-123
2037-26-5	Toluene-d8 (Surr)	99		50-118

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\mso.i\O113681.b\O3683.D
Lab Smp Id: LCS-606486 Client Smp ID: LCS-606486
Inj Date : 02-MAY-2011 11:27 MS Autotune Date: 13-MAR-2010 16:11
Operator : D. HUMBERT Inst ID: mso.i
Smp Info : LCS-606486
Misc Info :
Comment :
Method : \\consvr05\Files\chem\VOA\mso.i\O113681.b\O8260BNS.m
Meth Date : 02-May-2011 10:55 dave Quant Type: ISTD
Cal Date : 29-APR-2011 14:23 Cal File: O3673.D
Als bottle: 47
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf *1/(Ws * (100 - M)/100) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Ws	5.000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)
Va	100.000	Volume of aliquot extract added (uL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	CONCENTRATIONS FINAL (ug/Kg)
* 1	Fluorobenzene	96	3.782	3.782	(1.000)	290794	25.0000	
2	Dichlorodifluoromethane	85	0.933	0.933	(0.247)	139428	19.6886	20
3	Chloromethane	50	1.002	1.002	(0.265)	198355	19.9122	20
4	Vinyl Chloride	62	1.042	1.041	(0.275)	167245	19.9943	20
5	Bromomethane	94	1.170	1.170	(0.309)	109007	22.2171	22
6	Chloroethane	64	1.219	1.219	(0.322)	86816	25.8089	26
7	Trichlorofluoromethane	101	1.278	1.278	(0.338)	178324	20.2308	20
8	Dichlorofluoromethane	67	1.298	1.298	(0.343)	192243	20.1047	20
9	Ethyl Ether	45	1.396	1.396	(0.369)	67876	19.7432	20
10	Ethanol	45	1.446	1.446	(0.382)	62467	206.878	210
12	Freon 123	67	1.495	1.495	(0.395)	33383	19.7789	20
13	Trichlorotrifluoroethane	101	1.505	1.505	(0.398)	129183	19.9440	20
14	1,1-Dichloroethene	96	1.495	1.495	(0.395)	103596	19.6697	20
15	Carbon Disulfide	76	1.525	1.525	(0.403)	430895	19.8161	20
16	Iodomethane	142	1.574	1.574	(0.416)	201289	19.4607	19
17	Acrolein	56	1.643	1.643	(0.434)	345514	94.8743	95
18	2-Propanol	45	1.702	1.712	(0.450)	12806	22.3697	22
19	3-Chloro-1-Propene	41	1.712	1.712	(0.453)	210942	19.5199	20
20	Methylene Chloride	84	1.761	1.761	(0.466)	175439	22.8682	23
21	Acetone	43	1.781	1.781	(0.471)	101042	27.5361	28
22	trans-1,2-Dichloroethene	96	1.850	1.850	(0.489)	134881	19.7705	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
	23 Methyl Acetate	43	1.840	1.840	(0.487)	675137	22.0034	22
	24 Methyl tert-Butyl Ether	73	1.899	1.899	(0.502)	347693	19.3316	19
	25 tert-Butyl alcohol	59	1.929	1.929	(0.510)	117793	111.174	110
	26 Acetonitrile	41	2.037	2.037	(0.539)	580603	230.476	230
	27 Isopropyl ether	45	2.106	2.096	(0.557)	489968	19.4754	19
	28 tert-Butyl ethyl ether	59	2.333	2.333	(0.617)	420602	19.6749	20
	29 2-Chloro-1,3-Butadiene	88	2.185	2.185	(0.578)	124843	19.2810	19
	30 Acrylonitrile	53	2.225	2.225	(0.588)	137627	43.6452	44
	31 1,1-Dichloroethane	63	2.205	2.195	(0.583)	227561	18.6910	19
	32 Vinyl Acetate	43	2.353	2.343	(0.622)	740440	18.2521	18
	33 cis-1,2-Dichloroethene	96	2.570	2.570	(0.679)	150769	19.0329	19
	34 2,2-Dichloropropane	77	2.649	2.648	(0.700)	189618	19.0364	19
	35 Bromochloromethane	128	2.727	2.727	(0.721)	79704	19.5195	20
	37 Cyclohexane	84	2.727	2.727	(0.721)	203671	19.6177	20
	38 Chloroform	83	2.777	2.777	(0.734)	228867	19.2793	19
	39 Ethyl Acetate	43	2.885	2.875	(0.763)	50609	44.4414	44
	40 Methyl Acrylate	55	2.885	2.885	(0.763)	139838	20.6483	21
$	41 Dibromofluoromethane	111	2.934	2.934	(0.776)	198921	25.1920	25
	42 Tetrahydrofuran	42	2.915	2.915	(0.771)	115136	42.5036	42
	43 Carbon Tetrachloride	117	2.905	2.905	(0.768)	149029	16.9109	17
	44 1,1,1-Trichloroethane	97	2.964	2.964	(0.784)	170299	18.9543	19
	45 2-Butanone	43	3.053	3.053	(0.807)	113442	26.5688	26
	46 1,1-Dichloropropene	75	3.072	3.072	(0.812)	189385	18.7298	19
	47 tert-Amyl methyl ether	73	3.437	3.437	(0.909)	372051	19.3556	19
	49 1-Chlorobutane	56	3.122	3.122	(0.825)	257289	19.8253	20
	50 Heptane	43	2.718	2.717	(0.719)	221628	19.9069	20
	51 Propionitrile	54	3.329	3.329	(0.880)	223028	204.387	200
	52 Benzene	78	3.309	3.309	(0.875)	509025	19.1432	19
	53 2-Methyl-2-Propenenitrile	41	3.348	3.358	(0.885)	96372	20.2191	20
	54 Isobutyl alcohol	42	3.585	3.585	(0.948)	132992	112.388	110
$	55 1,2-Dichloroethane-d4	65	3.457	3.457	(0.914)	179827	26.6477	27
	56 1,2-Dichloroethane	62	3.536	3.526	(0.935)	146221	19.5608	20
	59 Methyl Cyclohexane	83	3.979	3.979	(1.052)	229379	19.2724	19
	60 Trichloroethene	130	4.009	3.999	(1.060)	140784	19.0741	19
	63 Dibromomethane	93	4.532	4.531	(1.198)	91948	18.8527	19
	64 1,2-Dichloropropane	63	4.650	4.650	(1.229)	141763	18.8373	19
	65 Bromodichloromethane	83	4.758	4.758	(1.258)	160324	18.9343	19
	66 Methyl Methacrylate	69	4.985	4.985	(1.318)	101996	19.9183	20(R)
	67 1,4-Dioxane	58	4.995	5.005	(1.321)	24945	202.773	200
	69 2-Chloroethylvinylether	63	5.448	5.448	(1.440)	184171	19.6977	20
	70 cis-1,3-Dichloropropene	75	5.478	5.478	(1.448)	213852	19.0945	19
	71 Chloroacetonitrile	48	5.912	5.912	(1.563)	57425	191.908	190(R)
	72 2-Nitropropane	41	5.961	5.961	(1.576)	66557	42.6257	43
	73 trans-1,3-Dichloropropene	75	6.178	6.178	(1.633)	187699	19.3904	19
	74 1,1,2-Trichloroethane	97	6.336	6.326	(1.675)	118477	19.5025	20
*	75 Chlorobenzene-d5	117	7.193	7.193	(1.000)	289897	25.0000	
	76 Toluene	91	5.724	5.724	(0.796)	537438	18.9191	19
$	77 Toluene-d8	98	5.675	5.675	(0.789)	614978	24.7940	25
	78 1,1-Dichloro-2-propanone	43	5.981	5.981	(0.831)	456237	104.143	100
	79 4-Methyl-2-Pentanone	43	6.148	6.148	(0.855)	169679	21.2335	21
	80 Tetrachloroethene	164	6.119	6.119	(0.851)	112901	18.8241	19
	81 Ethyl Methacrylate	69	6.385	6.385	(0.888)	177182	19.6105	20
	82 Dibromochloromethane	129	6.493	6.493	(0.903)	139985	18.6551	19
	83 1,3-Dichloropropane	76	6.582	6.582	(0.915)	206442	19.0449	19

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/kg)	FINAL (ug/Kg)
84	1,2-Dibromoethane	107	6.691	6.691	(0.930)	134411	18.8113	19
86	2-Hexanone	43	6.986	6.976	(0.971)	131545	21.2922	21
87	1-Chlorohexane	91	7.243	7.243	(1.007)	259880	23.3779	23(M)
88	Chlorobenzene	112	7.213	7.213	(1.003)	347612	19.2591	19
89	1,1,1,2-Tetrachloroethane	131	7.282	7.282	(1.012)	118316	18.6237	19
90	Ethylbenzene	106	7.262	7.252	(1.010)	177472	19.3866	19
91	Xylene (total)mp	106	7.400	7.400	(1.029)	448819	39.5526	40
92	Xylene (total)o	106	7.785	7.785	(1.082)	213282	19.4072	19
93	Styrene	104	7.834	7.834	(1.089)	360072	19.4901	19
94	Bromoform	173	7.844	7.844	(1.090)	97992	19.4771	19
* 95	1,4-Dichlorobenzene-d4	152	9.293	9.293	(1.000)	147270	25.0000	
96	Isopropylbenzene	105	8.081	8.081	(0.870)	504176	19.9513	20
97	Bromobenzene	156	8.386	8.386	(0.902)	149204	19.5978	20
98	1,1,2,2-Tetrachloroethane	83	8.524	8.524	(0.917)	175397	20.4835	20
99	4-Ethyltoluene	105	8.554	8.554	(0.920)	522308	20.1569	20
100	1,2,3-Trichloropropane	110	8.623	8.623	(0.928)	43216	20.4479	20
101	trans-1,4-Dichloro-2-Butene	53	8.672	8.672	(0.933)	72999	40.2433	40
102	n-Propylbenzene	91	8.445	8.445	(0.909)	667653	20.2401	20
103	2-Chlorotoluene	91	8.564	8.564	(0.922)	430613	20.0711	20
104	4-Chlorotoluene	91	8.712	8.712	(0.937)	382811	19.8201	20
105	1,3,5-Trimethylbenzene	105	8.633	8.633	(0.929)	432752	20.1979	20
106	tert-Butylbenzene	119	8.899	8.899	(0.958)	363441	19.8040	20
107	1,2,4-Trimethylbenzene	105	8.968	8.968	(0.965)	426208	20.0777	20
108	sec-Butylbenzene	105	9.057	9.057	(0.975)	592651	20.1693	20
109	4-Isopropyltoluene	119	9.195	9.195	(0.989)	446251	19.8927	20
110	1,3-Dichlorobenzene	146	9.224	9.224	(0.993)	246089	19.7101	20
111	1,4-Dichlorobenzene	146	9.313	9.303	(1.002)	250944	19.9532	20
112	1,2-Dichlorobenzene	146	9.668	9.668	(1.040)	232674	19.7057	20
113	Benzyl Chloride	126	9.540	9.530	(1.027)	53830	20.4457	20
114	1,4-Diethylbenzene	119	9.510	9.510	(1.023)	219599	20.4751	20
115	n-Butylbenzene	91	9.559	9.559	(1.029)	561284	22.1650	22
118	1,2,4,5-Tetramethylbenzene	119	10.220	10.220	(1.100)	350906	20.1671	20
119	1,2-Dibromo-3-chloropropane	75	10.368	10.368	(1.116)	20739	19.6624	20
120	Nitrobenzene	77	10.861	10.861	(1.169)	35802	197.144	200
121	1,2,4-Trichlorobenzene	180	10.969	10.969	(1.180)	132877	20.0264	20
122	Hexachlorobutadiene	225	10.959	10.959	(1.179)	80476	20.1350	20
123	Naphthalene	128	11.245	11.235	(1.210)	252704	18.4579	18
124	1,2,3-Trichlorobenzene	180	11.403	11.403	(1.227)	117880	19.6208	20
$ 125	Bromofluorobenzene	95	8.317	8.317	(0.895)	208847	25.6862	26
M 126	1,2-Dichloroethene (total)	100				285650	38.8034	39
M 127	Xylene (total)	100				662101	58.9598	59

QC Flag Legend

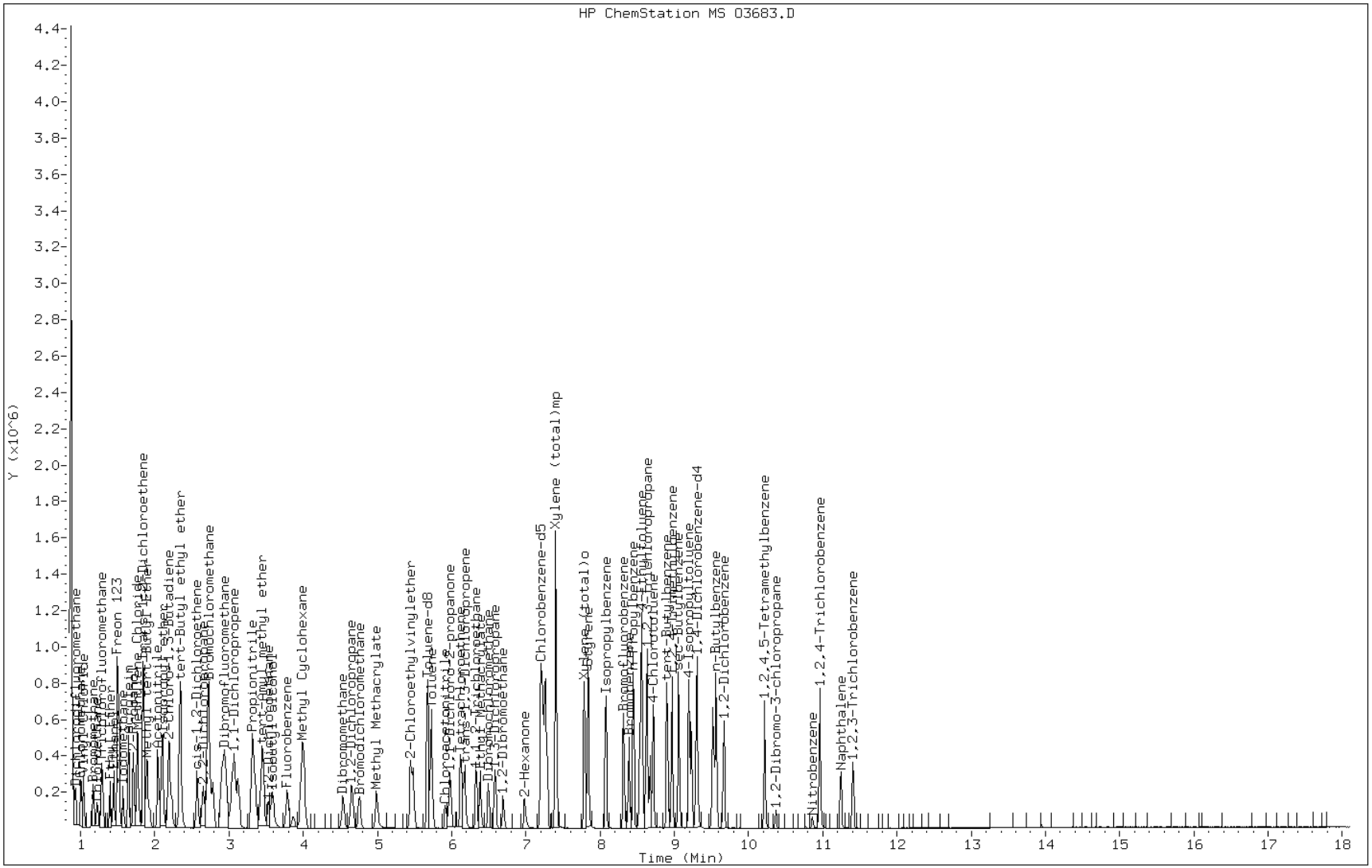
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: O3683.D

Date: 02-MAY-2011 11:27

Client ID: LCS-606486 Instrument: mso.i

Sample Info: LCS-606486 Operator: D. HUMBERT



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-50397/2

Matrix: Water Lab File ID: L9406.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/03/2011 23:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 50397 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	19.5		5.0	0.17
71-43-2	Benzene	20.1		5.0	0.74
108-88-3	Toluene	19.8		5.0	0.72
100-41-4	Ethylbenzene	19.5		5.0	0.87
179601-23-1	m&p-Xylene	40.2		5.0	1.7
95-47-6	o-Xylene	19.9		5.0	0.66
98-82-8	Isopropylbenzene	20.2		5.0	0.85
103-65-1	N-Propylbenzene	19.7		5.0	0.62
108-67-8	1,3,5-Trimethylbenzene	20.3		5.0	0.53
98-06-6	tert-Butylbenzene	19.9		5.0	0.75
95-63-6	1,2,4-Trimethylbenzene	19.8		5.0	0.64
135-98-8	sec-Butylbenzene	20.3		5.0	0.79
99-87-6	4-Isopropyltoluene	20.0		5.0	0.81
104-51-8	n-Butylbenzene	11.2		5.0	0.67
91-20-3	Naphthalene	17.7		5.0	0.34
1330-20-7	Xylenes, Total	60.1		5.0	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		65-136
460-00-4	4-Bromofluorobenzene	93		51-142
1868-53-7	Dibromofluoromethane	99		68-132
2037-26-5	Toluene-d8 (Surr)	104		63-127

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119405.b\L9406.D
Lab Smp Id: LCS-606485 Client Smp ID: LCS-606485
Inj Date : 03-MAY-2011 23:11 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : LCS-606485
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119405.b\L8260BNW.m
Meth Date : 03-May-2011 22:53 eon Quant Type: ISTD
Cal Date : 02-MAY-2011 20:37 Cal File: L9397.D
Als bottle: 2 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.217	4.217	(1.000)	1073344	25.0000	
2	Dichlorodifluoromethane	85	0.989	0.989	(0.235)	85684	23.2616	23
3	Chloromethane	50	1.088	1.087	(0.258)	146384	19.5522	20
4	Vinyl Chloride	62	1.117	1.117	(0.265)	124653	19.6507	20
5	Bromomethane	94	1.265	1.265	(0.300)	109918	29.8292	30
6	Chloroethane	64	1.324	1.324	(0.314)	83593	29.4704	29
7	Trichlorofluoromethane	101	1.383	1.383	(0.328)	188754	23.2267	23
8	Dichlorofluoromethane	67	1.403	1.402	(0.333)	201970	21.4590	21
9	Ethyl Ether	45	1.521	1.520	(0.361)	87047	20.1617	20
10	Ethanol	45	1.570	1.570	(0.372)	75138	203.078	200
12	Freon 123	67	1.639	1.639	(0.389)	34199	22.8579	23
13	Trichlorotrifluoroethane	101	1.639	1.639	(0.389)	129977	21.4938	21
14	1,1-Dichloroethene	96	1.629	1.629	(0.386)	123041	21.6063	22
15	Carbon Disulfide	76	1.658	1.658	(0.393)	449689	22.3990	22
16	Iodomethane	142	1.717	1.717	(0.407)	182737	22.4166	22
17	Acrolein	56	1.806	1.806	(0.428)	438023	96.9221	97
19	3-Chloro-1-Propene	41	1.875	1.875	(0.445)	248203	20.5012	20
20	Methylene Chloride	84	1.934	1.934	(0.459)	190205	19.5566	20
21	Acetone	43	1.964	1.963	(0.466)	83219	22.7804	23
22	trans-1,2-Dichloroethene	96	2.032	2.032	(0.482)	159663	20.5659	20
23	Methyl Acetate	43	2.023	2.022	(0.480)	990957	20.0554	20
24	Methyl tert-Butyl Ether	73	2.082	2.081	(0.494)	476627	19.5471	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	25 tert-Butyl alcohol	59	2.131	2.121	(0.505)	128063	101.258	100
	26 Acetonitrile	41	2.259	2.249	(0.536)	857396	271.916	270
	27 Isopropyl ether	45	2.318	2.318	(0.550)	626103	20.1660	20
	28 tert-Butyl ethyl ether	59	2.584	2.583	(0.613)	514685	19.3972	19
	29 2-Chloro-1,3-Butadiene	88	2.416	2.416	(0.573)	138051	22.9057	23
	30 Acrylonitrile	53	2.466	2.465	(0.585)	170465	38.9174	39
	31 1,1-Dichloroethane	63	2.426	2.426	(0.575)	265711	19.7590	20
	32 Vinyl Acetate	43	2.603	2.603	(0.617)	990986	19.6122	20
	33 cis-1,2-Dichloroethene	96	2.849	2.849	(0.676)	191264	19.9064	20
	34 2,2-Dichloropropane	77	2.938	2.938	(0.697)	208817	21.1751	21
	35 Bromochloromethane	128	3.027	3.026	(0.718)	94914	19.4658	19
	37 Cyclohexane	84	3.027	3.026	(0.718)	151184	25.0182	25
	38 Chloroform	83	3.086	3.085	(0.732)	282726	19.7160	20
	39 Ethyl Acetate	43	3.204	3.204	(0.760)	34454	44.2361	44(M)
	40 Methyl Acrylate	55	3.214	3.213	(0.762)	189166	19.3139	19
$	41 Dibromofluoromethane	111	3.263	3.263	(0.774)	169066	24.7002	25
	42 Tetrahydrofuran	42	3.243	3.233	(0.769)	144818	38.3514	38
	43 Carbon Tetrachloride	117	3.223	3.223	(0.764)	155429	20.8855	21
	44 1,1,1-Trichloroethane	97	3.282	3.292	(0.778)	210397	22.5916	22
	45 2-Butanone	43	3.391	3.391	(0.804)	116216	20.2855	20
	46 1,1-Dichloropropene	75	3.410	3.410	(0.809)	191334	23.3582	23
	47 tert-Amyl methyl ether	73	3.834	3.833	(0.909)	488339	19.1717	19
	49 1-Chlorobutane	56	3.469	3.469	(0.823)	259726	20.3596	20
	51 Propionitrile	54	3.725	3.725	(0.883)	320711	197.562	200
	52 Benzene	78	3.686	3.686	(0.874)	611287	20.1059	20
	53 2-Methyl-2-Propenenitrile	41	3.745	3.745	(0.888)	146437	19.6842	20(M)
	54 Isobutyl alcohol	42	3.991	4.001	(0.946)	167464	207.639	210
$	55 1,2-Dichloroethane-d4	65	3.853	3.853	(0.914)	149151	23.5481	24
	56 1,2-Dichloroethane	62	3.942	3.942	(0.935)	194143	19.4785	19
	59 Methyl Cyclohexane	83	4.404	4.404	(1.044)	138915	21.0956	21
	60 Trichloroethene	130	4.424	4.424	(1.049)	150217	21.6609	22
	63 Dibromomethane	93	4.916	4.916	(1.166)	132008	18.3766	18
	64 1,2-Dichloropropane	63	5.034	5.034	(1.194)	167534	19.7506	20
	65 Bromodichloromethane	83	5.123	5.123	(1.215)	215850	19.1798	19
	66 Methyl Methacrylate	69	5.330	5.329	(1.264)	131334	18.0722	18(R)
	67 1,4-Dioxane	58	5.349	5.349	(1.268)	39877	207.122	210
	69 2-Chloroethylvinylether	63	5.773	5.772	(1.369)	305220	19.7138	20
	70 cis-1,3-Dichloropropene	75	5.802	5.802	(1.376)	266833	18.9191	19
	71 Chloroacetonitrile	48	6.225	6.215	(1.476)	86876	186.636	190(R)
	72 2-Nitropropane	41	6.275	6.274	(1.488)	107415	39.1775	39
	73 trans-1,3-Dichloropropene	75	6.471	6.471	(1.534)	251515	19.4222	19
	74 1,1,2-Trichloroethane	97	6.619	6.619	(1.569)	167932	19.3430	19
*	75 Chlorobenzene-d5	117	7.465	7.465	(1.000)	752769	25.0000	
	76 Toluene	91	6.038	6.038	(0.809)	617831	19.7975	20
$	77 Toluene-d8	98	5.989	5.989	(0.802)	571669	26.0776	26
	78 1,1-Dichloro-2-propanone	43	6.294	6.294	(0.843)	613804	96.9664	97
	79 4-Methyl-2-Pentanone	43	6.442	6.442	(0.863)	220258	18.8129	19
	80 Tetrachloroethene	164	6.422	6.422	(0.860)	98436	22.4385	22
	81 Ethyl Methacrylate	69	6.668	6.668	(0.893)	240354	18.9671	19
	82 Dibromochloromethane	129	6.777	6.776	(0.908)	177549	18.7888	19
	83 1,3-Dichloropropane	76	6.875	6.875	(0.921)	268867	18.6664	19
	84 1,2-Dibromoethane	107	6.973	6.973	(0.934)	190516	18.7559	19
	86 2-Hexanone	43	7.249	7.249	(0.971)	169071	20.0274	20
	87 1-Chlorohexane	91	7.495	7.495	(1.004)	193121	21.6180	22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
88	Chlorobenzene	112	7.475	7.475	(1.001)	396285	19.4720	19
89	1,1,1,2-Tetrachloroethane	131	7.554	7.554	(1.012)	137229	18.5632	18
90	Ethylbenzene	106	7.525	7.524	(1.008)	175901	19.4944	19
91	Xylene (total)mp	106	7.662	7.662	(1.026)	449981	40.2044	40
92	Xylene (total)o	106	8.036	8.036	(1.076)	226976	19.8920	20
93	Styrene	104	8.086	8.085	(1.083)	409062	19.3943	19
94	Bromoform	173	8.095	8.095	(1.084)	132302	18.2710	18
* 95	1,4-Dichlorobenzene-d4	152	9.532	9.532	(1.000)	329144	25.0000	
96	Isopropylbenzene	105	8.322	8.322	(0.873)	443101	20.1709	20
97	Bromobenzene	156	8.637	8.637	(0.906)	167529	18.7201	19
98	1,1,2,2-Tetrachloroethane	83	8.765	8.765	(0.919)	254508	18.8203	19
99	4-Ethyltoluene	105	8.794	8.794	(0.923)	462299	20.0927	20
100	1,2,3-Trichloropropane	110	8.863	8.863	(0.930)	65777	18.7454	19
101	trans-1,4-Dichloro-2-Butene	53	8.912	8.912	(0.935)	114744	37.3508	37
102	n-Propylbenzene	91	8.686	8.686	(0.911)	553289	19.6654	20
103	2-Chlorotoluene	91	8.804	8.804	(0.924)	426772	19.5687	20
104	4-Chlorotoluene	91	8.952	8.952	(0.939)	395472	18.7027	19
105	1,3,5-Trimethylbenzene	105	8.873	8.873	(0.931)	375980	20.2616	20
106	tert-Butylbenzene	119	9.139	9.139	(0.959)	273274	19.9274	20
107	1,2,4-Trimethylbenzene	105	9.198	9.198	(0.965)	390930	19.8082	20
108	sec-Butylbenzene	105	9.296	9.296	(0.975)	445332	20.2501	20
109	4-Isopropyltoluene	119	9.424	9.424	(0.989)	341815	19.9602	20
110	1,3-Dichlorobenzene	146	9.464	9.463	(0.993)	240155	19.4868	19
111	1,4-Dichlorobenzene	146	9.542	9.542	(1.001)	248756	18.9829	19
112	1,2-Dichlorobenzene	146	9.906	9.906	(1.039)	235200	18.4042	18
113	Benzyl Chloride	126	9.769	9.768	(1.025)	81220	19.3130	19
114	1,4-Diethylbenzene	119	9.739	9.739	(2.309)	173027	20.5373	20
115	n-Butylbenzene	91	9.788	9.788	(1.027)	455815	11.2189	11(M)
118	1,2,4,5-Tetramethylbenzene	119	10.438	10.448	(2.475)	328727	19.8617	20
119	1,2-Dibromo-3-chloropropane	75	10.605	10.605	(1.113)	35523	18.5263	18
120	Nitrobenzene	77	11.088	11.087	(1.163)	179356	166.325	170
121	1,2,4-Trichlorobenzene	180	11.196	11.196	(1.174)	141927	17.7201	18
122	Hexachlorobutadiene	225	11.186	11.186	(1.173)	48183	13.4093	13
123	Naphthalene	128	11.471	11.471	(1.203)	462647	17.7370	18
124	1,2,3-Trichlorobenzene	180	11.639	11.639	(1.221)	137383	17.5579	18
$ 125	Bromofluorobenzene	95	8.558	8.558	(0.898)	227916	23.3395	23
M 126	1,2-Dichloroethene (total)	100				350927	40.4723	40
M 127	Xylene (total)	100				676957	60.0964	60

QC Flag Legend

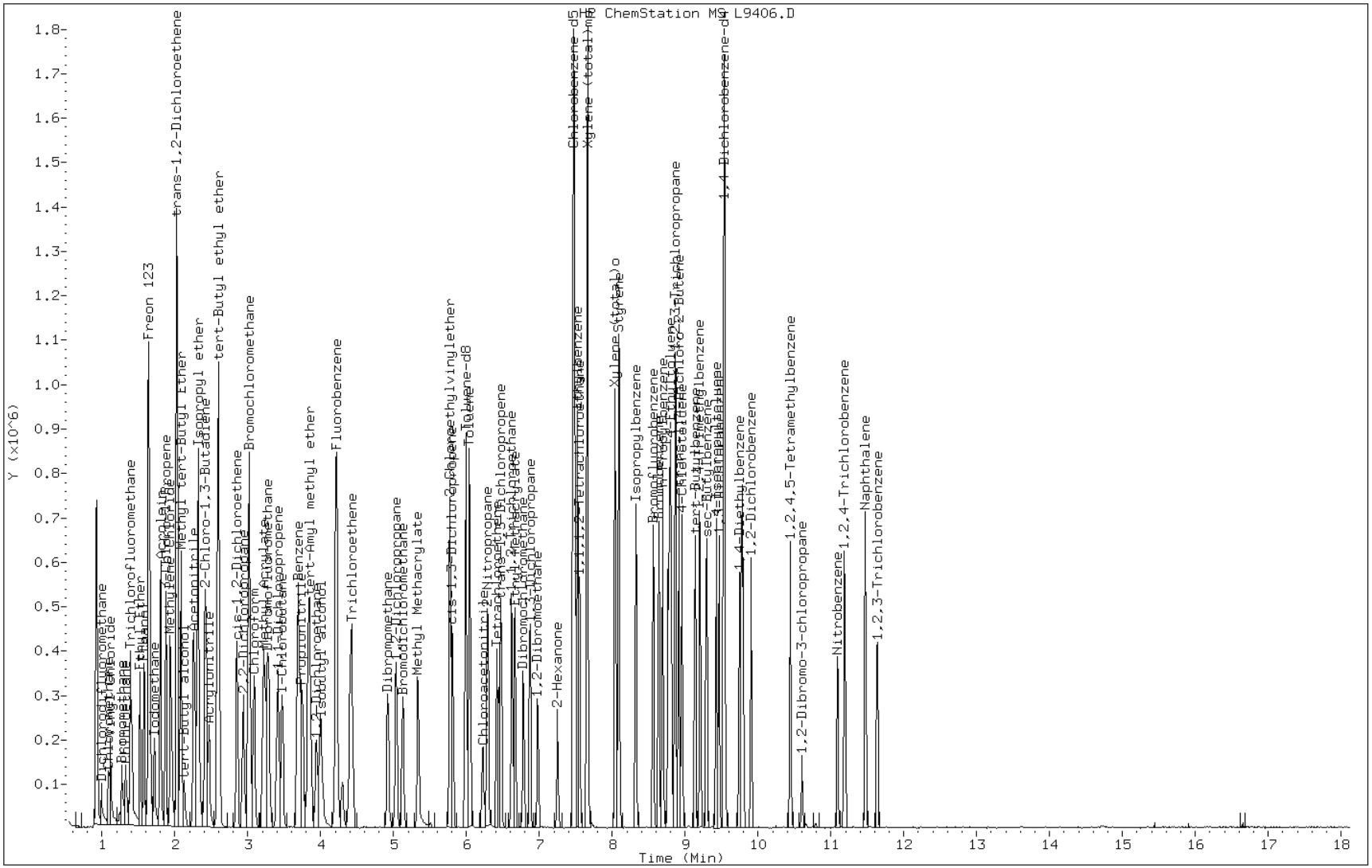
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: L9406.D

Date: 03-MAY-2011 23:11

Client ID: LCS-606485 Instrument: msl.i

Sample Info: LCS-606485 Operator: E. LYNCH



Manual Integration Report

Data File: L9406.D
Inj. Date and Time: 03-MAY-2011 23:11
Instrument ID: msl.i
Client ID: LCS-606485
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/04/2011

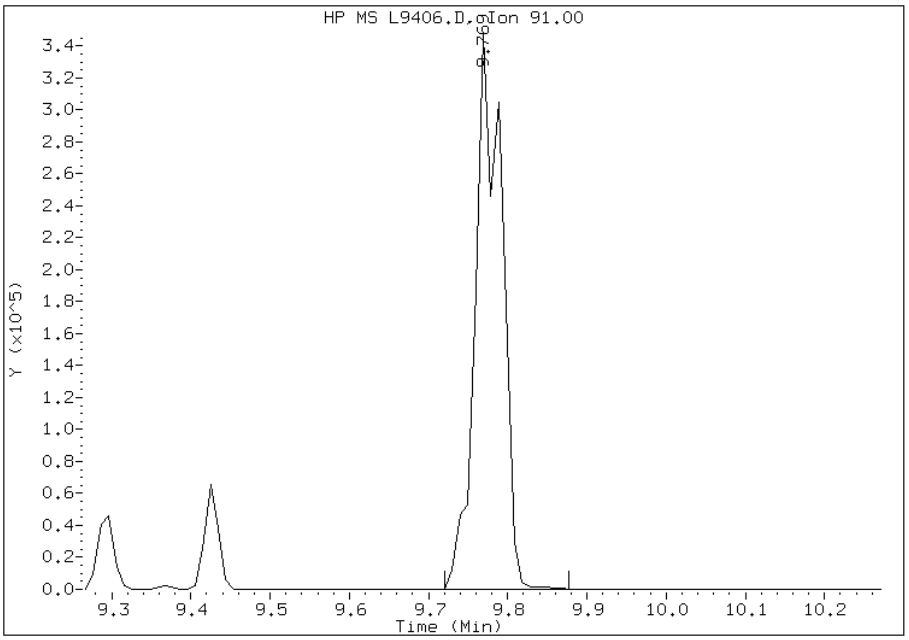
Processing Integration Results

RT: 9.77

Response: 835051

Amount: 21

Conc: 21



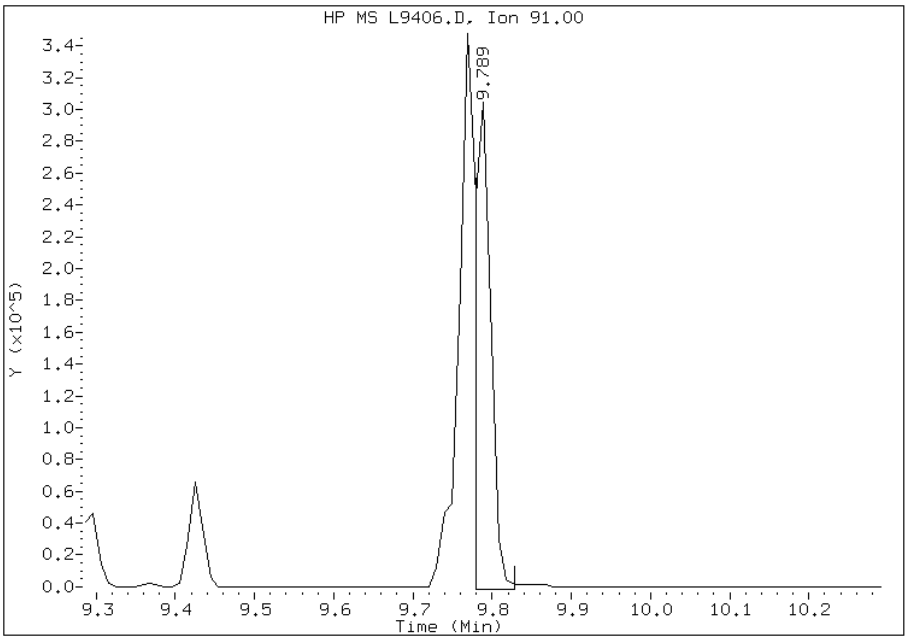
Manual Integration Results

RT: 9.79

Response: 455815

Amount: 11

Conc: 11



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSL Start Date: 05/02/2011 18:16

Analysis Batch Number: 50337 End Date: 05/02/2011 20:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-50337/7		05/02/2011 18:16	1	LB714.D	RTX-VMS 0.18(mm)
IC 220-50337/1		05/02/2011 18:36	1	L9392.D	RTX-VMS 0.18(mm)
IC 220-50337/2		05/02/2011 19:00	1	L9393.D	RTX-VMS 0.18(mm)
IC 220-50337/3		05/02/2011 19:25	1	L9394.D	RTX-VMS 0.18(mm)
IC 220-50337/4		05/02/2011 19:49	1	L9395.D	RTX-VMS 0.18(mm)
IC 220-50337/5		05/02/2011 20:13	1	L9396.D	RTX-VMS 0.18(mm)
IC 220-50337/6		05/02/2011 20:37	1	L9397.D	RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSL Start Date: 05/03/2011 22:09

Analysis Batch Number: 50397 End Date: 05/04/2011 09:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-50397/4		05/03/2011 22:09	1	LB715.D	RTX-VMS 0.18(mm)
CCVIS 220-50397/1		05/03/2011 22:36	1	L9405.D	RTX-VMS 0.18(mm)
LCS 220-50397/2		05/03/2011 23:11	1	L9406.D	RTX-VMS 0.18(mm)
MB 220-50397/3		05/04/2011 00:01	1	L9408.D	RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 00:38	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 01:02	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 01:26	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 03:04	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 03:28	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 05:06	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 05:30	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 05:55	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 06:19	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 06:43	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 07:07	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 07:31	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 07:56	1		RTX-VMS 0.18(mm)
ZZZZZ		05/04/2011 08:20	1		RTX-VMS 0.18(mm)
220-15334-3	Trip Blank	05/04/2011 08:44	1	L9429.D	RTX-VMS 0.18(mm)
220-15334-4	MW-X	05/04/2011 09:08	1	L9430.D	RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSO Start Date: 05/02/2011 10:07

Analysis Batch Number: 50349 End Date: 05/02/2011 21:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-50349/10		05/02/2011 10:07	1	OB988.D	RTX-VMS 0.18(mm)
CCVIS 220-50349/1		05/02/2011 10:37	1	O3682.D	RTX-VMS 0.18(mm)
LCS 220-50349/2		05/02/2011 11:27	1	O3683.D	RTX-VMS 0.18(mm)
MB 220-50349/3		05/02/2011 13:00	1	O3686.D	RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 13:40	1		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 14:06	1		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 14:34	1		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 15:14	2		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 16:20	2		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 17:04	2		RTX-VMS 0.18(mm)
220-15334-1	SB-UST-4,2'-3'	05/02/2011 18:45	1	O3697.D	RTX-VMS 0.18(mm)
220-15334-2	SB/MW-UST-5,3'-5'	05/02/2011 19:10	1	O3698.D	RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 19:36	1		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 20:01	1		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 20:26	1		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 20:51	1		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 21:17	1		RTX-VMS 0.18(mm)
ZZZZZ		05/02/2011 21:42	1		RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSO Start Date: 04/29/2011 12:54

Analysis Batch Number: 50432 End Date: 04/29/2011 18:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-50432/9		04/29/2011 12:54	1	OB986.D	RTX-VMS 0.18(mm)
IC 220-50432/1		04/29/2011 14:23	1	O3673.D	RTX-VMS 0.18(mm)
IC 220-50432/2		04/29/2011 15:20	1	O3674.D	RTX-VMS 0.18(mm)
IC 220-50432/3		04/29/2011 15:46	1	O3675.D	RTX-VMS 0.18(mm)
IC 220-50432/4		04/29/2011 16:11	1	O3676.D	RTX-VMS 0.18(mm)
IC 220-50432/5		04/29/2011 16:36	1	O3677.D	RTX-VMS 0.18(mm)
IC 220-50432/6		04/29/2011 17:02	1	O3678.D	RTX-VMS 0.18(mm)
ICV 220-50432/8		04/29/2011 18:09	1		RTX-VMS 0.18(mm)

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): ZB-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPH #
SB-UST-4,2'-3'	220-15334-1	72	75	134 *
SB/MW-UST-5,3'-5'	220-15334-2	67	64	111
	MB 220-50282/1-A	80	81	76
	LCS 220-50282/2-A	88	85	83

	QC LIMITS
NBZ = Nitrobenzene-d5	38-120
FBP = 2-Fluorobiphenyl	41-120
TPH = Terphenyl-d14	32-125

Column to be used to flag recovery values

FORM II 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RXi-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPH #
MW-X	220-15334-4	62	66	79
	MB 220-50206/1-A	54	57	66
	LCS 220-50206/2-A	68	73	88

	QC LIMITS
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TPH = Terphenyl-d14	10-120

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Matrix: Water Level: Low Lab File ID: Z19897.D

Lab ID: LCS 220-50206/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	40.0	25.7	64	42-120	
Acenaphthene	40.0	29.4	73	52-120	
Fluorene	40.0	33.9	85	61-120	
Phenanthrene	40.0	30.7	77	63-120	
Anthracene	40.0	30.5	76	60-120	
Pyrene	40.0	34.1	85	62-120	
Benzo[a]anthracene	40.0	35.5	89	60-120	
Chrysene	40.0	35.4	89	59-120	
Benzo[b]fluoranthene	40.0	41.3	103	59-120	
Benzo[k]fluoranthene	40.0	40.8	102	58-120	
Benzo[a]pyrene	40.0	37.6	94	51-120	
Indeno[1,2,3-cd]pyrene	40.0	32.5	81	48-120	
Dibenz(a,h)anthracene	40.0	36.9	92	47-120	
Benzo[g,h,i]perylene	40.0	38.6	97	48-120	
Fluoranthene	40.0	34.5	86	56-120	
Acenaphthylene	40.0	31.3	78	52-120	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: C23018.D

Lab ID: LCS 220-50282/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Naphthalene	2670	2300	86	55-120	
Acenaphthene	2670	2240	84	57-120	
Fluorene	2670	2300	86	58-120	
Phenanthrene	2670	2230	84	58-120	
Anthracene	2670	2230	83	58-120	
Pyrene	2670	2240	84	54-121	
Benzo[a]anthracene	2670	2330	88	58-120	
Chrysene	2670	2310	87	57-120	
Benzo[b]fluoranthene	2670	2390	90	54-120	
Benzo[k]fluoranthene	2670	2460	92	53-120	
Benzo[a]pyrene	2670	2260	85	44-120	
Indeno[1,2,3-cd]pyrene	2670	1690	63	37-120	
Dibenz(a,h)anthracene	2670	1780	67	39-120	
Benzo[g,h,i]perylene	2670	1690	64	37-120	
Fluoranthene	2670	2260	85	57-120	
Acenaphthylene	2670	2210	83	57-120	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: Z19896.D Lab Sample ID: MB 220-50206/1-A

Matrix: Water Date Extracted: 04/28/2011 13:57

Instrument ID: MSZ Date Analyzed: 05/04/2011 11:40

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-50206/2-A	Z19897.D	05/04/2011 12:07
MW-X	220-15334-4	Z19917.D	05/04/2011 21:17

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: C23017.D Lab Sample ID: MB 220-50282/1-A

Matrix: Solid Date Extracted: 05/02/2011 06:45

Instrument ID: MSC Date Analyzed: 05/02/2011 11:25

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-50282/2-A	C23018.D	05/02/2011 11:53
SB-UST-4,2'-3'	220-15334-1	C23084.D	05/04/2011 17:15
SB/MW-UST-5,3'-5'	220-15334-2	C23085.D	05/04/2011 17:44

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: Cs22987.D DFTPP Injection Date: 04/29/2011

Instrument ID: MSC DFTPP Injection Time: 10:32

Analysis Batch No.: 50312

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	34.9	
68	Less than 2.0 % of mass 69	0.5	(1.4)1
69	Mass 69 relative abundance	37.4	
70	Less than 2.0 % of mass 69	0.1	(0.2)1
127	40.0 - 60.0 % of mass 198	48.9	
197	Less than 1.0 % of mass 198	0.2	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	19.6	
365	Greater than 1.0 % of mass 198	2.3	
441	Present but less than mass 443	7.5	
442	Greater than 40.0 % of mass 198	54.8	
443	17.0 - 23.0 % of mass 442	11.2	(20.4)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 220-50312/1	C22988.D	04/29/2011	11:04
	IC 220-50312/2	C22989.D	04/29/2011	11:33
	IC 220-50312/3	C22990.D	04/29/2011	12:02
	IC 220-50312/4	C22991.D	04/29/2011	12:31
	IC 220-50312/5	C22992.D	04/29/2011	13:00
	IC 220-50312/6	C22993.D	04/29/2011	13:29
	IC 220-50312/7	C22994.D	04/29/2011	13:58

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: Cs23013.D DFTPP Injection Date: 05/02/2011

Instrument ID: MSC DFTPP Injection Time: 09:19

Analysis Batch No.: 50341

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	37.6	
68	Less than 2.0 % of mass 69	0.5	(1.3)1
69	Mass 69 relative abundance	40.4	
70	Less than 2.0 % of mass 69	0.2	(0.6)1
127	40.0 - 60.0 % of mass 198	53.0	
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	19.8	
365	Greater than 1.0 % of mass 198	2.3	
441	Present but less than mass 443	7.5	
442	Greater than 40.0 % of mass 198	57.6	
443	17.0 - 23.0 % of mass 442	11.4	(19.9)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-50341/1	C23014.D	05/02/2011	09:48
	MB 220-50282/1-A	C23017.D	05/02/2011	11:25
	LCS 220-50282/2-A	C23018.D	05/02/2011	11:53

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: Cs23038.D DFTPP Injection Date: 05/03/2011

Instrument ID: MSC DFTPP Injection Time: 07:34

Analysis Batch No.: 50399

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	35.9	
68	Less than 2.0 % of mass 69	0.7	(1.7)1
69	Mass 69 relative abundance	38.2	
70	Less than 2.0 % of mass 69	0.2	(0.4)1
127	40.0 - 60.0 % of mass 198	52.0	
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.9	
275	10.0 - 30.0 % of mass 198	20.9	
365	Greater than 1.0 % of mass 198	2.6	
441	Present but less than mass 443	8.5	
442	Greater than 40.0 % of mass 198	63.4	
443	17.0 - 23.0 % of mass 442	12.0	(19.0)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 220-50399/1	C23039.D	05/03/2011	08:03
	IC 220-50399/2	C23040.D	05/03/2011	08:33
	IC 220-50399/3	C23041.D	05/03/2011	09:02
	IC 220-50399/4	C23042.D	05/03/2011	09:31
	IC 220-50399/5	C23043.D	05/03/2011	10:03
	IC 220-50399/6	C23044.D	05/03/2011	10:36
	IC 220-50399/7	C23045.D	05/03/2011	11:10

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: Cs23064.D DFTPP Injection Date: 05/04/2011

Instrument ID: MSC DFTPP Injection Time: 07:31

Analysis Batch No.: 50455

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	38.0	
68	Less than 2.0 % of mass 69	0.7	(1.7)1
69	Mass 69 relative abundance	40.2	
70	Less than 2.0 % of mass 69	0.2	(0.6)1
127	40.0 - 60.0 % of mass 198	53.0	
197	Less than 1.0 % of mass 198	0.5	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.5	
275	10.0 - 30.0 % of mass 198	19.8	
365	Greater than 1.0 % of mass 198	2.4	
441	Present but less than mass 443	8.8	
442	Greater than 40.0 % of mass 198	62.9	
443	17.0 - 23.0 % of mass 442	12.0	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-50455/1	C23065.D	05/04/2011	08:00
SB-UST-4,2'-3'	220-15334-1	C23084.D	05/04/2011	17:15
SB/MW-UST-5,3'-5'	220-15334-2	C23085.D	05/04/2011	17:44

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: Zs19809.D DFTPP Injection Date: 04/29/2011

Instrument ID: MSZ DFTPP Injection Time: 07:47

Analysis Batch No.: 50284

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	58.7	
68	Less than 2.0 % of mass 69	0.6	(1.2)1
69	Mass 69 relative abundance	46.7	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	55.6	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	7.0	
275	10.0 - 30.0 % of mass 198	24.9	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	14.1	
442	Greater than 40.0 % of mass 198	95.9	
443	17.0 - 23.0 % of mass 442	18.5	(19.3)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 220-50284/1	Z19810.D	04/29/2011	08:18
	IC 220-50284/2	Z19811.D	04/29/2011	08:48
	IC 220-50284/3	Z19812.D	04/29/2011	09:15
	IC 220-50284/4	Z19813.D	04/29/2011	09:43
	IC 220-50284/5	Z19814.D	04/29/2011	10:11
	IC 220-50284/6	Z19815.D	04/29/2011	10:38
	IC 220-50284/7	Z19816.D	04/29/2011	11:06

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab File ID: Zs19892.D DFTPP Injection Date: 05/04/2011

Instrument ID: MSZ DFTPP Injection Time: 10:04

Analysis Batch No.: 50456

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	54.1	
68	Less than 2.0 % of mass 69	0.8	(1.7)1
69	Mass 69 relative abundance	46.4	
70	Less than 2.0 % of mass 69	0.3	(0.6)1
127	40.0 - 60.0 % of mass 198	53.2	
197	Less than 1.0 % of mass 198	0.0	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	27.7	
365	Greater than 1.0 % of mass 198	4.3	
441	Present but less than mass 443	14.0	
442	Greater than 40.0 % of mass 198	98.0	
443	17.0 - 23.0 % of mass 442	18.8	(19.2)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-50456/1	Z19893.D	05/04/2011	10:33
	MB 220-50206/1-A	Z19896.D	05/04/2011	11:40
	LCS 220-50206/2-A	Z19897.D	05/04/2011	12:07
MW-X	220-15334-4	Z19917.D	05/04/2011	21:17

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Sample No.: CCVIS 220-50341/1 Date Analyzed: 05/02/2011 09:48

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): C23014.D Heated Purge: (Y/N) N

Calibration ID: 10514

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		694816	4.72	2822837	6.08	1637277	7.94
UPPER LIMIT		1389632	5.22	5645674	6.58	3274554	8.44
LOWER LIMIT		347408	4.22	1411419	5.58	818639	7.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-50282/1-A		775025	4.73	3128695	6.08	1806817	7.93
LCS 220-50282/2-A		741785	4.73	2957395	6.08	1738044	7.94

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Sample No.: CCVIS 220-50341/1 Date Analyzed: 05/02/2011 09:48

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): C23014.D Heated Purge: (Y/N) N

Calibration ID: 10514

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2541126	9.51	2212504	12.36	1160642	14.46
UPPER LIMIT		5082252	10.01	4425008	12.86	2321284	14.96
LOWER LIMIT		1270563	9.01	1106252	11.86	580321	13.96
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-50282/1-A		2714479	9.50	2731412	12.34	2313778	14.46
LCS 220-50282/2-A		2705950	9.50	2582575	12.36	1414249	14.46

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Sample No.: CCVIS 220-50455/1 Date Analyzed: 05/04/2011 08:00

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): C23065.D Heated Purge: (Y/N) N

Calibration ID: 10526

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		849734	4.69	3291008	6.05	1798707	7.91
UPPER LIMIT		1699468	5.19	6582016	6.55	3597414	8.41
LOWER LIMIT		424867	4.19	1645504	5.55	899354	7.41
LAB SAMPLE ID	CLIENT SAMPLE ID						
220-15334-1	SB-UST-4,2'-3'	896972	4.69	3449127	6.05	2002359	7.90
220-15334-2	SB/MW-UST-5,3'-5'	906263	4.70	3572158	6.05	2101991	7.91

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Sample No.: CCVIS 220-50455/1 Date Analyzed: 05/04/2011 08:00

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): C23065.D Heated Purge: (Y/N) N

Calibration ID: 10526

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2602732	9.47	2069857	12.31	1045821	14.39
UPPER LIMIT		5205464	9.97	4139714	12.81	2091642	14.89
LOWER LIMIT		1301366	8.97	1034929	11.81	522911	13.89
LAB SAMPLE ID	CLIENT SAMPLE ID						
220-15334-1	SB-UST-4,2'-3'	2993170	9.47	1558972	12.30	696625	14.39
220-15334-2	SB/MW-UST-5,3'-5'	3368661	9.47	1519973	12.30	613808	14.39

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Sample No.: CCVIS 220-50456/1 Date Analyzed: 05/04/2011 10:33

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm)

Lab File ID (Standard): Z19893.D Heated Purge: (Y/N) N

Calibration ID: 10511

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		83875	4.63	374908	5.99	241764	7.84
UPPER LIMIT		167750	5.13	749816	6.49	483528	8.34
LOWER LIMIT		41938	4.13	187454	5.49	120882	7.34
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-50206/1-A		107059	4.62	468625	5.98	298629	7.83
LCS 220-50206/2-A		100784	4.63	448615	5.99	290028	7.84
220-15334-4	MW-X	109825	4.62	490836	5.98	309544	7.83

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Sample No.: CCVIS 220-50456/1 Date Analyzed: 05/04/2011 10:33

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm)

Lab File ID (Standard): Z19893.D Heated Purge: (Y/N) N

Calibration ID: 10511

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		473071	9.39	524867	12.22	282466	14.25
UPPER LIMIT		946142	9.89	1049734	12.72	564932	14.75
LOWER LIMIT		236536	8.89	262434	11.72	141233	13.75
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-50206/1-A		554672	9.39	611603	12.21	462133	14.25
LCS 220-50206/2-A		556200	9.40	608725	12.22	332999	14.25
220-15334-4	MW-X	576811	9.39	552753	12.21	338107	14.25

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: SB-UST-4,2'-3' | Lab Sample ID: 220-15334-1

Matrix: Solid | Lab File ID: C23084.D

Analysis Method: 8270C | Date Collected: 04/27/2011 10:30

Extract. Method: 3541 | Date Extracted: 05/02/2011 06:45

Sample wt/vol: 15.02(g) | Date Analyzed: 05/04/2011 17:15

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 4

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 9.8 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50455 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	89	J	1200	62
83-32-9	Acenaphthene	510	J	1200	71
86-73-7	Fluorene	400	J	1200	72
85-01-8	Phenanthrene	4100		1200	59
120-12-7	Anthracene	1100	J	1200	46
129-00-0	Pyrene	7600		1200	56
56-55-3	Benzo[a]anthracene	2900		1200	43
218-01-9	Chrysene	2700		1200	88
205-99-2	Benzo[b]fluoranthene	2900		1200	32
207-08-9	Benzo[k]fluoranthene	1100	J	1200	110
50-32-8	Benzo[a]pyrene	2700		1200	32
193-39-5	Indeno[1,2,3-cd]pyrene	2600		1200	77
53-70-3	Dibenz(a,h)anthracene	970	J	1200	94
191-24-2	Benzo[g,h,i]perylene	2500		1200	78
206-44-0	Fluoranthene	5300		1200	59
208-96-8	Acenaphthylene	68	J	1200	58

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	72		38-120
321-60-8	2-Fluorobiphenyl	75		41-120
1718-51-0	Terphenyl-d14	134	*	32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123064.b\C23084.D
Lab Smp Id: 220-15334-B-1-A Client Smp ID: SB-UST-4,2'-3'
Inj Date : 04-MAY-2011 17:15
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-15334-B-1-A;4
Misc Info : 220-15334-B-1-A
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123064.b\MSC-8270C.m
Meth Date : 04-May-2011 08:22 stephan Quant Type: ISTD
Cal Date : 03-MAY-2011 08:03 Cal File: C23039.D
Als bottle: 19
Dil Factor: 4.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	4.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.020	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	9.780	% Moisture
Cpnd Variable		Local Compound Variable

			QUANT SIG					CONCENTRATIONS	
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	1	1,4-Dichlorobenzene-d4	152	4.693	4.693	(1.000)	896972	20.0000	
$	2	2-Fluorophenol	112	3.257	3.245	(0.694)	815105	13.3889	4000
$	3	Phenol-d5	99	4.379	4.391	(0.933)	1010696	14.2002	4200
	128	Benzaldehyde	77	4.218	4.213	(0.899)	5319	0.68119	200
*	20	Naphthalene-d8	136	6.052	6.052	(1.000)	3449127	20.0000	
$	21	Nitrobenzene-d5	82	5.293	5.299	(0.874)	518592	8.98973	2700
	30	Naphthalene	128	6.070	6.076	(1.003)	48155	0.30277	89
	34	2-Methylnaphthalene	142	6.812	6.818	(1.125)	25528	0.23374	69
*	35	Acenaphthene-d10	164	7.904	7.910	(1.000)	2002359	20.0000	
$	40	2-Fluorobiphenyl	172	7.216	7.216	(0.913)	1020712	9.39593	2800
	43	Acenaphthylene	152	7.750	7.756	(0.980)	37499	0.22903	68
	46	Acenaphthene	153	7.940	7.946	(1.004)	170411	1.71499	510
	49	Dibenzofuran	168	8.118	8.130	(1.027)	84214	0.62026	180
	52	Fluorene	166	8.480	8.486	(1.073)	153473	1.34506	400
$	56	2,4,6-Tribromophenol	330	8.735	8.741	(1.105)	206112	15.2179	4500
*	57	Phenanthrene-d10	188	9.465	9.471	(1.000)	2993170	20.0000	
	64	Phenanthrene	178	9.489	9.495	(1.002)	2125350	13.9912	4100
	65	Carbazole	167	9.720	9.726	(1.027)	140488	0.96592	290

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	66 Anthracene	178	9.542	9.548	(1.008)	600757	3.85691	1100
	68 Fluoranthene	202	10.747	10.747	(1.135)	2775096	18.0383	5300
*	70 Chrysene-d12	240	12.302	12.308	(1.000)	1558972	20.0000	
	72 Pyrene	202	10.979	10.979	(0.892)	2443224	25.7504	7600
$	73 Terphenyl-d14	244	11.157	11.163	(0.907)	963339	16.7402	4900(R)
	76 Benzo(a)anthracene	228	12.290	12.290	(0.999)	716906	9.83779	2900
	77 Chrysene	228	12.332	12.338	(1.002)	654714	9.23227	2700
	78 Bis(2-Ethylhexyl)phthalate	149	12.362	12.362	(1.005)	21540	0.46918	140
*	79 Perylene-d12	264	14.391	14.392	(1.000)	696625	20.0000	
	81 Benzo(b)fluoranthene	252	13.774	13.774	(0.957)	383762	9.66711	2900
	82 Benzo(k)fluoranthene	252	13.816	13.822	(0.960)	145867	3.74125	1100
	83 Benzo(a)pyrene	252	14.291	14.297	(0.993)	270627	8.99866	2700
	84 Indeno(1,2,3-cd)pyrene	276	16.326	16.326	(1.134)	148643	8.83675	2600
	85 Dibenzo(a,h)anthracene	278	16.368	16.380	(1.137)	40507	3.28634	970
	86 Benzo(g,h,i)perylene	276	16.837	16.837	(1.170)	135971	8.35324	2500

QC Flag Legend

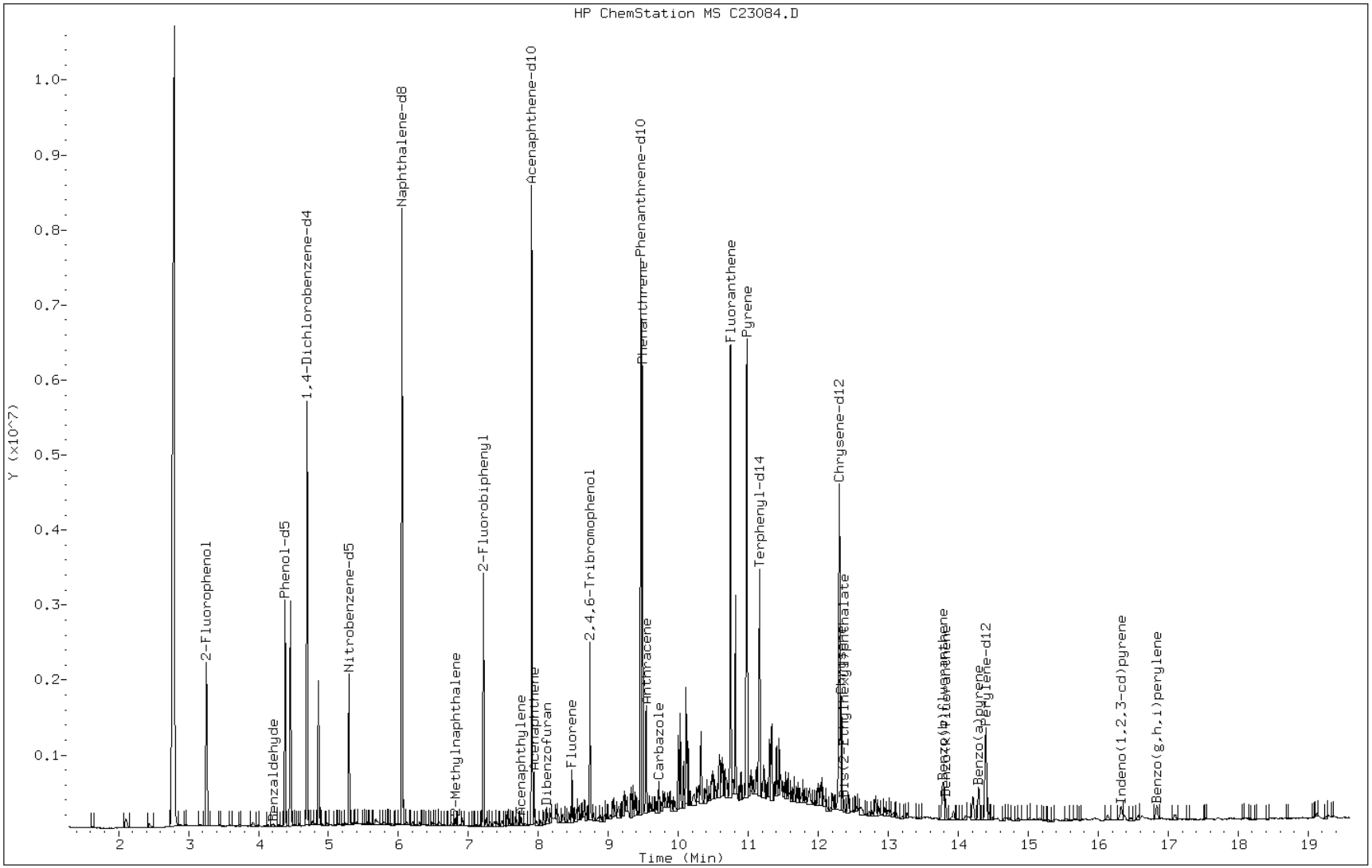
R - Spike/Surrogate failed recovery limits.

Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas



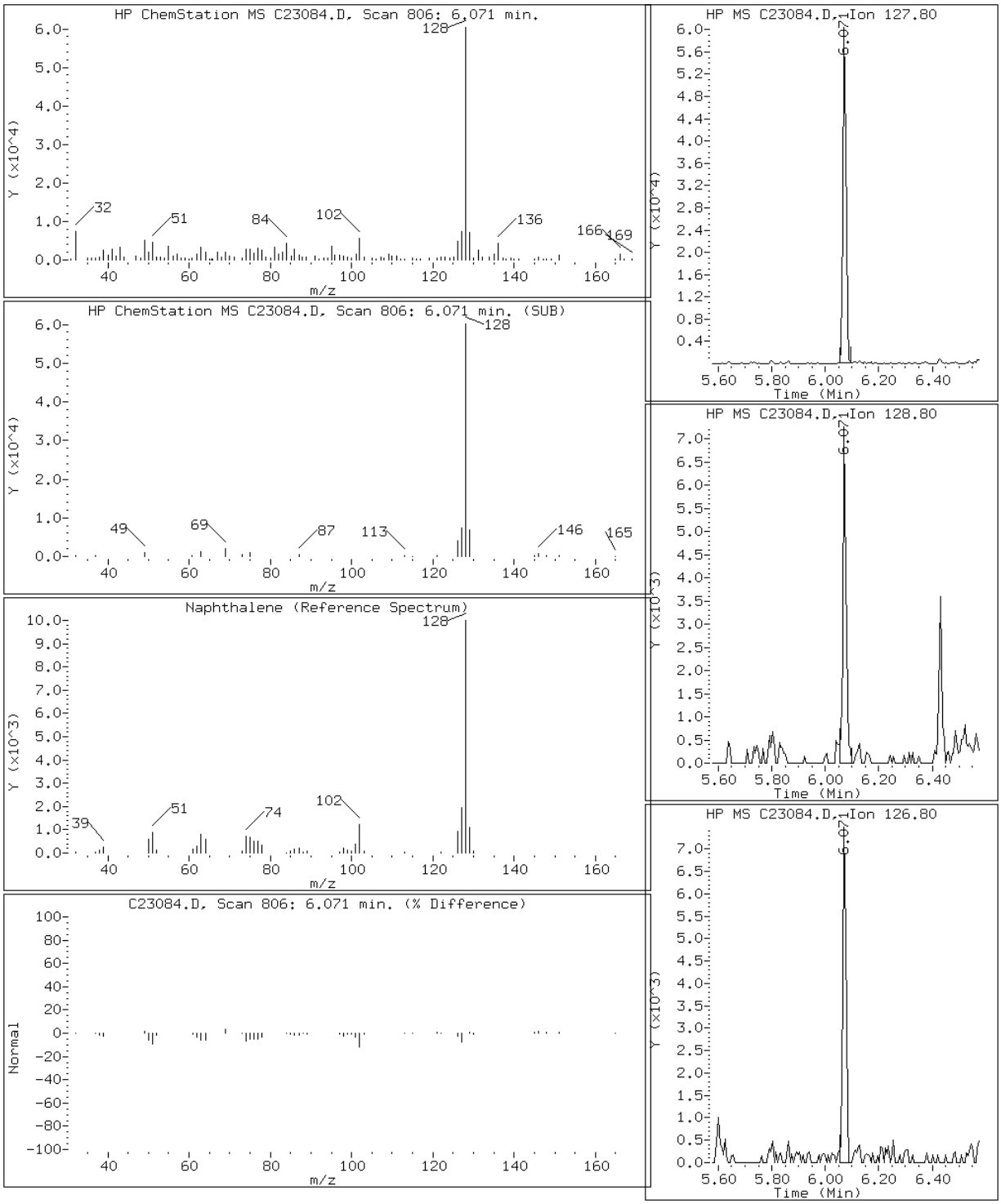
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

30 Naphthalene



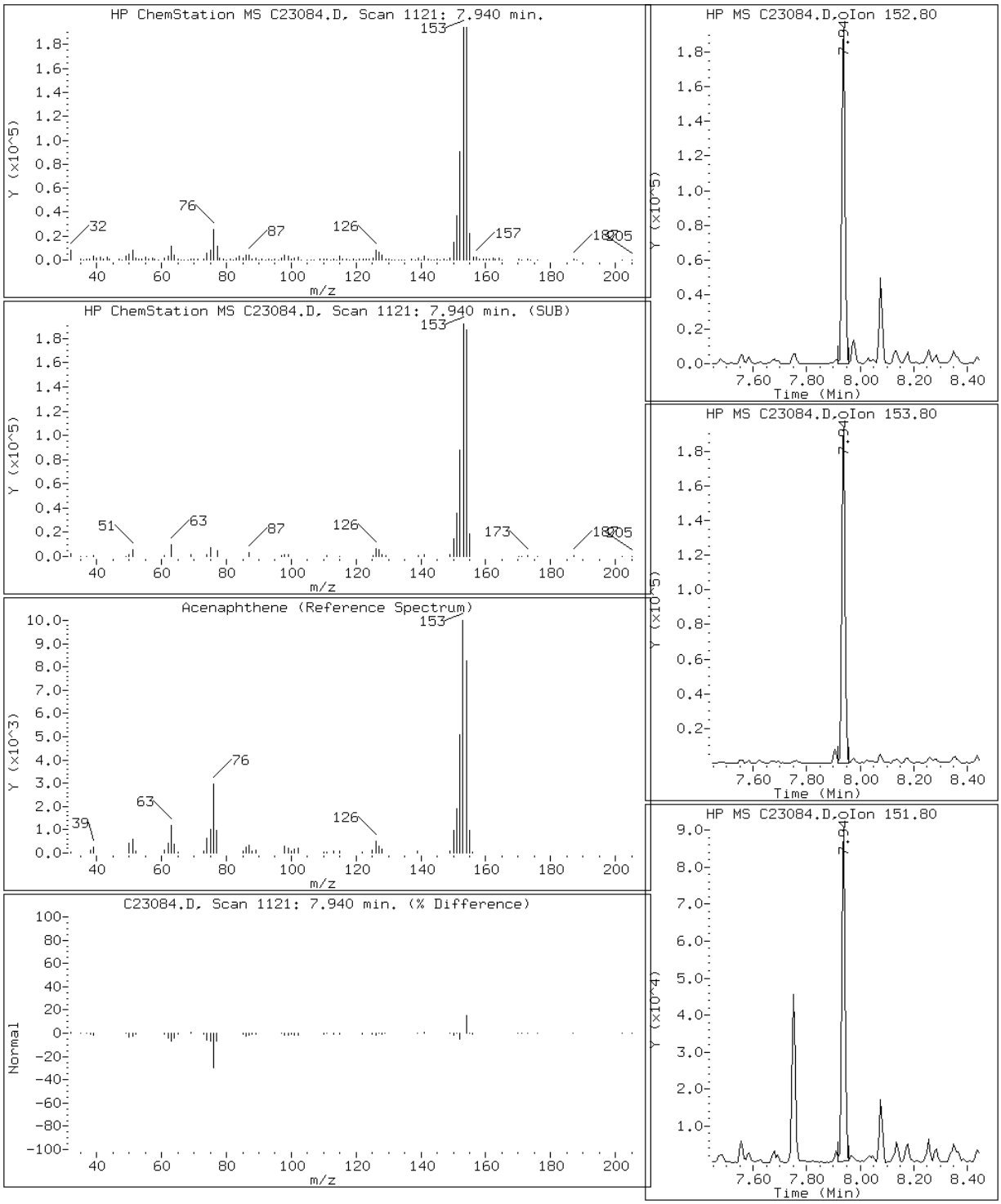
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

46 Acenaphthene



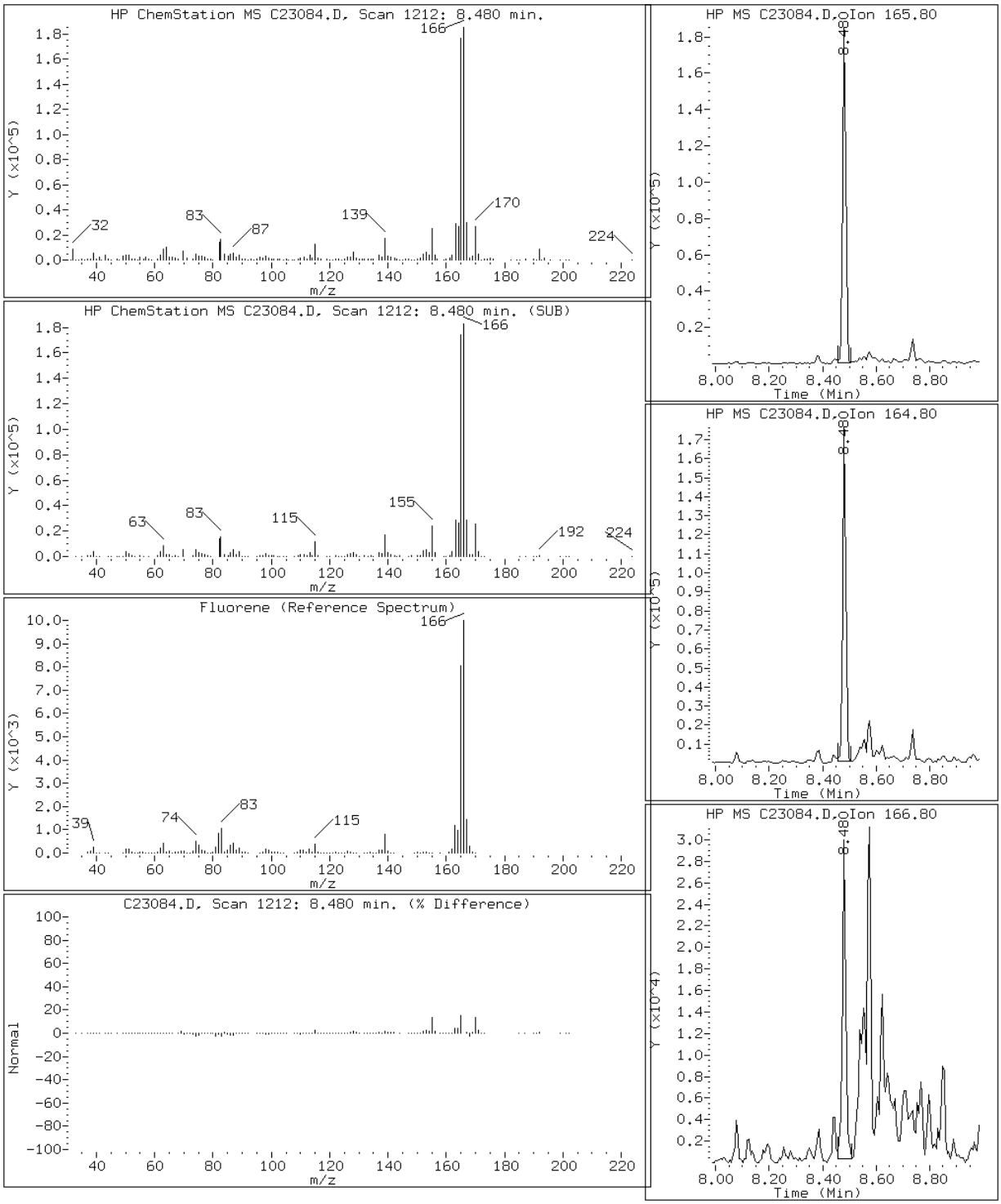
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

52 Fluorene



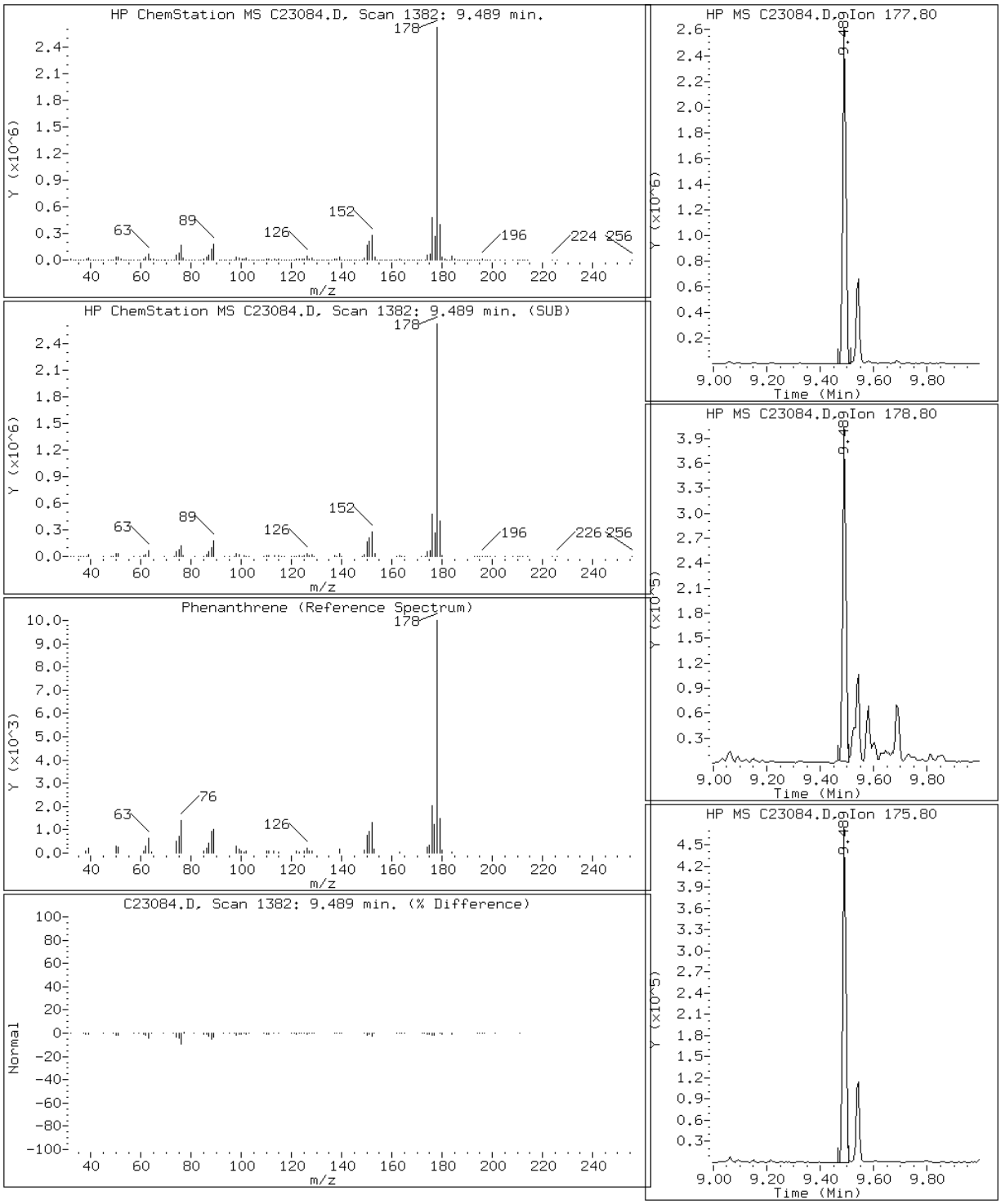
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

64 Phenanthrene



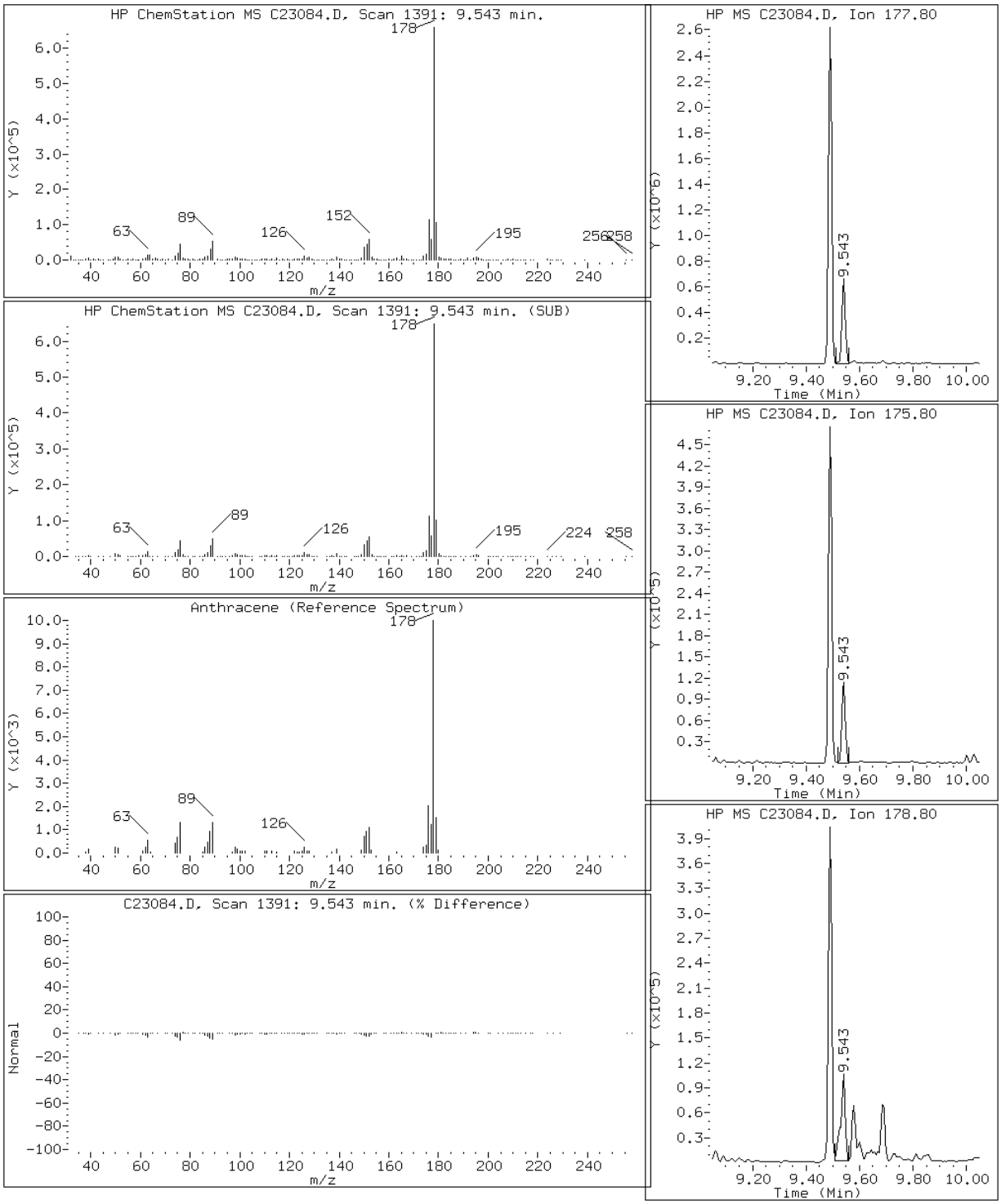
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

66 Anthracene



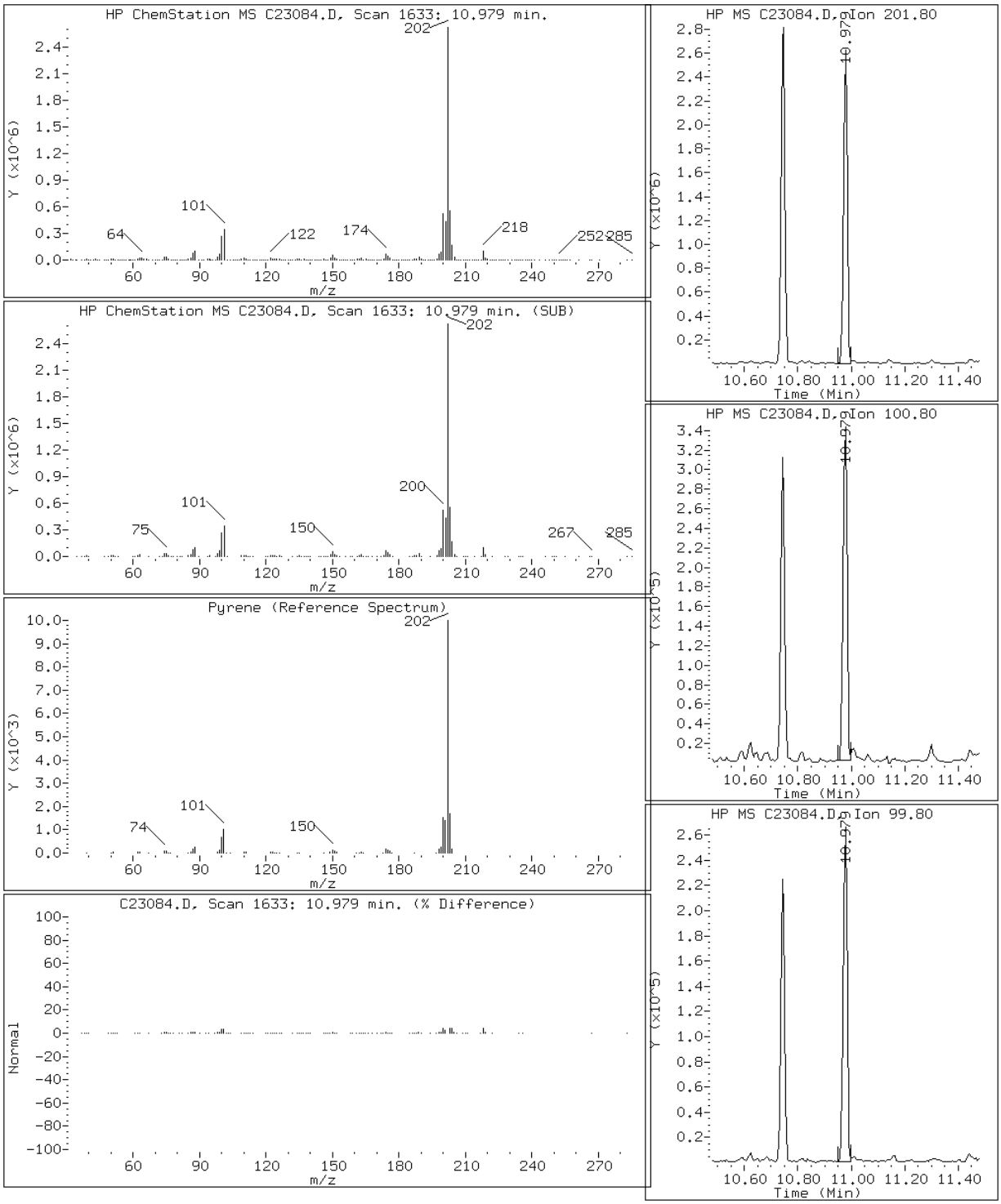
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

72 Pyrene



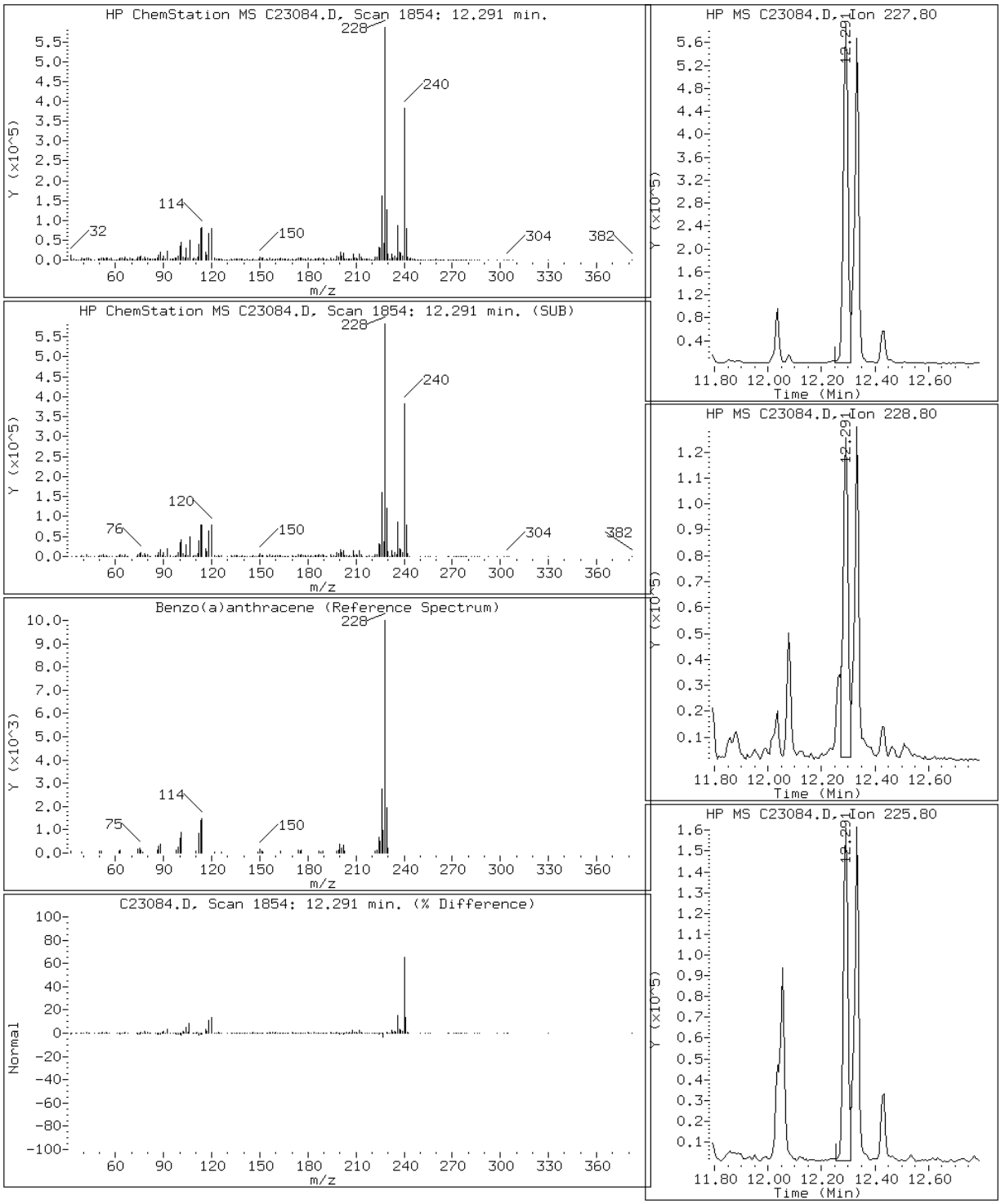
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

76 Benzo(a)anthracene



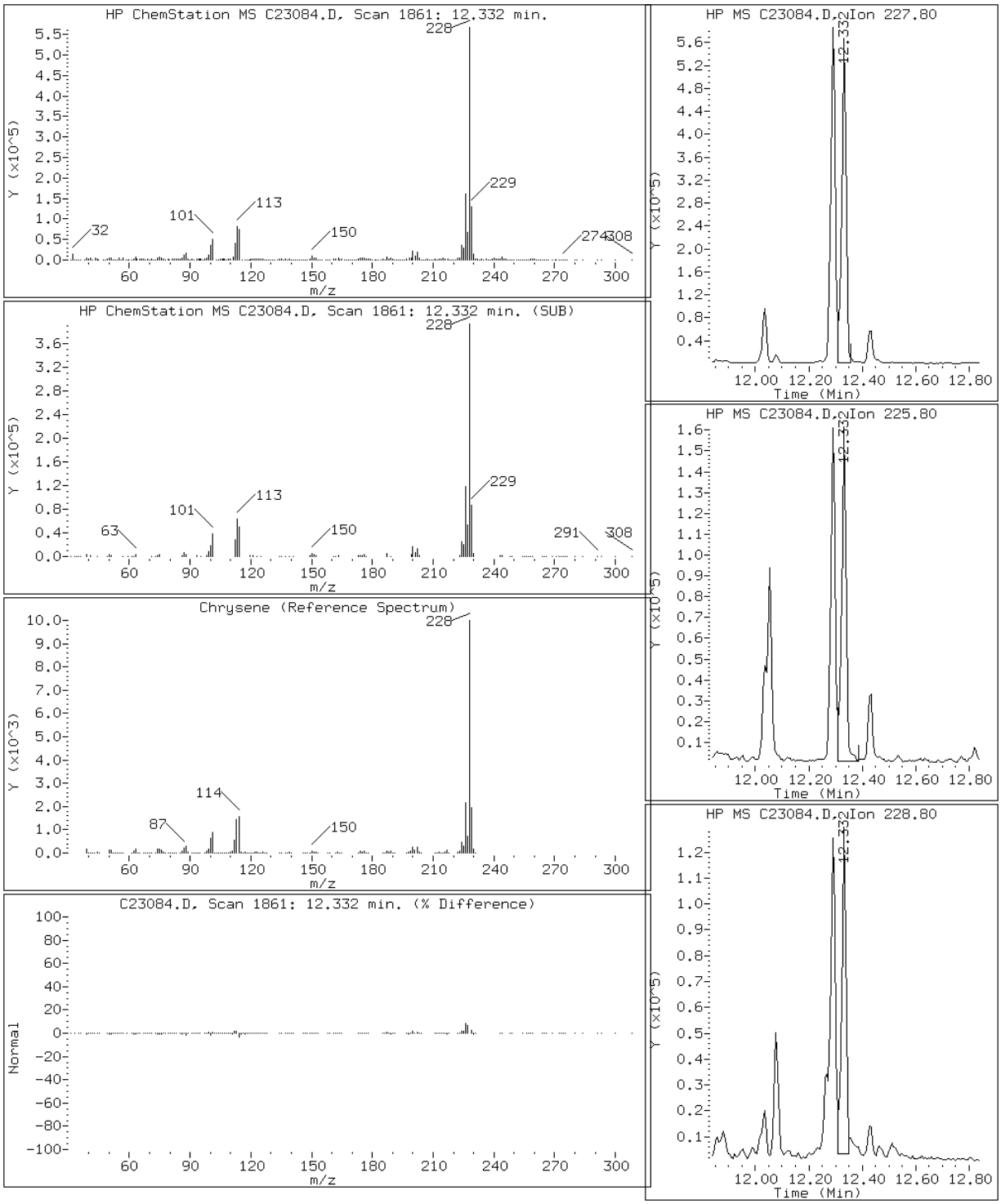
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

77 Chrysene



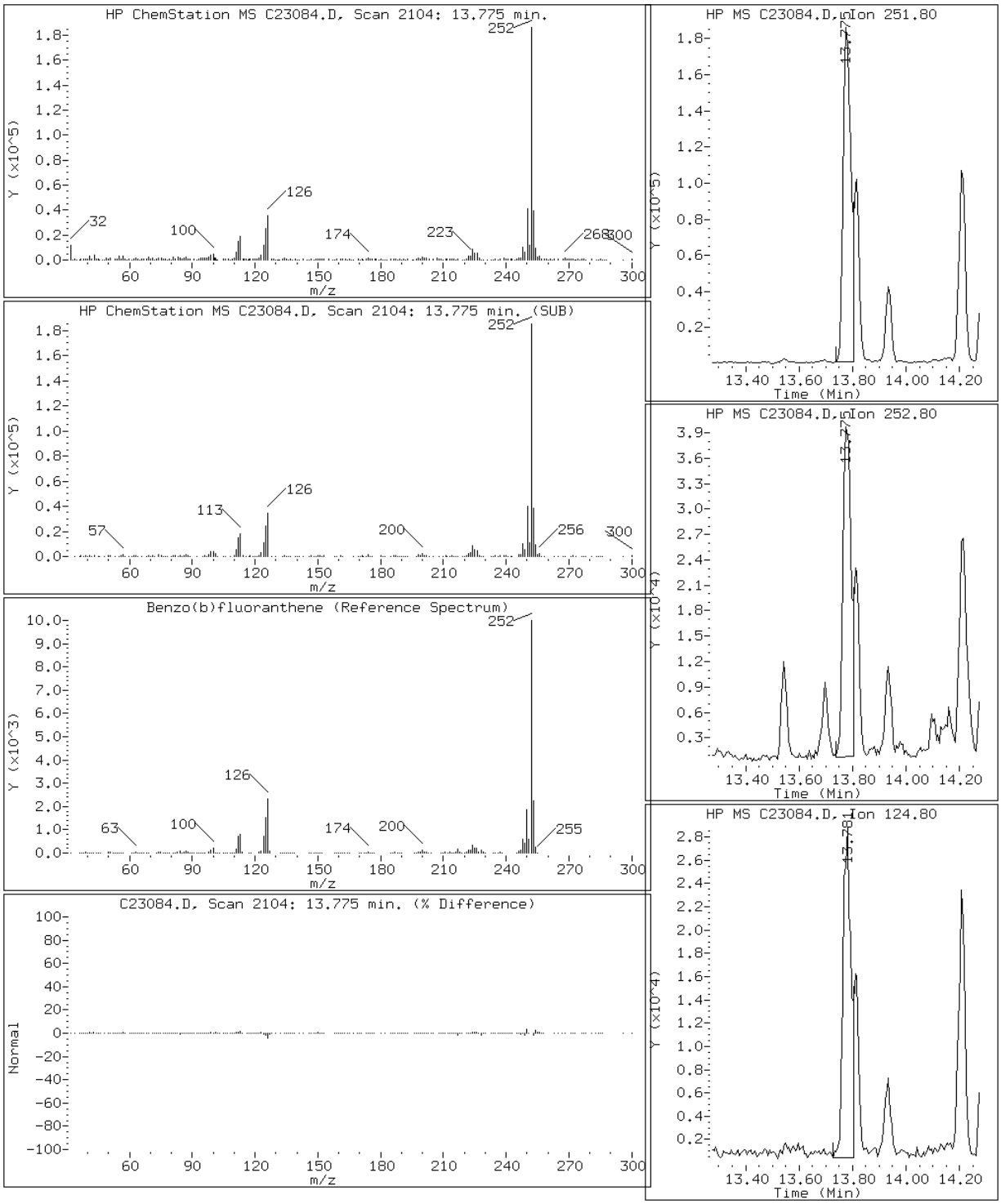
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

81 Benzo(b)fluoranthene



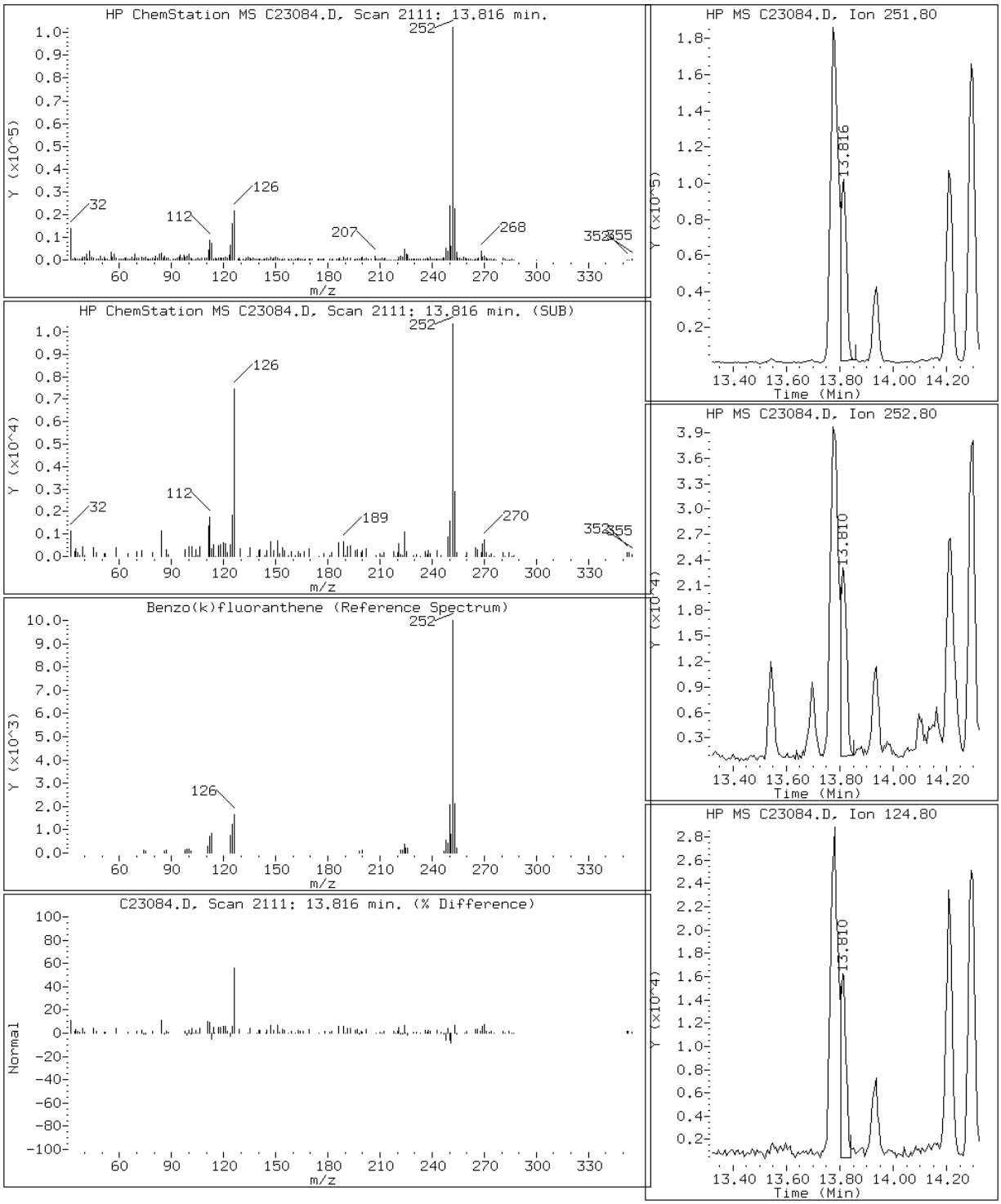
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

82 Benzo(k)fluoranthene



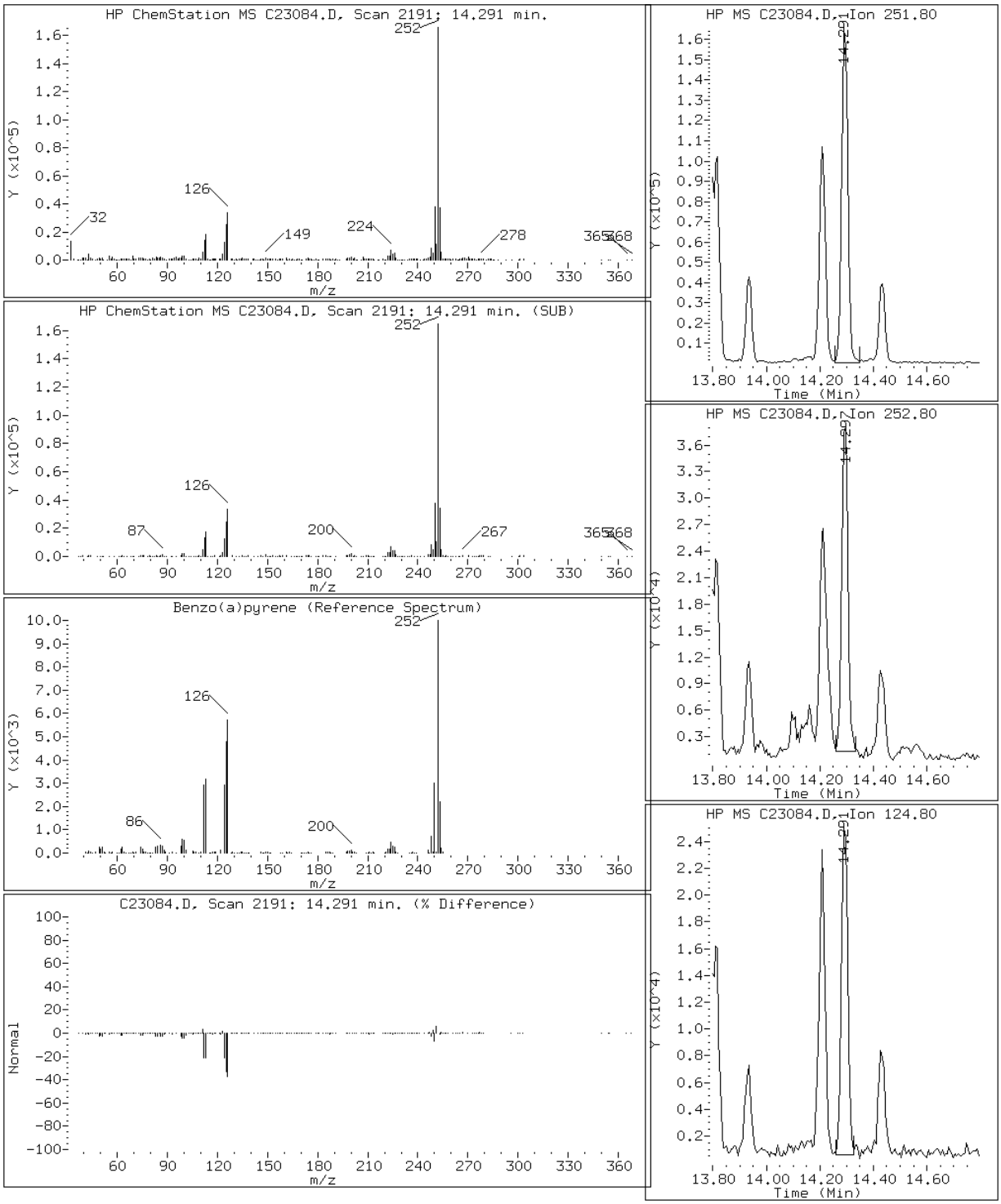
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

83 Benzo(a)pyrene



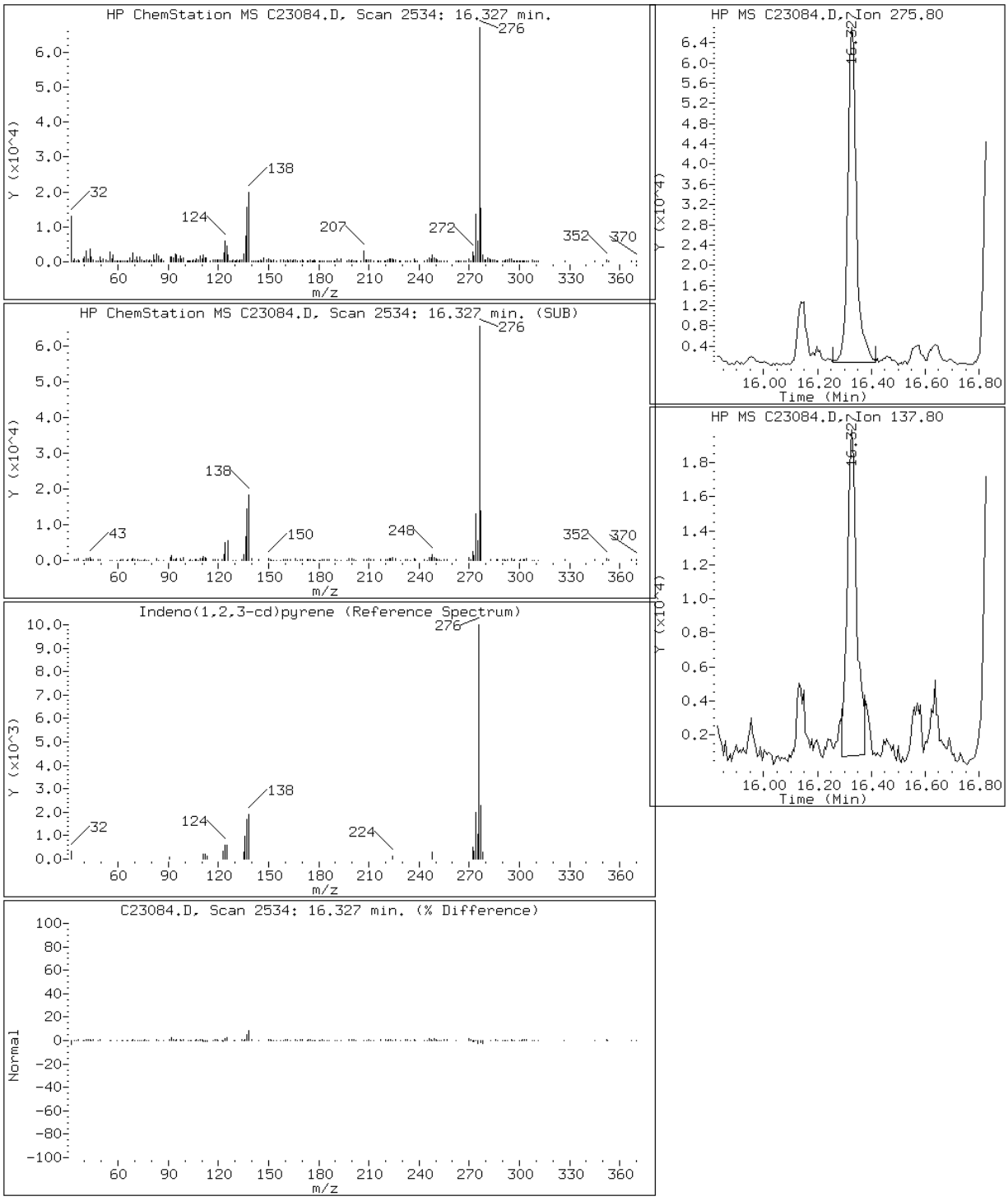
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

84 Indeno(1,2,3-cd)pyrene



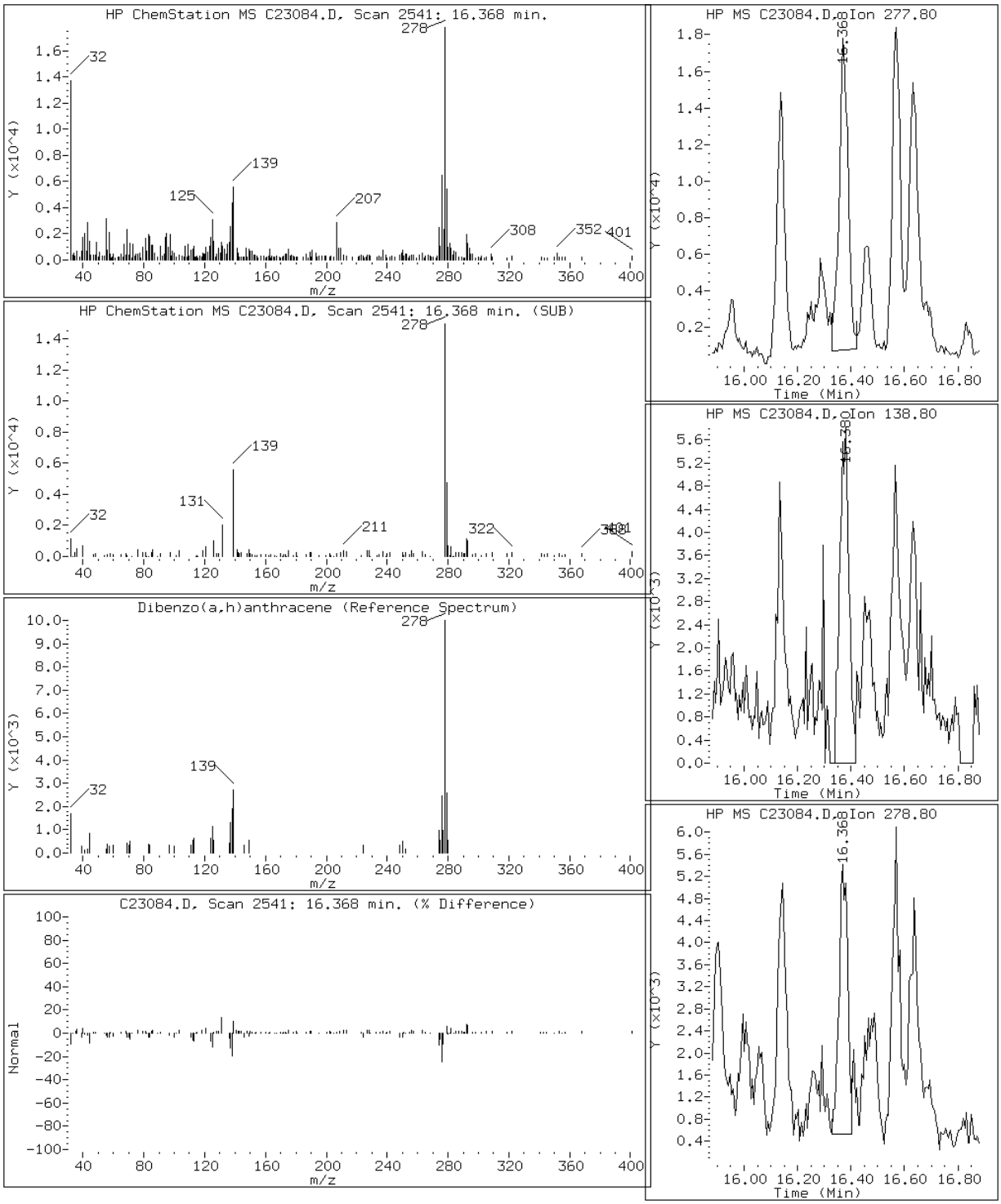
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

85 Dibenzo(a,h)anthracene



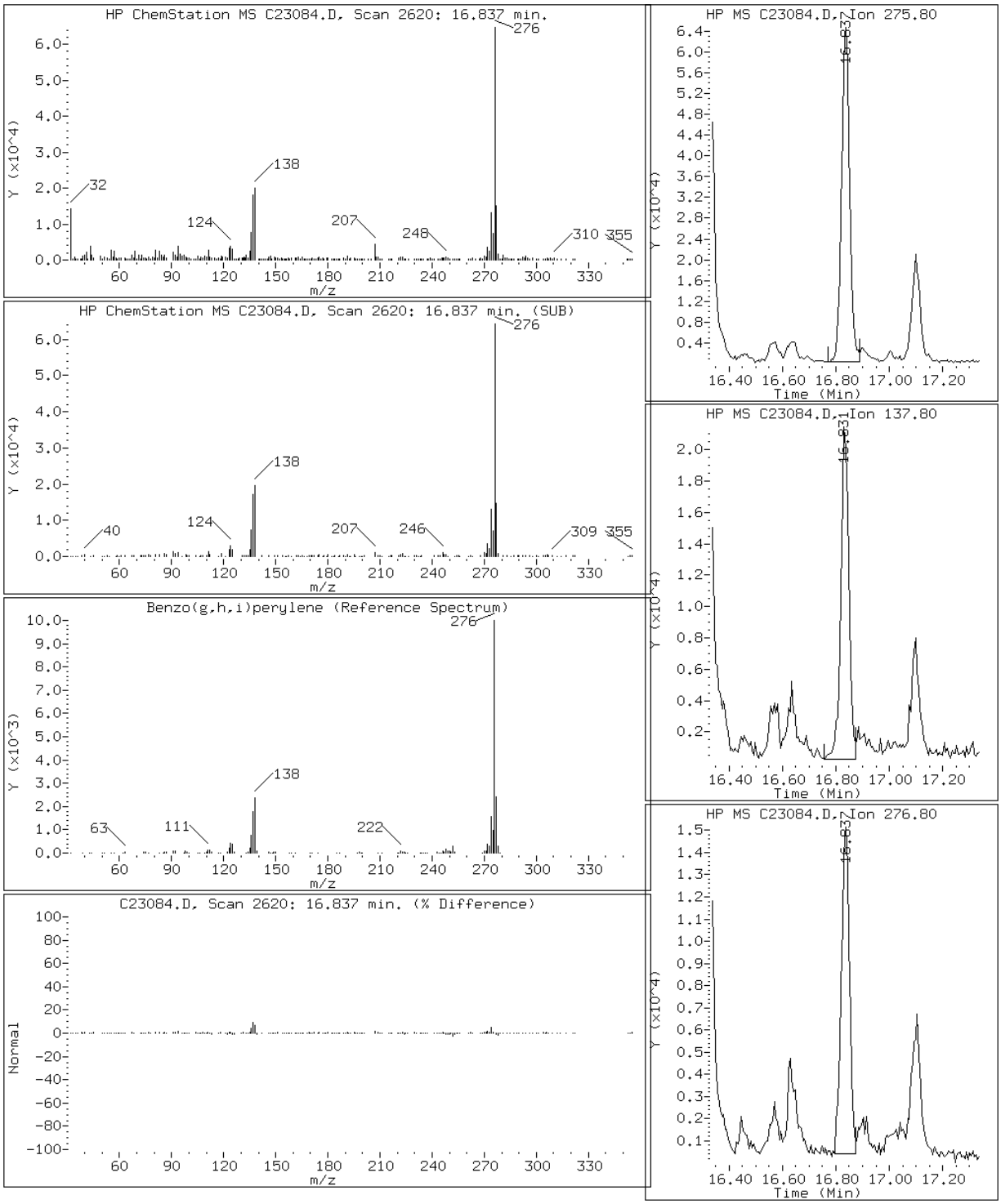
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

86 Benzo(g,h,i)perylene



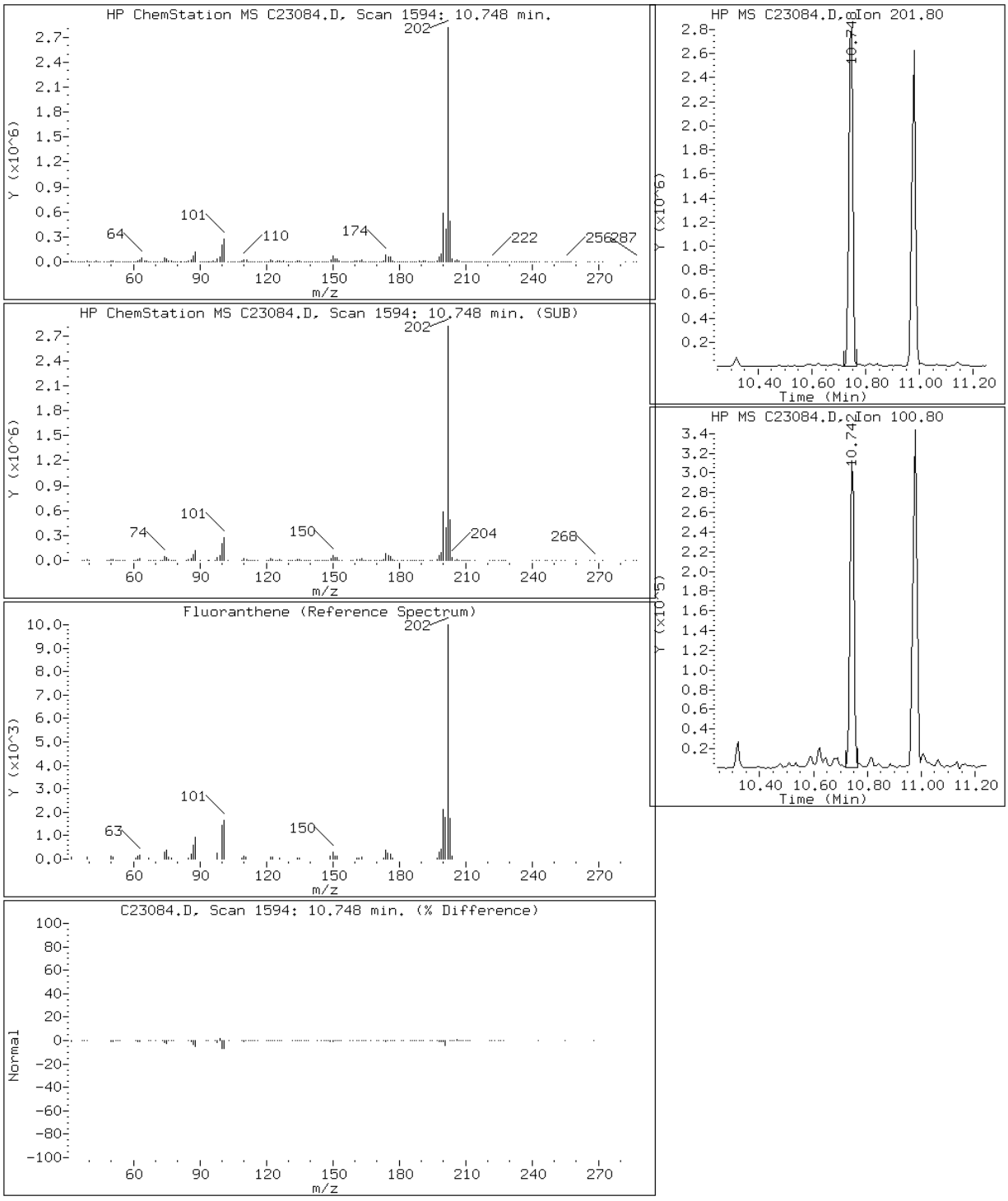
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

68 Fluoranthene



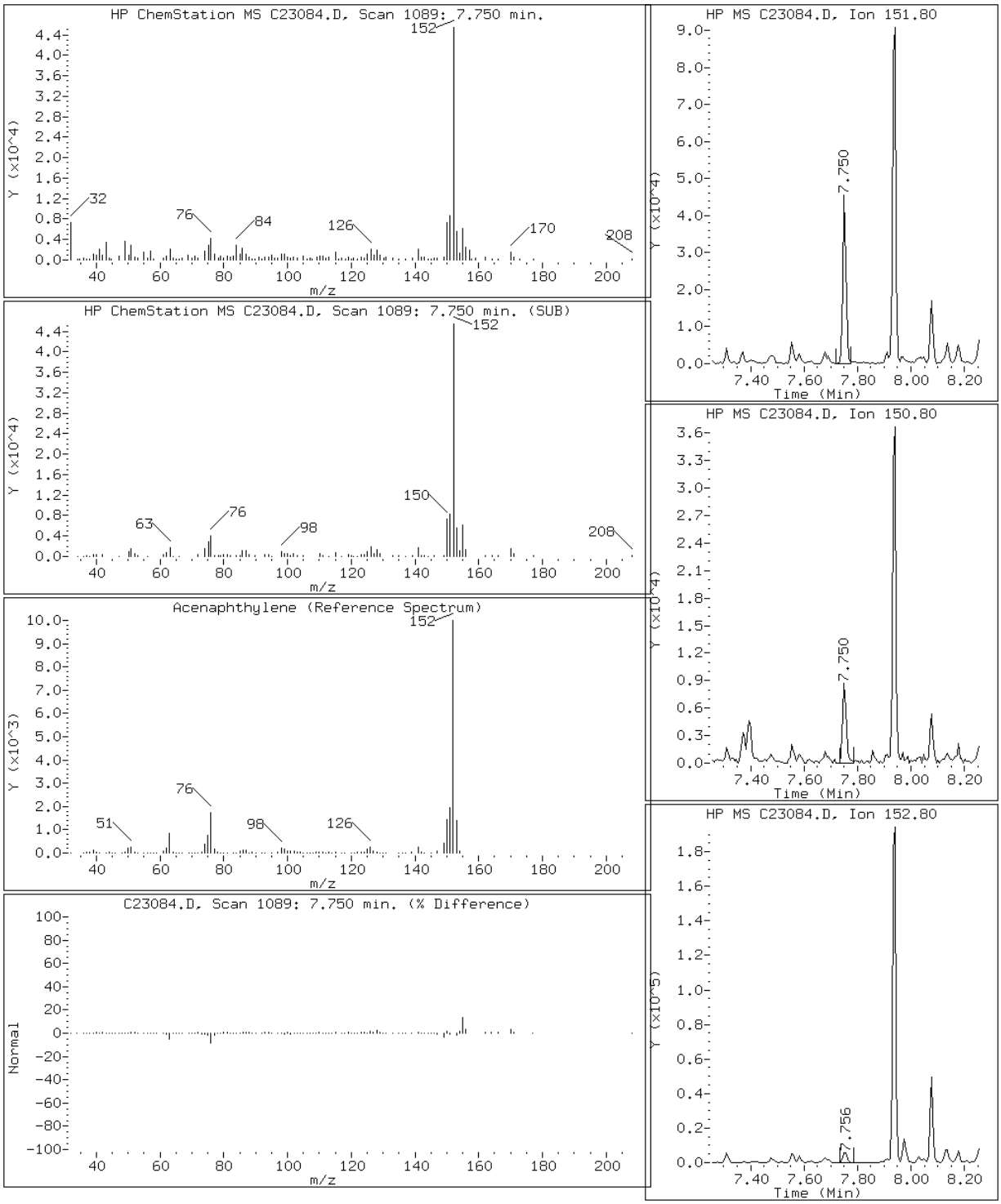
Data File: C23084.D

Date: 04-MAY-2011 17:15

Client ID: SB-UST-4,2'-3' Instrument: msc.i

Sample Info: 220-15334-B-1-A;4 Operator: S.Jonas

43 Acenaphthylene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: SB/MW-UST-5,3'-5' | Lab Sample ID: 220-15334-2

Matrix: Solid | Lab File ID: C23085.D

Analysis Method: 8270C | Date Collected: 04/27/2011 12:15

Extract. Method: 3541 | Date Extracted: 05/02/2011 06:45

Sample wt/vol: 14.96(g) | Date Analyzed: 05/04/2011 17:44

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: 10.1 | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50455 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	78	J	300	16
83-32-9	Acenaphthene	29	J	300	18
86-73-7	Fluorene	41	J	300	18
85-01-8	Phenanthrene	240	J	300	15
120-12-7	Anthracene	55	J	300	12
129-00-0	Pyrene	410		300	14
56-55-3	Benzo[a]anthracene	120	J	300	11
218-01-9	Chrysene	110	J	300	22
205-99-2	Benzo[b]fluoranthene	100	J	300	8.0
207-08-9	Benzo[k]fluoranthene	40	J	300	27
50-32-8	Benzo[a]pyrene	80	J	300	8.1
193-39-5	Indeno[1,2,3-cd]pyrene	65	J	300	20
53-70-3	Dibenz(a,h)anthracene	300	U	300	24
191-24-2	Benzo[g,h,i]perylene	72	J	300	20
206-44-0	Fluoranthene	250	J	300	15
208-96-8	Acenaphthylene	20	J	300	15

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		38-120
321-60-8	2-Fluorobiphenyl	64		41-120
1718-51-0	Terphenyl-d14	111		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123064.b\C23085.D
Lab Smp Id: 220-15334-B-2-A Client Smp ID: SB/MW-UST-5,3'-5'
Inj Date : 04-MAY-2011 17:44
Operator : S.Jonas Inst ID: msc.i
Smp Info : 220-15334-B-2-A
Misc Info : 220-15334-B-2-A
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123064.b\MSC-8270C.m
Meth Date : 04-May-2011 08:22 stephan Quant Type: ISTD
Cal Date : 03-MAY-2011 08:03 Cal File: C23039.D
Als bottle: 20
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	14.960	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	10.119	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	1 1,4-Dichlorobenzene-d4	152	4.699	4.693	(1.000)	906263	20.0000	
$	2 2-Fluorophenol	112	3.281	3.245	(0.698)	3107618	50.5223	3800
$	3 Phenol-d5	99	4.390	4.391	(0.934)	3821694	53.1441	4000
*	20 Naphthalene-d8	136	6.052	6.052	(1.000)	3572158	20.0000	
$	21 Nitrobenzene-d5	82	5.299	5.299	(0.875)	1993386	33.3650	2500
	30 Naphthalene	128	6.070	6.076	(1.003)	172171	1.04524	78
	34 2-Methylnaphthalene	142	6.812	6.818	(1.125)	280064	2.47605	180
*	35 Acenaphthene-d10	164	7.910	7.910	(1.000)	2101991	20.0000	
$	40 2-Fluorobiphenyl	172	7.216	7.216	(0.912)	3631881	31.8478	2400
	43 Acenaphthylene	152	7.750	7.756	(0.980)	45204	0.26300	20
	46 Acenaphthene	153	7.940	7.946	(1.004)	40174	0.38514	29
	49 Dibenzofuran	168	8.124	8.130	(1.027)	52329	0.36715	27
	52 Fluorene	166	8.480	8.486	(1.072)	66724	0.55706	41
$	56 2,4,6-Tribromophenol	330	8.741	8.741	(1.105)	687590	48.3607	3600
*	57 Phenanthrene-d10	188	9.471	9.471	(1.000)	3368661	20.0000	
	59 N-Nitrosodiphenylamine (1)	169	8.628	8.634	(0.911)	39893	0.45502	34
	64 Phenanthrene	178	9.489	9.495	(1.002)	547281	3.20116	240
	66 Anthracene	178	9.542	9.548	(1.008)	128992	0.73583	55

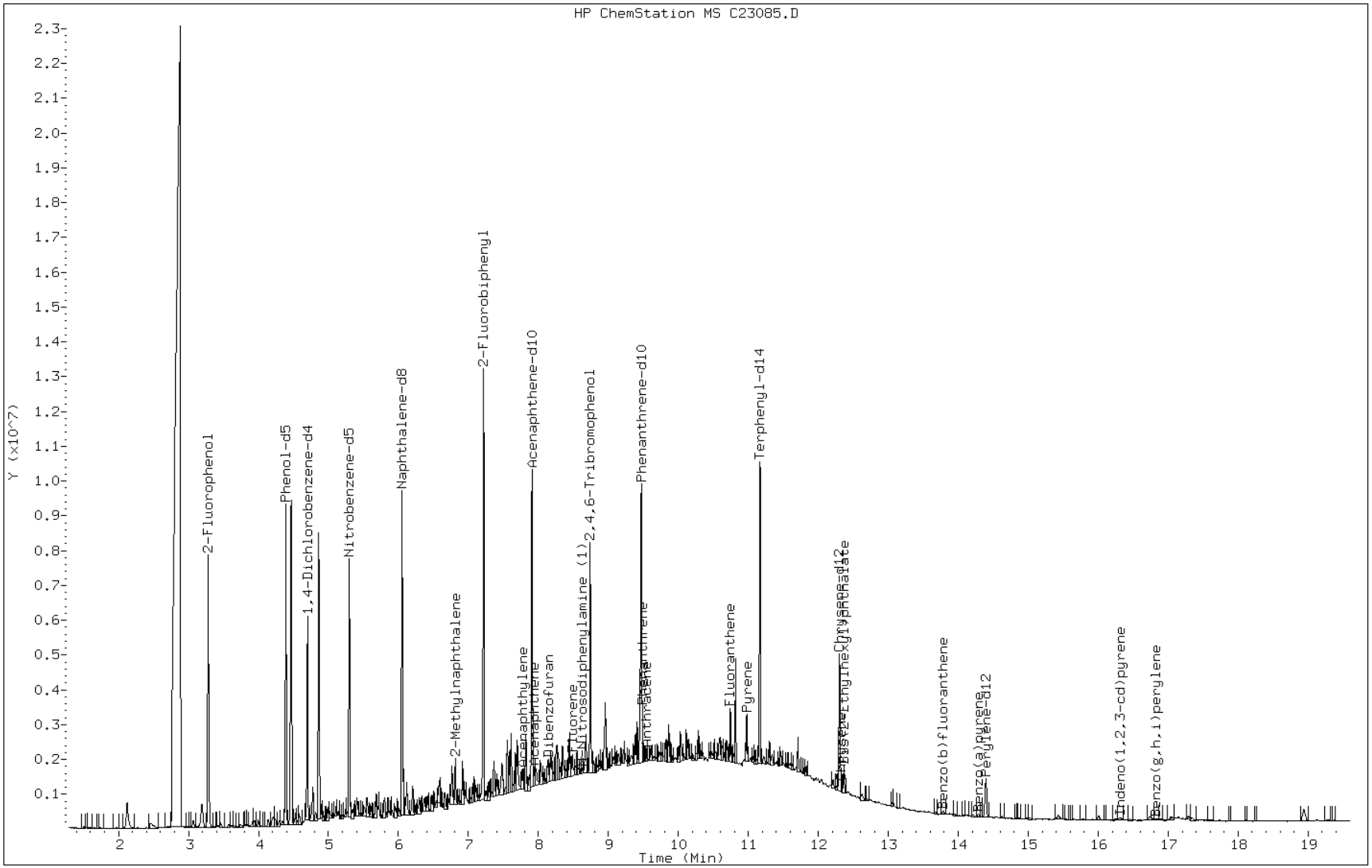
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
	68 Fluoranthene	202	10.747	10.747	(1.135)	574388	3.31740	250
*	70 Chrysene-d12	240	12.302	12.308	(1.000)	1519973	20.0000	
	72 Pyrene	202	10.979	10.979	(0.892)	510584	5.51939	410
$	73 Terphenyl-d14	244	11.163	11.163	(0.907)	3114654	55.5128	4100
	76 Benzo(a)anthracene	228	12.290	12.290	(0.999)	110871	1.56047	120
	77 Chrysene	228	12.332	12.338	(1.002)	105054	1.51940	110
	78 Bis(2-Ethylhexyl)phthalate	149	12.368	12.362	(1.005)	255189	5.70105	420
*	79 Perylene-d12	264	14.391	14.392	(1.000)	613808	20.0000	
	81 Benzo(b)fluoranthene	252	13.774	13.774	(0.957)	47298	1.35221	100
	82 Benzo(k)fluoranthene	252	13.816	13.822	(0.960)	18637	0.54250	40
	83 Benzo(a)pyrene	252	14.291	14.297	(0.993)	28391	1.07141	80
	84 Indeno(1,2,3-cd)pyrene	276	16.326	16.326	(1.134)	12943	0.87327	65
	86 Benzo(g,h,i)perylene	276	16.837	16.837	(1.170)	13914	0.97012	72

Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas



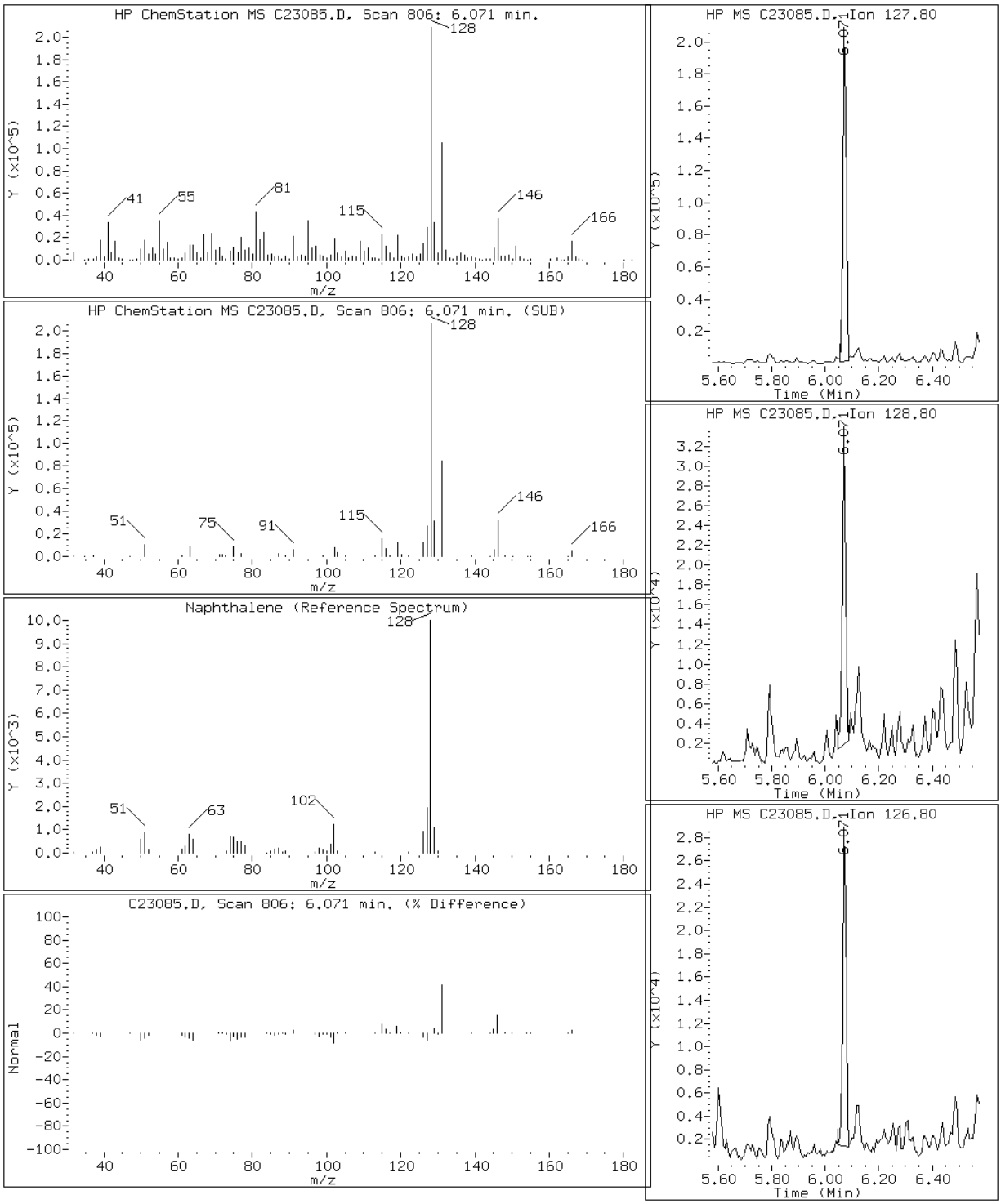
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

30 Naphthalene



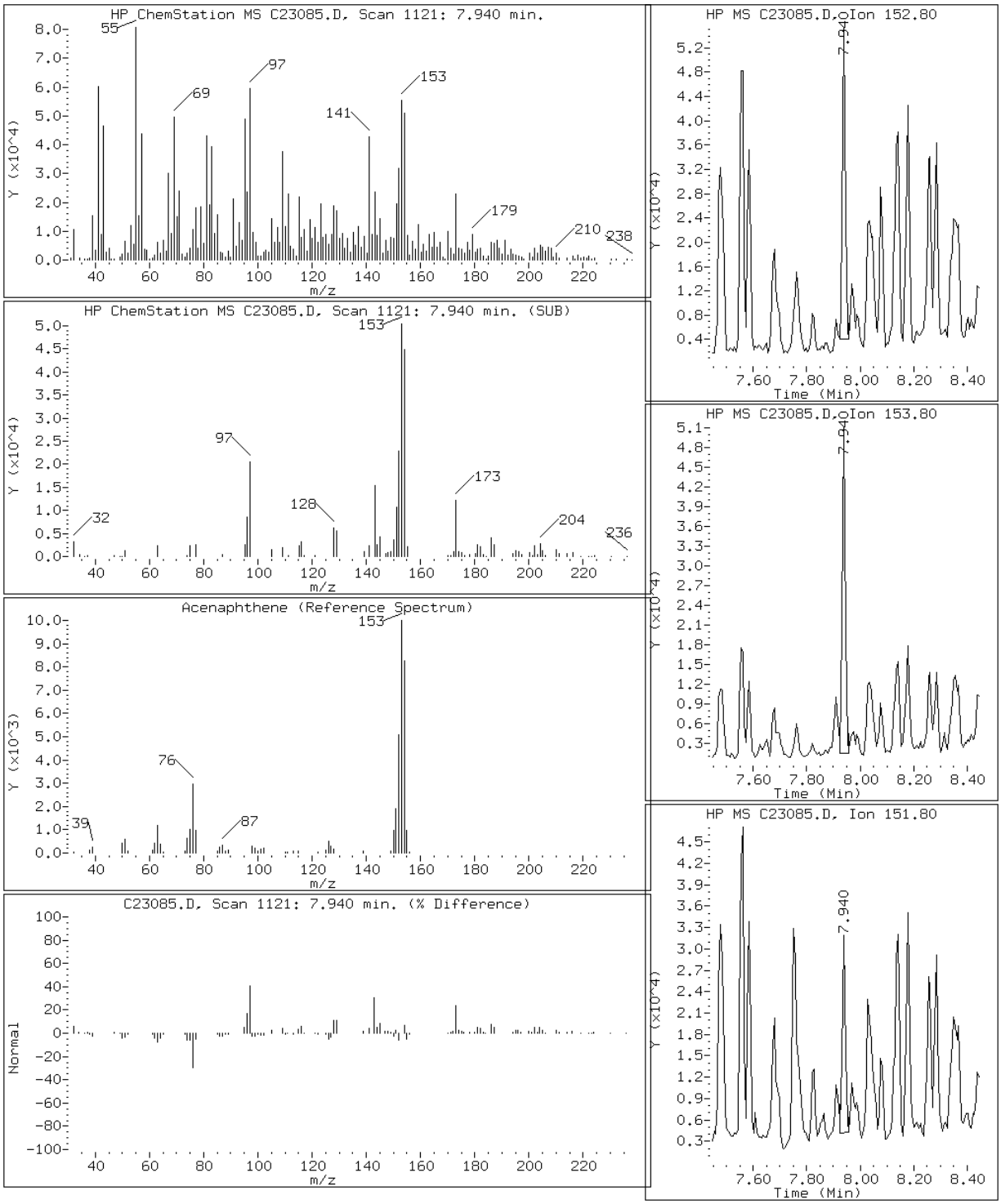
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

46 Acenaphthene



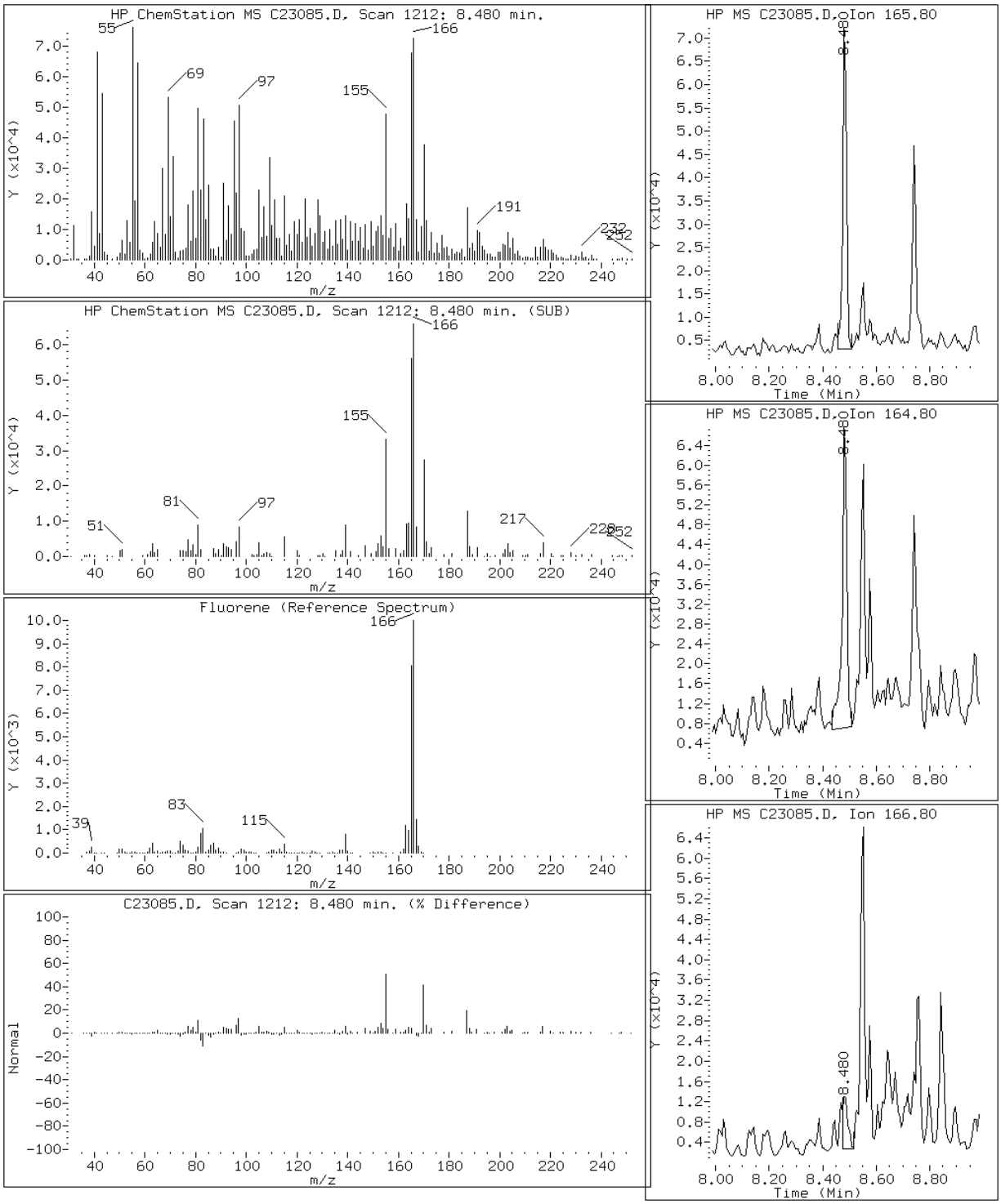
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

52 Fluorene



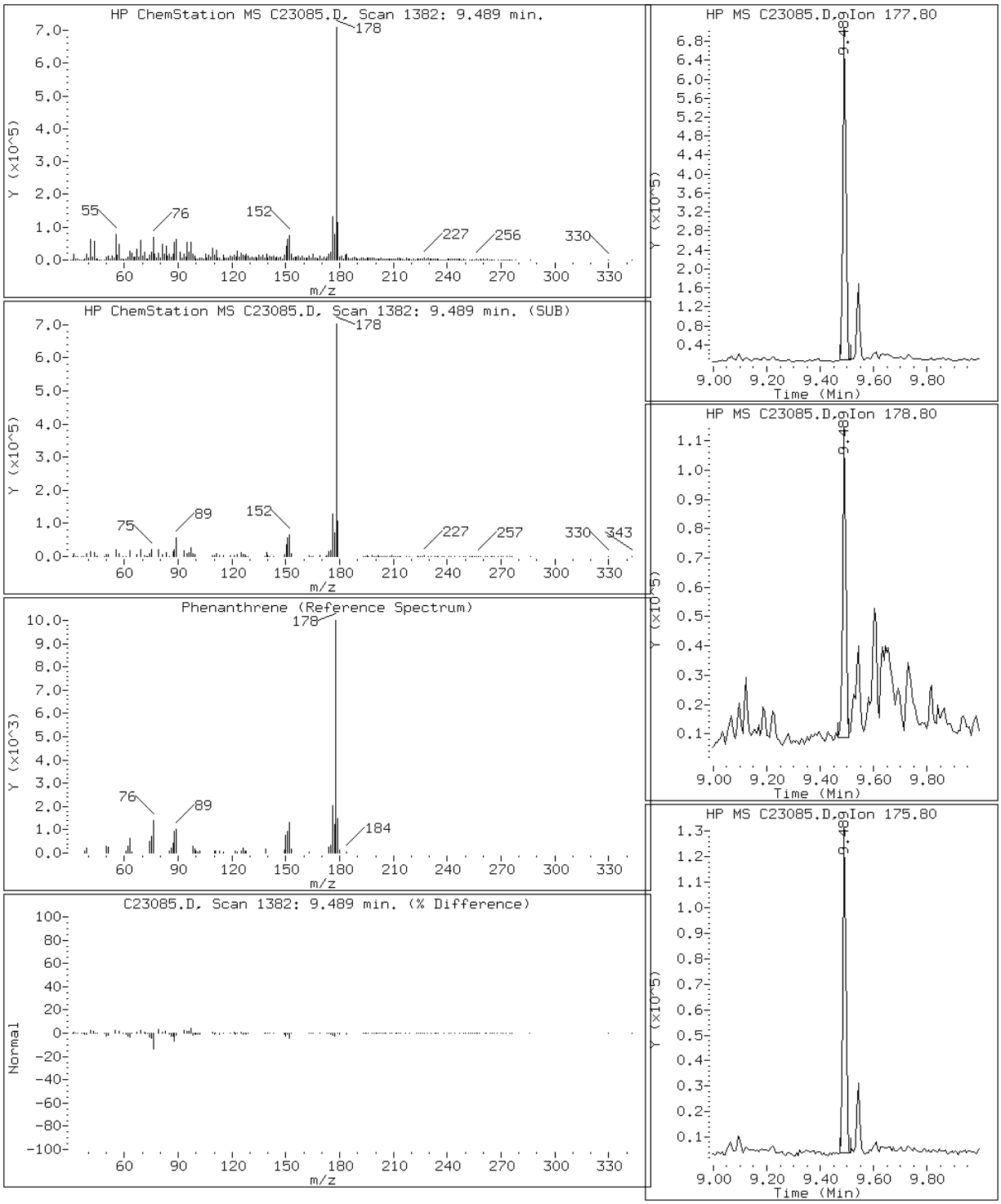
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

64 Phenanthrene



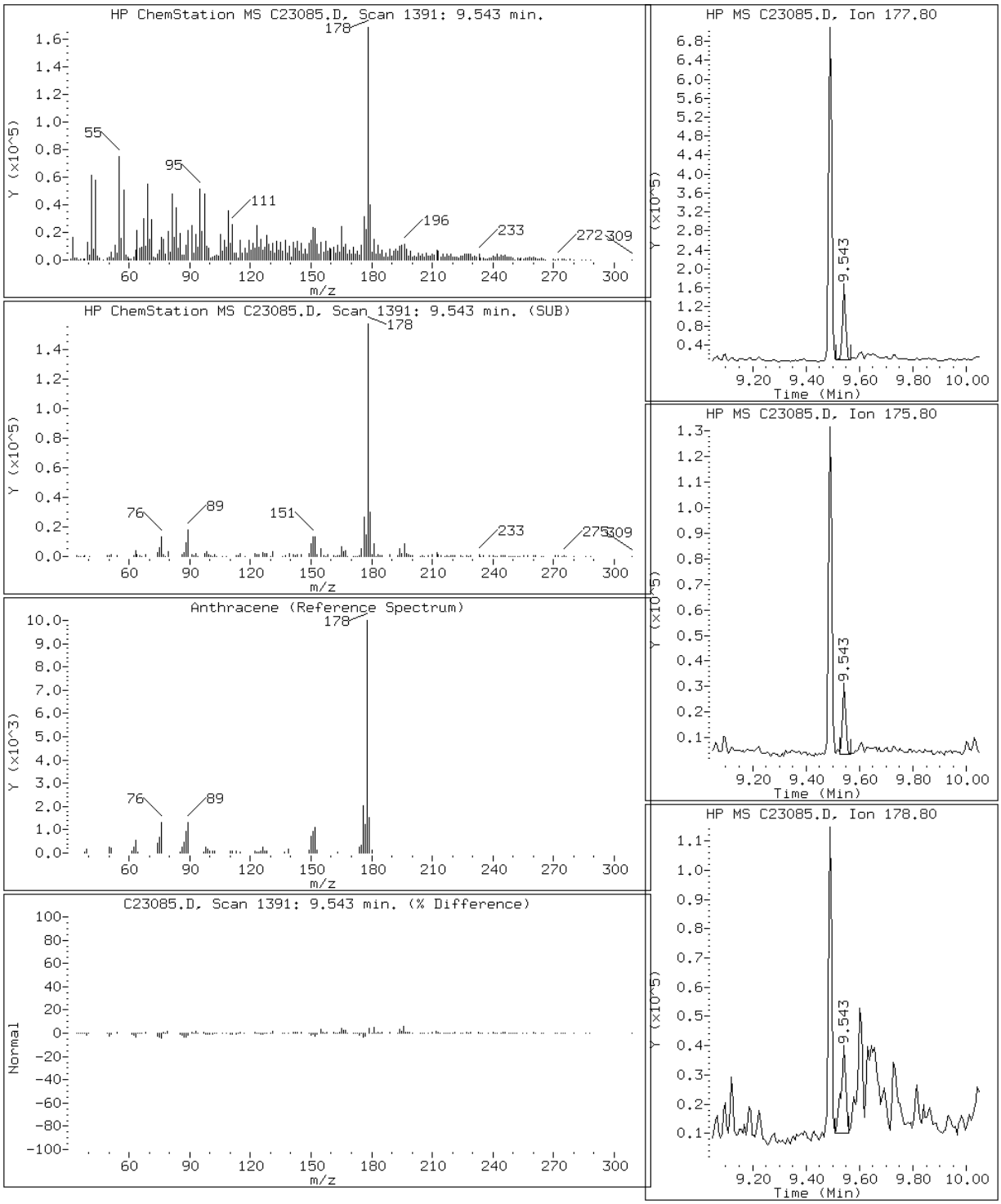
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

66 Anthracene



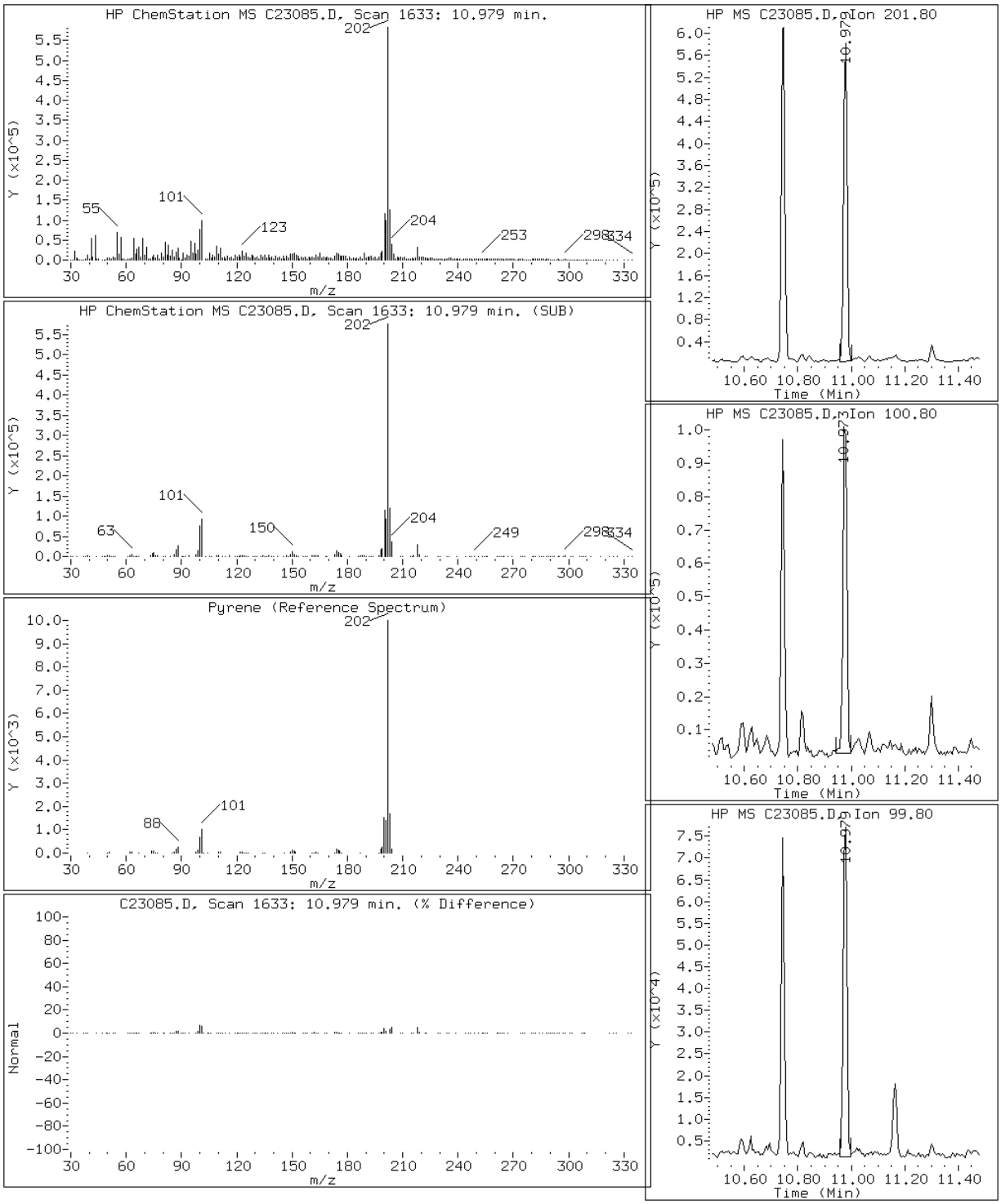
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

72 Pyrene



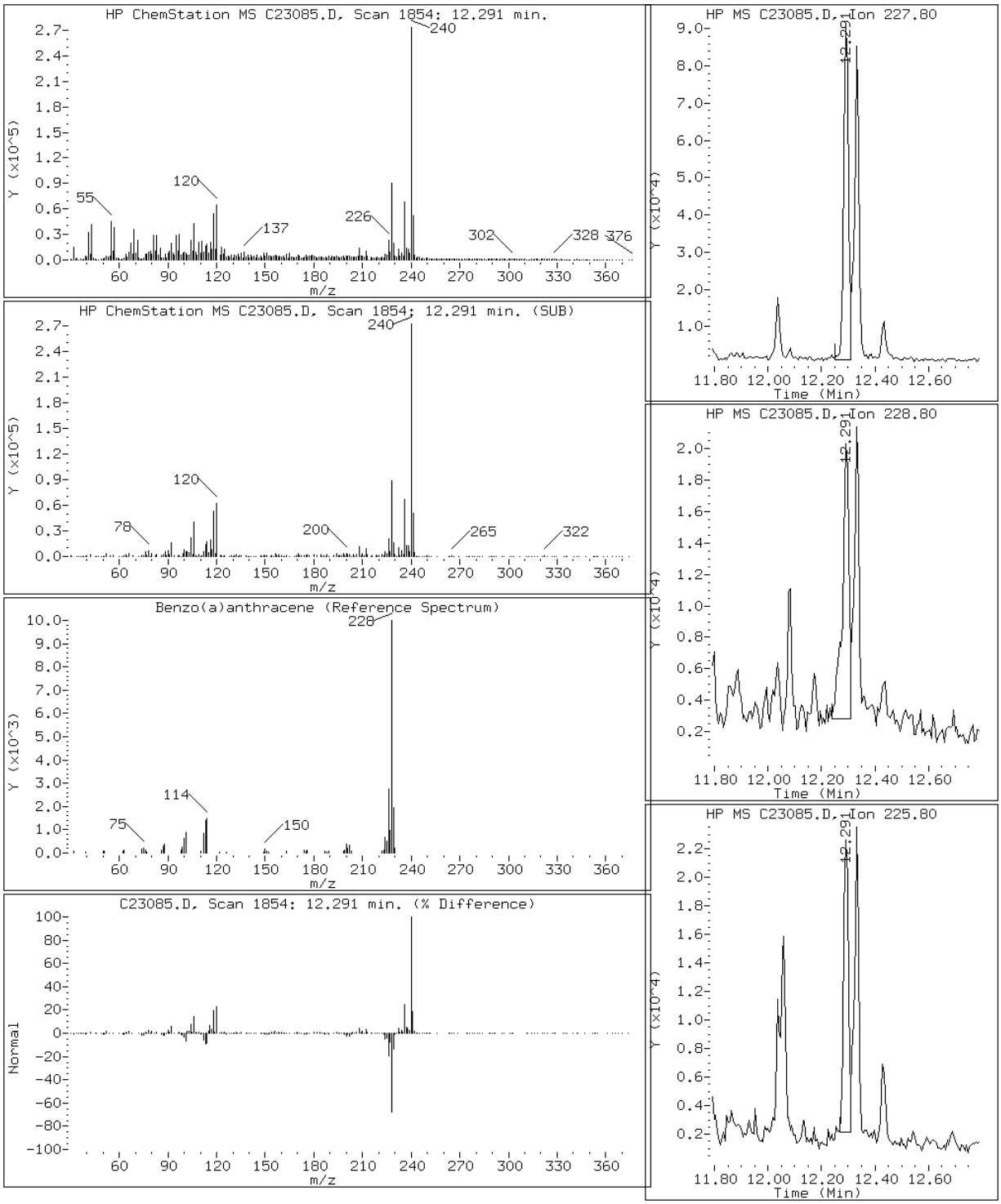
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

76 Benzo(a)anthracene



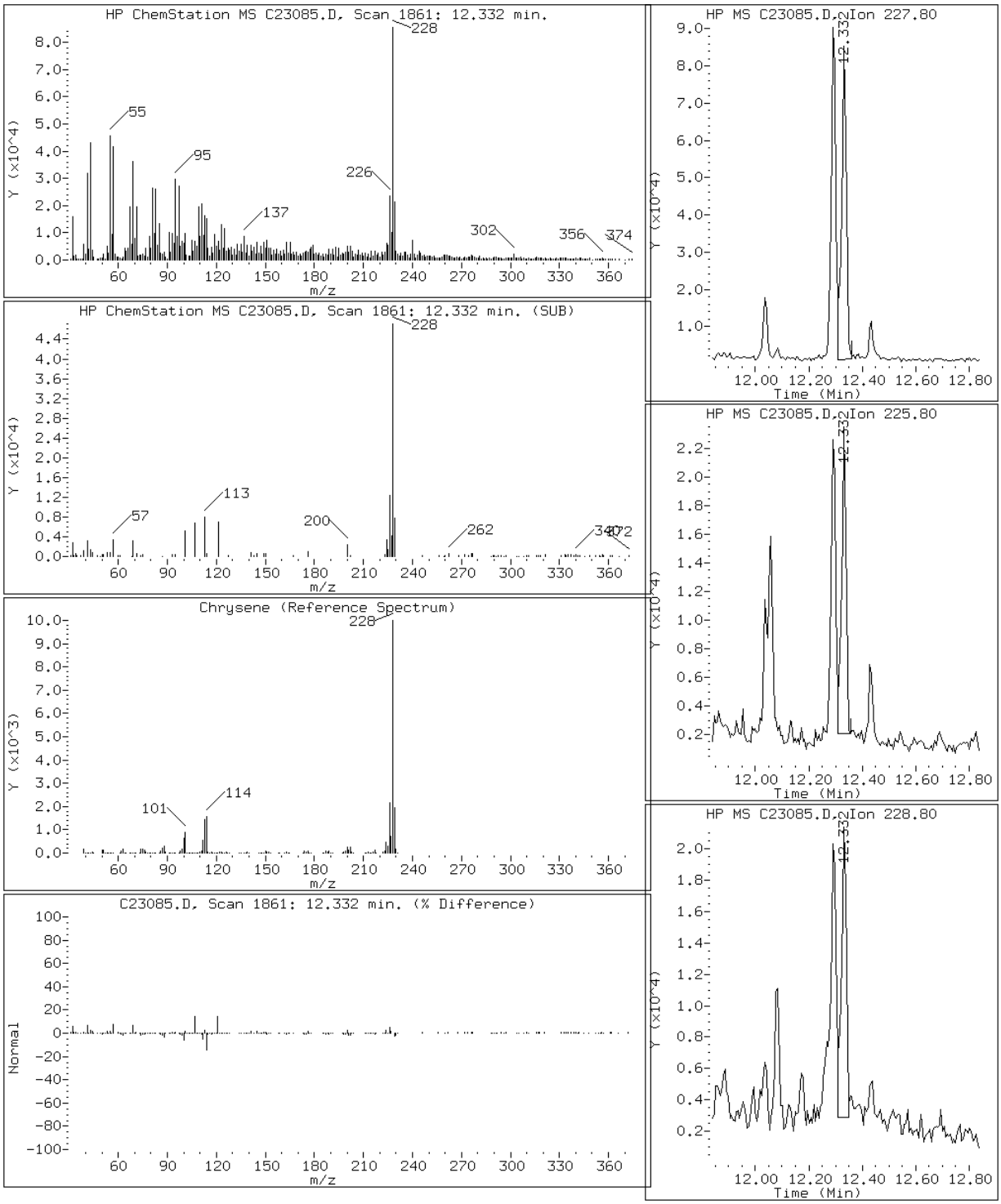
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

77 Chrysene



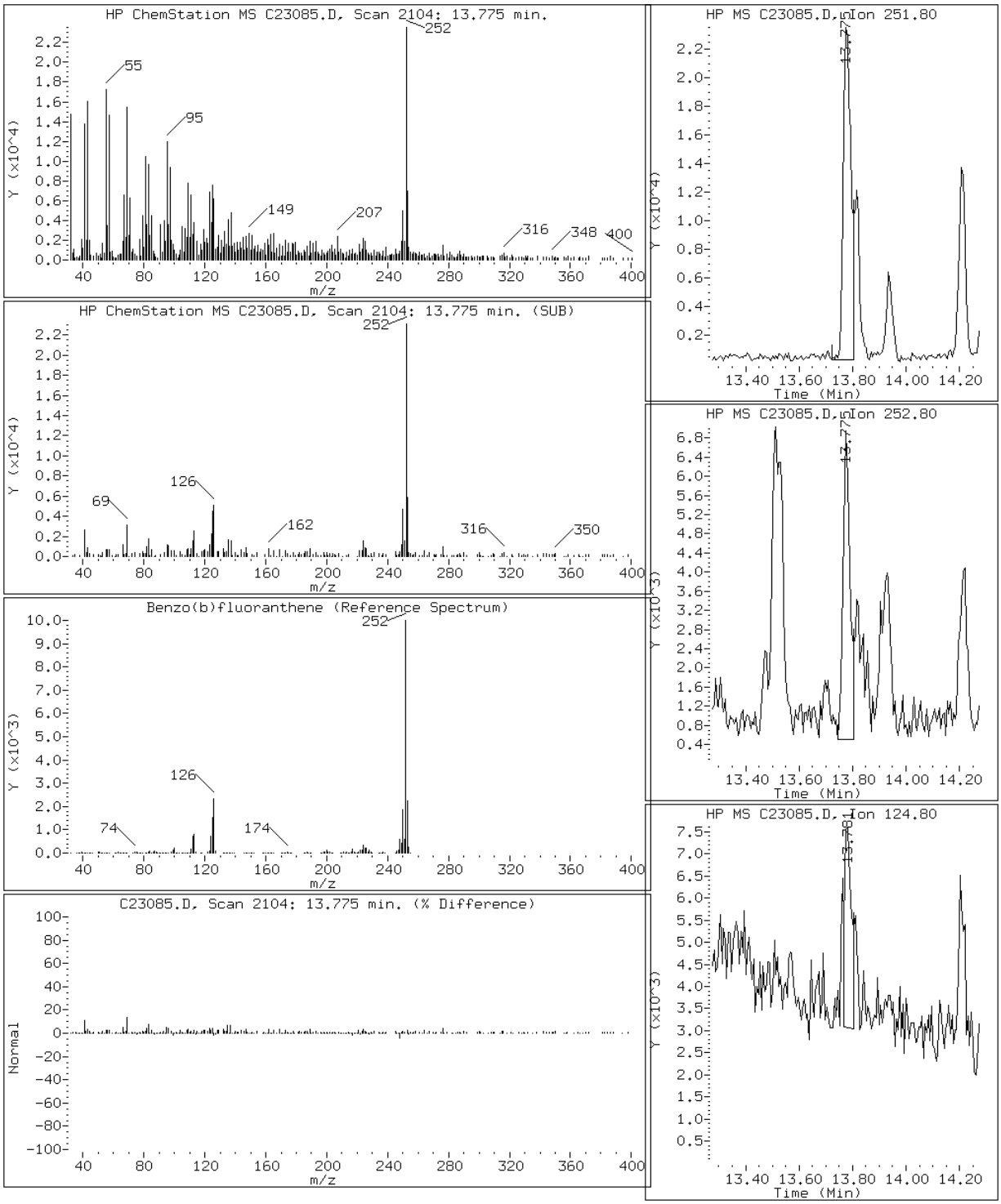
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

81 Benzo(b)fluoranthene



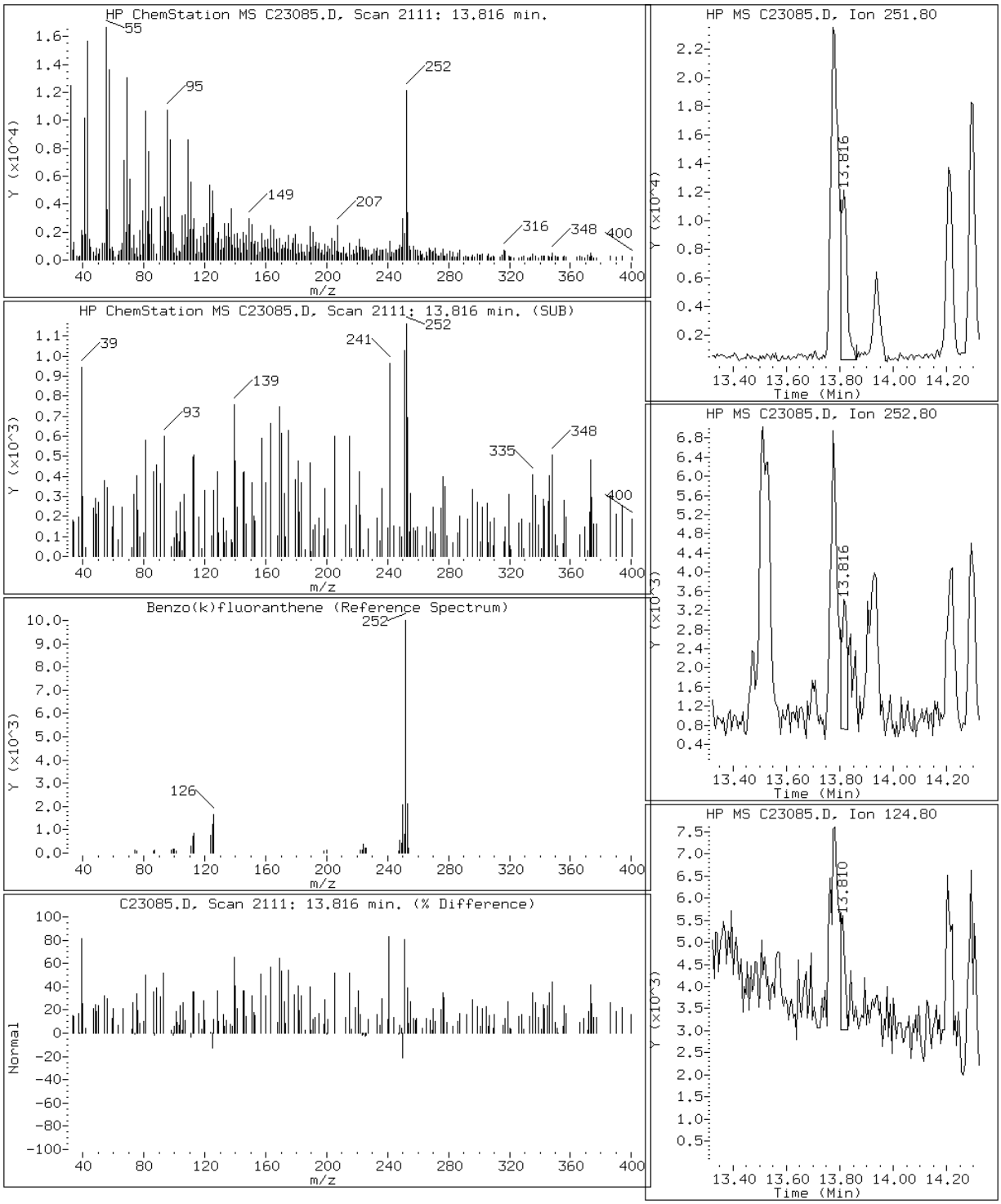
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

82 Benzo(k)fluoranthene



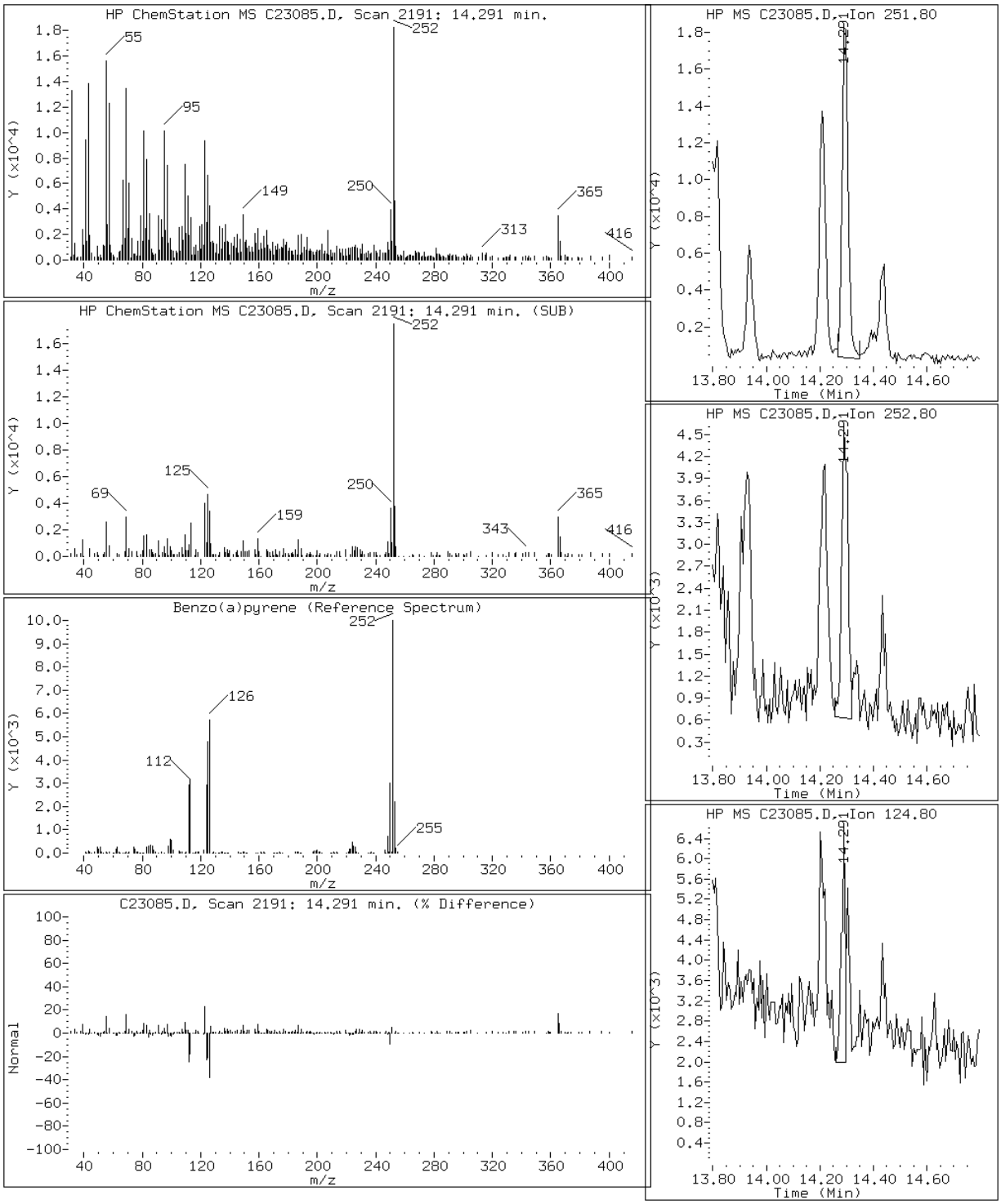
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

83 Benzo(a)pyrene



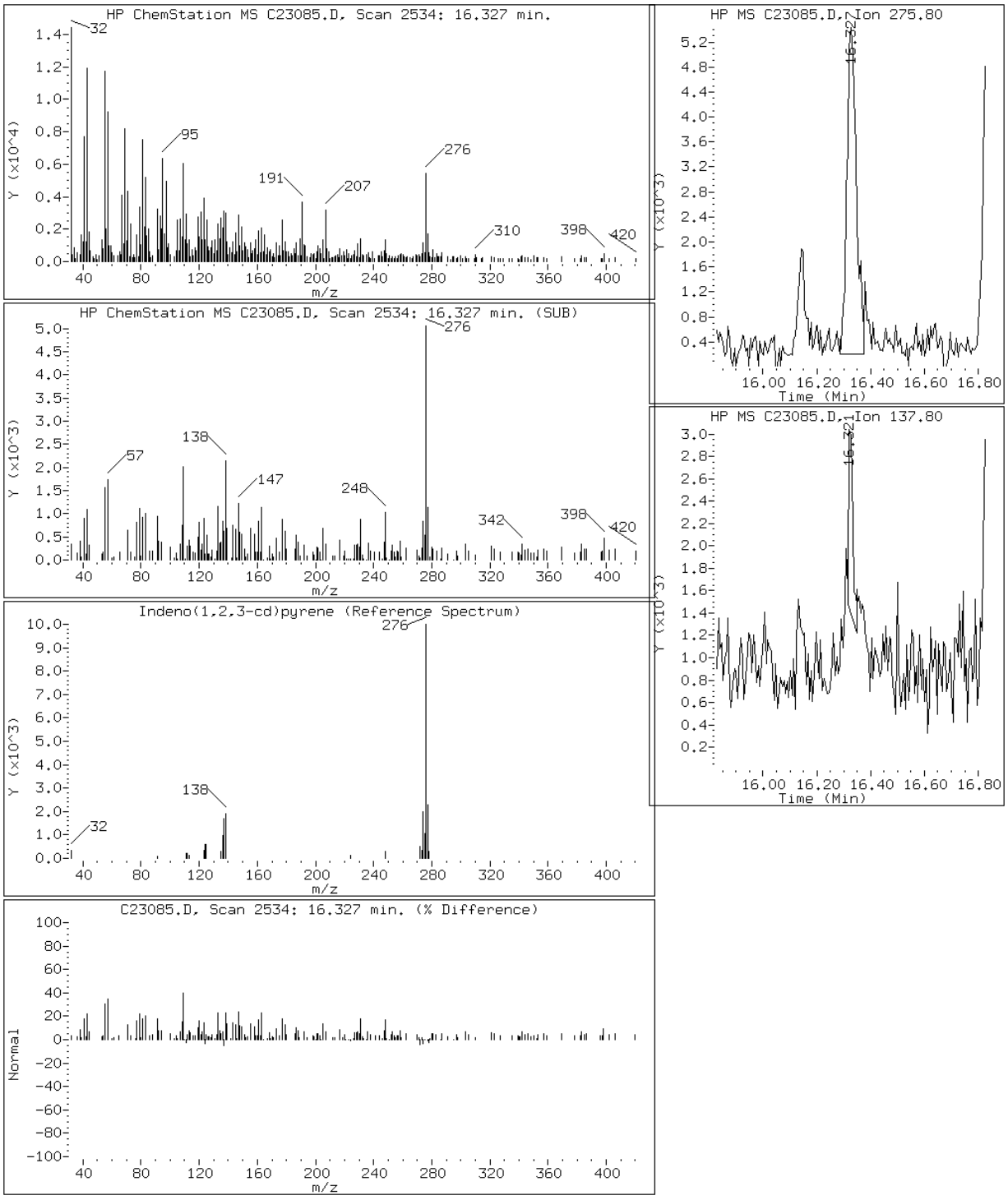
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

84 Indeno(1,2,3-cd)pyrene



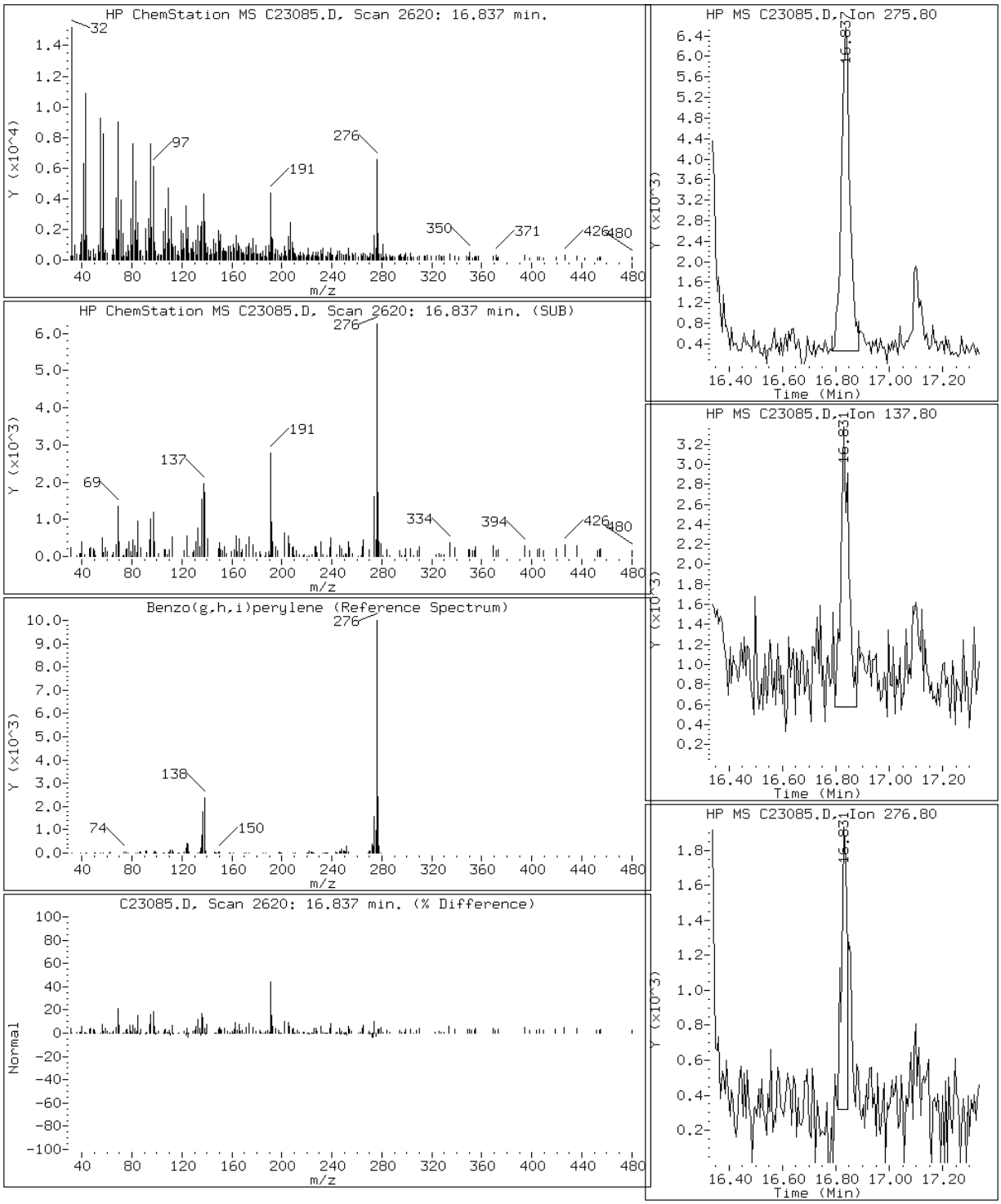
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

86 Benzo(g,h,i)perylene



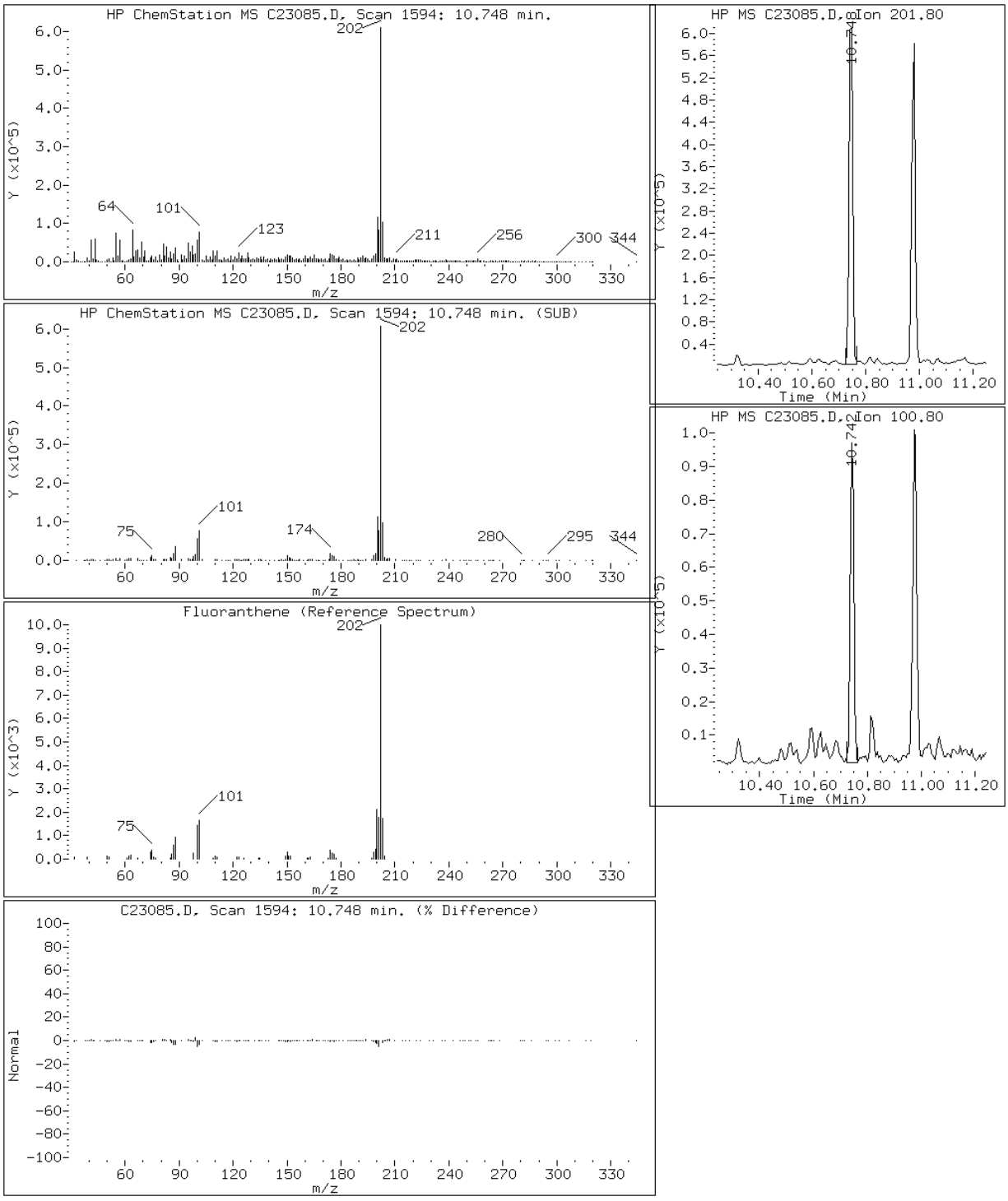
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

68 Fluoranthene



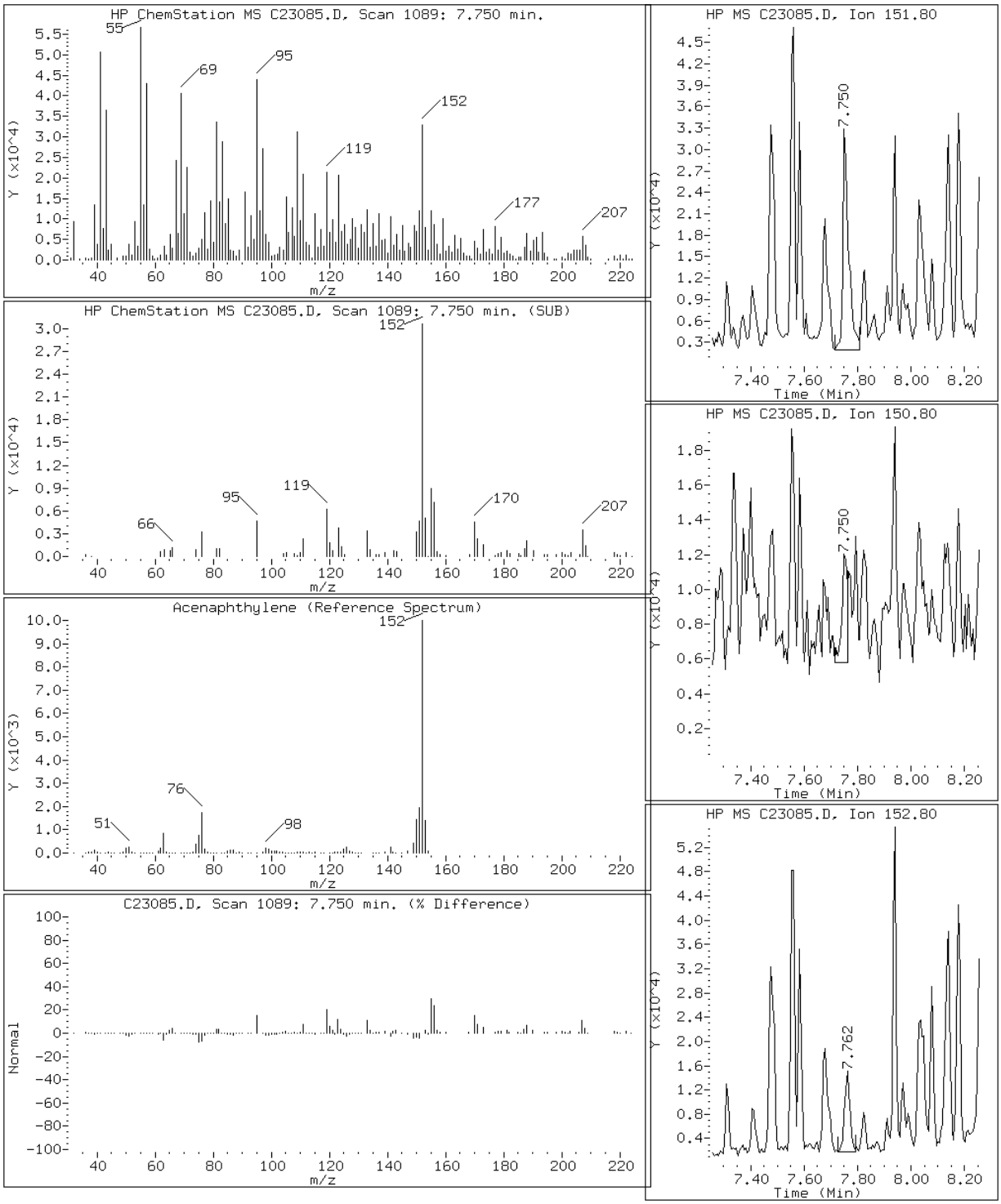
Data File: C23085.D

Date: 04-MAY-2011 17:44

Client ID: SB/MW-UST-5,3'-5' Instrument: msc.i

Sample Info: 220-15334-B-2-A Operator: S.Jonas

43 Acenaphthylene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: MW-X | Lab Sample ID: 220-15334-4

Matrix: Water | Lab File ID: Z19917.D

Analysis Method: 8270C | Date Collected: 04/27/2011 13:10

Extract. Method: 3510C | Date Extracted: 04/28/2011 13:57

Sample wt/vol: 1000(mL) | Date Analyzed: 05/04/2011 21:17

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50456 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	4.0	U	4.0	0.30
83-32-9	Acenaphthene	4.0	U	4.0	0.31
86-73-7	Fluorene	4.0	U	4.0	0.26
85-01-8	Phenanthrene	4.0	U	4.0	0.28
120-12-7	Anthracene	4.0	U	4.0	0.29
129-00-0	Pyrene	4.0	U	4.0	0.33
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36
206-44-0	Fluoranthene	4.0	U	4.0	0.31
208-96-8	Acenaphthylene	4.0	U	4.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	62		40-120
321-60-8	2-Fluorobiphenyl	66		39-120
1718-51-0	Terphenyl-d14	79		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\Z19917.D
Lab Smp Id: 220-15334-E-4-A Client Smp ID: MW-X
Inj Date : 04-MAY-2011 21:17
Operator : S.Jonas Inst ID: msz.i
Smp Info : 220-15334-E-4-A
Misc Info : 220-15334-E-4-A
Comment :
Method : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\MSZ-8270C.m
Meth Date : 05-May-2011 08:01 conbna Quant Type: ISTD
Cal Date : 29-APR-2011 12:55 Cal File: Za19820.D
Als bottle: 23
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

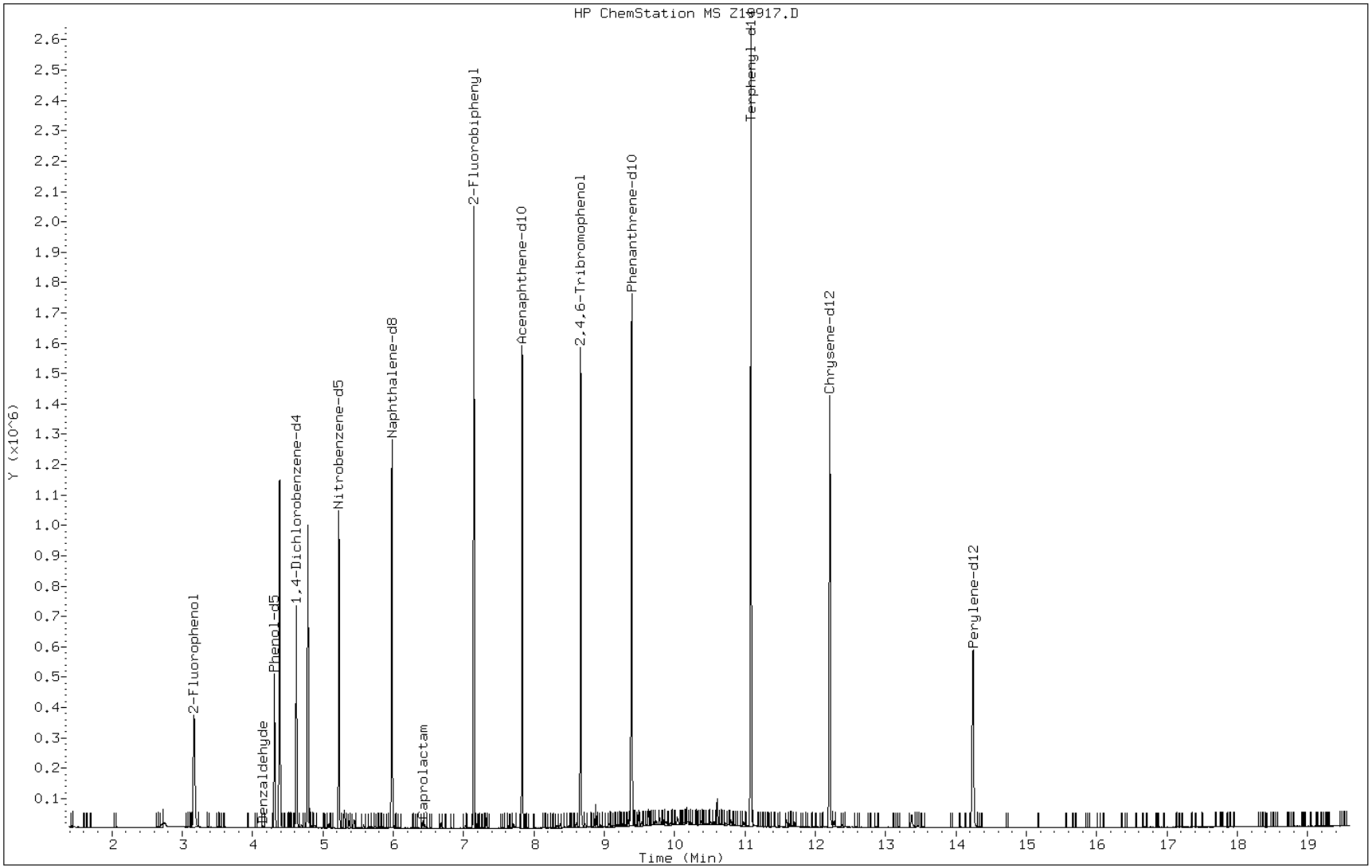
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.622	4.625	(1.000)	109825	20.0000	
$	2 2-Fluorophenol	112	3.167	3.174	(0.685)	161902	24.7428	25
$	3 Phenol-d5	99	4.311	4.324	(0.933)	159787	16.9732	17
	128 Benzaldehyde	77	4.150	4.140	(0.898)	1436	1.34266	1
*	20 Naphthalene-d8	136	5.980	5.986	(1.000)	490836	20.0000	
$	21 Nitrobenzene-d5	82	5.228	5.234	(0.874)	295790	30.7926	31
	129 Caprolactam	113	6.415	6.512	(1.073)	2178	0.97093	1.0
*	35 Acenaphthene-d10	164	7.833	7.836	(1.000)	309544	20.0000	
$	40 2-Fluorobiphenyl	172	7.146	7.149	(0.912)	576519	33.0841	33
$	56 2,4,6-Tribromophenol	330	8.666	8.672	(1.106)	167159	54.9624	55
*	57 Phenanthrene-d10	188	9.390	9.393	(1.000)	576811	20.0000	
*	70 Chrysene-d12	240	12.206	12.218	(1.000)	552753	20.0000	
$	73 Terphenyl-d14	244	11.087	11.087	(0.908)	816090	39.3917	39
*	79 Perylene-d12	264	14.245	14.248	(1.000)	338107	20.0000	

Data File: Z19917.D

Date: 04-MAY-2011 21:17

Client ID: MW-X Instrument: msz.i

Sample Info: 220-15334-E-4-A Operator: S.Jonas



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50312/2	C22989.D
Level 2	IC 220-50312/3	C22990.D
Level 3	IC 220-50312/4	C22991.D
Level 4	IC 220-50312/5	C22992.D
Level 5	ICIS 220-50312/1	C22988.D
Level 6	IC 220-50312/6	C22993.D
Level 7	IC 220-50312/7	C22994.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.2715 0.3163	0.2534 0.3030	0.2937	0.3045	0.2911	Ave		0.2905				7.4		15.0			
Pyridine	0.3448 0.4200	0.2816 0.4041	0.3960	0.4007	0.3982	Ave		0.3779				12.8		15.0			
Cyclohexanone	0.7985 0.7741	0.7782 0.7140	0.7744	0.7850	0.7563	Ave		0.7686				3.5		15.0			
Benzaldehyde	0.1198 0.1717	0.1197 0.1332	0.1198	0.1888	0.2915	Ave		0.1635				38.5	*	15.0			
Aniline	2.0013 2.0809	2.1935 1.9296	2.1717	2.1738	2.1246	Ave		2.0965				4.7		15.0			
Phenol	1.9509 1.8601	1.8768 1.7434	1.8745	1.8905	1.8147	Ave		1.8587				3.5		30.0			
Bis(2-chloroethyl)ether	1.1650 1.1129	1.0343 1.0854	1.0160	1.0221	1.0859	Ave		1.0745				5.1		15.0			
2-Chlorophenol	1.5015 1.5176	1.4922 1.4512	1.4933	1.4968	1.4795	Ave		1.4903				1.4		15.0			
1,3-Dichlorobenzene	1.6233 1.6368	1.5616 1.5758	1.5890	1.5989	1.5873	Ave		1.5961				1.6		15.0			
1,4-Dichlorobenzene	1.6329 1.6685	1.5792 1.6144	1.5760	1.6348	1.5807	Ave		1.6124				2.2		30.0			
1,2-Dichlorobenzene	1.5441 1.5558	1.5102 1.5039	1.5003	1.5177	1.4771	Ave		1.5156				1.8		15.0			
Benzyl alcohol	0.9474 0.8983	0.9268 0.8257	0.9379	0.9569	0.9626	Ave		0.9222				5.2		15.0			
2-Methylphenol	1.4438 1.3331	1.3510 1.2633	1.3240	1.3299	1.2937	Ave		1.3341				4.2		15.0			
2,2'-oxybis[1-chloropropane]	1.9678 1.8588	1.8654 1.7726	1.8852	1.8644	1.8270	Ave		1.8630				3.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.9831 1.9022	1.8879 1.8229	1.9173	1.9223	1.8565	Ave		1.8989				2.7		15.0			
N-Nitrosodi-n-propylamine	1.0302 0.9682	0.9620 0.8999	0.9740	0.9629	0.9595	Ave		0.9652			0.0500	3.9		15.0			
Methylphenol, 3 & 4	1.4967 1.3745	1.4220 1.2995	1.4152	1.4231	1.3729	Ave		1.4006				4.3		15.0			
Hexachloroethane	0.7122 0.7190	0.6857 0.6827	0.6965	0.7085	0.6889	Ave		0.6991				2.0		15.0			
Nitrobenzene	0.3702 0.3546	0.3570 0.3466	0.3557	0.3563	0.3543	Ave		0.3564				2.0		15.0			
Isophorone	0.6752 0.6463	0.6405 0.6367	0.6398	0.6340	0.6364	Ave		0.6441				2.2		15.0			
2-Nitrophenol	0.2104 0.2015	0.2004 0.1954	0.2024	0.2019	0.2011	Ave		0.2019				2.2		30.0			
2,4-Dimethylphenol	0.3385 0.3150	0.3273 0.3101	0.3251	0.3233	0.3121	Ave		0.3216				3.1		15.0			
Bis(2-chloroethoxy)methane	0.4371 0.4078	0.4239 0.4015	0.4176	0.4091	0.4112	Ave		0.4155				2.9		15.0			
Benzoic acid	0.2073 0.2468	0.1325 0.2453	0.1874	0.1958	0.2360	Lin	0.2169	0.2593						15.0	0.9924		0.9900
2,4-Dichlorophenol	0.3056 0.2832	0.2914 0.2781	0.2916	0.2849	0.2767	Ave		0.2874				3.4		30.0			
1,2,4-Trichlorobenzene	0.3122 0.2937	0.3089 0.2891	0.3030	0.2891	0.2848	Ave		0.2973				3.6		15.0			
Naphthalene	1.0761 0.9433	1.0280 0.8554	1.0084	0.9739	0.9428	Ave		0.9754				7.3		15.0			
4-Chloroaniline	0.3723 0.4040	0.4199 0.3804	0.4386	0.4314	0.4181	Ave		0.4093				6.1		15.0			
Hexachlorobutadiene	0.1727 0.1637	0.1672 0.1632	0.1659	0.1651	0.1609	Ave		0.1655				2.3		30.0			
Caprolactam	0.0908 0.0985	0.0814 0.0954	0.0828	0.0942	0.0996	Ave		0.0918				7.9		15.0			
4-Chloro-3-methylphenol	0.3016 0.2777	0.2951 0.2726	0.2906	0.2858	0.2776	Ave		0.2859				3.7		30.0			
2,4,5-Trichlorotoluene	1.1755 1.0567	1.1124 1.0026	1.0864	1.0699	1.0381	Ave		1.0774				5.2		15.0			
2-Methylnaphthalene	0.7423 0.6452	0.7049 0.6296	0.6760	0.6515	0.6328	Ave		0.6689				6.2		15.0			
1,2,4,5-Tetrachlorobenzene	0.2639 0.2262	0.1870 0.2197	0.2318	0.1798	0.2093	Ave		0.2168				13.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Hexachlorocyclopentadiene	0.1358 0.2872	0.1685 0.2753	0.2208	0.2515	0.2624	Lin	0.0925	0.2853			0.0500			15.0	0.9984		0.9900
2,4,6-Trichlorophenol	0.3627 0.3230	0.3414 0.3194	0.3508	0.3339	0.3182	Ave		0.3357				5.1		30.0			
2,4,5-Trichlorophenol	0.3602 0.3467	0.3481 0.3418	0.3429	0.3375	0.3314	Ave		0.3441				2.6		15.0			
1,1'-Biphenyl	1.5109 1.2680	1.3761 1.1744	1.3625	1.2851	1.1848	Ave		1.3088				9.0		15.0			
2-Chloronaphthalene	1.2095 1.0237	1.1232 1.0044	1.0911	1.0361	0.9577	Ave		1.0637				7.9		15.0			
2-Nitroaniline	0.3013 0.2905	0.2972 0.2858	0.2972	0.2917	0.2859	Ave		0.2928				2.0		15.0			
Dimethyl phthalate	1.2523 1.0859	1.1692 1.0551	1.1715	1.1381	1.0792	Ave		1.1359				6.0		15.0			
2,6-Dinitrotoluene	0.2886 0.2650	0.2767 0.2537	0.2831	0.2774	0.2664	Ave		0.2730				4.4		15.0			
Acenaphthylene	1.9566 1.5973	1.8407 1.4815	1.8045	1.7426	1.5620	Ave		1.7122				10.0		15.0			
3-Nitroaniline	0.3277 0.3263	0.3121 0.3091	0.3436	0.3378	0.3358	Ave		0.3275				4.0		15.0			
Acenaphthene	1.1720 0.9793	1.1213 0.9599	1.0968	1.0395	0.9482	Ave		1.0453				8.3		30.0			
2,4-Dinitrophenol	+++++ 0.1688	0.1001 0.1673	0.1551	0.1558	0.1678	Lin	0.1708	0.1772			0.0500			15.0	0.9987		0.9900
4-Nitrophenol	0.1386 0.1805	0.1469 0.1837	0.1618	0.1654	0.1609	Ave		0.1625			0.0500	10.1		15.0			
Dibenzofuran	1.6480 1.3104	1.5431 1.2956	1.4672	1.3680	1.2610	Ave		1.4133				10.2		15.0			
2,4-Dinitrotoluene	0.3832 0.3331	0.3617 0.3289	0.3551	0.3387	0.3239	Ave		0.3464				6.1		15.0			
2,3,4,6-Tetrachlorophenol	0.2715 0.2393	0.2109 0.2362	0.2733	0.2047	0.2334	Ave		0.2385				11.1		15.0			
Diethyl phthalate	1.2655 1.0837	1.1899 1.0570	1.1863	1.1455	1.0862	Ave		1.1449				6.5		15.0			
Fluorene	1.3578 1.1020	1.2822 1.1042	1.2249	1.1827	1.0582	Ave		1.1874				9.1		15.0			
4-Chlorophenyl phenyl ether	0.5947 0.4772	0.5530 0.4854	0.5423	0.5061	0.4519	Ave		0.5158				9.7		15.0			
4-Nitroaniline	0.2805 0.3142	0.2739 0.3104	0.3198	0.3158	0.3165	Ave		0.3045				6.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4,6-Dinitro-2-methylphenol	0.1082 0.1375	0.1167 0.1317	0.1347	0.1362	0.1368	Ave		0.1288				9.0		15.0			
N-Nitrosodiphenylamine	0.6188 0.5107	0.6082 0.4944	0.5837	0.5581	0.5225	Ave		0.5566				8.8		30.0			
1,2-Diphenylhydrazine	0.8330 0.6823	0.7744 0.6524	0.7707	0.7316	0.6930	Ave		0.7339				8.6		15.0			
4-Bromophenyl phenyl ether	0.2245 0.1749	0.2084 0.1708	0.2106	0.1927	0.1734	Ave		0.1936				11.0		15.0			
Hexachlorobenzene	0.2457 0.1894	0.2233 0.1824	0.2131	0.2053	0.1820	Ave		0.2059				11.4		15.0			
Simazine	0.1318 0.1291	0.1269 0.1257	0.1293	0.1281	0.1283	Ave		0.1285				1.5		15.0			
Atrazine	0.2059 0.1928	0.1983 0.1825	0.1956	0.1918	0.1812	Ave		0.1926				4.5		15.0			
Pentachlorophenol	0.1219 0.1200	0.1227 0.1172	0.1252	0.1237	0.1199	Ave		0.1215				2.2		30.0			
Pentachloronitrobenzene	0.1021 0.0912	0.0796 0.0861	0.1001	0.0766	0.0869	Ave		0.0889				10.8		15.0			
Phenanthrene	1.2777 0.9613	1.1812 0.9215	1.1344	1.0739	0.9724	Ave		1.0746				12.2		15.0			
Anthracene	1.3459 0.9873	1.2404 0.9478	1.2082	1.1159	1.0051	Ave		1.1215				13.3		15.0			
Carbazole	1.1790 0.9460	1.1132 0.8916	1.1027	1.0546	0.9716	Ave		1.0370				10.0		15.0			
Di-n-butyl phthalate	1.5229 1.1408	1.3988 1.0313	1.3511	1.3159	1.2002	Ave		1.2801				13.0		15.0			
Fluoranthene	1.3154 0.9794	1.2139 0.9231	1.1881	1.1340	1.0384	Ave		1.1132				12.5		30.0			
Benzidine	0.1542 0.3604	0.1466 0.3281	0.2792	0.3350	0.3796	Lin	0.0519	0.3518						15.0	0.9916		0.9900
Pyrene	1.2946 1.1713	1.2275 1.1991	1.1877	1.1879	1.1813	Ave		1.2071				3.5		15.0			
3,3'-Dimethylbenzidine	0.3306 0.2352	0.2239 0.2153	0.1682	0.2029	0.2497	Lin	0.0126	0.2270						15.0	0.9910		0.9900
Butyl benzyl phthalate	0.5496 0.5601	0.5439 0.5425	0.5539	0.5750	0.5951	Ave		0.5600				3.4		15.0			
3,3'-Dichlorobenzidine	0.3357 0.2640	0.3201 0.2355	0.2926	0.3003	0.2963	Ave		0.2921				11.5		15.0			
Benzo[a]anthracene	1.0866 0.9449	1.0541 0.9067	1.0249	1.0305	1.0209	Ave		1.0098				6.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chrysene	1.0157 0.9188	1.0119 0.8575	1.0052	1.0063	0.9626	Ave		0.9683				6.2		15.0			
Bis(2-ethylhexyl) phthalate	0.6280 0.7732	0.6353 0.7213	0.6826	0.7402	0.7644	Ave		0.7064				8.4		15.0			
Di-n-octyl phthalate	0.8893 2.3206	0.9314 2.3125	1.1654	1.4547	2.2663	Lin	0.1961	2.4458						30.0	0.9945		0.9900
Benzo[b]fluoranthene	1.1055 1.4328	1.1042 1.3828	1.1508	1.2307	1.5581	Ave		1.2807				14.0		15.0			
Benzo[k]fluoranthene	1.1144 1.4768	1.0703 1.3599	1.1350	1.2880	1.5544	Ave		1.2856				14.6		15.0			
Benzo[a]pyrene	0.9010 1.0659	0.8468 1.0485	0.9098	0.9763	1.0978	Ave		0.9780				9.8		30.0			
Indeno[1,2,3-cd]pyrene	0.4933 0.7951	0.4859 0.8888	0.4742	0.4756	0.6378	Qua	0.1011	1.6487	-0.159					15.0	0.9960		0.9900
Dibenz(a,h)anthracene	0.4106 0.7493	0.4272 0.8607	0.4176	0.4296	0.6144	Qua	0.1208	1.7252	-0.177					15.0	0.9959		0.9900
Benzo[g,h,i]perylene	0.4606 0.7752	0.4643 0.8844	0.4331	0.4269	0.6210	Qua	0.1210	1.6904	-0.172					15.0	0.9948		0.9900
2-Fluorophenol	1.3989 1.4823	1.4081 1.4101	1.4147	1.4415	1.4062	Ave		1.4231				2.1		15.0			
Phenol-d5	1.7652 1.7066	1.7073 1.6488	1.7099	1.7220	1.6779	Ave		1.7054				2.1		15.0			
Nitrobenzene-d5	0.3657 0.3559	0.3559 0.3469	0.3510	0.3498	0.3459	Ave		0.3530				1.9		15.0			
2-Fluorobiphenyl	1.2533 1.1018	1.1794 1.0831	1.1820	1.1383	1.0436	Ave		1.1402				6.2		15.0			
2,4,6-Tribromophenol	0.1574 0.1315	0.1510 0.1322	0.1421	0.1400	0.1336	Ave		0.1411				7.0		15.0			
Terphenyl-d14	0.8178 0.6898	0.7768 0.7286	0.7586	0.7407	0.6968	Ave		0.7442				6.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50312/2	C22989.D
Level 2	IC 220-50312/3	C22990.D
Level 3	IC 220-50312/4	C22991.D
Level 4	IC 220-50312/5	C22992.D
Level 5	ICIS 220-50312/1	C22988.D
Level 6	IC 220-50312/6	C22993.D
Level 7	IC 220-50312/7	C22994.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	19549 607110	34080 798687	101716	193822	415567	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyridine	DCB	Ave	24829 806243	37882 1065244	137131	255092	568301	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	57503 1485913	104671 1882150	268166	499740	1079544	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzaldehyde	DCB	Ave	8626 329519	16101 351108	41499	120165	416027	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Aniline	DCB	Ave	144120 3994339	295035 5086364	752061	1383789	3032504	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol	DCB	Ave	140490 3570616	252444 4595593	649138	1203444	2590151	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethyl)ether	DCB	Ave	83896 2136205	139123 2861190	351842	650679	1549993	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chlorophenol	DCB	Ave	108130 2913218	200715 3825307	517146	952875	2111805	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,3-Dichlorobenzene	DCB	Ave	116899 3141856	210042 4153894	550267	1017858	2265670	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,4-Dichlorobenzene	DCB	Ave	117596 3202721	212415 4255581	545770	1040677	2256144	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Dichlorobenzene	DCB	Ave	111197 2986491	203126 3964340	519564	966134	2108304	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzyl alcohol	DCB	Ave	68230 1724357	124659 2176553	324788	609167	1373977	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylphenol	DCB	Ave	103976 2558914	181721 3330043	458501	846588	1846566	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	141712 3568022	250908 4672640	652836	1186837	2607722	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acetophenone	DCB	Ave	142814 3651428	253938 4805142	663981	1223724	2649911	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	74187 1858609	129395 2372098	337286	612967	1369550	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Methylphenol, 3 & 4	DCB	Ave	107783 2638406	191264 3425474	490098	905912	1959613	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachloroethane	DCB	Ave	51288 1380082	92227 1799734	241201	451006	983234	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene	NPT	Ave	105610 2746470	191881 3609081	493412	918450	2035313	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Isophorone	NPT	Ave	192608 5006220	344296 6630821	887480	1634471	3655440	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitrophenol	NPT	Ave	60016 1560705	107714 2034933	280802	520595	1155291	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dimethylphenol	NPT	Ave	96560 2439764	175916 3229710	451014	833367	1792482	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethoxy)methane	NPT	Ave	124708 3158323	227871 4181071	579325	1054748	2361857	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzoic acid	NPT	Lin	59131 1911495	178085 2554862	649967	757286	1355702	2.00 60.0	10.0 80.0	25.0	30.0	40.0
2,4-Dichlorophenol	NPT	Ave	87186 2193415	156628 2895774	404456	734475	1589596	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4-Trichlorobenzene	NPT	Ave	89057 2274906	166059 3010234	420314	745373	1635941	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Naphthalene	NPT	Ave	306980 7306298	552561 8907634	1398891	2510670	5415186	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloroaniline	NPT	Ave	106219 3129233	225734 3961286	608461	1112178	2401711	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobutadiene	NPT	Ave	49279 1267999	89891 1699351	230172	425512	924039	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Caprolactam	NPT	Ave	25896 763228	43750 993826	114888	242939	572088	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloro-3-methylphenol	NPT	Ave	86051 2151081	158631 2838997	403193	736823	1594587	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,5-Trichlorotoluene	DCB	Ave	84651 2028420	149628 2642761	376230	681078	1481728	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylnaphthalene	NPT	Ave	211757 4997455	378901 6556587	937720	1679530	3634738	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	43392 984409	72693 1276389	181887	327430	702487	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Hexachlorocyclopentadiene	ANT	Lin	22319 1249889	52386 1599339	173244	366424	880804	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,6-Trichlorophenol	ANT	Ave	59633 1405687	106154 1855739	275300	486515	1068300	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,5-Trichlorophenol	ANT	Ave	148036 1508542	270558 1986079	672703	737663	1112333	5.00 60.0	10.0 80.0	25.0	30.0	40.0
1,1'-Biphenyl	ANT	Ave	248396 5518144	427857 6823141	1069226	1872355	3977208	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chloronaphthalene	ANT	Ave	198848 4455014	349228 5835584	856245	1509571	3214969	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitroaniline	ANT	Ave	49533 1264284	92415 1660539	233201	424944	959741	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dimethyl phthalate	ANT	Ave	205880 4725430	363532 6130085	919312	1658151	3622881	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,6-Dinitrotoluene	ANT	Ave	47439 1153199	86043 1474166	222146	404160	894180	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthylene	ANT	Ave	321673 6951035	572320 8607244	1416011	2538887	5243441	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3-Nitroaniline	ANT	Ave	53875 1420155	97025 1795610	269599	492217	1127116	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthene	ANT	Ave	192669 4261652	348629 5577156	860708	1514538	3183200	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrophenol	ANT	Lin	+++++ 734766	77782 972255	304341	340578	563240	+++++ 60.0	10.0 80.0	25.0	30.0	40.0
4-Nitrophenol	ANT	Ave	56971 785702	114160 1067544	317383	361418	540161	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Dibenzofuran	ANT	Ave	270930 5702358	479773 7527219	1151381	1993217	4233121	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	62998 1449473	112448 1910658	278617	493549	1087217	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	44627 1041327	81976 1372494	214462	372720	783485	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Diethyl phthalate	ANT	Ave	208044 4716135	369974 6140887	930903	1668996	3646188	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluorene	ANT	Ave	223221 4795521	398674 6415554	961187	1723176	3552442	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chlorophenyl phenyl ether	ANT	Ave	97764 2076492	171952 2820084	425578	737414	1517156	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Nitroaniline	ANT	Ave	46122 1367384	85176 1803342	250941	460111	1062527	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4,6-Dinitro-2-methylphenol	PHN	Ave	65148 890091	131545 1160624	386651	438547	681640	5.00 60.0	10.0 80.0	25.0	30.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	149080 3305262	274142 4355946	670250	1197915	2602952	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Diphenylhydrazine	PHN	Ave	200697 4415562	349098 5747903	884994	1570307	3452306	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Bromophenyl phenyl ether	PHN	Ave	54078 1131652	93925 1505324	241781	413572	863577	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobenzene	PHN	Ave	59191 1225700	100659 1607014	244751	440666	906713	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Simazine	PHN	Ave	31754 835382	57196 1107863	148522	275030	639333	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Atrazine	PHN	Ave	49602 1247671	89390 1608084	224643	411593	902790	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pentachlorophenol	PHN	Ave	73443 776274	138276 1032741	359530	398208	597235	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Pentachloronitrobenzene	PHN	Ave	24588 590142	44870 758520	114910	205555	432787	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Phenanthrene	PHN	Ave	307848 6221200	532449 8119525	1302622	2304930	4843916	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Anthracene	PHN	Ave	324265 6389479	559166 8350546	1387304	2395039	5006798	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Carbazole	PHN	Ave	284052 6122167	501799 7855669	1266215	2263456	4840166	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-butyl phthalate	PHN	Ave	366906 7382831	630543 9086587	1551440	2824310	5978589	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluoranthene	PHN	Ave	316925 6338149	547202 8132892	1364263	2433956	5172723	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzidine	CRY	Lin	38524 2011549	67645 2268574	332785	715983	1747807	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyrene	CRY	Ave	323523 6537870	566412 8291053	1415873	2538804	5439425	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dimethylbenzidine	CRY	Lin	82610 1312840	103338 1488969	200555	433585	1149946	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Butyl benzyl phthalate	CRY	Ave	137354 3126408	250982 3751316	660315	1228915	2740234	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dichlorobenzidine	CRY	Ave	83894 1473605	147690 1628415	348811	641875	1364519	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]anthracene	CRY	Ave	271548 5274186	486400 6269370	1221813	2202429	4700825	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Chrysene	CRY	Ave	253830 5128328	466925 5929260	1198347	2150726	4432397	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	156938 4315477	293142 4987063	813708	1582051	3519547	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-octyl phthalate	PRY	Lin	163534 5766205	325945 6956974	1014889	2047137	4195470	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[b]fluoranthene	PRY	Ave	203285 3560208	386430 4160022	1002203	1731905	2884356	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50312

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 11:04 Calibration End Date: 04/29/2011 13:58 Calibration ID: 10514

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzo[k]fluoranthene	PRY	Ave	204928 3669457	374568 4091133	988484	1812590	2877622	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]pyrene	PRY	Ave	165688 2648465	296362 3154245	792293	1373911	2032220	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Indeno[1,2,3-cd]pyrene	PRY	Qua	90706 1975549	170064 2673830	412949	669288	1180695	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dibenz(a,h)anthracene	PRY	Qua	75506 1861815	149495 2589302	363718	604611	1137324	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[g,h,i]perylene	PRY	Qua	84705 1926263	162498 2660526	377137	600760	1149652	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorophenol	DCB	Ave	100742 2845323	189392 3716957	489904	917648	2007153	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol-d5	DCB	Ave	127119 3275938	229638 4346249	592138	1096221	2394963	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene-d5	NPT	Ave	104317 2756443	191294 3612737	486964	901796	1986686	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorobiphenyl	ANT	Ave	206046 4794767	366690 6292405	927561	1658535	3503415	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,6-Tribromophenol	ANT	Ave	64693 572184	117346 768340	278869	305893	448471	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Terphenyl-d14	CRY	Ave	204360 3850419	358444 5038063	904348	1583062	3208184	2.00 60.0	4.00 80.0	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\C22988.D
Lab Smp Id: ICIS-605031 Client Smp ID: ICIS-605031
Inj Date : 29-APR-2011 11:04
Operator : S.Jonas Inst ID: msc.i
Smp Info : ICIS-605031
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\MSC-8270C.m
Meth Date : 02-May-2011 10:12 msc.i Quant Type: ISTD
Cal Date : 29-APR-2011 13:00 Cal File: C22992.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.741	4.741	(1.000)	713668	20.0000	
$ 2	2-Fluorophenol	112	3.298	3.298	(0.696)	2007153	40.0000	40
$ 3	Phenol-d5	99	4.426	4.426	(0.934)	2394963	40.0000	39
4	Pyridine	52	1.541	1.541	(0.325)	568301	40.0000	42
5	N-Nitrosodimethylamine	42	1.518	1.518	(0.320)	415567	40.0000	40
6	Cyclohexanone	42	3.518	3.518	(0.742)	1079544	40.0000	39
128	Benzaldehyde	77	4.260	4.260	(0.899)	416027	40.0000	71
7	Phenol	94	4.444	4.444	(0.937)	2590151	40.0000	39
8	Aniline	93	4.402	4.402	(0.929)	3032504	40.0000	41
9	bis(2-Chloroethyl)ether	63	4.503	4.503	(0.950)	1549993	40.0000	40
10	2-Chlorophenol	128	4.521	4.521	(0.954)	2111805	40.0000	40
11	1,3-Dichlorobenzene	146	4.681	4.681	(0.987)	2265670	40.0000	40
12	1,4-Dichlorobenzene	146	4.764	4.764	(1.005)	2256144	40.0000	39
13	Benzyl alcohol	108	4.936	4.936	(1.041)	1373977	40.0000	42
14	1,2-Dichlorobenzene	146	4.925	4.925	(1.039)	2108304	40.0000	39
15	2,2'-oxybis(1-Chloropropane)	45	5.085	5.085	(1.073)	2607722	40.0000	39
16	2-Methylphenol	108	5.085	5.085	(1.073)	1846566	40.0000	39
92	Acetophenone	105	5.204	5.204	(1.098)	2649911	40.0000	39
17	Hexachloroethane	117	5.281	5.281	(1.114)	983234	40.0000	39
18	N-Nitroso-di-n-propylamine	70	5.233	5.233	(1.104)	1369550	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.251	5.251	(1.108)	1959613	40.0000	39
*	20 Naphthalene-d8	136	6.106	6.106	(1.000)	2871916	20.0000	
$	21 Nitrobenzene-d5	82	5.352	5.352	(0.877)	1986686	40.0000	39
	22 Nitrobenzene	77	5.370	5.370	(0.879)	2035313	40.0000	40(H)
	23 Isophorone	82	5.643	5.643	(0.924)	3655440	40.0000	40
	24 2-Nitrophenol	139	5.714	5.714	(0.936)	1155291	40.0000	40
	25 2,4-Dimethylphenol	122	5.803	5.803	(0.950)	1792482	40.0000	39
	26 Benzoic Acid	122	5.987	5.987	(0.981)	1355702	40.0000	42(M)
	27 Bis(2-Chloroethoxy)methane	93	5.898	5.898	(0.966)	2361857	40.0000	40
	28 2,4-Dichlorophenol	162	5.981	5.981	(0.980)	1589596	40.0000	39
	29 1,2,4-Trichlorobenzene	180	6.058	6.058	(0.992)	1635941	40.0000	38
	30 Naphthalene	128	6.129	6.129	(1.004)	5415186	40.0000	39
	31 4-Chloroaniline	127	6.207	6.207	(1.017)	2401711	40.0000	41
	32 Hexachlorobutadiene	225	6.284	6.284	(1.029)	924039	40.0000	39
	129 Caprolactam	113	6.640	6.640	(1.087)	572088	40.0000	43(M)
	33 4-Chloro-3-methylphenol	107	6.759	6.759	(1.107)	1594587	40.0000	39
	34 2-Methylnaphthalene	142	6.871	6.871	(1.125)	3634738	40.0000	38
*	35 Acenaphthene-d10	164	7.963	7.963	(1.000)	1678481	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.830	6.830	(1.441)	1481728	40.0000	39
	37 Hexachlorocyclopentadiene	237	7.049	7.049	(0.885)	880804	40.0000	39
	38 2,4,6-Trichlorophenol	196	7.186	7.186	(0.902)	1068300	40.0000	38
	39 2,4,5-Trichlorophenol	196	7.222	7.222	(0.907)	1112333	40.0000	39
$	40 2-Fluorobiphenyl	172	7.275	7.275	(0.914)	3503415	40.0000	37
	130 1,1'-Biphenyl	154	7.370	7.370	(0.925)	3977208	40.0000	36
	41 2-Chloronaphthalene	162	7.382	7.382	(0.927)	3214969	40.0000	36
	42 2-Nitroaniline	65	7.500	7.500	(0.942)	959741	40.0000	39
	43 Acenaphthylene	152	7.809	7.809	(0.981)	5243441	40.0000	36
	44 Dimethylphthalate	163	7.720	7.720	(0.969)	3622881	40.0000	38
	45 2,6-Dinitrotoluene	165	7.768	7.768	(0.975)	894180	40.0000	39
	46 Acenaphthene	153	7.999	7.999	(1.004)	3183200	40.0000	36
	47 3-Nitroaniline	138	7.940	7.940	(0.997)	1127116	40.0000	41
	48 2,4-Dinitrophenol	184	8.047	8.047	(1.010)	563240	40.0000	41
	49 Dibenzofuran	168	8.183	8.183	(1.028)	4233121	40.0000	36
	50 2,4-Dinitrotoluene	165	8.189	8.189	(1.028)	1087217	40.0000	37
	51 4-Nitrophenol	109	8.147	8.147	(1.023)	540161	40.0000	39
	52 Fluorene	166	8.545	8.545	(1.073)	3552442	40.0000	36
	53 4-Chlorophenyl-phenylether	204	8.557	8.557	(1.075)	1517156	40.0000	35
	54 Diethylphthalate	149	8.468	8.468	(1.063)	3646188	40.0000	38
	55 4-Nitroaniline	138	8.593	8.593	(1.079)	1062527	40.0000	42
$	56 2,4,6-Tribromophenol	330	8.800	8.800	(1.105)	448471	40.0000	38
*	57 Phenanthrene-d10	188	9.530	9.530	(1.000)	2490752	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.622	8.622	(0.905)	681640	40.0000	41
	59 N-Nitrosodiphenylamine (1)	169	8.693	8.693	(0.912)	2602952	40.0000	38
	60 1,2-Diphenylhydrazine	77	8.723	8.723	(0.915)	3452306	40.0000	38
	61 4-Bromophenyl-phenylether	248	9.067	9.067	(0.951)	863577	40.0000	36
	131 Atrazine	200	9.281	9.281	(0.974)	902790	40.0000	38
	62 Hexachlorobenzene	284	9.133	9.133	(0.958)	906713	40.0000	35
	63 Pentachlorophenol	266	9.340	9.340	(0.980)	597235	40.0000	40
	64 Phenanthrene	178	9.554	9.554	(1.002)	4843916	40.0000	36
	65 Carbazole	167	9.786	9.786	(1.027)	4840166	40.0000	37
	66 Anthracene	178	9.608	9.608	(1.008)	5006798	40.0000	36
	67 Di-n-butylphthalate	149	10.183	10.183	(1.069)	5978589	40.0000	38
	68 Fluoranthene	202	10.806	10.806	(1.134)	5172723	40.0000	37
*	70 Chrysene-d12	240	12.385	12.385	(1.000)	2302220	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.955	10.955	(0.885)	1747807	40.0000	54
72	Pyrene	202	11.044	11.044	(0.892)	5439425	40.0000	39
$ 73	Terphenyl-d14	244	11.222	11.222	(0.906)	3208184	40.0000	37
74	Butylbenzylphthalate	149	11.750	11.750	(0.949)	2740234	40.0000	43
124	3,3'-Dimethylbenzidine	212	11.726	11.726	(0.947)	1149946	40.0000	43
75	3,3'-Dichlorobenzidine	252	12.350	12.350	(0.997)	1364519	40.0000	41
76	Benzo(a)anthracene	228	12.367	12.367	(0.999)	4700825	40.0000	40
77	Chrysene	228	12.421	12.421	(1.003)	4432397	40.0000	40
78	Bis(2-Ethylhexyl)phthalate	149	12.439	12.439	(1.004)	3519547	40.0000	41
* 79	Perylene-d12	264	14.504	14.504	(1.000)	925626	20.0000	
80	Di-n-octylphthalate	149	13.335	13.335	(0.919)	4195470	40.0000	41
81	Benzo(b)fluoranthene	252	13.887	13.887	(0.957)	2884356	40.0000	49
82	Benzo(k)fluoranthene	252	13.928	13.928	(0.960)	2877622	40.0000	48
83	Benzo(a)pyrene	252	14.415	14.415	(0.994)	2032220	40.0000	45
84	Indeno(1,2,3-cd)pyrene	276	16.475	16.475	(1.136)	1180695	40.0000	39
85	Dibenzo(a,h)anthracene	278	16.528	16.528	(1.140)	1137324	40.0000	39
86	Benzo(g,h,i)perylene	276	16.997	16.997	(1.172)	1149652	40.0000	39
167	Simazine	201	9.251	9.251	(0.971)	639333	40.0000	40
103	1,2,4,5-Tetrachlorobenzene	216	7.049	7.049	(0.885)	702487	40.0000	39
109	2,3,4,6-Tetrachlorophenol	232	8.326	8.326	(1.045)	783485	40.0000	39
119	Pentachloronitrobenzene	237	9.358	9.358	(0.982)	432787	40.0000	39

QC Flag Legend

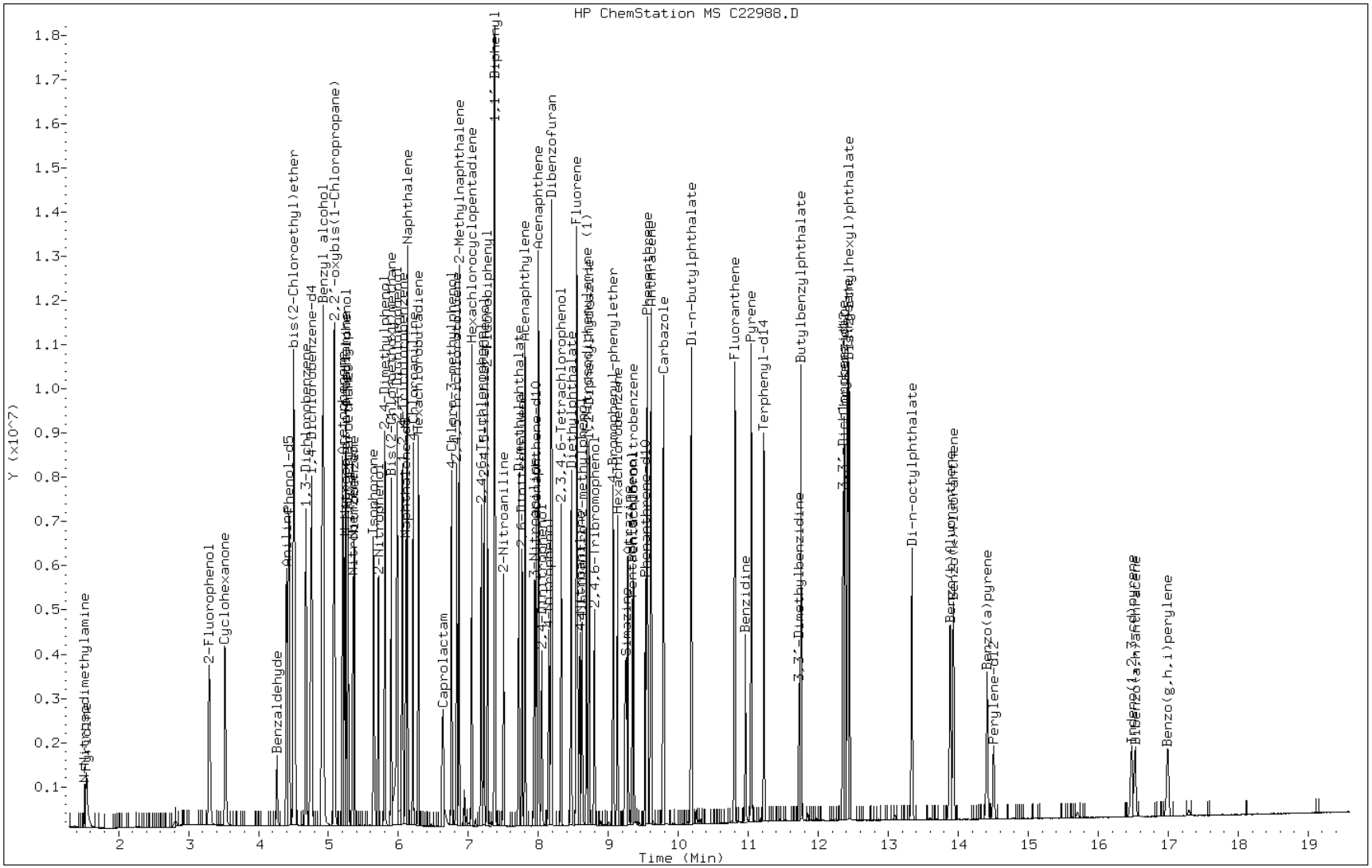
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C22988.D

Date: 29-APR-2011 11:04

Client ID: ICIS-605031 Instrument: msc.i

Sample Info: ICIS-605031 Operator: S.Jonas



Manual Integration Report

Data File: C22988.D
Inj. Date and Time: 29-APR-2011 11:04
Instrument ID: msc.i
Client ID: ICIS-605031
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/06/2011

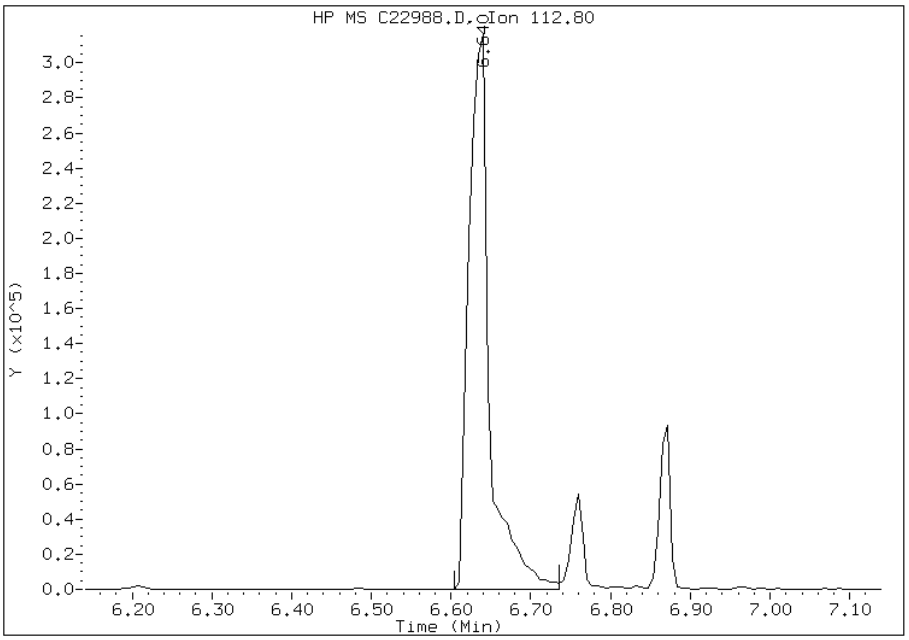
Processing Integration Results

RT: 6.64

Response: 572088

Amount: 50

Conc: 50



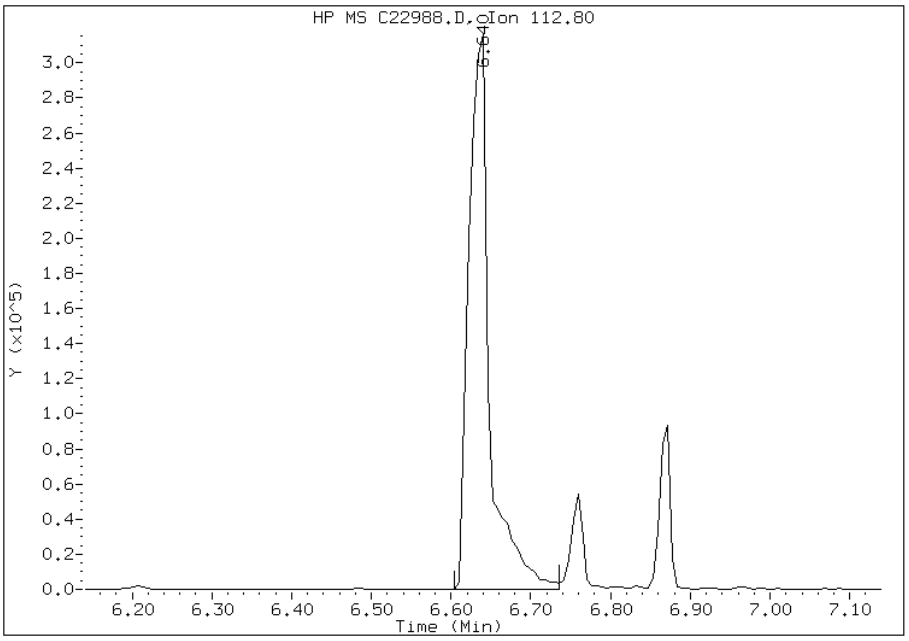
Manual Integration Results

RT: 6.64

Response: 572088

Amount: 43

Conc: 43



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C22988.D
Inj. Date and Time: 29-APR-2011 11:04
Instrument ID: msc.i
Client ID: ICIS-605031
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/06/2011

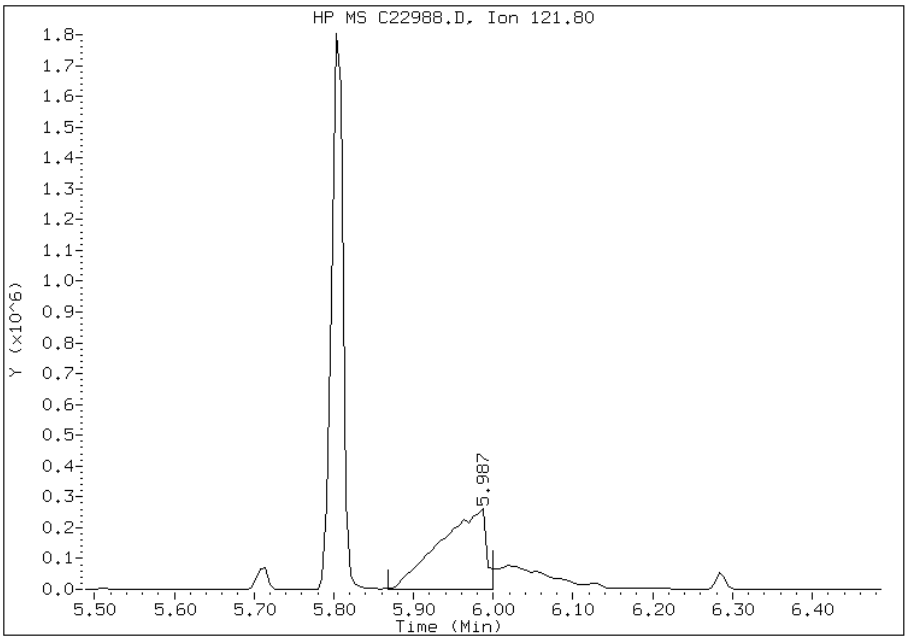
Processing Integration Results

RT: 5.99

Response: 1044141

Amount: 40

Conc: 40



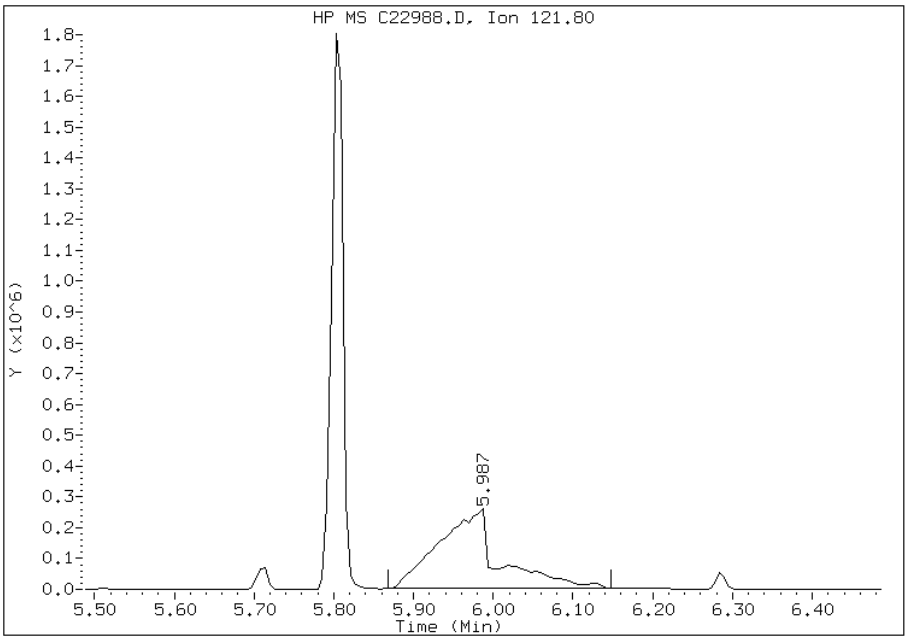
Manual Integration Results

RT: 5.99

Response: 1355702

Amount: 42

Conc: 42



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\C22989.D
Lab Smp Id: IC-605839 Client Smp ID: IC-605839
Inj Date : 29-APR-2011 11:33
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605839
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\MSC-8270C.m
Meth Date : 02-May-2011 10:04 stephan Quant Type: ISTD
Cal Date : 29-APR-2011 11:33 Cal File: C22989.D
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.741	4.741	(1.000)	720146	20.0000	
$ 2	2-Fluorophenol	112	3.293	3.293	(0.695)	100742	2.00000	2
$ 3	Phenol-d5	99	4.408	4.408	(0.930)	127119	2.00000	2
5	N-Nitrosodimethylamine	42	1.536	1.536	(0.324)	19549	2.00000	2
6	Cyclohexanone	42	3.530	3.530	(0.745)	57503	2.00000	2
128	Benzaldehyde	77	4.266	4.266	(0.900)	8626	2.00000	1
7	Phenol	94	4.426	4.426	(0.934)	140490	2.00000	2
8	Aniline	93	4.397	4.397	(0.927)	144120	2.00000	2
9	bis(2-Chloroethyl)ether	63	4.492	4.492	(0.947)	83896	2.00000	2
10	2-Chlorophenol	128	4.515	4.515	(0.952)	108130	2.00000	2
11	1,3-Dichlorobenzene	146	4.676	4.676	(0.986)	116899	2.00000	2
12	1,4-Dichlorobenzene	146	4.759	4.759	(1.004)	117596	2.00000	2
13	Benzyl alcohol	108	4.925	4.925	(1.039)	68230	2.00000	2
14	1,2-Dichlorobenzene	146	4.919	4.919	(1.038)	111197	2.00000	2
15	2,2'-oxybis(1-Chloropropane)	45	5.079	5.079	(1.071)	141712	2.00000	2
16	2-Methylphenol	108	5.067	5.067	(1.069)	103976	2.00000	2
92	Acetophenone	105	5.192	5.192	(1.095)	142814	2.00000	2
17	Hexachloroethane	117	5.275	5.275	(1.113)	51288	2.00000	2
18	N-Nitroso-di-n-propylamine	70	5.216	5.216	(1.100)	74187	2.00000	2
19	4-Methylphenol	108	5.233	5.233	(1.104)	107783	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
*	20 Naphthalene-d8	136	6.100	6.100	(1.000)	2852790	20.0000	
$	21 Nitrobenzene-d5	82	5.340	5.340	(0.875)	104317	2.00000	2
	22 Nitrobenzene	77	5.358	5.358	(0.878)	105610	2.00000	2(H)
	23 Isophorone	82	5.631	5.631	(0.923)	192608	2.00000	2
	24 2-Nitrophenol	139	5.702	5.702	(0.935)	60016	2.00000	2
	25 2,4-Dimethylphenol	122	5.791	5.791	(0.949)	96560	2.00000	2
	26 Benzoic Acid	122	5.880	5.880	(0.964)	59131	2.00000	5(M)
	27 Bis(2-Chloroethoxy)methane	93	5.886	5.886	(0.965)	124708	2.00000	2
	28 2,4-Dichlorophenol	162	5.969	5.969	(0.979)	87186	2.00000	2
	29 1,2,4-Trichlorobenzene	180	6.047	6.047	(0.991)	89057	2.00000	2
	30 Naphthalene	128	6.118	6.118	(1.003)	306980	2.00000	2
	31 4-Chloroaniline	127	6.201	6.201	(1.017)	106219	2.00000	2
	32 Hexachlorobutadiene	225	6.284	6.284	(1.030)	49279	2.00000	2
	129 Caprolactam	113	6.551	6.551	(1.074)	25896	2.00000	2(M)
	33 4-Chloro-3-methylphenol	107	6.741	6.741	(1.105)	86051	2.00000	2
	34 2-Methylnaphthalene	142	6.860	6.860	(1.125)	211757	2.00000	2
*	35 Acenaphthene-d10	164	7.958	7.958	(1.000)	1644001	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.824	6.824	(1.439)	84651	2.00000	2
	37 Hexachlorocyclopentadiene	237	7.044	7.044	(0.885)	22319	2.00000	3
	38 2,4,6-Trichlorophenol	196	7.174	7.174	(0.902)	59633	2.00000	2
	39 2,4,5-Trichlorophenol	196	7.210	7.210	(0.906)	148036	5.00000	5
$	40 2-Fluorobiphenyl	172	7.263	7.263	(0.913)	206046	2.00000	2
	130 1,1'-Biphenyl	154	7.364	7.364	(0.925)	248396	2.00000	2
	41 2-Chloronaphthalene	162	7.370	7.370	(0.926)	198848	2.00000	2
	42 2-Nitroaniline	65	7.489	7.489	(0.941)	49533	2.00000	2
	43 Acenaphthylene	152	7.803	7.803	(0.981)	321673	2.00000	2
	44 Dimethylphthalate	163	7.703	7.703	(0.968)	205880	2.00000	2
	45 2,6-Dinitrotoluene	165	7.756	7.756	(0.975)	47439	2.00000	2
	46 Acenaphthene	153	7.987	7.987	(1.004)	192669	2.00000	2
	47 3-Nitroaniline	138	7.922	7.922	(0.996)	53875	2.00000	2
	49 Dibenzofuran	168	8.171	8.171	(1.027)	270930	2.00000	2
	50 2,4-Dinitrotoluene	165	8.177	8.177	(1.028)	62998	2.00000	2
	51 4-Nitrophenol	109	8.130	8.130	(1.022)	56971	5.00000	4
	52 Fluorene	166	8.533	8.533	(1.072)	223221	2.00000	2
	53 4-Chlorophenyl-phenylether	204	8.551	8.551	(1.075)	97764	2.00000	2
	54 Diethylphthalate	149	8.450	8.450	(1.062)	208044	2.00000	2
	55 4-Nitroaniline	138	8.563	8.563	(1.076)	46122	2.00000	2
$	56 2,4,6-Tribromophenol	330	8.789	8.789	(1.104)	64693	5.00000	6
*	57 Phenanthrene-d10	188	9.519	9.519	(1.000)	2409303	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.605	8.605	(0.904)	65148	5.00000	4
	59 N-Nitrosodiphenylamine (1)	169	8.676	8.676	(0.911)	149080	2.00000	2
	60 1,2-Diphenylhydrazine	77	8.712	8.712	(0.915)	200697	2.00000	2
	61 4-Bromophenyl-phenylether	248	9.062	9.062	(0.952)	54078	2.00000	2
	131 Atrazine	200	9.258	9.258	(0.973)	49602	2.00000	2
	62 Hexachlorobenzene	284	9.121	9.121	(0.958)	59191	2.00000	2
	63 Pentachlorophenol	266	9.335	9.335	(0.981)	73443	5.00000	4
	64 Phenanthrene	178	9.542	9.542	(1.002)	307848	2.00000	2
	65 Carbazole	167	9.774	9.774	(1.027)	284052	2.00000	2
	66 Anthracene	178	9.596	9.596	(1.008)	324265	2.00000	2
	67 Di-n-butylphthalate	149	10.178	10.178	(1.069)	366906	2.00000	2
	68 Fluoranthene	202	10.795	10.795	(1.134)	316925	2.00000	2
*	70 Chrysene-d12	240	12.374	12.374	(1.000)	2498967	20.0000	
	72 Pyrene	202	11.032	11.032	(0.892)	323523	2.00000	2
$	73 Terphenyl-d14	244	11.216	11.216	(0.906)	204360	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
74	Butylbenzylphthalate	149	11.744	11.744	(0.949)	137354	2.00000	2
75	3,3'-Dichlorobenzidine	252	12.338	12.338	(0.997)	83894	2.00000	2
76	Benzo(a)anthracene	228	12.356	12.356	(0.999)	271548	2.00000	2
77	Chrysene	228	12.403	12.403	(1.002)	253830	2.00000	2
78	Bis(2-Ethylhexyl)phthalate	149	12.433	12.433	(1.005)	156938	2.00000	2
* 79	Perylene-d12	264	14.504	14.504	(1.000)	1838922	20.0000	
80	Di-n-octylphthalate	149	13.329	13.329	(0.919)	163534	2.00000	4
81	Benzo(b)fluoranthene	252	13.869	13.869	(0.956)	203285	2.00000	2
82	Benzo(k)fluoranthene	252	13.911	13.911	(0.959)	204928	2.00000	2
83	Benzo(a)pyrene	252	14.398	14.398	(0.993)	165688	2.00000	2
84	Indeno(1,2,3-cd)pyrene	276	16.451	16.451	(1.134)	90706	2.00000	4
85	Dibenzo(a,h)anthracene	278	16.511	16.511	(1.138)	75506	2.00000	4
86	Benzo(g,h,i)perylene	276	16.973	16.973	(1.170)	84705	2.00000	4
167	Simazine	201	9.216	9.216	(0.968)	31754	2.00000	3(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.044	7.044	(0.885)	43392	2.00000	2
109	2,3,4,6-Tetrachlorophenol	232	8.314	8.314	(1.045)	44627	2.00000	2
119	Pentachloronitrobenzene	237	9.347	9.347	(0.982)	24588	2.00000	2

QC Flag Legend

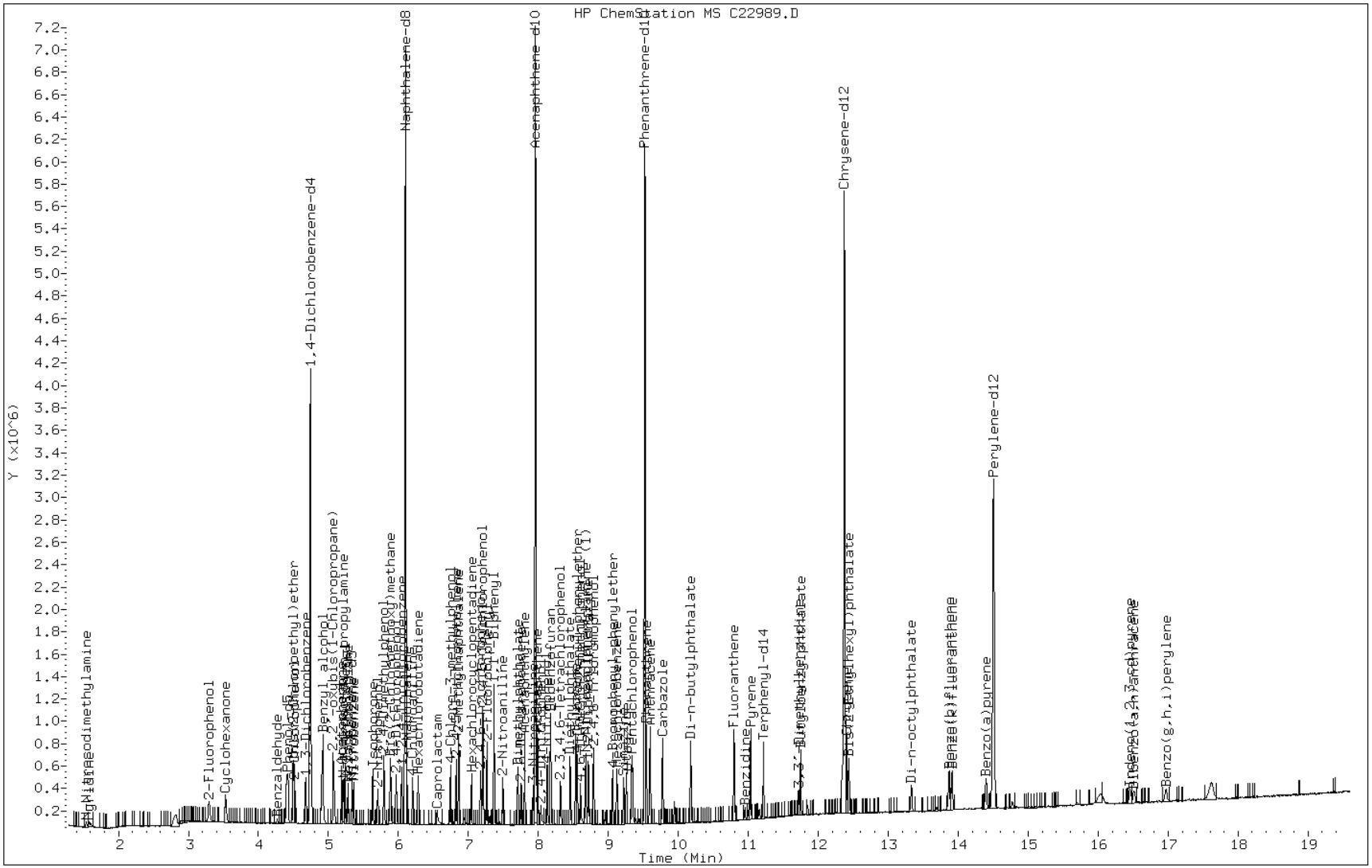
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C22989.D

Date: 29-APR-2011 11:33

Client ID: IC-605839 Instrument: msc.i

Sample Info: IC-605839 Operator: S.Jonas



Manual Integration Report

Data File: C22989.D
Inj. Date and Time: 29-APR-2011 11:33
Instrument ID: msc.i
Client ID: IC-605839
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/06/2011

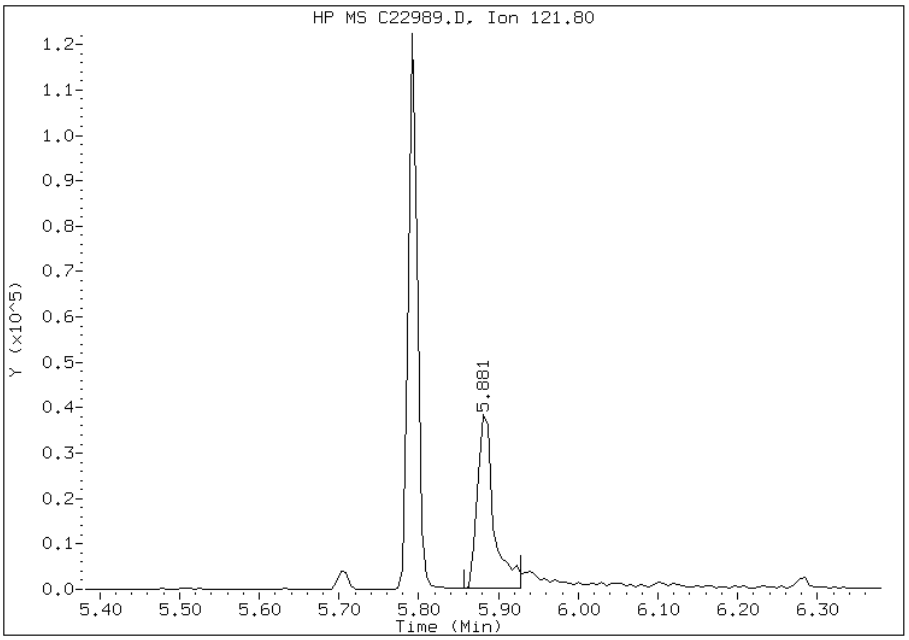
Processing Integration Results

RT: 5.88

Response: 55278

Amount: 2

Conc: 2



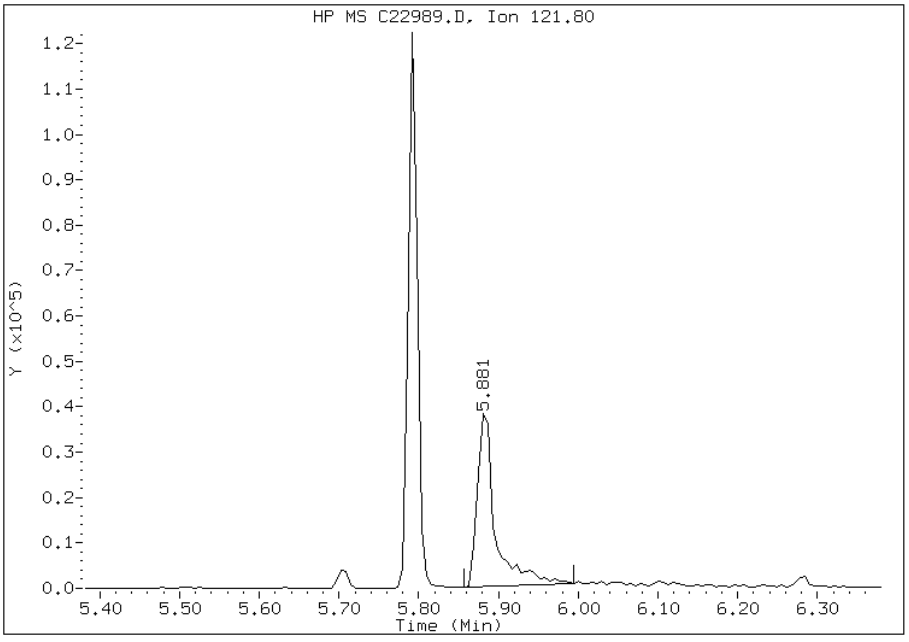
Manual Integration Results

RT: 5.88

Response: 59131

Amount: 5

Conc: 5



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C22989.D
Inj. Date and Time: 29-APR-2011 11:33
Instrument ID: msc.i
Client ID: IC-605839
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/06/2011

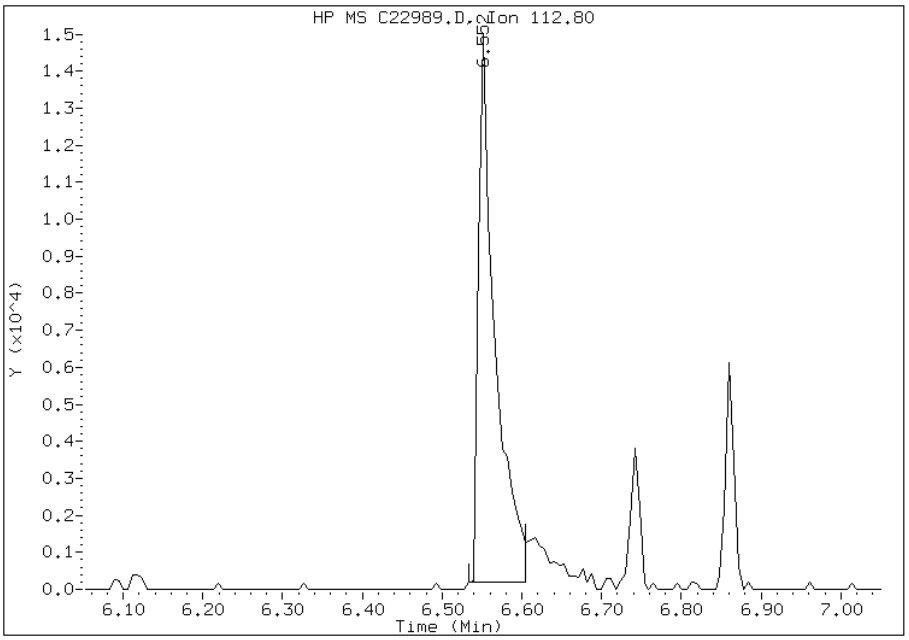
Processing Integration Results

RT: 6.55

Response: 21419

Amount: 2

Conc: 2



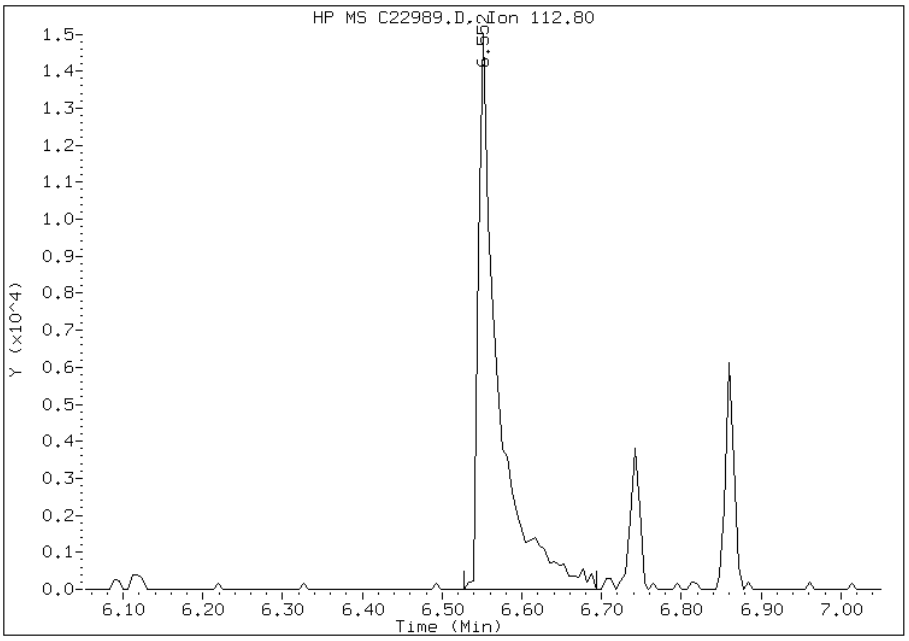
Manual Integration Results

RT: 6.55

Response: 25896

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\C22990.D
Lab Smp Id: IC-605840 Client Smp ID: IC-605840
Inj Date : 29-APR-2011 12:02
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605840
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\MSC-8270C.m
Meth Date : 02-May-2011 10:04 stephan Quant Type: ISTD
Cal Date : 29-APR-2011 12:02 Cal File: C22990.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.741	4.741	(1.000)	672527	20.0000	
$ 2	2-Fluorophenol	112	3.292	3.292	(0.695)	189392	4.00000	4
$ 3	Phenol-d5	99	4.408	4.408	(0.930)	229638	4.00000	4
4	Pyridine	52	1.565	1.565	(0.330)	37882	4.00000	3
5	N-Nitrosodimethylamine	42	1.530	1.530	(0.323)	34080	4.00000	3
6	Cyclohexanone	42	3.524	3.524	(0.743)	104671	4.00000	4
128	Benzaldehyde	77	4.266	4.266	(0.900)	16101	4.00000	3
7	Phenol	94	4.420	4.420	(0.932)	252444	4.00000	4
8	Aniline	93	4.390	4.390	(0.926)	295035	4.00000	4
9	bis(2-Chloroethyl)ether	63	4.491	4.491	(0.947)	139123	4.00000	4
10	2-Chlorophenol	128	4.515	4.515	(0.952)	200715	4.00000	4
11	1,3-Dichlorobenzene	146	4.675	4.675	(0.986)	210042	4.00000	4
12	1,4-Dichlorobenzene	146	4.758	4.758	(1.004)	212415	4.00000	4
13	Benzyl alcohol	108	4.919	4.919	(1.038)	124659	4.00000	4
14	1,2-Dichlorobenzene	146	4.919	4.919	(1.038)	203126	4.00000	4
15	2,2'-oxybis(1-Chloropropane)	45	5.079	5.079	(1.071)	250908	4.00000	4
16	2-Methylphenol	108	5.067	5.067	(1.069)	181721	4.00000	4
92	Acetophenone	105	5.192	5.192	(1.095)	253938	4.00000	4
17	Hexachloroethane	117	5.275	5.275	(1.113)	92227	4.00000	4
18	N-Nitroso-di-n-propylamine	70	5.215	5.215	(1.100)	129395	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.233	5.233	(1.104)	191264	4.00000	4
*	20 Naphthalene-d8	136	6.100	6.100	(1.000)	2687672	20.0000	
$	21 Nitrobenzene-d5	82	5.340	5.340	(0.875)	191294	4.00000	4
	22 Nitrobenzene	77	5.358	5.358	(0.878)	191881	4.00000	4(H)
	23 Isophorone	82	5.631	5.631	(0.923)	344296	4.00000	4
	24 2-Nitrophenol	139	5.702	5.702	(0.935)	107714	4.00000	4
	25 2,4-Dimethylphenol	122	5.791	5.791	(0.949)	175916	4.00000	4
	26 Benzoic Acid	122	5.910	5.910	(0.969)	178085	10.0000	9(M)
	27 Bis(2-Chloroethoxy)methane	93	5.886	5.886	(0.965)	227871	4.00000	4
	28 2,4-Dichlorophenol	162	5.963	5.963	(0.978)	156628	4.00000	4
	29 1,2,4-Trichlorobenzene	180	6.046	6.046	(0.991)	166059	4.00000	4
	30 Naphthalene	128	6.118	6.118	(1.003)	552561	4.00000	4
	31 4-Chloroaniline	127	6.201	6.201	(1.017)	225734	4.00000	4
	32 Hexachlorobutadiene	225	6.278	6.278	(1.029)	89891	4.00000	4
	129 Caprolactam	113	6.551	6.551	(1.074)	43750	4.00000	4(M)
	33 4-Chloro-3-methylphenol	107	6.741	6.741	(1.105)	158631	4.00000	4
	34 2-Methylnaphthalene	142	6.860	6.860	(1.125)	378901	4.00000	4
*	35 Acenaphthene-d10	164	7.958	7.958	(1.000)	1554616	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.824	6.824	(1.439)	149628	4.00000	4
	37 Hexachlorocyclopentadiene	237	7.044	7.044	(0.885)	52386	4.00000	4
	38 2,4,6-Trichlorophenol	196	7.174	7.174	(0.902)	106154	4.00000	4
	39 2,4,5-Trichlorophenol	196	7.210	7.210	(0.906)	270558	10.0000	10
$	40 2-Fluorobiphenyl	172	7.263	7.263	(0.913)	366690	4.00000	4
	130 1,1'-Biphenyl	154	7.358	7.358	(0.925)	427857	4.00000	4
	41 2-Chloronaphthalene	162	7.370	7.370	(0.926)	349228	4.00000	4
	42 2-Nitroaniline	65	7.489	7.489	(0.941)	92415	4.00000	4
	43 Acenaphthylene	152	7.803	7.803	(0.981)	572320	4.00000	4
	44 Dimethylphthalate	163	7.702	7.702	(0.968)	363532	4.00000	4
	45 2,6-Dinitrotoluene	165	7.750	7.750	(0.974)	86043	4.00000	4
	46 Acenaphthene	153	7.987	7.987	(1.004)	348629	4.00000	4
	47 3-Nitroaniline	138	7.922	7.922	(0.996)	97025	4.00000	4
	48 2,4-Dinitrophenol	184	8.035	8.035	(1.010)	77782	10.0000	9
	49 Dibenzofuran	168	8.171	8.171	(1.027)	479773	4.00000	4
	50 2,4-Dinitrotoluene	165	8.171	8.171	(1.027)	112448	4.00000	4
	51 4-Nitrophenol	109	8.130	8.130	(1.022)	114160	10.0000	9
	52 Fluorene	166	8.533	8.533	(1.072)	398674	4.00000	4
	53 4-Chlorophenyl-phenylether	204	8.551	8.551	(1.075)	171952	4.00000	4
	54 Diethylphthalate	149	8.450	8.450	(1.062)	369974	4.00000	4
	55 4-Nitroaniline	138	8.563	8.563	(1.076)	85176	4.00000	4
$	56 2,4,6-Tribromophenol	330	8.789	8.789	(1.104)	117346	10.0000	11
*	57 Phenanthrene-d10	188	9.519	9.519	(1.000)	2253895	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.605	8.605	(0.904)	131545	10.0000	9
	59 N-Nitrosodiphenylamine (1)	169	8.676	8.676	(0.911)	274142	4.00000	4
	60 1,2-Diphenylhydrazine	77	8.711	8.711	(0.915)	349098	4.00000	4
	61 4-Bromophenyl-phenylether	248	9.062	9.062	(0.952)	93925	4.00000	4
	131 Atrazine	200	9.257	9.257	(0.973)	89390	4.00000	4
	62 Hexachlorobenzene	284	9.121	9.121	(0.958)	100659	4.00000	4
	63 Pentachlorophenol	266	9.335	9.335	(0.981)	138276	10.0000	10
	64 Phenanthrene	178	9.542	9.542	(1.002)	532449	4.00000	4
	65 Carbazole	167	9.774	9.774	(1.027)	501799	4.00000	4
	66 Anthracene	178	9.596	9.596	(1.008)	559166	4.00000	4
	67 Di-n-butylphthalate	149	10.177	10.177	(1.069)	630543	4.00000	4
	68 Fluoranthene	202	10.795	10.795	(1.134)	547202	4.00000	4
*	70 Chrysene-d12	240	12.373	12.373	(1.000)	2307192	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
72	Pyrene	202	11.032	11.032	(0.892)	566412	4.00000	4
$ 73	Terphenyl-d14	244	11.216	11.216	(0.906)	358444	4.00000	4
74	Butylbenzylphthalate	149	11.744	11.744	(0.949)	250982	4.00000	4
75	3,3'-Dichlorobenzidine	252	12.338	12.338	(0.997)	147690	4.00000	4
76	Benzo(a)anthracene	228	12.356	12.356	(0.999)	486400	4.00000	4
77	Chrysene	228	12.403	12.403	(1.002)	466925	4.00000	4
78	Bis(2-Ethylhexyl)phthalate	149	12.433	12.433	(1.005)	293142	4.00000	4
* 79	Perylene-d12	264	14.498	14.498	(1.000)	1749826	20.0000	
80	Di-n-octylphthalate	149	13.329	13.329	(0.919)	325945	4.00000	5
81	Benzo(b)fluoranthene	252	13.863	13.863	(0.956)	386430	4.00000	3
82	Benzo(k)fluoranthene	252	13.911	13.911	(0.959)	374568	4.00000	3
83	Benzo(a)pyrene	252	14.397	14.397	(0.993)	296362	4.00000	3
84	Indeno(1,2,3-cd)pyrene	276	16.451	16.451	(1.135)	170064	4.00000	5
85	Dibenzo(a,h)anthracene	278	16.510	16.510	(1.139)	149495	4.00000	5
86	Benzo(g,h,i)perylene	276	16.967	16.967	(1.170)	162498	4.00000	6
167	Simazine	201	9.216	9.216	(0.968)	57196	4.00000	5(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.044	7.044	(0.885)	72693	5.00000	4
109	2,3,4,6-Tetrachlorophenol	232	8.314	8.314	(1.045)	81976	5.00000	4
119	Pentachloronitrobenzene	237	9.346	9.346	(0.982)	44870	5.00000	4

QC Flag Legend

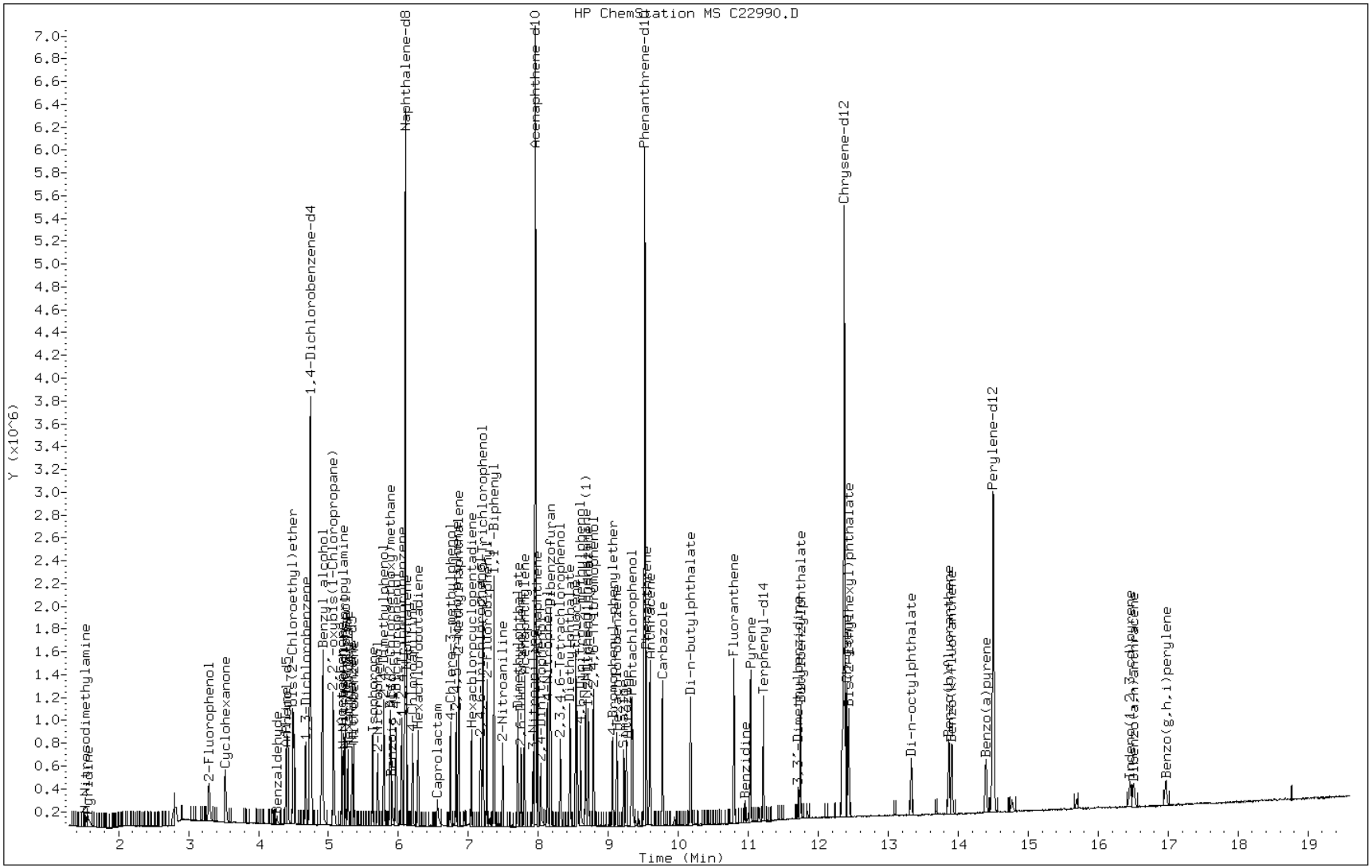
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C22990.D

Date: 29-APR-2011 12:02

Client ID: IC-605840 Instrument: msc.i

Sample Info: IC-605840 Operator: S.Jonas



Manual Integration Report

Data File: C22990.D
Inj. Date and Time: 29-APR-2011 12:02
Instrument ID: msc.i
Client ID: IC-605840
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/06/2011

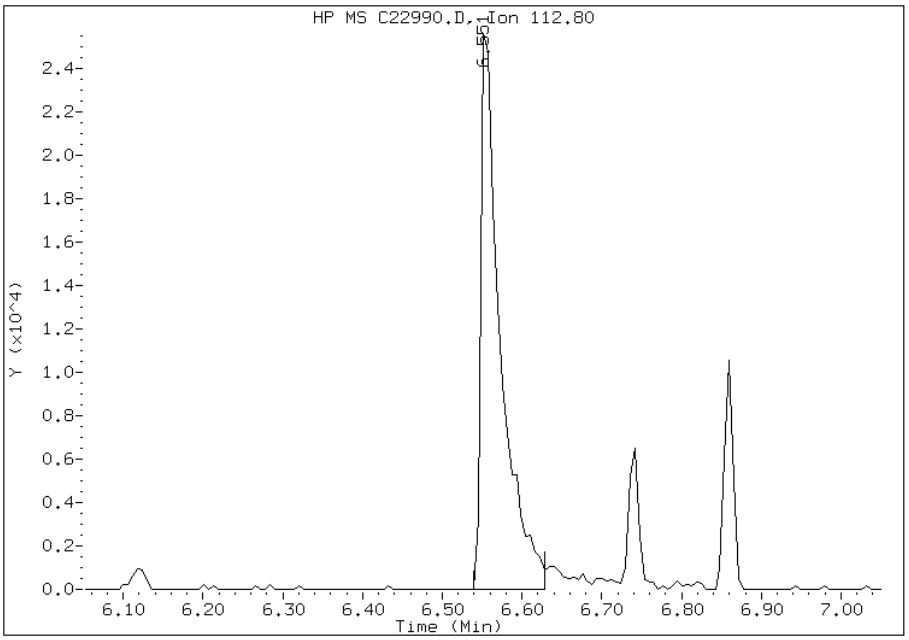
Processing Integration Results

RT: 6.55

Response: 44238

Amount: 4

Conc: 4



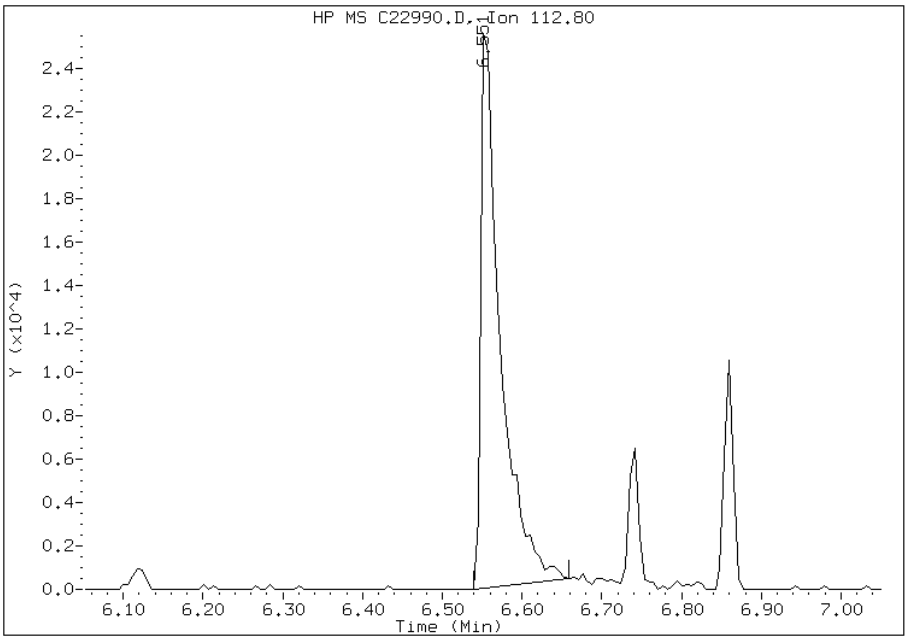
Manual Integration Results

RT: 6.55

Response: 43750

Amount: 4

Conc: 4



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C22990.D
Inj. Date and Time: 29-APR-2011 12:02
Instrument ID: msc.i
Client ID: IC-605840
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/06/2011

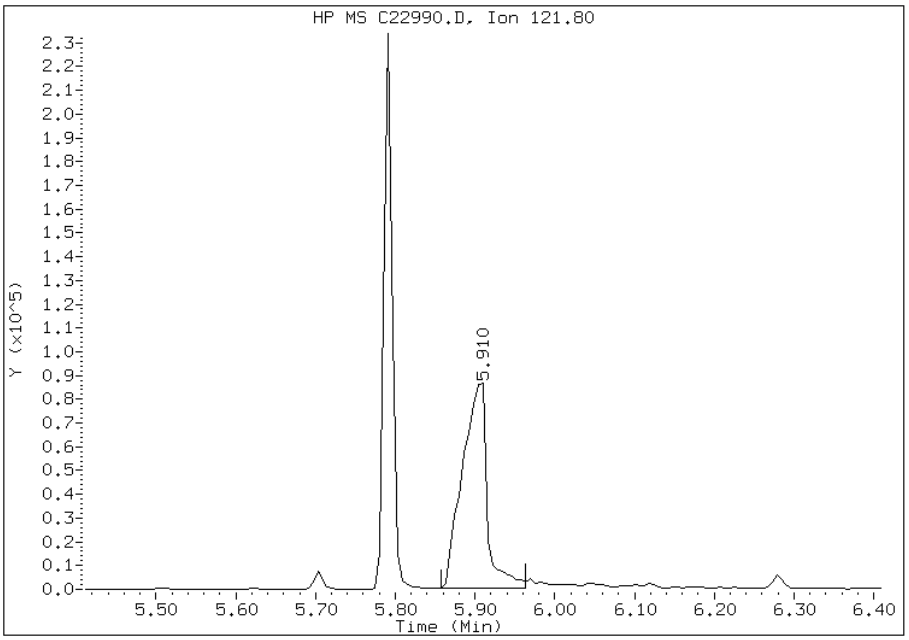
Processing Integration Results

RT: 5.91

Response: 186712

Amount: 10

Conc: 10



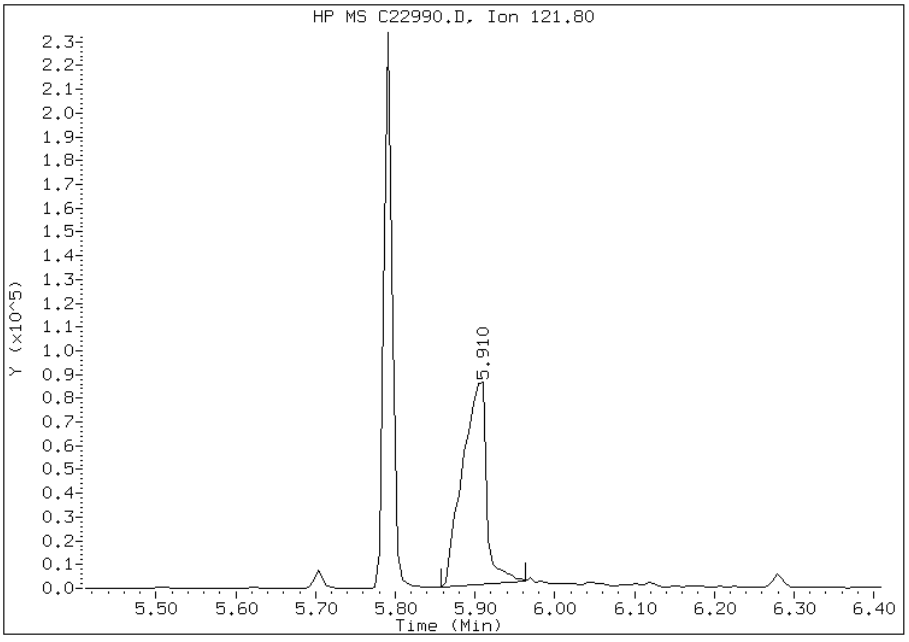
Manual Integration Results

RT: 5.91

Response: 178085

Amount: 9

Conc: 9



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\C22991.D
Lab Smp Id: IC-605841 Client Smp ID: IC-605841
Inj Date : 29-APR-2011 12:31
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605841
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\MSC-8270C.m
Meth Date : 02-May-2011 10:04 stephan Quant Type: ISTD
Cal Date : 29-APR-2011 12:31 Cal File: C22991.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.741	4.741	(1.000)	692608	20.0000	
$ 2	2-Fluorophenol	112	3.292	3.292	(0.695)	489904	10.0000	10
$ 3	Phenol-d5	99	4.414	4.414	(0.931)	592138	10.0000	10
4	Pyridine	52	1.548	1.548	(0.327)	137131	10.0000	10
5	N-Nitrosodimethylamine	42	1.524	1.524	(0.321)	101716	10.0000	10
6	Cyclohexanone	42	3.518	3.518	(0.742)	268166	10.0000	10
128	Benzaldehyde	77	4.266	4.266	(0.900)	41499	10.0000	7
7	Phenol	94	4.426	4.426	(0.934)	649138	10.0000	10
8	Aniline	93	4.396	4.396	(0.927)	752061	10.0000	10
9	bis(2-Chloroethyl)ether	63	4.491	4.491	(0.947)	351842	10.0000	9
10	2-Chlorophenol	128	4.515	4.515	(0.952)	517146	10.0000	10
11	1,3-Dichlorobenzene	146	4.675	4.675	(0.986)	550267	10.0000	10
12	1,4-Dichlorobenzene	146	4.759	4.759	(1.004)	545770	10.0000	10
13	Benzyl alcohol	108	4.925	4.925	(1.039)	324788	10.0000	10
14	1,2-Dichlorobenzene	146	4.919	4.919	(1.038)	519564	10.0000	10
15	2,2'-oxybis(1-Chloropropane)	45	5.079	5.079	(1.071)	652836	10.0000	10
16	2-Methylphenol	108	5.067	5.067	(1.069)	458501	10.0000	10
92	Acetophenone	105	5.192	5.192	(1.095)	663981	10.0000	10
17	Hexachloroethane	117	5.281	5.281	(1.114)	241201	10.0000	10
18	N-Nitroso-di-n-propylamine	70	5.216	5.216	(1.100)	337286	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.233	5.233	(1.104)	490098	10.0000	10
*	20 Naphthalene-d8	136	6.100	6.100	(1.000)	2774432	20.0000	
$	21 Nitrobenzene-d5	82	5.340	5.340	(0.875)	486964	10.0000	10
	22 Nitrobenzene	77	5.364	5.364	(0.879)	493412	10.0000	10(H)
	23 Isophorone	82	5.631	5.631	(0.923)	887480	10.0000	10
	24 2-Nitrophenol	139	5.702	5.702	(0.935)	280802	10.0000	10
	25 2,4-Dimethylphenol	122	5.791	5.791	(0.949)	451014	10.0000	10
	26 Benzoic Acid	122	5.957	5.957	(0.977)	649967	25.0000	23(M)
	27 Bis(2-Chloroethoxy)methane	93	5.886	5.886	(0.965)	579325	10.0000	10
	28 2,4-Dichlorophenol	162	5.969	5.969	(0.979)	404456	10.0000	10
	29 1,2,4-Trichlorobenzene	180	6.052	6.052	(0.992)	420314	10.0000	10
	30 Naphthalene	128	6.124	6.124	(1.004)	1398891	10.0000	10
	31 4-Chloroaniline	127	6.201	6.201	(1.017)	608461	10.0000	11
	32 Hexachlorobutadiene	225	6.284	6.284	(1.030)	230172	10.0000	10
	129 Caprolactam	113	6.581	6.581	(1.079)	114888	10.0000	9(M)
	33 4-Chloro-3-methylphenol	107	6.741	6.741	(1.105)	403193	10.0000	10
	34 2-Methylnaphthalene	142	6.860	6.860	(1.125)	937720	10.0000	10
*	35 Acenaphthene-d10	164	7.958	7.958	(1.000)	1569452	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.824	6.824	(1.439)	376230	10.0000	10
	37 Hexachlorocyclopentadiene	237	7.044	7.044	(0.885)	173244	10.0000	10
	38 2,4,6-Trichlorophenol	196	7.174	7.174	(0.902)	275300	10.0000	10
	39 2,4,5-Trichlorophenol	196	7.210	7.210	(0.906)	672703	25.0000	25
$	40 2-Fluorobiphenyl	172	7.263	7.263	(0.913)	927561	10.0000	10
	130 1,1'-Biphenyl	154	7.364	7.364	(0.925)	1069226	10.0000	10
	41 2-Chloronaphthalene	162	7.370	7.370	(0.926)	856245	10.0000	10
	42 2-Nitroaniline	65	7.489	7.489	(0.941)	233201	10.0000	10
	43 Acenaphthylene	152	7.803	7.803	(0.981)	1416011	10.0000	11
	44 Dimethylphthalate	163	7.708	7.708	(0.969)	919312	10.0000	10
	45 2,6-Dinitrotoluene	165	7.756	7.756	(0.975)	222146	10.0000	10
	46 Acenaphthene	153	7.993	7.993	(1.004)	860708	10.0000	10
	47 3-Nitroaniline	138	7.928	7.928	(0.996)	269599	10.0000	10
	48 2,4-Dinitrophenol	184	8.035	8.035	(1.010)	304341	25.0000	25
	49 Dibenzofuran	168	8.177	8.177	(1.028)	1151381	10.0000	10
	50 2,4-Dinitrotoluene	165	8.177	8.177	(1.028)	278617	10.0000	10
	51 4-Nitrophenol	109	8.136	8.136	(1.022)	317383	25.0000	24
	52 Fluorene	166	8.539	8.539	(1.073)	961187	10.0000	10
	53 4-Chlorophenyl-phenylether	204	8.551	8.551	(1.075)	425578	10.0000	11
	54 Diethylphthalate	149	8.456	8.456	(1.063)	930903	10.0000	10
	55 4-Nitroaniline	138	8.569	8.569	(1.077)	250941	10.0000	11
$	56 2,4,6-Tribromophenol	330	8.795	8.795	(1.105)	278869	25.0000	25
*	57 Phenanthrene-d10	188	9.525	9.525	(1.000)	2296566	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.605	8.605	(0.903)	386651	25.0000	25
	59 N-Nitrosodiphenylamine (1)	169	8.676	8.676	(0.911)	670250	10.0000	10
	60 1,2-Diphenylhydrazine	77	8.717	8.717	(0.915)	884994	10.0000	11
	61 4-Bromophenyl-phenylether	248	9.062	9.062	(0.951)	241781	10.0000	11
	131 Atrazine	200	9.263	9.263	(0.973)	224643	10.0000	10
	62 Hexachlorobenzene	284	9.121	9.121	(0.958)	244751	10.0000	10
	63 Pentachlorophenol	266	9.335	9.335	(0.980)	359530	25.0000	26
	64 Phenanthrene	178	9.548	9.548	(1.002)	1302622	10.0000	11
	65 Carbazole	167	9.774	9.774	(1.026)	1266215	10.0000	11
	66 Anthracene	178	9.596	9.596	(1.007)	1387304	10.0000	11
	67 Di-n-butylphthalate	149	10.177	10.177	(1.069)	1551440	10.0000	11
	68 Fluoranthene	202	10.801	10.801	(1.134)	1364263	10.0000	11
*	70 Chrysene-d12	240	12.374	12.374	(1.000)	2384221	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.949	10.949	(0.885)	332785	10.0000	10
72	Pyrene	202	11.032	11.032	(0.892)	1415873	10.0000	10
$ 73	Terphenyl-d14	244	11.216	11.216	(0.906)	904348	10.0000	10
74	Butylbenzylphthalate	149	11.744	11.744	(0.949)	660315	10.0000	10
124	3,3'-Dimethylbenzidine	212	11.721	11.721	(0.947)	200555	10.0000	7
75	3,3'-Dichlorobenzidine	252	12.338	12.338	(0.997)	348811	10.0000	10
76	Benzo(a)anthracene	228	12.356	12.356	(0.999)	1221813	10.0000	10
77	Chrysene	228	12.403	12.403	(1.002)	1198347	10.0000	10
78	Bis(2-Ethylhexyl)phthalate	149	12.433	12.433	(1.005)	813708	10.0000	9
* 79	Perylene-d12	264	14.504	14.504	(1.000)	1741767	20.0000	
80	Di-n-octylphthalate	149	13.329	13.329	(0.919)	1014889	10.0000	9
81	Benzo(b)fluoranthene	252	13.869	13.869	(0.956)	1002203	10.0000	9
82	Benzo(k)fluoranthene	252	13.917	13.917	(0.959)	988484	10.0000	9
83	Benzo(a)pyrene	252	14.397	14.397	(0.993)	792293	10.0000	9
84	Indeno(1,2,3-cd)pyrene	276	16.457	16.457	(1.135)	412949	10.0000	10
85	Dibenzo(a,h)anthracene	278	16.510	16.510	(1.138)	363718	10.0000	9
86	Benzo(g,h,i)perylene	276	16.973	16.973	(1.170)	377137	10.0000	10
167	Simazine	201	9.228	9.228	(0.969)	148522	10.0000	11(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.044	7.044	(0.885)	181887	10.0000	11
109	2,3,4,6-Tetrachlorophenol	232	8.320	8.320	(1.045)	214462	10.0000	11
119	Pentachloronitrobenzene	237	9.352	9.352	(0.982)	114910	10.0000	11

QC Flag Legend

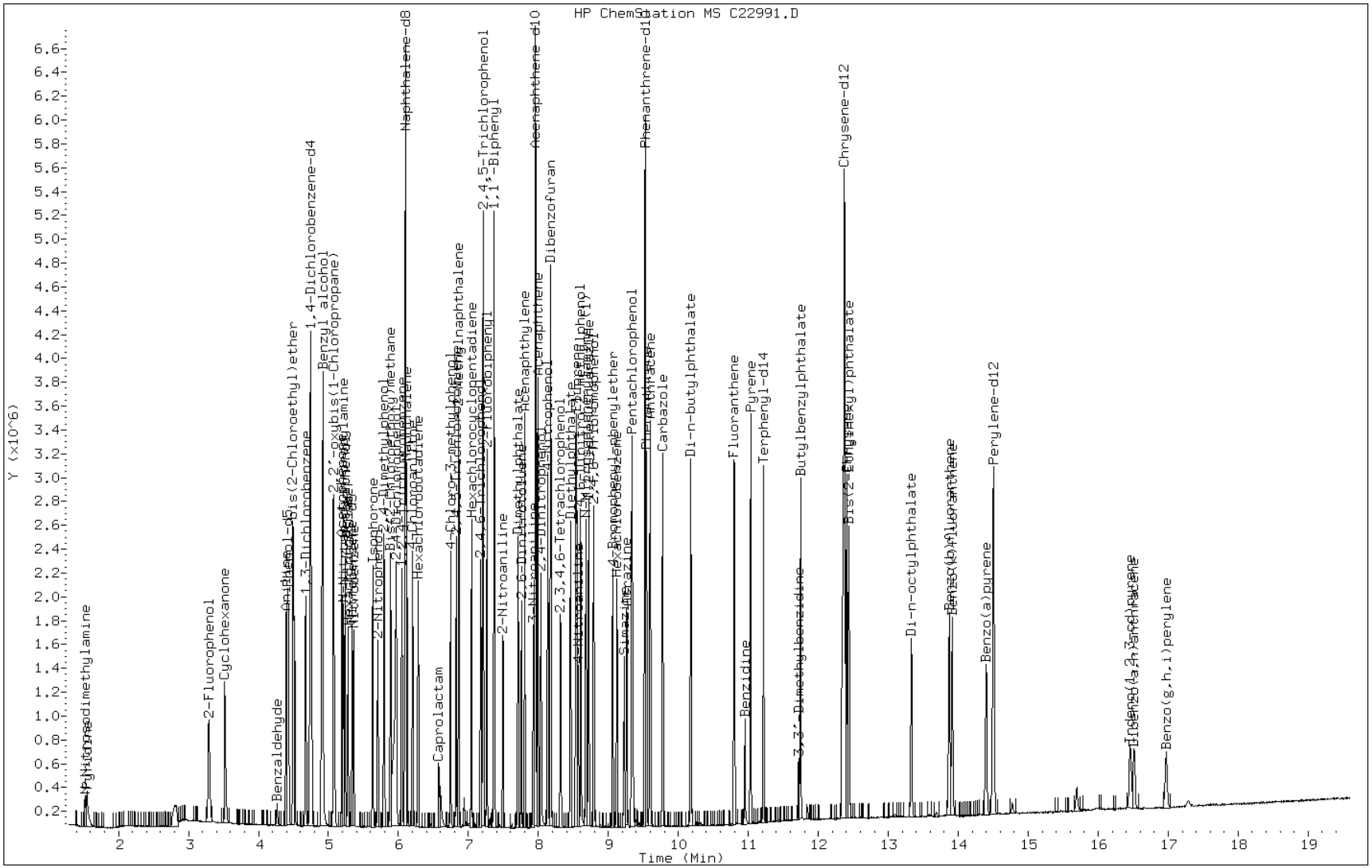
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C22991.D

Date: 29-APR-2011 12:31

Client ID: IC-605841 Instrument: msc.i

Sample Info: IC-605841 Operator: S.Jonas



Manual Integration Report

Data File: C22991.D
Inj. Date and Time: 29-APR-2011 12:31
Instrument ID: msc.i
Client ID: IC-605841
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/06/2011

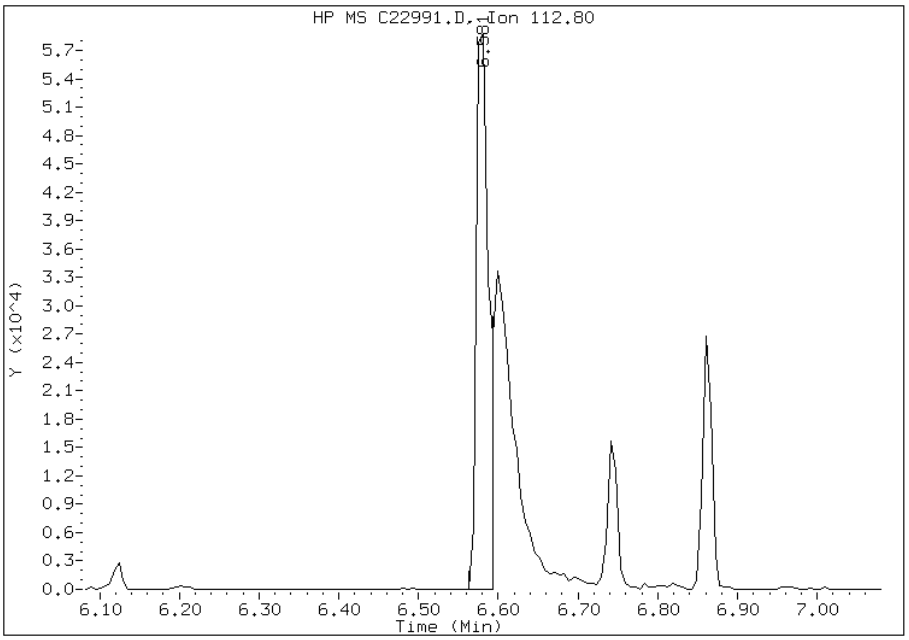
Processing Integration Results

RT: 6.58

Response: 65107

Amount: 6

Conc: 6



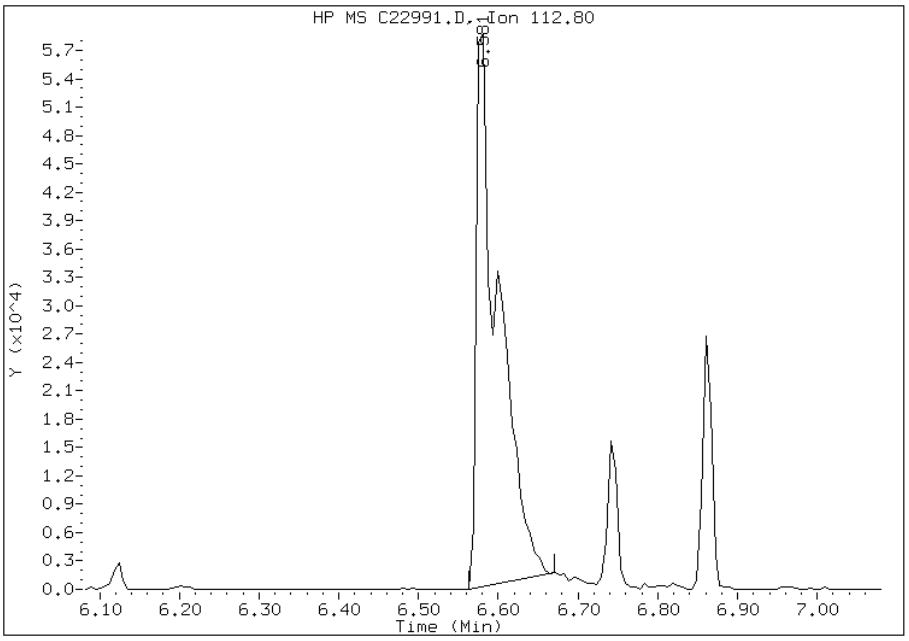
Manual Integration Results

RT: 6.58

Response: 114888

Amount: 9

Conc: 9



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C22991.D
Inj. Date and Time: 29-APR-2011 12:31
Instrument ID: msc.i
Client ID: IC-605841
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/06/2011

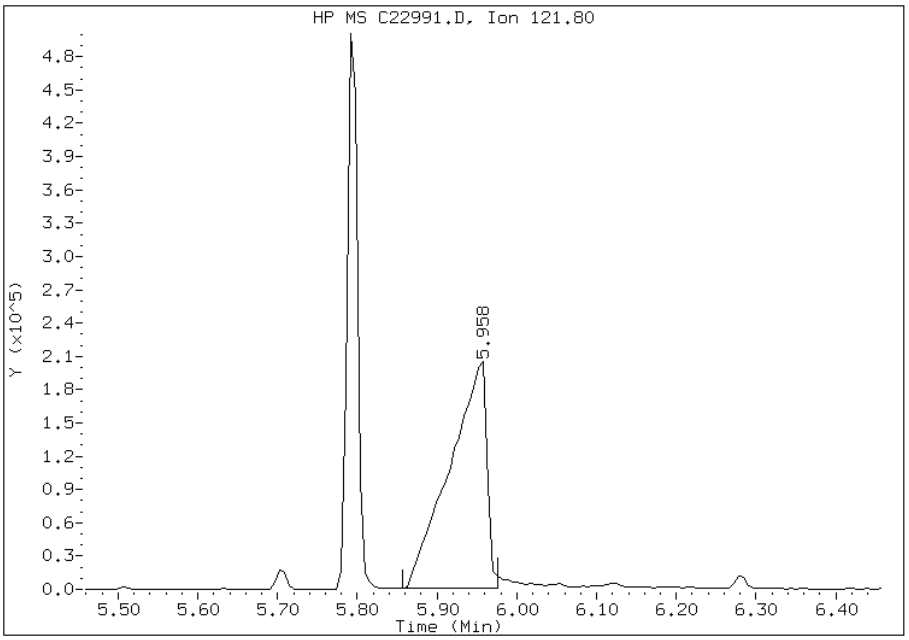
Processing Integration Results

RT: 5.96

Response: 659359

Amount: 26

Conc: 26



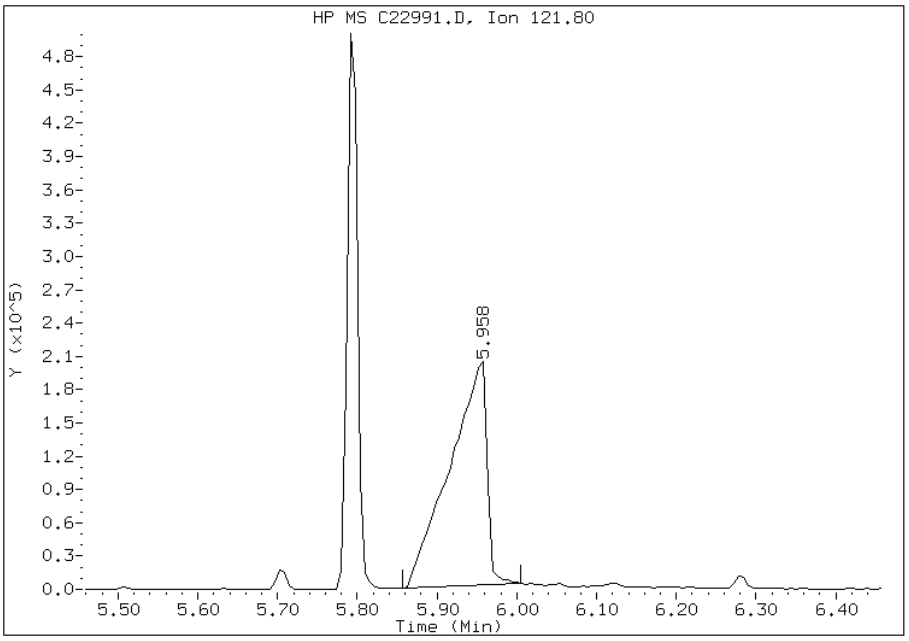
Manual Integration Results

RT: 5.96

Response: 649967

Amount: 23

Conc: 23



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\C22992.D
Lab Smp Id: IC-605842 Client Smp ID: IC-605842
Inj Date : 29-APR-2011 13:00
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605842
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\MSC-8270C.m
Meth Date : 02-May-2011 10:04 stephan Quant Type: ISTD
Cal Date : 29-APR-2011 13:00 Cal File: C22992.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.741	4.741	(1.000)	636587	20.0000	
$ 2	2-Fluorophenol	112	3.293	3.293	(0.695)	917648	20.0000	20
$ 3	Phenol-d5	99	4.414	4.414	(0.931)	1096221	20.0000	20
4	Pyridine	52	1.536	1.536	(0.324)	255092	20.0000	21
5	N-Nitrosodimethylamine	42	1.518	1.518	(0.320)	193822	20.0000	21
6	Cyclohexanone	42	3.518	3.518	(0.742)	499740	20.0000	20
128	Benzaldehyde	77	4.260	4.260	(0.899)	120165	20.0000	23
7	Phenol	94	4.426	4.426	(0.934)	1203444	20.0000	20
8	Aniline	93	4.397	4.397	(0.927)	1383789	20.0000	21
9	bis(2-Chloroethyl)ether	63	4.491	4.491	(0.947)	650679	20.0000	19
10	2-Chlorophenol	128	4.515	4.515	(0.952)	952875	20.0000	20
11	1,3-Dichlorobenzene	146	4.675	4.675	(0.986)	1017858	20.0000	20
12	1,4-Dichlorobenzene	146	4.759	4.759	(1.004)	1040677	20.0000	20
13	Benzyl alcohol	108	4.925	4.925	(1.039)	609167	20.0000	21
14	1,2-Dichlorobenzene	146	4.919	4.919	(1.038)	966134	20.0000	20
15	2,2'-oxybis(1-Chloropropane)	45	5.079	5.079	(1.071)	1186837	20.0000	20
16	2-Methylphenol	108	5.073	5.073	(1.070)	846588	20.0000	20
92	Acetophenone	105	5.192	5.192	(1.095)	1223724	20.0000	20
17	Hexachloroethane	117	5.281	5.281	(1.114)	451006	20.0000	20
18	N-Nitroso-di-n-propylamine	70	5.216	5.216	(1.100)	612967	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.239	5.239	(1.105)	905912	20.0000	20
* 20	Naphthalene-d8	136	6.100	6.100	(1.000)	2577904	20.0000	
$ 21	Nitrobenzene-d5	82	5.340	5.340	(0.875)	901796	20.0000	20
22	Nitrobenzene	77	5.364	5.364	(0.879)	918450	20.0000	20(H)
23	Isophorone	82	5.631	5.631	(0.923)	1634471	20.0000	20
24	2-Nitrophenol	139	5.708	5.708	(0.936)	520595	20.0000	20
25	2,4-Dimethylphenol	122	5.797	5.797	(0.950)	833367	20.0000	20
26	Benzoic Acid	122	5.963	5.963	(0.978)	757286	30.0000	28(M)
27	Bis(2-Chloroethoxy)methane	93	5.886	5.886	(0.965)	1054748	20.0000	20
28	2,4-Dichlorophenol	162	5.969	5.969	(0.979)	734475	20.0000	20
29	1,2,4-Trichlorobenzene	180	6.052	6.052	(0.992)	745373	20.0000	19
30	Naphthalene	128	6.124	6.124	(1.004)	2510670	20.0000	20
31	4-Chloroaniline	127	6.201	6.201	(1.017)	1112178	20.0000	21
32	Hexachlorobutadiene	225	6.284	6.284	(1.030)	425512	20.0000	20
129	Caprolactam	113	6.599	6.599	(1.082)	242939	20.0000	21
33	4-Chloro-3-methylphenol	107	6.747	6.747	(1.106)	736823	20.0000	20
34	2-Methylnaphthalene	142	6.860	6.860	(1.125)	1679530	20.0000	19
* 35	Acenaphthene-d10	164	7.958	7.958	(1.000)	1456985	20.0000	
36	2,4,5-Trichlorotoluene	159	6.824	6.824	(1.439)	681078	20.0000	20
37	Hexachlorocyclopentadiene	237	7.044	7.044	(0.885)	366424	20.0000	20
38	2,4,6-Trichlorophenol	196	7.174	7.174	(0.902)	486515	20.0000	20
39	2,4,5-Trichlorophenol	196	7.210	7.210	(0.906)	737663	30.0000	29
$ 40	2-Fluorobiphenyl	172	7.263	7.263	(0.913)	1658535	20.0000	20
130	1,1'-Biphenyl	154	7.364	7.364	(0.925)	1872355	20.0000	20
41	2-Chloronaphthalene	162	7.370	7.370	(0.926)	1509571	20.0000	19
42	2-Nitroaniline	65	7.495	7.495	(0.942)	424944	20.0000	20
43	Acenaphthylene	152	7.803	7.803	(0.981)	2538887	20.0000	20
44	Dimethylphthalate	163	7.708	7.708	(0.969)	1658151	20.0000	20
45	2,6-Dinitrotoluene	165	7.762	7.762	(0.975)	404160	20.0000	20
46	Acenaphthene	153	7.993	7.993	(1.004)	1514538	20.0000	20
47	3-Nitroaniline	138	7.928	7.928	(0.996)	492217	20.0000	21
48	2,4-Dinitrophenol	184	8.041	8.041	(1.010)	340578	30.0000	30
49	Dibenzofuran	168	8.177	8.177	(1.028)	1993217	20.0000	19
50	2,4-Dinitrotoluene	165	8.177	8.177	(1.028)	493549	20.0000	20
51	4-Nitrophenol	109	8.136	8.136	(1.022)	361418	30.0000	30
52	Fluorene	166	8.539	8.539	(1.073)	1723176	20.0000	20
53	4-Chlorophenyl-phenylether	204	8.551	8.551	(1.075)	737414	20.0000	20
54	Diethylphthalate	149	8.462	8.462	(1.063)	1668996	20.0000	20
55	4-Nitroaniline	138	8.575	8.575	(1.078)	460111	20.0000	21
$ 56	2,4,6-Tribromophenol	330	8.795	8.795	(1.105)	305893	30.0000	30
* 57	Phenanthrene-d10	188	9.525	9.525	(1.000)	2146295	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.611	8.611	(0.904)	438547	30.0000	31
59	N-Nitrosodiphenylamine (1)	169	8.682	8.682	(0.912)	1197915	20.0000	20
60	1,2-Diphenylhydrazine	77	8.717	8.717	(0.915)	1570307	20.0000	20
61	4-Bromophenyl-phenylether	248	9.062	9.062	(0.951)	413572	20.0000	20
131	Atrazine	200	9.263	9.263	(0.973)	411593	20.0000	20
62	Hexachlorobenzene	284	9.127	9.127	(0.958)	440666	20.0000	20
63	Pentachlorophenol	266	9.335	9.335	(0.980)	398208	30.0000	31
64	Phenanthrene	178	9.548	9.548	(1.002)	2304930	20.0000	20
65	Carbazole	167	9.780	9.780	(1.027)	2263456	20.0000	20
66	Anthracene	178	9.602	9.602	(1.008)	2395039	20.0000	20
67	Di-n-butylphthalate	149	10.178	10.178	(1.069)	2824310	20.0000	21
68	Fluoranthene	202	10.801	10.801	(1.134)	2433956	20.0000	20
* 70	Chrysene-d12	240	12.380	12.380	(1.000)	2137238	20.0000	

							AMOUNTS	
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/mL)	ON-COL (ug/mL)
	71 Benzidine	184	10.949	10.949	(0.884)	715983	20.0000	24
	72 Pyrene	202	11.038	11.038	(0.892)	2538804	20.0000	20
$	73 Terphenyl-d14	244	11.216	11.216	(0.906)	1583062	20.0000	20
	74 Butylbenzylphthalate	149	11.744	11.744	(0.949)	1228915	20.0000	21
	124 3,3'-Dimethylbenzidine	212	11.721	11.721	(0.947)	433585	20.0000	17
	75 3,3'-Dichlorobenzidine	252	12.344	12.344	(0.997)	641875	20.0000	21
	76 Benzo(a)anthracene	228	12.362	12.362	(0.999)	2202429	20.0000	20
	77 Chrysene	228	12.409	12.409	(1.002)	2150726	20.0000	21
	78 Bis(2-Ethylhexyl)phthalate	149	12.439	12.439	(1.005)	1582051	20.0000	20
*	79 Perylene-d12	264	14.504	14.504	(1.000)	1407243	20.0000	
	80 Di-n-octylphthalate	149	13.329	13.329	(0.919)	2047137	20.0000	16
	81 Benzo(b)fluoranthene	252	13.875	13.875	(0.957)	1731905	20.0000	19
	82 Benzo(k)fluoranthene	252	13.923	13.923	(0.960)	1812590	20.0000	20
	83 Benzo(a)pyrene	252	14.403	14.403	(0.993)	1373911	20.0000	20
	84 Indeno(1,2,3-cd)pyrene	276	16.463	16.463	(1.135)	669288	20.0000	17
	85 Dibenzo(a,h)anthracene	278	16.516	16.516	(1.139)	604611	20.0000	17
	86 Benzo(g,h,i)perylene	276	16.973	16.973	(1.170)	600760	20.0000	16
	167 Simazine	201	9.234	9.234	(0.969)	275030	20.0000	20(H)
	103 1,2,4,5-Tetrachlorobenzene	216	7.044	7.044	(0.885)	327430	25.0000	21
	109 2,3,4,6-Tetrachlorophenol	232	8.320	8.320	(1.045)	372720	25.0000	21
	119 Pentachloronitrobenzene	237	9.353	9.353	(0.982)	205555	25.0000	22

QC Flag Legend

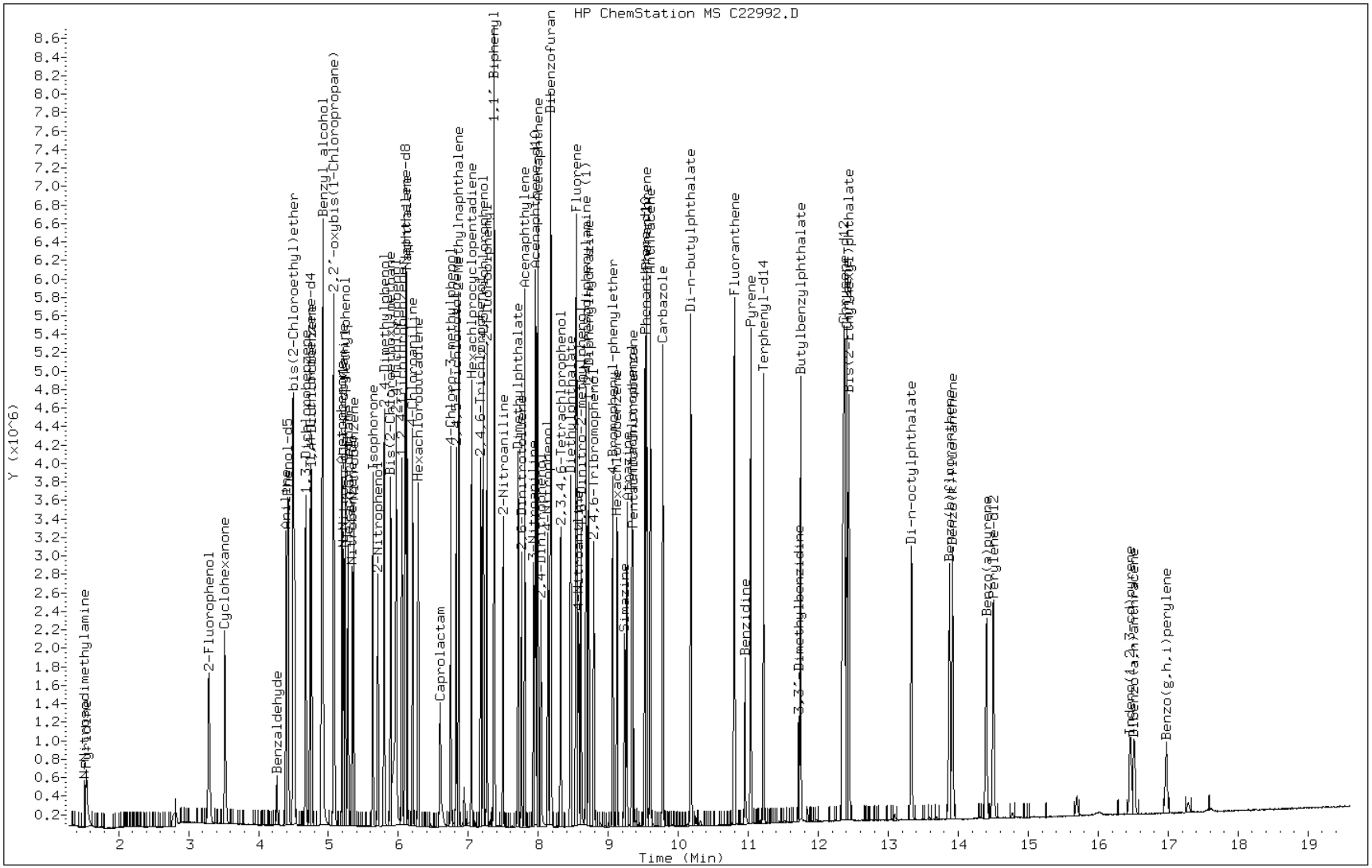
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C22992.D

Date: 29-APR-2011 13:00

Client ID: IC-605842 Instrument: msc.i

Sample Info: IC-605842 Operator: S.Jonas



Manual Integration Report

Data File: C22992.D
Inj. Date and Time: 29-APR-2011 13:00
Instrument ID: msc.i
Client ID: IC-605842
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/06/2011

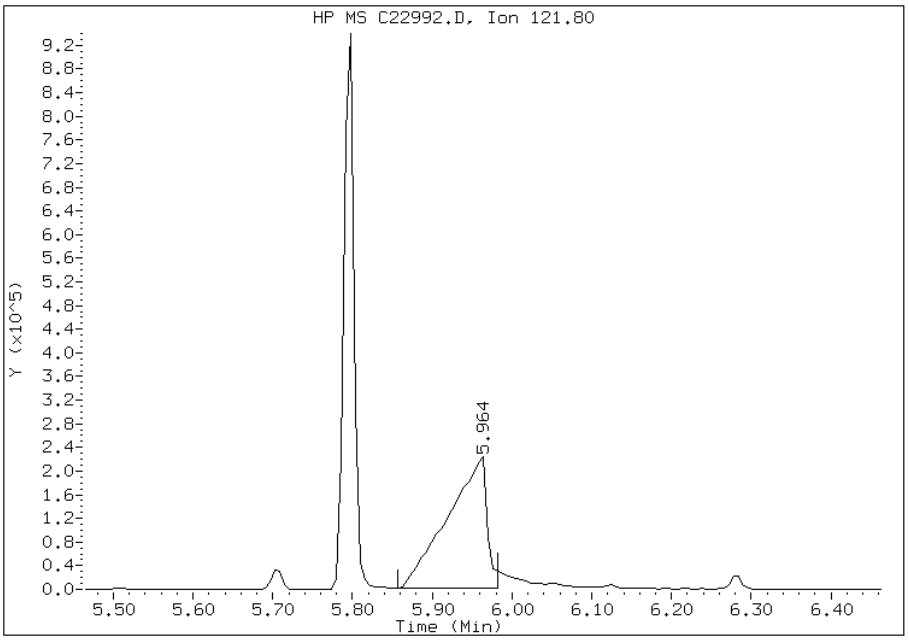
Processing Integration Results

RT: 5.96

Response: 754485

Amount: 31

Conc: 31



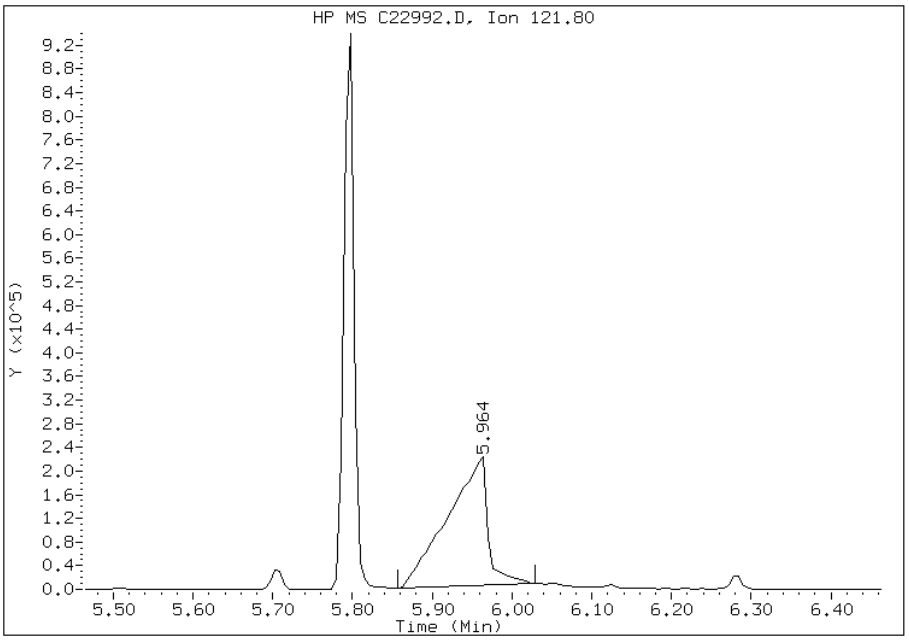
Manual Integration Results

RT: 5.96

Response: 757286

Amount: 28

Conc: 28



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\C22993.D
Lab Smp Id: IC-605843 Client Smp ID: IC-605843
Inj Date : 29-APR-2011 13:29
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605843
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\MSC-8270C.m
Meth Date : 02-May-2011 10:04 stephan Quant Type: ISTD
Cal Date : 29-APR-2011 13:29 Cal File: C22993.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.741	4.741	(1.000)	639855	20.0000	
$ 2	2-Fluorophenol	112	3.298	3.298	(0.696)	2845323	60.0000	62
$ 3	Phenol-d5	99	4.432	4.432	(0.935)	3275938	60.0000	60
4	Pyridine	52	1.536	1.536	(0.324)	806243	60.0000	67
5	N-Nitrosodimethylamine	42	1.518	1.518	(0.320)	607110	60.0000	65
6	Cyclohexanone	42	3.518	3.518	(0.742)	1485913	60.0000	60
128	Benzaldehyde	77	4.260	4.260	(0.899)	329519	60.0000	63
7	Phenol	94	4.450	4.450	(0.939)	3570616	60.0000	60
8	Aniline	93	4.402	4.402	(0.929)	3994339	60.0000	60
9	bis(2-Chloroethyl)ether	63	4.503	4.503	(0.950)	2136205	60.0000	62
10	2-Chlorophenol	128	4.521	4.521	(0.954)	2913218	60.0000	61
11	1,3-Dichlorobenzene	146	4.675	4.675	(0.986)	3141856	60.0000	62
12	1,4-Dichlorobenzene	146	4.759	4.759	(1.004)	3202721	60.0000	62
13	Benzyl alcohol	108	4.937	4.937	(1.041)	1724357	60.0000	58
14	1,2-Dichlorobenzene	146	4.919	4.919	(1.038)	2986491	60.0000	62
15	2,2'-oxybis(1-Chloropropane)	45	5.079	5.079	(1.071)	3568022	60.0000	60
16	2-Methylphenol	108	5.085	5.085	(1.073)	2558914	60.0000	60
92	Acetophenone	105	5.210	5.210	(1.099)	3651428	60.0000	60
17	Hexachloroethane	117	5.281	5.281	(1.114)	1380082	60.0000	62
18	N-Nitroso-di-n-propylamine	70	5.233	5.233	(1.104)	1858609	60.0000	60

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.251	5.251	(1.108)	2638406	60.0000	59
*	20 Naphthalene-d8	136	6.106	6.106	(1.000)	2581816	20.0000	
$	21 Nitrobenzene-d5	82	5.352	5.352	(0.877)	2756443	60.0000	60
	22 Nitrobenzene	77	5.376	5.376	(0.880)	2746470	60.0000	66(H)
	23 Isophorone	82	5.649	5.649	(0.925)	5006220	60.0000	60
	24 2-Nitrophenol	139	5.714	5.714	(0.936)	1560705	60.0000	60
	25 2,4-Dimethylphenol	122	5.809	5.809	(0.951)	2439764	60.0000	59
	26 Benzoic Acid	122	6.005	6.005	(0.983)	1911495	60.0000	62(M)
	27 Bis(2-Chloroethoxy)methane	93	5.898	5.898	(0.966)	3158323	60.0000	59
	28 2,4-Dichlorophenol	162	5.981	5.981	(0.980)	2193415	60.0000	59
	29 1,2,4-Trichlorobenzene	180	6.052	6.052	(0.991)	2274906	60.0000	59
	30 Naphthalene	128	6.130	6.130	(1.004)	7306298	60.0000	58
	31 4-Chloroaniline	127	6.207	6.207	(1.017)	3129233	60.0000	59
	32 Hexachlorobutadiene	225	6.284	6.284	(1.029)	1267999	60.0000	59
	129 Caprolactam	113	6.658	6.658	(1.090)	763228	60.0000	64(M)
	33 4-Chloro-3-methylphenol	107	6.759	6.759	(1.107)	2151081	60.0000	58
	34 2-Methylnaphthalene	142	6.872	6.872	(1.125)	4997455	60.0000	58
*	35 Acenaphthene-d10	164	7.964	7.964	(1.000)	1450577	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.830	6.830	(1.441)	2028420	60.0000	59
	37 Hexachlorocyclopentadiene	237	7.050	7.050	(0.885)	1249889	60.0000	62
	38 2,4,6-Trichlorophenol	196	7.180	7.180	(0.902)	1405687	60.0000	58
	39 2,4,5-Trichlorophenol	196	7.222	7.222	(0.907)	1508542	60.0000	60
$	40 2-Fluorobiphenyl	172	7.269	7.269	(0.913)	4794767	60.0000	58
	130 1,1'-Biphenyl	154	7.370	7.370	(0.925)	5518144	60.0000	58
	41 2-Chloronaphthalene	162	7.382	7.382	(0.927)	4455014	60.0000	58
	42 2-Nitroaniline	65	7.507	7.507	(0.943)	1264284	60.0000	60
	43 Acenaphthylene	152	7.809	7.809	(0.981)	6951035	60.0000	56
	44 Dimethylphthalate	163	7.720	7.720	(0.969)	4725430	60.0000	57
	45 2,6-Dinitrotoluene	165	7.774	7.774	(0.976)	1153199	60.0000	58
	46 Acenaphthene	153	7.999	7.999	(1.004)	4261652	60.0000	56
	47 3-Nitroaniline	138	7.946	7.946	(0.998)	1420155	60.0000	60
	48 2,4-Dinitrophenol	184	8.053	8.053	(1.011)	734766	60.0000	61
	49 Dibenzofuran	168	8.183	8.183	(1.028)	5702358	60.0000	56
	50 2,4-Dinitrotoluene	165	8.195	8.195	(1.029)	1449473	60.0000	58
	51 4-Nitrophenol	109	8.154	8.154	(1.024)	785702	60.0000	65
	52 Fluorene	166	8.545	8.545	(1.073)	4795521	60.0000	56
	53 4-Chlorophenyl-phenylether	204	8.557	8.557	(1.075)	2076492	60.0000	56
	54 Diethylphthalate	149	8.468	8.468	(1.063)	4716135	60.0000	57
	55 4-Nitroaniline	138	8.599	8.599	(1.080)	1367384	60.0000	62
$	56 2,4,6-Tribromophenol	330	8.801	8.801	(1.105)	572184	60.0000	56
*	57 Phenanthrene-d10	188	9.525	9.525	(1.000)	2157202	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.628	8.628	(0.906)	890091	60.0000	62
	59 N-Nitrosodiphenylamine (1)	169	8.694	8.694	(0.913)	3305262	60.0000	55
	60 1,2-Diphenylhydrazine	77	8.723	8.723	(0.916)	4415562	60.0000	56
	61 4-Bromophenyl-phenylether	248	9.068	9.068	(0.952)	1131652	60.0000	54
	131 Atrazine	200	9.281	9.281	(0.974)	1247671	60.0000	60
	62 Hexachlorobenzene	284	9.133	9.133	(0.959)	1225700	60.0000	55
	63 Pentachlorophenol	266	9.341	9.341	(0.981)	776274	60.0000	61
	64 Phenanthrene	178	9.554	9.554	(1.003)	6221200	60.0000	54
	65 Carbazole	167	9.786	9.786	(1.027)	6122167	60.0000	55
	66 Anthracene	178	9.608	9.608	(1.009)	6389479	60.0000	53
	67 Di-n-butylphthalate	149	10.183	10.183	(1.069)	7382831	60.0000	53
	68 Fluoranthene	202	10.807	10.807	(1.135)	6338149	60.0000	53
*	70 Chrysene-d12	240	12.385	12.385	(1.000)	1860519	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.955	10.955	(0.885)	2011549	60.0000	76
72	Pyrene	202	11.044	11.044	(0.892)	6537870	60.0000	58
$ 73	Terphenyl-d14	244	11.222	11.222	(0.906)	3850419	60.0000	56
74	Butylbenzylphthalate	149	11.750	11.750	(0.949)	3126408	60.0000	60
124	3,3'-Dimethylbenzidine	212	11.721	11.721	(0.946)	1312840	60.0000	61
75	3,3'-Dichlorobenzidine	252	12.350	12.350	(0.997)	1473605	60.0000	54
76	Benzo(a)anthracene	228	12.368	12.368	(0.999)	5274186	60.0000	56
77	Chrysene	228	12.421	12.421	(1.003)	5128328	60.0000	57
78	Bis(2-Ethylhexyl)phthalate	149	12.439	12.439	(1.004)	4315477	60.0000	62
* 79	Perylene-d12	264	14.498	14.498	(1.000)	828252	20.0000	
80	Di-n-octylphthalate	149	13.335	13.335	(0.920)	5766205	60.0000	61
81	Benzo(b)fluoranthene	252	13.881	13.881	(0.957)	3560208	60.0000	67
82	Benzo(k)fluoranthene	252	13.929	13.929	(0.961)	3669457	60.0000	69
83	Benzo(a)pyrene	252	14.409	14.409	(0.994)	2648465	60.0000	65
84	Indeno(1,2,3-cd)pyrene	276	16.475	16.475	(1.136)	1975549	60.0000	63
85	Dibenzo(a,h)anthracene	278	16.528	16.528	(1.140)	1861815	60.0000	62
86	Benzo(g,h,i)perylene	276	16.997	16.997	(1.172)	1926263	60.0000	62
167	Simazine	201	9.252	9.252	(0.971)	835382	60.0000	120(A)
103	1,2,4,5-Tetrachlorobenzene	216	7.050	7.050	(0.885)	984409	60.0000	63
109	2,3,4,6-Tetrachlorophenol	232	8.326	8.326	(1.045)	1041327	60.0000	60
119	Pentachloronitrobenzene	237	9.358	9.358	(0.983)	590142	60.0000	62

QC Flag Legend

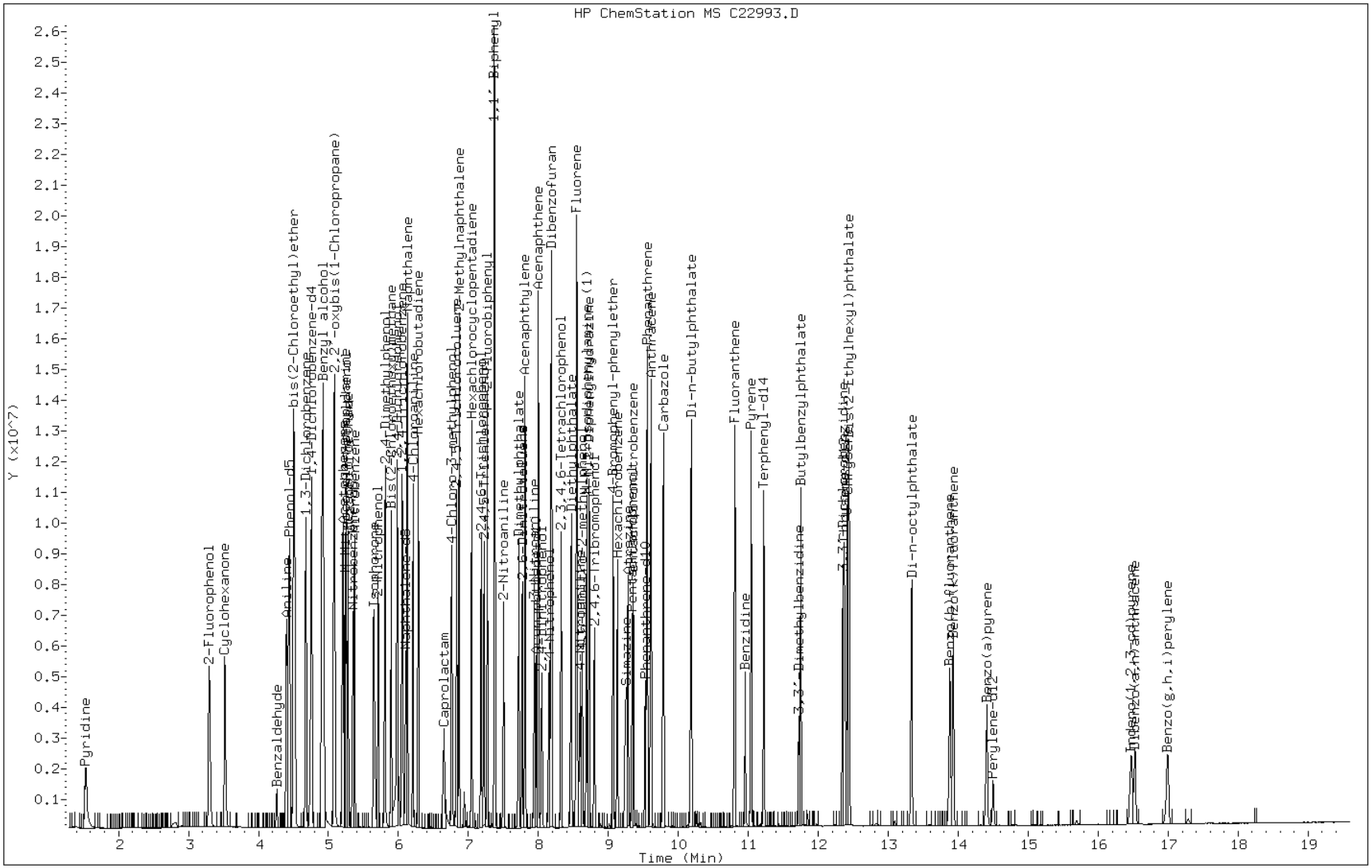
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C22993.D

Date: 29-APR-2011 13:29

Client ID: IC-605843 Instrument: msc.i

Sample Info: IC-605843 Operator: S.Jonas



Manual Integration Report

Data File: C22993.D
Inj. Date and Time: 29-APR-2011 13:29
Instrument ID: msc.i
Client ID: IC-605843
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/06/2011

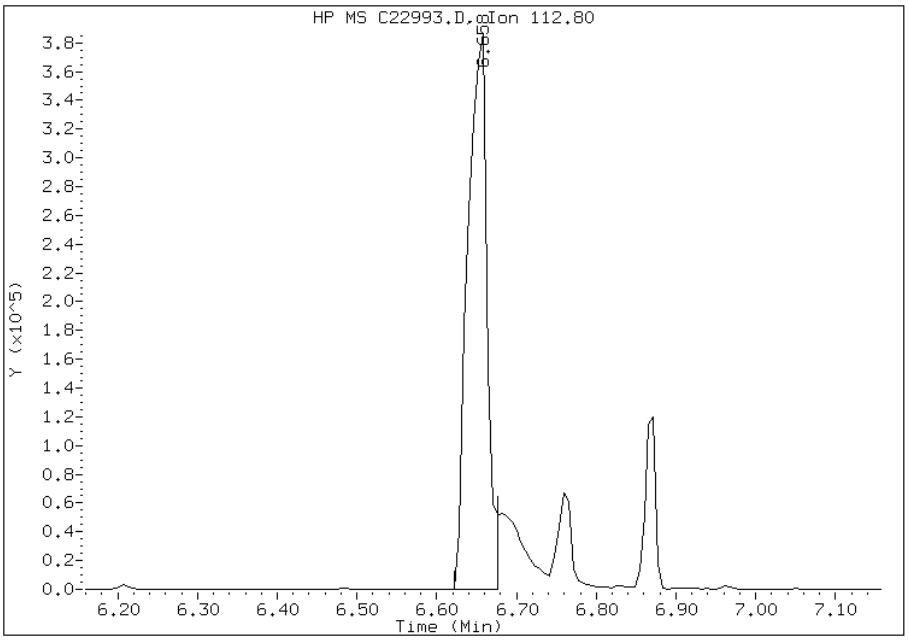
Processing Integration Results

RT: 6.66

Response: 650914

Amount: 63

Conc: 63



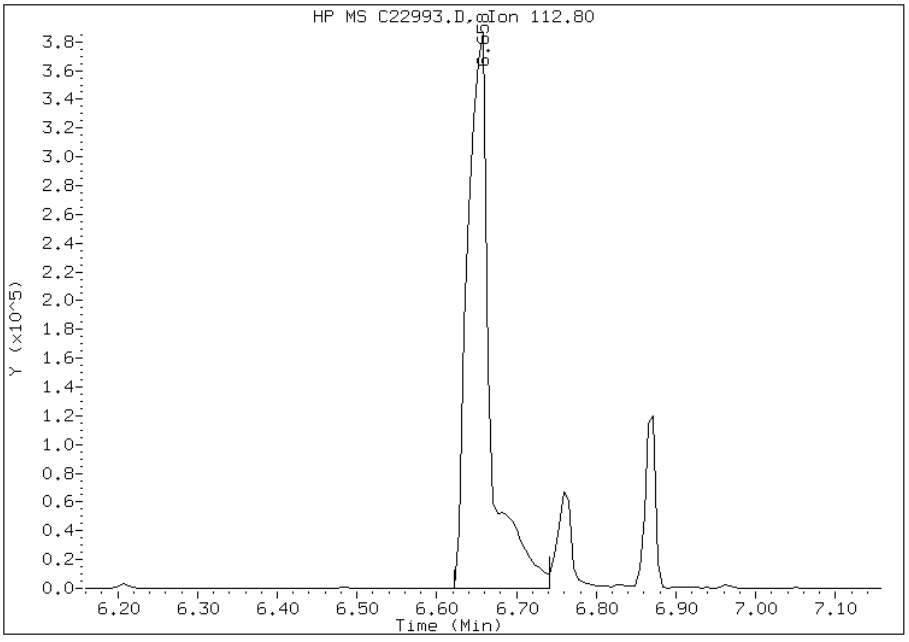
Manual Integration Results

RT: 6.66

Response: 763228

Amount: 64

Conc: 64



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C22993.D
Inj. Date and Time: 29-APR-2011 13:29
Instrument ID: msc.i
Client ID: IC-605843
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/06/2011

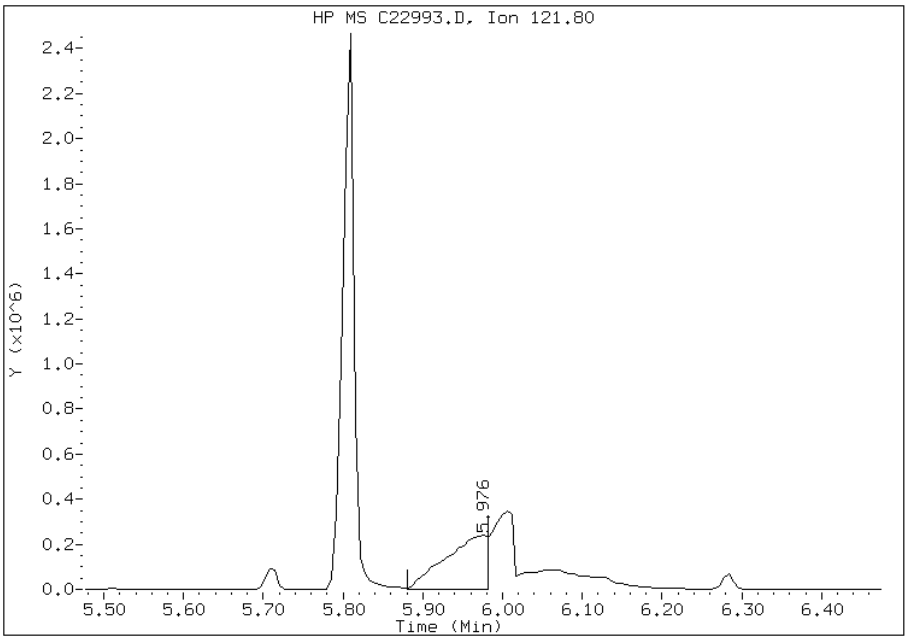
Processing Integration Results

RT: 5.98

Response: 893806

Amount: 46

Conc: 46



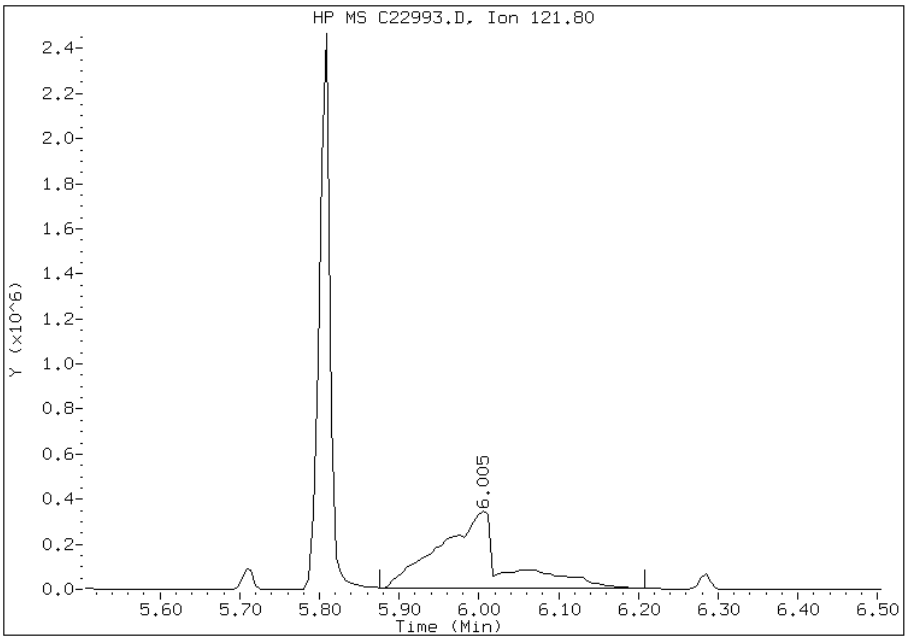
Manual Integration Results

RT: 6.01

Response: 1911495

Amount: 62

Conc: 62



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\C22994.D
Lab Smp Id: IC-605844 Client Smp ID: IC-605844
Inj Date : 29-APR-2011 13:58
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605844
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\MSC-8270C.m
Meth Date : 02-May-2011 10:04 stephan Quant Type: ISTD
Cal Date : 29-APR-2011 13:58 Cal File: C22994.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.741	4.741	(1.000)	659004	20.0000	
$ 2	2-Fluorophenol	112	3.304	3.304	(0.697)	3716957	80.0000	79
$ 3	Phenol-d5	99	4.438	4.438	(0.936)	4346249	80.0000	77
4	Pyridine	52	1.536	1.536	(0.324)	1065244	80.0000	86(A)
5	N-Nitrosodimethylamine	42	1.524	1.524	(0.321)	798687	80.0000	83(A)
6	Cyclohexanone	42	3.524	3.524	(0.743)	1882150	80.0000	74
128	Benzaldehyde	77	4.260	4.260	(0.899)	351108	80.0000	65
7	Phenol	94	4.456	4.456	(0.940)	4595593	80.0000	75
8	Aniline	93	4.408	4.408	(0.930)	5086364	80.0000	74
9	bis(2-Chloroethyl)ether	63	4.503	4.503	(0.950)	2861190	80.0000	81(A)
10	2-Chlorophenol	128	4.527	4.527	(0.955)	3825307	80.0000	78
11	1,3-Dichlorobenzene	146	4.681	4.681	(0.987)	4153894	80.0000	79
12	1,4-Dichlorobenzene	146	4.764	4.764	(1.005)	4255581	80.0000	80(A)
13	Benzyl alcohol	108	4.942	4.942	(1.043)	2176553	80.0000	72
14	1,2-Dichlorobenzene	146	4.925	4.925	(1.039)	3964340	80.0000	79
15	2,2'-oxybis(1-Chloropropane)	45	5.085	5.085	(1.073)	4672640	80.0000	76
16	2-Methylphenol	108	5.091	5.091	(1.074)	3330043	80.0000	76
92	Acetophenone	105	5.215	5.215	(1.100)	4805142	80.0000	77
17	Hexachloroethane	117	5.281	5.281	(1.114)	1799734	80.0000	78
18	N-Nitroso-di-n-propylamine	70	5.239	5.239	(1.105)	2372098	80.0000	75

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.257	5.257	(1.109)	3425474	80.0000	74
*	20 Naphthalene-d8	136	6.106	6.106	(1.000)	2603488	20.0000	
$	21 Nitrobenzene-d5	82	5.358	5.358	(0.878)	3612737	80.0000	79
	22 Nitrobenzene	77	5.382	5.382	(0.881)	3609081	80.0000	78(H)
	23 Isophorone	82	5.655	5.655	(0.926)	6630821	80.0000	79
	24 2-Nitrophenol	139	5.714	5.714	(0.936)	2034933	80.0000	77
	25 2,4-Dimethylphenol	122	5.815	5.815	(0.952)	3229710	80.0000	77
	26 Benzoic Acid	122	6.034	6.034	(0.988)	2554862	80.0000	79(M)
	27 Bis(2-Chloroethoxy)methane	93	5.904	5.904	(0.967)	4181071	80.0000	77
	28 2,4-Dichlorophenol	162	5.987	5.987	(0.981)	2895774	80.0000	77
	29 1,2,4-Trichlorobenzene	180	6.058	6.058	(0.992)	3010234	80.0000	78
	30 Naphthalene	128	6.129	6.129	(1.004)	8907634	80.0000	70
	31 4-Chloroaniline	127	6.213	6.213	(1.017)	3961286	80.0000	74
	32 Hexachlorobutadiene	225	6.284	6.284	(1.029)	1699351	80.0000	79
	129 Caprolactam	113	6.675	6.675	(1.093)	993826	80.0000	83(AM)
	33 4-Chloro-3-methylphenol	107	6.770	6.770	(1.109)	2838997	80.0000	76
	34 2-Methylnaphthalene	142	6.871	6.871	(1.125)	6556587	80.0000	75
*	35 Acenaphthene-d10	164	7.963	7.963	(1.000)	1452471	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.836	6.836	(1.442)	2642761	80.0000	74
	37 Hexachlorocyclopentadiene	237	7.049	7.049	(0.885)	1599339	80.0000	79
	38 2,4,6-Trichlorophenol	196	7.186	7.186	(0.902)	1855739	80.0000	76
	39 2,4,5-Trichlorophenol	196	7.227	7.227	(0.908)	1986079	80.0000	79
$	40 2-Fluorobiphenyl	172	7.275	7.275	(0.914)	6292405	80.0000	76
	130 1,1'-Biphenyl	154	7.376	7.376	(0.926)	6823141	80.0000	72
	41 2-Chloronaphthalene	162	7.382	7.382	(0.927)	5835584	80.0000	76
	42 2-Nitroaniline	65	7.506	7.506	(0.943)	1660539	80.0000	78
	43 Acenaphthylene	152	7.815	7.815	(0.981)	8607244	80.0000	69
	44 Dimethylphthalate	163	7.726	7.726	(0.970)	6130085	80.0000	74
	45 2,6-Dinitrotoluene	165	7.779	7.779	(0.977)	1474166	80.0000	74
	46 Acenaphthene	153	8.005	8.005	(1.005)	5577156	80.0000	73
	47 3-Nitroaniline	138	7.952	7.952	(0.999)	1795610	80.0000	76
	48 2,4-Dinitrophenol	184	8.052	8.052	(1.011)	972255	80.0000	79
	49 Dibenzofuran	168	8.189	8.189	(1.028)	7527219	80.0000	73
	50 2,4-Dinitrotoluene	165	8.201	8.201	(1.030)	1910658	80.0000	76
	51 4-Nitrophenol	109	8.159	8.159	(1.025)	1067544	80.0000	88(A)
	52 Fluorene	166	8.551	8.551	(1.074)	6415554	80.0000	74
	53 4-Chlorophenyl-phenylether	204	8.557	8.557	(1.075)	2820084	80.0000	75
	54 Diethylphthalate	149	8.474	8.474	(1.064)	6140887	80.0000	74
	55 4-Nitroaniline	138	8.610	8.610	(1.081)	1803342	80.0000	82(A)
$	56 2,4,6-Tribromophenol	330	8.806	8.806	(1.106)	768340	80.0000	75
*	57 Phenanthrene-d10	188	9.530	9.530	(1.000)	2202705	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.634	8.634	(0.906)	1160624	80.0000	80
	59 N-Nitrosodiphenylamine (1)	169	8.693	8.693	(0.912)	4355946	80.0000	71
	60 1,2-Diphenylhydrazine	77	8.729	8.729	(0.916)	5747903	80.0000	71
	61 4-Bromophenyl-phenylether	248	9.073	9.073	(0.952)	1505324	80.0000	71
	131 Atrazine	200	9.287	9.287	(0.974)	1608084	80.0000	76
	62 Hexachlorobenzene	284	9.133	9.133	(0.958)	1607014	80.0000	71
	63 Pentachlorophenol	266	9.346	9.346	(0.981)	1032741	80.0000	79
	64 Phenanthrene	178	9.560	9.560	(1.003)	8119525	80.0000	69
	65 Carbazole	167	9.792	9.792	(1.027)	7855669	80.0000	69
	66 Anthracene	178	9.613	9.613	(1.009)	8350546	80.0000	68
	67 Di-n-butylphthalate	149	10.183	10.183	(1.069)	9086587	80.0000	64
	68 Fluoranthene	202	10.812	10.812	(1.135)	8132892	80.0000	66
*	70 Chrysene-d12	240	12.385	12.385	(1.000)	1728617	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.955	10.955	(0.885)	2268574	80.0000	93(A)
72	Pyrene	202	11.050	11.050	(0.892)	8291053	80.0000	79
$ 73	Terphenyl-d14	244	11.228	11.228	(0.907)	5038063	80.0000	78
74	Butylbenzylphthalate	149	11.750	11.750	(0.949)	3751316	80.0000	77
124	3,3'-Dimethylbenzidine	212	11.726	11.726	(0.947)	1488969	80.0000	74
75	3,3'-Dichlorobenzidine	252	12.356	12.356	(0.998)	1628415	80.0000	65
76	Benzo(a)anthracene	228	12.373	12.373	(0.999)	6269370	80.0000	72
77	Chrysene	228	12.421	12.421	(1.003)	5929260	80.0000	71
78	Bis(2-Ethylhexyl)phthalate	149	12.439	12.439	(1.004)	4987063	80.0000	78
* 79	Perylene-d12	264	14.498	14.498	(1.000)	752101	20.0000	
80	Di-n-octylphthalate	149	13.335	13.335	(0.920)	6956974	80.0000	79
81	Benzo(b)fluoranthene	252	13.881	13.881	(0.957)	4160022	80.0000	86(A)
82	Benzo(k)fluoranthene	252	13.934	13.934	(0.961)	4091133	80.0000	85(A)
83	Benzo(a)pyrene	252	14.415	14.415	(0.994)	3154245	80.0000	86(A)
84	Indeno(1,2,3-cd)pyrene	276	16.481	16.481	(1.137)	2673830	80.0000	79
85	Dibenzo(a,h)anthracene	278	16.534	16.534	(1.140)	2589302	80.0000	79
86	Benzo(g,h,i)perylene	276	17.003	17.003	(1.173)	2660526	80.0000	79
167	Simazine	201	9.263	9.263	(0.972)	1107863	80.0000	150(A)
103	1,2,4,5-Tetrachlorobenzene	216	7.049	7.049	(0.885)	1276389	80.0000	81(A)
109	2,3,4,6-Tetrachlorophenol	232	8.331	8.331	(1.046)	1372494	80.0000	79
119	Pentachloronitrobenzene	237	9.364	9.364	(0.983)	758520	80.0000	77

QC Flag Legend

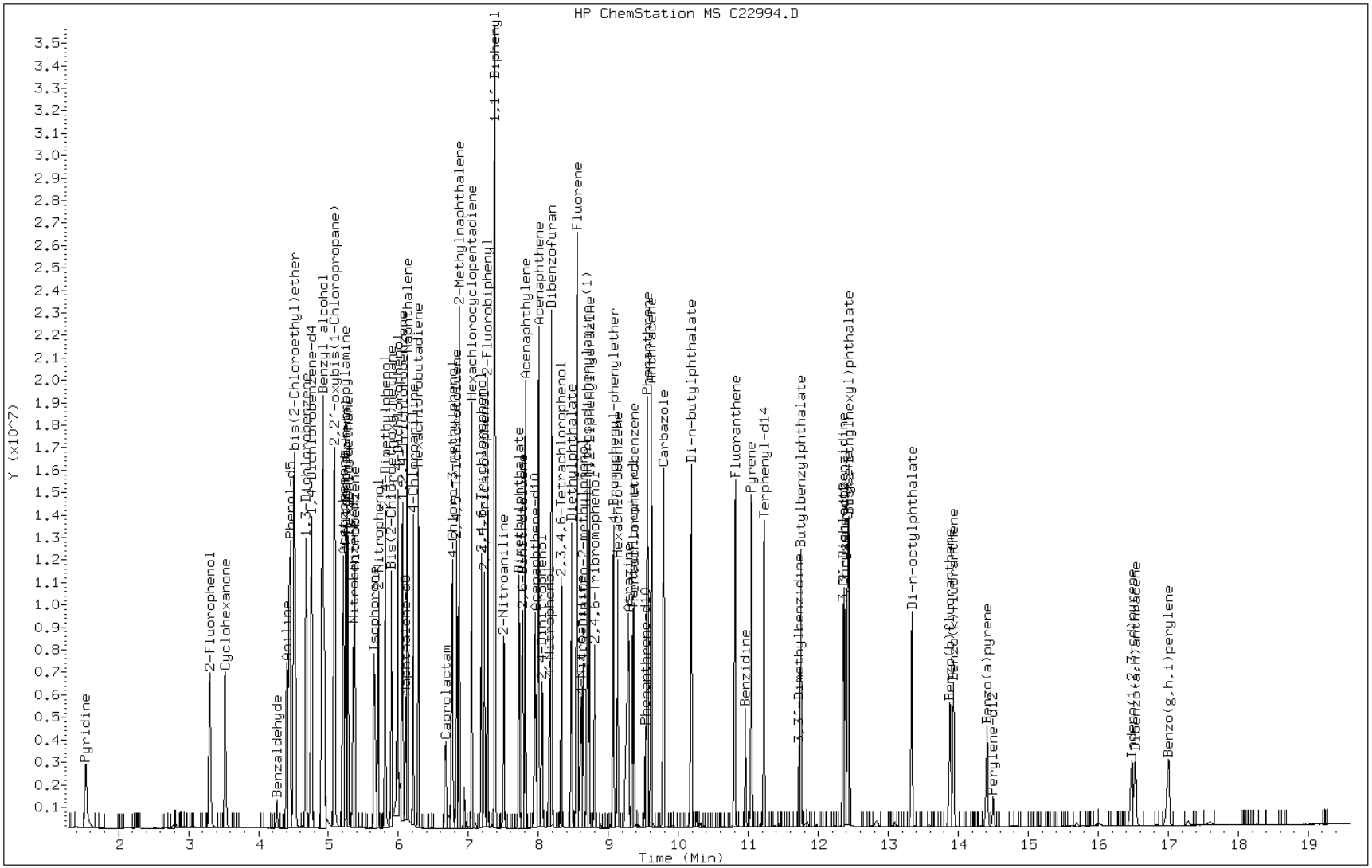
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C22994.D

Date: 29-APR-2011 13:58

Client ID: IC-605844 Instrument: msc.i

Sample Info: IC-605844 Operator: S.Jonas



Manual Integration Report

Data File: C22994.D
Inj. Date and Time: 29-APR-2011 13:58
Instrument ID: msc.i
Client ID: IC-605844
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/06/2011

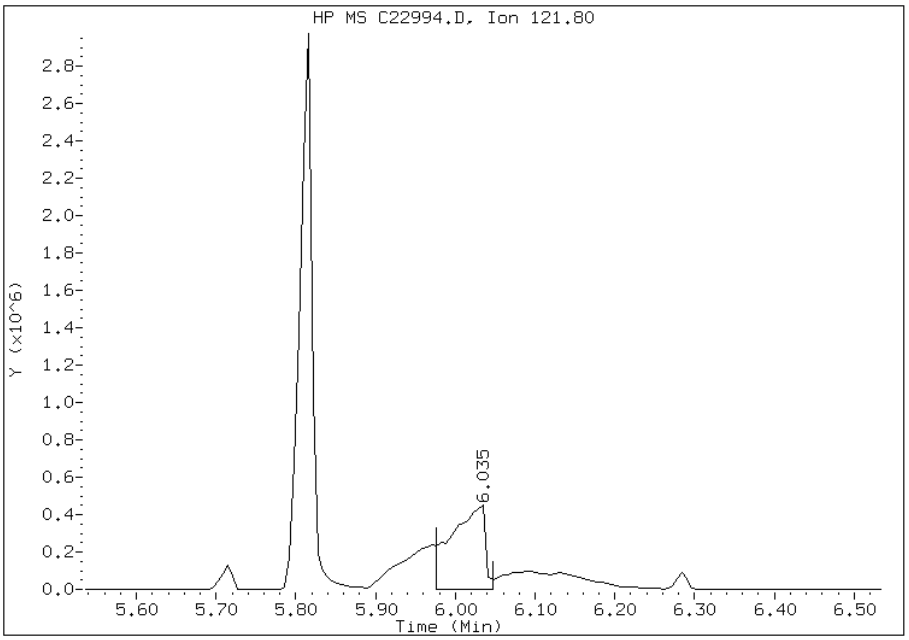
Processing Integration Results

RT: 6.03

Response: 1347173

Amount: 81

Conc: 81



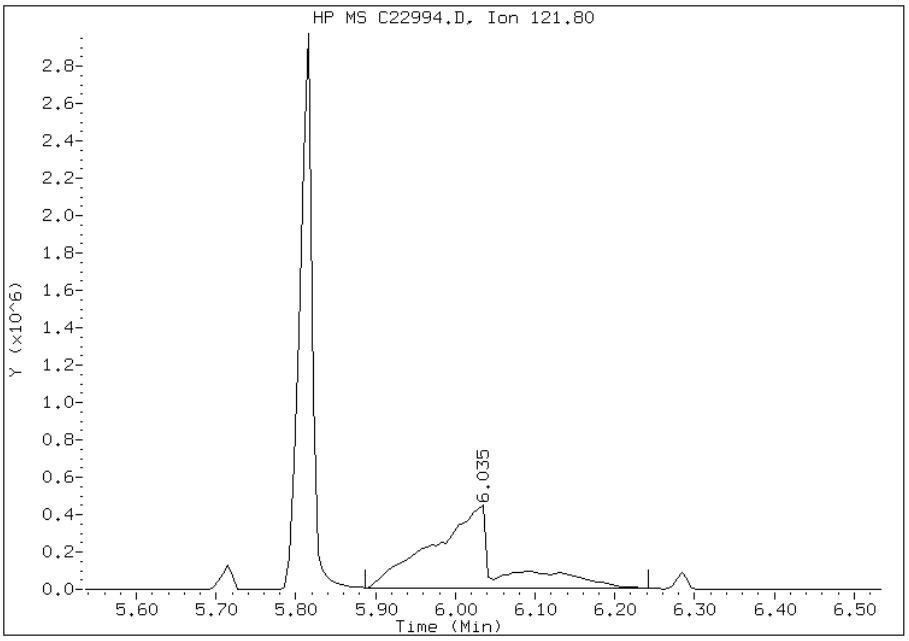
Manual Integration Results

RT: 6.03

Response: 2554862

Amount: 79

Conc: 79



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C22994.D
Inj. Date and Time: 29-APR-2011 13:58
Instrument ID: msc.i
Client ID: IC-605844
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/06/2011

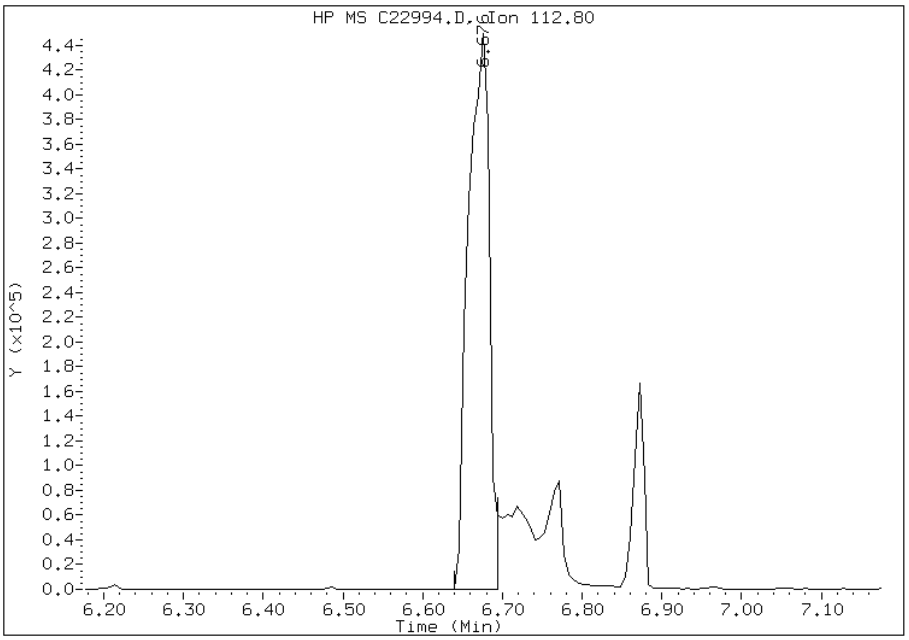
Processing Integration Results

RT: 6.68

Response: 823619

Amount: 79

Conc: 79



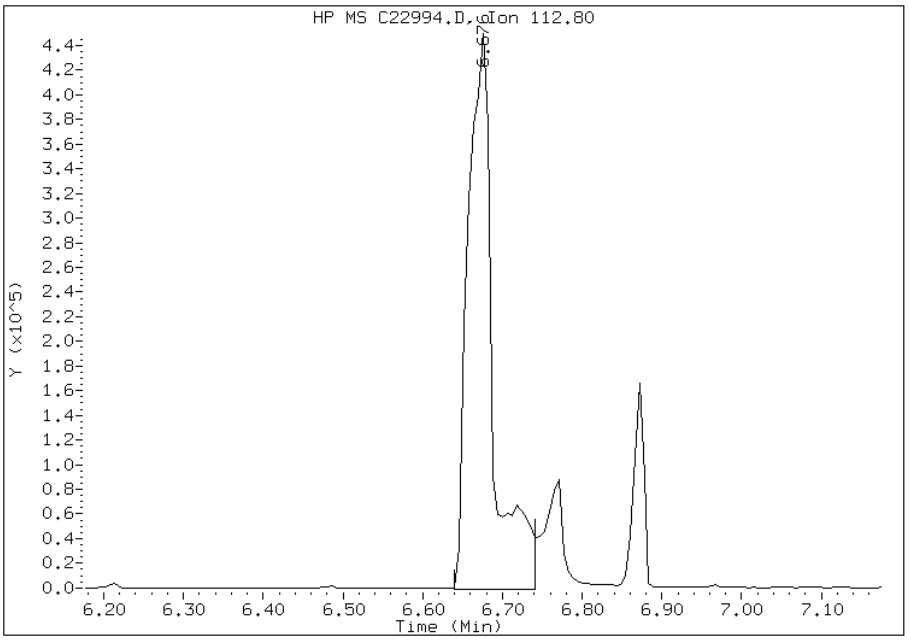
Manual Integration Results

RT: 6.68

Response: 993826

Amount: 83

Conc: 83



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50399/2	C23040.D
Level 2	IC 220-50399/3	C23041.D
Level 3	IC 220-50399/4	C23042.D
Level 4	IC 220-50399/5	C23043.D
Level 5	ICIS 220-50399/1	C23039.D
Level 6	IC 220-50399/6	C23044.D
Level 7	IC 220-50399/7	C23045.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.2787 0.3007	0.2501 0.2961	0.2777	0.2822	0.2847	Ave		0.2814				5.8		15.0			
Pyridine	0.3842 0.4000	0.3104 0.4076	0.3791	0.3936	0.3914	Ave		0.3809				8.5		15.0			
Cyclohexanone	0.7514 0.6749	0.6890 0.6333	0.7263	0.7233	0.6969	Ave		0.6993				5.6		15.0			
Benzaldehyde	0.1211 0.1267	0.1103 0.0886	0.1868	0.3099	0.2755	Ave		0.1741				49.9	*	15.0			
Aniline	1.7984 1.9797	1.9196 1.8598	2.0500	2.0548	2.0256	Ave		1.9554				5.1		15.0			
Phenol	1.8257 1.7029	1.6670 1.6699	1.7120	1.7256	1.7076	Ave		1.7158				3.1		30.0			
Bis(2-chloroethyl)ether	1.0135 1.0664	0.9408 0.9953	0.9586	0.9854	0.9725	Ave		0.9903				4.2		15.0			
2-Chlorophenol	1.4954 1.4210	1.3485 1.4025	1.4155	1.4189	1.4065	Ave		1.4155				3.0		15.0			
1,3-Dichlorobenzene	1.5681 1.5263	1.4367 1.5321	1.4913	1.5259	1.5204	Ave		1.5144				2.7		15.0			
1,4-Dichlorobenzene	1.5561 1.5777	1.4715 1.5556	1.4956	1.5511	1.5650	Ave		1.5389				2.6		30.0			
1,2-Dichlorobenzene	1.5324 1.4761	1.3793 1.4721	1.4324	1.4516	1.4475	Ave		1.4559				3.2		15.0			
Benzyl alcohol	0.8660 0.8720	0.7919 0.8603	0.8659	0.8652	0.8721	Ave		0.8562				3.3		15.0			
2,2'-oxybis[1-chloropropane]	1.8186 1.6995	1.6528 1.6791	1.7246	1.7160	1.7020	Ave		1.7132				3.0		15.0			
2-Methylphenol	1.3619 1.2205	1.1982 1.2051	1.2252	1.2557	1.2308	Ave		1.2425				4.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.8712 1.7637	1.7093 1.7623	1.7801	1.8178	1.7649	Ave		1.7813				2.9		15.0			
N-Nitrosodi-n-propylamine	0.9143 0.8785	0.8685 0.8733	0.8880	0.9095	0.8913	Ave		0.8891			0.0500	2.0		15.0			
Methylphenol, 3 & 4	1.3766 1.2713	1.2398 1.2453	1.3206	1.2988	1.2868	Ave		1.2913				3.7		15.0			
Hexachloroethane	0.6818 0.6614	0.6281 0.6681	0.6667	0.6747	0.6768	Ave		0.6654				2.7		15.0			
Nitrobenzene	0.3494 0.3401	0.3351 0.3319	0.3375	0.3420	0.3435	Ave		0.3399				1.7		15.0			
Isophorone	0.6393 0.6179	0.5948 0.6027	0.5918	0.6106	0.6109	Ave		0.6097				2.6		15.0			
2-Nitrophenol	0.1953 0.1919	0.1839 0.1865	0.1821	0.1924	0.1895	Ave		0.1888				2.6		30.0			
2,4-Dimethylphenol	0.3084 0.2975	0.2977 0.2894	0.3013	0.3011	0.3035	Ave		0.2998				2.0		15.0			
Bis(2-chloroethoxy)methane	0.4080 0.3932	0.3791 0.3823	0.3857	0.3924	0.3985	Ave		0.3913				2.6		15.0			
Benzoic acid	0.2507 0.2155	0.1231 0.2150	0.1704	0.1946	0.2078	Lin	0.1602	0.2239						15.0	0.9950		0.9900
2,4-Dichlorophenol	0.2834 0.2765	0.2608 0.2721	0.2655	0.2711	0.2717	Ave		0.2716				2.7		30.0			
1,2,4-Trichlorobenzene	0.2869 0.2865	0.2710 0.2823	0.2712	0.2801	0.2794	Ave		0.2796				2.3		15.0			
Naphthalene	1.0069 0.9140	0.9328 0.8379	0.9142	0.9300	0.9199	Ave		0.9222				5.3		15.0			
4-Chloroaniline	0.3697 0.3975	0.4057 0.3683	0.4080	0.4091	0.3980	Ave		0.3938				4.5		15.0			
Hexachlorobutadiene	0.1708 0.1629	0.1585 0.1597	0.1556	0.1599	0.1622	Ave		0.1614				3.0		30.0			
Caprolactam	0.0814 0.0862	0.0798 0.0827	0.0863	0.0890	0.0959	Ave		0.0859				6.4		15.0			
4-Chloro-3-methylphenol	0.2756 0.2649	0.2589 0.2564	0.2637	0.2668	0.2674	Ave		0.2648				2.4		30.0			
2,4,5-Trichlorotoluene	1.0851 0.9818	0.9790 0.9654	1.0123	1.0078	0.9815	Ave		1.0018				4.0		15.0			
2-Methylnaphthalene	0.6740 0.6282	0.6343 0.6155	0.6239	0.6332	0.6239	Ave		0.6333				3.0		15.0			
Hexachlorocyclopentadiene	0.0703 0.2429	0.1020 0.2437	0.1607	0.1887	0.2239	Lin	0.1583	0.2525			0.0500			15.0	0.9981		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetrachlorobenzene	0.2300 0.2183	0.1676 0.2259	0.2108	0.1657	0.2101	Ave		0.2041				13.0		15.0			
2,4,6-Trichlorophenol	0.3268 0.3155	0.3166 0.3161	0.3131	0.3170	0.3106	Ave		0.3165				1.6		30.0			
2,4,5-Trichlorophenol	0.3293 0.3232	0.3086 0.3293	0.3135	0.3136	0.3292	Ave		0.3209				2.8		15.0			
1,1'-Biphenyl	1.3731 1.2465	1.2819 1.2645	1.2290	1.2070	1.2238	Ave		1.2608				4.4		15.0			
2-Chloronaphthalene	1.1031 1.0158	1.0244 1.0184	1.0087	0.9783	0.9877	Ave		1.0195				4.0		15.0			
2-Nitroaniline	0.2787 0.2751	0.2699 0.2771	0.2744	0.2712	0.2832	Ave		0.2757				1.6		15.0			
Dimethyl phthalate	1.1384 1.0410	1.0597 1.0720	1.0911	1.0579	1.0463	Ave		1.0724				3.1		15.0			
2,6-Dinitrotoluene	0.2565 0.2534	0.2547 0.2504	0.2590	0.2574	0.2560	Ave		0.2553				1.1		15.0			
Acenaphthylene	1.8259 1.5367	1.6731 1.5561	1.6841	1.5986	1.5733	Ave		1.6354				6.2		15.0			
3-Nitroaniline	0.3164 0.3116	0.3034 0.3071	0.3116	0.3158	0.3195	Ave		0.3122				1.8		15.0			
Acenaphthene	1.1098 0.9560	1.0167 0.9466	0.9958	0.9650	0.9575	Ave		0.9925				5.8		30.0			
2,4-Dinitrophenol	+++++ 0.1529	0.0735 0.1602	0.1153	0.1201	0.1436	Lin	0.3870	0.1760			0.0500			15.0	0.9975		0.9900
4-Nitrophenol	0.1261 0.1822	0.1321 0.1838	0.1488	0.1542	0.1630	Ave		0.1557			0.0500	14.4		15.0			
Dibenzofuran	1.5251 1.2985	1.4207 1.3211	1.3405	1.2962	1.2908	Ave		1.3561				6.4		15.0			
2,4-Dinitrotoluene	0.3637 0.3305	0.3405 0.3431	0.3333	0.3216	0.3306	Ave		0.3376				4.0		15.0			
2,3,4,6-Tetrachlorophenol	0.2434 0.2348	0.1881 0.2414	0.2385	0.1852	0.2321	Ave		0.2233				11.4		15.0			
Diethyl phthalate	1.1927 1.0482	1.0960 1.0641	1.0882	1.0761	1.0665	Ave		1.0903				4.4		15.0			
Fluorene	1.2705 1.0968	1.1704 1.1334	1.1542	1.0732	1.0791	Ave		1.1397				6.0		15.0			
4-Chlorophenyl phenyl ether	0.5541 0.4698	0.4938 0.5030	0.4898	0.4673	0.4590	Ave		0.4910				6.5		15.0			
4-Nitroaniline	0.3093 0.2890	0.2787 0.2928	0.3072	0.2944	0.2992	Ave		0.2958				3.6		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4,6-Dinitro-2-methylphenol	0.0893 0.1322	0.0970 0.1273	0.1184	0.1192	0.1246	Ave		0.1154				13.9		15.0			
N-Nitrosodiphenylamine	0.5854 0.5032	0.5196 0.4837	0.5312	0.5239	0.4965	Ave		0.5205				6.4		30.0			
1,2-Diphenylhydrazine	0.7462 0.6596	0.7013 0.6312	0.6952	0.6730	0.6627	Ave		0.6813				5.4		15.0			
4-Bromophenyl phenyl ether	0.2058 0.1733	0.1871 0.1715	0.1822	0.1769	0.1667	Ave		0.1805				7.2		15.0			
Hexachlorobenzene	0.2221 0.1847	0.1966 0.1877	0.1935	0.1899	0.1800	Ave		0.1935				7.1		15.0			
Simazine	0.1191 0.1202	0.1139 0.1172	0.1171	0.1187	0.1205	Ave		0.1181				1.9		15.0			
Atrazine	0.1930 0.1832	0.1760 0.1731	0.1780	0.1757	0.1818	Ave		0.1801				3.7		15.0			
Pentachlorophenol	0.0872 0.1122	0.0942 0.1156	0.1064	0.1069	0.1091	Ave		0.1045				9.7		30.0			
Pentachloronitrobenzene	0.0984 0.0908	0.0738 0.0882	0.0958	0.0732	0.0899	Ave		0.0872				11.5		15.0			
Phenanthrene	1.1735 0.9456	1.0776 0.9053	1.0471	1.0150	0.9410	Ave		1.0150				9.2		15.0			
Anthracene	1.1665 0.9560	1.1005 0.9297	1.0891	1.0536	0.9902	Ave		1.0408				8.2		15.0			
Carbazole	1.1006 0.8952	1.0200 0.8569	1.0179	0.9667	0.9455	Ave		0.9718				8.5		15.0			
Di-n-butyl phthalate	1.3009 1.0935	1.2000 1.0324	1.2012	1.1766	1.1396	Ave		1.1635				7.4		15.0			
Fluoranthene	1.1825 0.9487	1.0743 0.9097	1.0726	1.0237	0.9844	Ave		1.0280				8.9		30.0			
Benzidine	0.1782 0.2661	0.1746 0.2390	0.2360	0.2941	0.2505	Lin	-0.010	0.2502						15.0	0.9924		0.9900
Pyrene	1.3247 1.1625	1.2436 1.2000	1.2127	1.2319	1.1451	Ave		1.2172				4.9		15.0			
3,3'-Dimethylbenzidine	0.2450 0.1963	0.1583 0.1736	0.1656	0.2143	0.2299	Qua	0.1663	2.1767	4.6326					15.0	0.9936		0.9900
Butyl benzyl phthalate	0.4924 0.4959	0.4744 0.4958	0.4920	0.5230	0.5049	Ave		0.4969				3.0		15.0			
3,3'-Dichlorobenzidine	0.2828 0.2414	0.2571 0.2268	0.2678	0.2727	0.2657	Ave		0.2592				7.4		15.0			
Benzo[a]anthracene	1.0079 0.8866	0.9488 0.8646	0.9494	0.9751	0.9117	Ave		0.9349				5.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chrysene	0.9980 0.8446	0.9450 0.8071	0.9173	0.9623	0.8940	Ave		0.9098				7.4		15.0			
Bis(2-ethylhexyl) phthalate	0.5484 0.6233	0.5317 0.5967	0.5555	0.6252	0.6421	Ave		0.5890				7.4		15.0			
Di-n-octyl phthalate	0.8389 1.5876	0.8210 1.7711	0.9305	1.0863	1.3995	Qua	0.1064	0.7668	-0.031					30.0	0.9985		0.9900
Benzo[b]fluoranthene	1.0556 1.2183	1.0189 1.2450	1.0732	1.1248	1.2422	Ave		1.1397				8.3		15.0			
Benzo[k]fluoranthene	1.0452 1.2371	0.9984 1.2053	1.0501	1.0918	1.2076	Ave		1.1194				8.5		15.0			
Benzo[a]pyrene	0.8263 0.8995	0.7951 0.9070	0.8350	0.8538	0.9273	Ave		0.8634				5.6		30.0			
Indeno[1,2,3-cd]pyrene	0.4769 0.5795	0.4545 +++++	0.4672	0.4643	0.4552	Ave		0.4829				9.9		15.0			
Dibenz(a,h)anthracene	0.4163 0.5878	0.3932 0.6971	0.4232	0.4466	0.4358	Qua	0.0276	2.3708	-0.344					15.0	0.9964		0.9900
Benzo[g,h,i]perylene	0.4533 0.6070	0.4211 +++++	0.4423	0.4524	0.4279	Ave		0.4673				14.9		15.0			
2-Fluorophenol	1.3969 1.3778	1.2899 1.3678	1.3256	1.3715	1.3725	Ave		1.3574				2.7		15.0			
Phenol-d5	1.6419 1.5749	1.5262 1.5625	1.5948	1.6165	1.5922	Ave		1.5870				2.4		15.0			
Nitrobenzene-d5	0.3498 0.3360	0.3210 0.3291	0.3282	0.3384	0.3390	Ave		0.3345				2.8		15.0			
2-Fluorobiphenyl	1.1827 1.0641	1.0878 1.0794	1.0759	1.0436	1.0619	Ave		1.0851				4.2		15.0			
2,4,6-Tribromophenol	0.1462 0.1333	0.1371 0.1386	0.1300	0.1302	0.1316	Ave		0.1353				4.3		15.0			
Terphenyl-d14	0.7968 0.7044	0.7512 0.7231	0.7546	0.7595	0.6781	Ave		0.7383				5.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50399/2	C23040.D
Level 2	IC 220-50399/3	C23041.D
Level 3	IC 220-50399/4	C23042.D
Level 4	IC 220-50399/5	C23043.D
Level 5	ICIS 220-50399/1	C23039.D
Level 6	IC 220-50399/6	C23044.D
Level 7	IC 220-50399/7	C23045.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	19270 599235	36249 770835	101040	192628	394418	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyridine	DCB	Ave	26559 797160	44997 1060972	137948	268651	542239	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	51950 1345070	99883 1648536	264302	493766	965634	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzaldehyde	DCB	Ave	8369 252495	15983 230540	67960	211521	381776	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Aniline	DCB	Ave	124331 3945521	278272 4841538	745970	1402646	2806547	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol	DCB	Ave	126218 3393808	241655 4347112	622992	1177945	2365921	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethyl)ether	DCB	Ave	70064 2125330	136380 2590945	348815	672658	1347445	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chlorophenol	DCB	Ave	103384 2831954	195476 3651125	515081	968530	1948775	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,3-Dichlorobenzene	DCB	Ave	108410 3041841	208263 3988503	542683	1041571	2106600	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,4-Dichlorobenzene	DCB	Ave	107579 3144238	213305 4049639	544222	1058823	2168406	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Dichlorobenzene	DCB	Ave	105938 2941722	199941 3832374	521239	990895	2005607	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzyl alcohol	DCB	Ave	59868 1737869	114792 2239563	315102	590603	1208405	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	125725 3386938	239591 4371067	627555	1171344	2358236	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylphenol	DCB	Ave	94150 2432373	173698 3137244	445824	857141	1705388	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acetophenone	DCB	Ave	129363 3514996	247778 4587765	647759	1240863	2445387	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	63210 1750808	125892 2273504	323144	620868	1234939	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Methylphenol, 3 & 4	DCB	Ave	95167 2533741	179715 3241909	480552	886609	1782944	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachloroethane	DCB	Ave	47137 1318187	91052 1739249	242598	460531	937805	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene	NPT	Ave	96328 2628179	189634 3390761	493035	930319	1857258	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Isophorone	NPT	Ave	176248 4775516	336636 6158210	864450	1660771	3302933	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitrophenol	NPT	Ave	53849 1482953	104062 1905431	266018	523250	1024323	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dimethylphenol	NPT	Ave	85021 2298965	168511 2957242	440096	819054	1640998	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethoxy)methane	NPT	Ave	112498 3038489	214546 3906059	563493	1067188	2154663	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzoic acid	NPT	Lin	69126 1665425	174198 2196614	622293	794042	1123572	2.00 60.0	10.0 80.0	25.0	30.0	40.0
2,4-Dichlorophenol	NPT	Ave	78126 2137093	147607 2780255	387879	737245	1468955	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4-Trichlorobenzene	NPT	Ave	79085 2214223	153378 2883903	396140	761975	1510622	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Naphthalene	NPT	Ave	277598 7063395	527925 8561088	1335451	2529588	4973671	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloroaniline	NPT	Ave	101918 3072038	229621 3762628	596025	1112717	2151872	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobutadiene	NPT	Ave	47081 1259053	89678 1631926	227247	434787	877072	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Caprolactam	NPT	Ave	22431 666476	45146 844690	126043	241989	518762	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloro-3-methylphenol	NPT	Ave	75993 2047427	146534 2619897	385168	725576	1445619	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,5-Trichlorotoluene	DCB	Ave	75017 1956653	141916 2513140	368359	687906	1359921	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylnaphthalene	NPT	Ave	185823 4855125	358973 6288671	911358	1722289	3373244	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorocyclopentadiene	ANT	Lin	10946 1063100	32622 1368743	131524	294571	684206	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	35815 955624	66984 1268859	172543	323466	642191	2.00 60.0	5.00 80.0	10.0	25.0	40.0
2,4,6-Trichlorophenol	ANT	Ave	50889 1381016	101237 1775791	256244	494970	949111	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,5-Trichlorophenol	ANT	Ave	128181 1414667	246711 1849707	641409	734436	1005975	5.00 60.0	10.0 80.0	25.0	30.0	40.0
1,1'-Biphenyl	ANT	Ave	213819 5455569	409941 7103515	1005804	1884439	3740230	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chloronaphthalene	ANT	Ave	171779 4445991	327611 5720824	825513	1527430	3018535	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitroaniline	ANT	Ave	43407 1203820	86305 1556595	224601	423409	865582	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dimethyl phthalate	ANT	Ave	177280 4556296	338880 6022093	892980	1651712	3197772	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,6-Dinitrotoluene	ANT	Ave	39937 1109107	81442 1406611	211937	401915	782441	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthylene	ANT	Ave	284333 6725587	535052 8741191	1378264	2495857	4808245	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3-Nitroaniline	ANT	Ave	49274 1363758	97028 1725258	254995	493051	976460	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthene	ANT	Ave	172825 4184188	325132 5317582	814993	1506559	2926244	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrophenol	ANT	Lin	+++++ 669225	58778 899687	235974	281256	438902	+++++ 60.0	10.0 80.0	25.0	30.0	40.0
4-Nitrophenol	ANT	Ave	49084 797338	105605 1032696	304352	361026	498130	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Dibenzofuran	ANT	Ave	237485 5683308	454332 7421458	1097078	2023654	3944826	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	56629 1446655	108903 1927194	272775	502066	1010496	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	37895 1027652	75186 1356349	195206	361344	709241	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Diethyl phthalate	ANT	Ave	185734 4587772	350511 5977842	890631	1679986	3259471	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluorene	ANT	Ave	197851 4800268	374311 6366809	944600	1675557	3297998	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chlorophenyl phenyl ether	ANT	Ave	86280 2056355	157921 2825587	400893	729626	1402680	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Nitroaniline	ANT	Ave	48165 1264699	89143 1645059	251426	459619	914313	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4,6-Dinitro-2-methylphenol	PHN	Ave	51973 853629	116780 1117201	361729	409782	578525	5.00 60.0	10.0 80.0	25.0	30.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	136288 3250188	250281 4244271	649216	1200648	2304742	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Diphenylhydrazine	PHN	Ave	173719 4260345	337803 5538054	849572	1542121	3076330	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Bromophenyl phenyl ether	PHN	Ave	47920 1119377	90104 1504842	222618	405441	773741	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobenzene	PHN	Ave	51703 1193071	94693 1646521	236489	435186	835792	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Simazine	PHN	Ave	27728 776159	54858 1028264	143164	271937	559535	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Atrazine	PHN	Ave	44929 1183130	84789 1518428	217520	402741	843781	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pentachlorophenol	PHN	Ave	50774 724855	113472 1014155	325151	367290	506378	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Pentachloronitrobenzene	PHN	Ave	22907 586357	44424 773896	117127	209589	417482	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Phenanthrene	PHN	Ave	273193 6107361	519059 7943269	1279683	2325899	4368581	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Anthracene	PHN	Ave	271563 6174126	530075 8156837	1330985	2414479	4596555	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Carbazole	PHN	Ave	256219 5781959	491320 7518681	1243947	2215347	4389445	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-butyl phthalate	PHN	Ave	302867 7062286	578016 9058241	1467972	2696344	5290361	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluoranthene	PHN	Ave	275293 6127219	517486 7981308	1310760	2345832	4569827	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzidine	CRY	Lin	38104 1404413	75331 1621472	261673	574653	1026985	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyrene	CRY	Ave	283177 6134853	536599 8141474	1344388	2406818	4694170	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dimethylbenzidine	CRY	Qua	52375 1035736	68307 1178057	183539	418707	942565	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Butyl benzyl phthalate	CRY	Ave	105266 2616672	204676 3363504	545408	1021817	2069819	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dichlorobenzidine	CRY	Ave	60455 1274032	110953 1538570	296906	532719	1089327	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]anthracene	CRY	Ave	215461 4678834	409379 5865999	1052468	1905108	3737568	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Chrysene	CRY	Ave	213354 4457065	407748 5475965	1016925	1880031	3665069	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	117223 3289224	229415 4048471	615837	1221463	2632124	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-octyl phthalate	PRY	Qua	130587 4289723	257324 5496958	713761	1425072	3242215	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[b]fluoranthene	PRY	Ave	164307 3291895	319348 3864168	823182	1475662	2877875	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50399

SDG No.:

Instrument ID: MSC GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/03/2011 08:03 Calibration End Date: 05/03/2011 11:10 Calibration ID: 10526

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzo[k]fluoranthene	PRY	Ave	162699 3342677	312922 3741012	805495	1432287	2797671	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]pyrene	PRY	Ave	128625 2430478	249202 2815071	640490	1120058	2148229	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	74228 1565817	142452 +++++	358337	609116	1054672	2.00 60.0	4.00 +++++	10.0	20.0	40.0
Dibenz(a,h)anthracene	PRY	Qua	64796 1588110	123239 2163702	324637	585867	1009737	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[g,h,i]perylene	PRY	Ave	70555 1640135	131988 +++++	339235	593505	991375	2.00 60.0	4.00 +++++	10.0	20.0	40.0
2-Fluorophenol	DCB	Ave	96575 2745952	186981 3560811	482371	936198	1901716	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol-d5	DCB	Ave	113512 3138644	221241 4067503	580344	1103429	2206102	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene-d5	NPT	Ave	96446 2596913	181679 3362653	479432	920419	1832620	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorobiphenyl	ANT	Ave	184170 4657094	347872 6063723	880569	1629249	3245478	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,6-Tribromophenol	ANT	Ave	56899 583478	109624 778652	265910	304976	402132	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Terphenyl-d14	CRY	Ave	170334 3717361	324143 4905834	836568	1483847	2779979	2.00 60.0	4.00 80.0	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\C23039.D
Lab Smp Id: ICIS-605031 Client Smp ID: ICIS-605031
Inj Date : 03-MAY-2011 08:03
Operator : S.Jonas Inst ID: msc.i
Smp Info : ICIS-605031
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\MSC-8270C.m
Meth Date : 04-May-2011 07:00 msc.i Quant Type: ISTD
Cal Date : 03-MAY-2011 08:03 Cal File: C23039.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.711	4.711	(1.000)	692780	20.0000	
$ 2	2-Fluorophenol	112	3.269	3.269	(0.694)	1901716	40.0000	40
$ 3	Phenol-d5	99	4.402	4.402	(0.934)	2206102	40.0000	40
4	Pyridine	52	1.500	1.500	(0.318)	542239	40.0000	41
5	N-Nitrosodimethylamine	42	1.494	1.494	(0.317)	394418	40.0000	40
6	Cyclohexanone	42	3.482	3.482	(0.739)	965634	40.0000	40
128	Benzaldehyde	77	4.230	4.230	(0.898)	381776	40.0000	63
7	Phenol	94	4.414	4.414	(0.937)	2365921	40.0000	40
8	Aniline	93	4.367	4.367	(0.927)	2806547	40.0000	41
9	bis(2-Chloroethyl)ether	63	4.468	4.468	(0.948)	1347445	40.0000	39
10	2-Chlorophenol	128	4.491	4.491	(0.953)	1948775	40.0000	40
11	1,3-Dichlorobenzene	146	4.646	4.646	(0.986)	2106600	40.0000	40
12	1,4-Dichlorobenzene	146	4.729	4.729	(1.004)	2168406	40.0000	41
13	Benzyl alcohol	108	4.901	4.901	(1.040)	1208405	40.0000	41
14	1,2-Dichlorobenzene	146	4.889	4.889	(1.038)	2005607	40.0000	40
15	2,2'-oxybis(1-Chloropropane)	45	5.049	5.049	(1.072)	2358236	40.0000	40
16	2-Methylphenol	108	5.055	5.055	(1.073)	1705388	40.0000	40
92	Acetophenone	105	5.168	5.168	(1.097)	2445387	40.0000	40
17	Hexachloroethane	117	5.251	5.251	(1.115)	937805	40.0000	41
18	N-Nitroso-di-n-propylamine	70	5.198	5.198	(1.103)	1234939	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.221	5.221	(1.108)	1782944	40.0000	40
*	20 Naphthalene-d8	136	6.070	6.070	(1.000)	2703341	20.0000	
$	21 Nitrobenzene-d5	82	5.316	5.316	(0.876)	1832620	40.0000	41
	22 Nitrobenzene	77	5.340	5.340	(0.880)	1857258	40.0000	40
	23 Isophorone	82	5.607	5.607	(0.924)	3302933	40.0000	40
	24 2-Nitrophenol	139	5.678	5.678	(0.935)	1024323	40.0000	40
	25 2,4-Dimethylphenol	122	5.773	5.773	(0.951)	1640998	40.0000	40
	26 Benzoic Acid	122	5.957	5.957	(0.981)	1123572	40.0000	40(M)
	27 Bis(2-Chloroethoxy)methane	93	5.862	5.862	(0.966)	2154663	40.0000	41
	28 2,4-Dichlorophenol	162	5.951	5.951	(0.980)	1468955	40.0000	40
	29 1,2,4-Trichlorobenzene	180	6.023	6.023	(0.992)	1510622	40.0000	40
	30 Naphthalene	128	6.094	6.094	(1.004)	4973671	40.0000	40
	31 4-Chloroaniline	127	6.177	6.177	(1.018)	2151872	40.0000	40
	32 Hexachlorobutadiene	225	6.254	6.254	(1.030)	877072	40.0000	40
	129 Caprolactam	113	6.587	6.587	(1.085)	518762	40.0000	45(M)
	33 4-Chloro-3-methylphenol	107	6.729	6.729	(1.109)	1445619	40.0000	40
	34 2-Methylnaphthalene	142	6.836	6.836	(1.126)	3373244	40.0000	39
*	35 Acenaphthene-d10	164	7.928	7.928	(1.000)	1528107	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.800	6.800	(1.443)	1359921	40.0000	39
	37 Hexachlorocyclopentadiene	237	7.014	7.014	(0.885)	684206	40.0000	39
	38 2,4,6-Trichlorophenol	196	7.150	7.150	(0.902)	949111	40.0000	39
	39 2,4,5-Trichlorophenol	196	7.192	7.192	(0.907)	1005975	40.0000	41
$	40 2-Fluorobiphenyl	172	7.239	7.239	(0.913)	3245478	40.0000	39
	130 1,1'-Biphenyl	154	7.334	7.334	(0.925)	3740230	40.0000	39
	41 2-Chloronaphthalene	162	7.346	7.346	(0.927)	3018535	40.0000	39
	42 2-Nitroaniline	65	7.465	7.465	(0.942)	865582	40.0000	41
	43 Acenaphthylene	152	7.774	7.774	(0.981)	4808245	40.0000	38
	44 Dimethylphthalate	163	7.685	7.685	(0.969)	3197772	40.0000	39
	45 2,6-Dinitrotoluene	165	7.732	7.732	(0.975)	782441	40.0000	40
	46 Acenaphthene	153	7.964	7.964	(1.004)	2926244	40.0000	39
	47 3-Nitroaniline	138	7.904	7.904	(0.997)	976460	40.0000	41
	48 2,4-Dinitrophenol	184	8.011	8.011	(1.010)	438902	40.0000	40
	49 Dibenzofuran	168	8.148	8.148	(1.028)	3944826	40.0000	38
	50 2,4-Dinitrotoluene	165	8.153	8.153	(1.028)	1010496	40.0000	39
	51 4-Nitrophenol	109	8.118	8.118	(1.024)	498130	40.0000	42
	52 Fluorene	166	8.510	8.510	(1.073)	3297998	40.0000	38
	53 4-Chlorophenyl-phenylether	204	8.521	8.521	(1.075)	1402680	40.0000	37
	54 Diethylphthalate	149	8.426	8.426	(1.063)	3259471	40.0000	39
	55 4-Nitroaniline	138	8.557	8.557	(1.079)	914313	40.0000	40
$	56 2,4,6-Tribromophenol	330	8.765	8.765	(1.106)	402132	40.0000	39
*	57 Phenanthrene-d10	188	9.489	9.489	(1.000)	2321131	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.587	8.587	(0.905)	578525	40.0000	43
	59 N-Nitrosodiphenylamine (1)	169	8.652	8.652	(0.912)	2304742	40.0000	38
	60 1,2-Diphenylhydrazine	77	8.688	8.688	(0.916)	3076330	40.0000	39
	61 4-Bromophenyl-phenylether	248	9.032	9.032	(0.952)	773741	40.0000	37
	131 Atrazine	200	9.240	9.240	(0.974)	843781	40.0000	40
	62 Hexachlorobenzene	284	9.091	9.091	(0.958)	835792	40.0000	37
	63 Pentachlorophenol	266	9.305	9.305	(0.981)	506378	40.0000	42
	64 Phenanthrene	178	9.513	9.513	(1.002)	4368581	40.0000	37
	65 Carbazole	167	9.750	9.750	(1.028)	4389445	40.0000	39
	66 Anthracene	178	9.566	9.566	(1.008)	4596555	40.0000	38
	67 Di-n-butylphthalate	149	10.142	10.142	(1.069)	5290361	40.0000	39
	68 Fluoranthene	202	10.765	10.765	(1.134)	4569827	40.0000	38
*	70 Chrysene-d12	240	12.332	12.332	(1.000)	2049751	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.919	10.919	(0.885)	1026985	40.0000	40
72	Pyrene	202	11.002	11.002	(0.892)	4694170	40.0000	38
$ 73	Terphenyl-d14	244	11.180	11.180	(0.907)	2779979	40.0000	37
74	Butylbenzylphthalate	149	11.709	11.709	(0.949)	2069819	40.0000	41
124	3,3'-Dimethylbenzidine	212	11.685	11.685	(0.948)	942565	40.0000	43
75	3,3'-Dichlorobenzidine	252	12.302	12.302	(0.998)	1089327	40.0000	41
76	Benzo(a)anthracene	228	12.320	12.320	(0.999)	3737568	40.0000	39
77	Chrysene	228	12.368	12.368	(1.003)	3665069	40.0000	39
78	Bis(2-Ethylhexyl)phthalate	149	12.391	12.391	(1.005)	2632124	40.0000	44
* 79	Perylene-d12	264	14.433	14.433	(1.000)	1158375	20.0000	
80	Di-n-octylphthalate	149	13.276	13.276	(0.920)	3242215	40.0000	40
81	Benzo(b)fluoranthene	252	13.816	13.816	(0.957)	2877875	40.0000	44
82	Benzo(k)fluoranthene	252	13.863	13.863	(0.961)	2797671	40.0000	43
83	Benzo(a)pyrene	252	14.338	14.338	(0.993)	2148229	40.0000	43
84	Indeno(1,2,3-cd)pyrene	276	16.380	16.380	(1.135)	1054672	40.0000	38
85	Dibenzo(a,h)anthracene	278	16.433	16.433	(1.139)	1009737	40.0000	37
86	Benzo(g,h,i)perylene	276	16.896	16.896	(1.171)	991375	40.0000	37
167	Simazine	201	9.216	9.216	(0.971)	559535	40.0000	41
103	1,2,4,5-Tetrachlorobenzene	216	7.014	7.014	(0.885)	642191	40.0000	41
109	2,3,4,6-Tetrachlorophenol	232	8.290	8.290	(1.046)	709241	40.0000	42
119	Pentachloronitrobenzene	237	9.323	9.323	(0.982)	417482	40.0000	41

QC Flag Legend

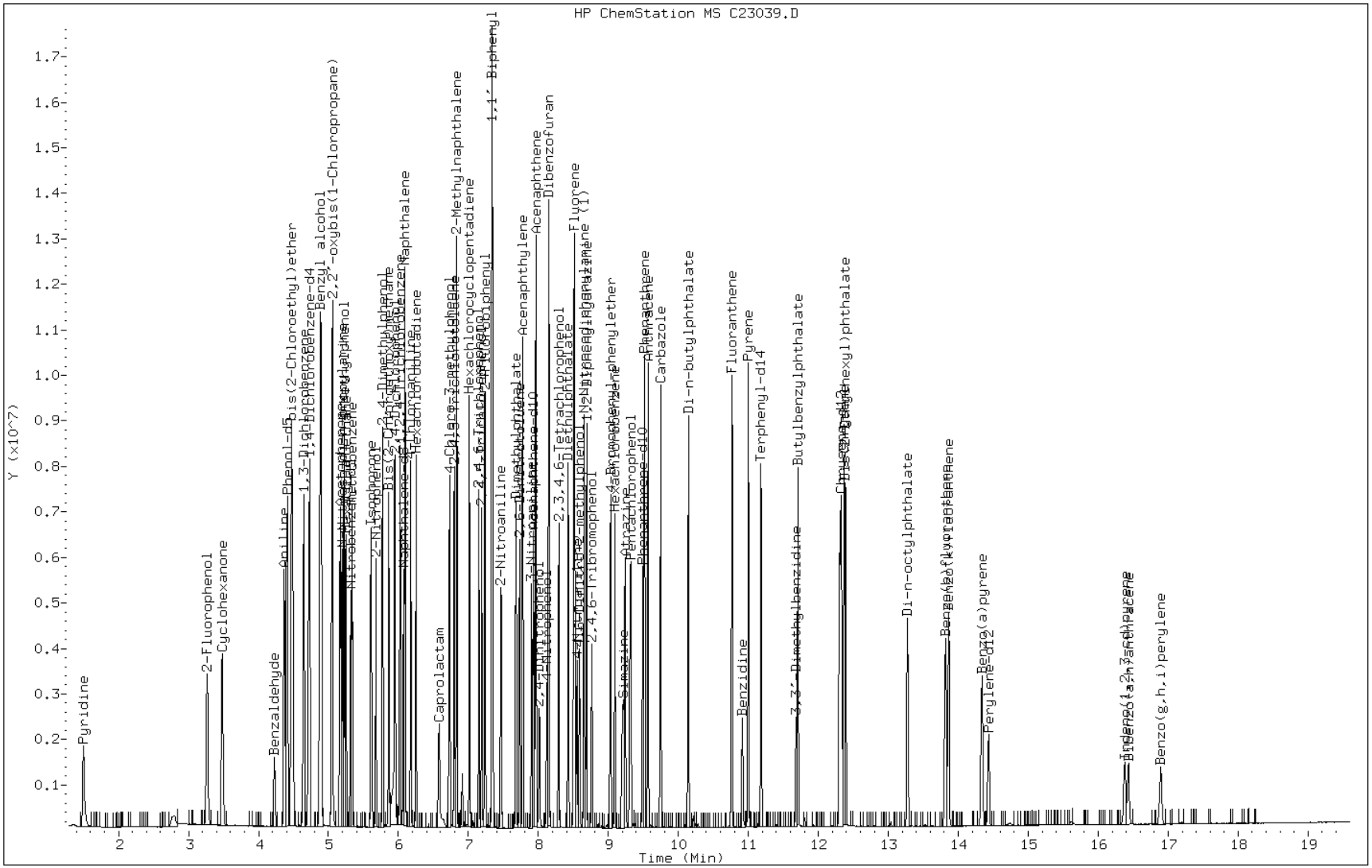
M - Compound response manually integrated.

Data File: C23039.D

Date: 03-MAY-2011 08:03

Client ID: ICIS-605031 Instrument: msc.i

Sample Info: ICIS-605031 Operator: S.Jonas



Manual Integration Report

Data File: C23039.D
Inj. Date and Time: 03-MAY-2011 08:03
Instrument ID: msc.i
Client ID: ICIS-605031
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/04/2011

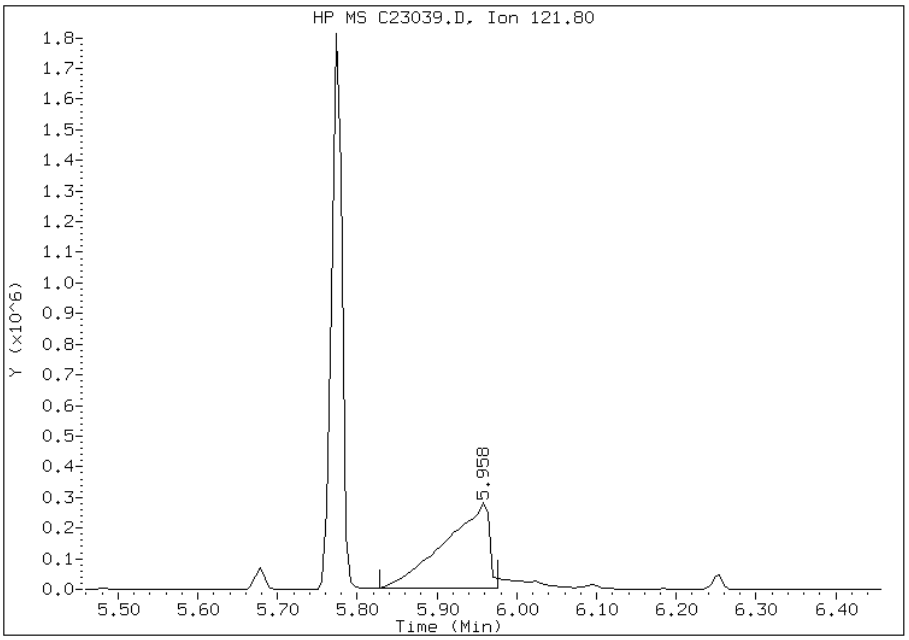
Processing Integration Results

RT: 5.96

Response: 1070242

Amount: 40

Conc: 40



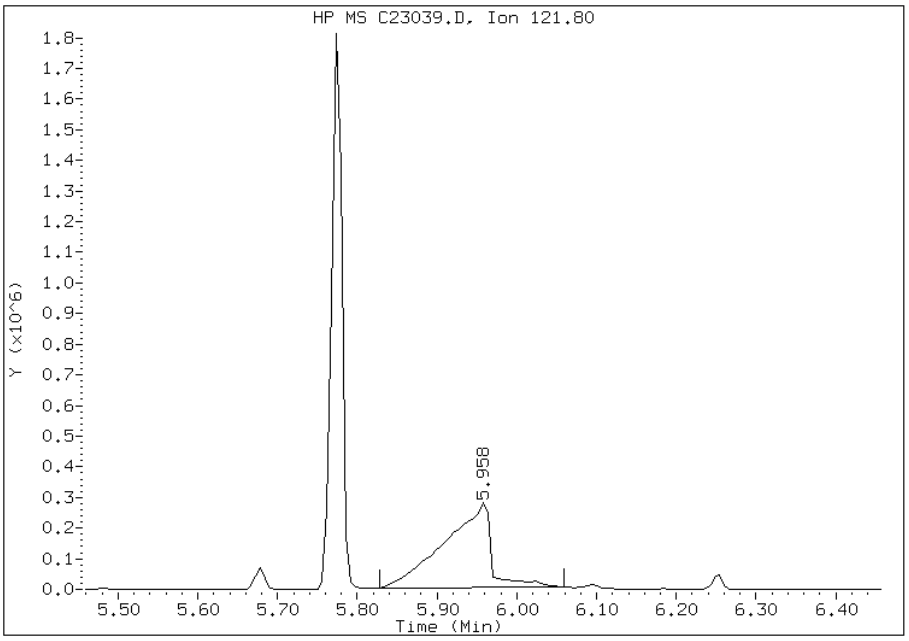
Manual Integration Results

RT: 5.96

Response: 1123572

Amount: 40

Conc: 40



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C23039.D
Inj. Date and Time: 03-MAY-2011 08:03
Instrument ID: msc.i
Client ID: ICIS-605031
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/04/2011

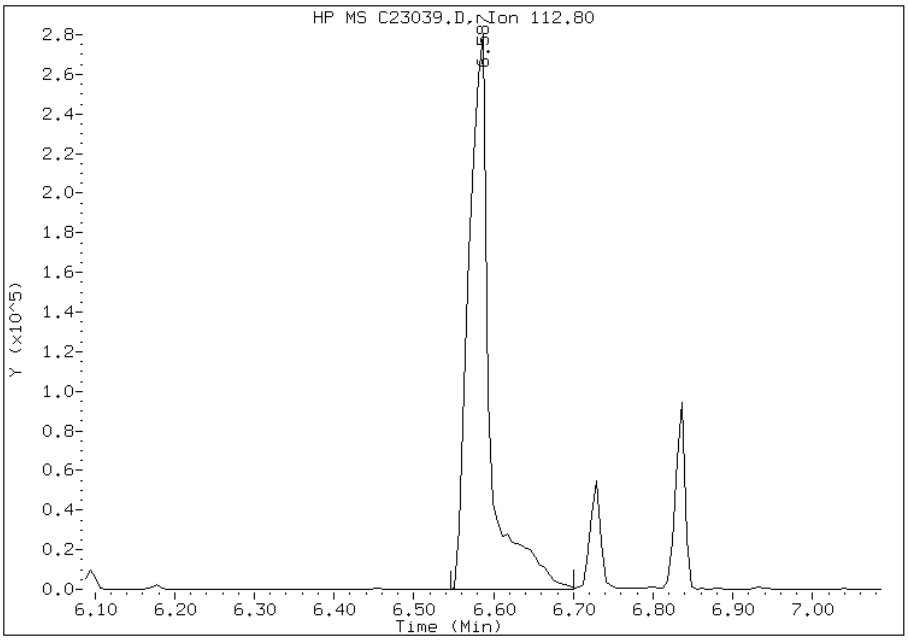
Processing Integration Results

RT: 6.59

Response: 518762

Amount: 40

Conc: 40



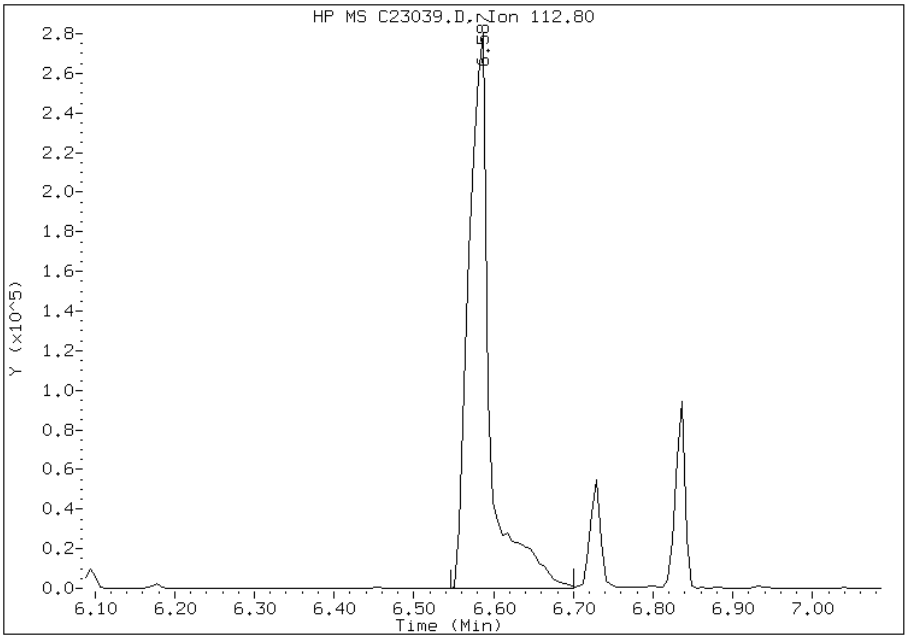
Manual Integration Results

RT: 6.59

Response: 518762

Amount: 45

Conc: 45



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\C23040.D
Lab Smp Id: IC-605839 Client Smp ID: IC-605839
Inj Date : 03-MAY-2011 08:33
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605839
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\MSC-8270C.m
Meth Date : 04-May-2011 06:50 stephan Quant Type: ISTD
Cal Date : 03-MAY-2011 08:33 Cal File: C23040.D
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.711	4.711	(1.000)	691338	20.0000	
$ 2	2-Fluorophenol	112	3.263	3.263	(0.693)	96575	2.00000	2
$ 3	Phenol-d5	99	4.385	4.385	(0.931)	113512	2.00000	2
5	N-Nitrosodimethylamine	42	1.506	1.506	(0.320)	19270	2.00000	2
6	Cyclohexanone	42	3.483	3.483	(0.739)	51950	2.00000	2
128	Benzaldehyde	77	4.230	4.230	(0.898)	8369	2.00000	1
7	Phenol	94	4.397	4.397	(0.933)	126218	2.00000	2
8	Aniline	93	4.361	4.361	(0.926)	124331	2.00000	2
9	bis(2-Chloroethyl)ether	63	4.456	4.456	(0.946)	70064	2.00000	2(H)
10	2-Chlorophenol	128	4.486	4.486	(0.952)	103384	2.00000	2
11	1,3-Dichlorobenzene	146	4.646	4.646	(0.986)	108410	2.00000	2
12	1,4-Dichlorobenzene	146	4.729	4.729	(1.004)	107579	2.00000	2
13	Benzyl alcohol	108	4.889	4.889	(1.038)	59868	2.00000	2
14	1,2-Dichlorobenzene	146	4.889	4.889	(1.038)	105938	2.00000	2
15	2,2'-oxybis(1-Chloropropane)	45	5.049	5.049	(1.072)	125725	2.00000	2
16	2-Methylphenol	108	5.038	5.038	(1.069)	94150	2.00000	2
92	Acetophenone	105	5.156	5.156	(1.094)	129363	2.00000	2
17	Hexachloroethane	117	5.245	5.245	(1.113)	47137	2.00000	2
18	N-Nitroso-di-n-propylamine	70	5.180	5.180	(1.100)	63210	2.00000	2
19	4-Methylphenol	108	5.210	5.210	(1.106)	95167	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
*	20 Naphthalene-d8	136	6.064	6.064	(1.000)	2756974	20.0000	
$	21 Nitrobenzene-d5	82	5.311	5.311	(0.876)	96446	2.00000	2
	22 Nitrobenzene	77	5.328	5.328	(0.879)	96328	2.00000	2
	23 Isophorone	82	5.596	5.596	(0.923)	176248	2.00000	2
	24 2-Nitrophenol	139	5.673	5.673	(0.935)	53849	2.00000	2
	25 2,4-Dimethylphenol	122	5.762	5.762	(0.950)	85021	2.00000	2
	26 Benzoic Acid	122	5.863	5.863	(0.967)	69126	2.00000	5(M)
	27 Bis(2-Chloroethoxy)methane	93	5.857	5.857	(0.966)	112498	2.00000	2
	28 2,4-Dichlorophenol	162	5.940	5.940	(0.979)	78126	2.00000	2
	29 1,2,4-Trichlorobenzene	180	6.017	6.017	(0.992)	79085	2.00000	2
	30 Naphthalene	128	6.088	6.088	(1.004)	277598	2.00000	2
	31 4-Chloroaniline	127	6.171	6.171	(1.018)	101918	2.00000	2
	32 Hexachlorobutadiene	225	6.248	6.248	(1.030)	47081	2.00000	2
	129 Caprolactam	113	6.504	6.504	(1.072)	22431	2.00000	2
	33 4-Chloro-3-methylphenol	107	6.711	6.711	(1.107)	75993	2.00000	2
	34 2-Methylnaphthalene	142	6.830	6.830	(1.126)	185823	2.00000	2
*	35 Acenaphthene-d10	164	7.922	7.922	(1.000)	1557216	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.794	6.794	(1.442)	75017	2.00000	2
	37 Hexachlorocyclopentadiene	237	7.014	7.014	(0.885)	10946	2.00000	4
	38 2,4,6-Trichlorophenol	196	7.145	7.145	(0.902)	50889	2.00000	2
	39 2,4,5-Trichlorophenol	196	7.180	7.180	(0.906)	128181	5.00000	5
$	40 2-Fluorobiphenyl	172	7.228	7.228	(0.912)	184170	2.00000	2
	130 1,1'-Biphenyl	154	7.329	7.329	(0.925)	213819	2.00000	2
	41 2-Chloronaphthalene	162	7.335	7.335	(0.926)	171779	2.00000	2
	42 2-Nitroaniline	65	7.453	7.453	(0.941)	43407	2.00000	2
	43 Acenaphthylene	152	7.768	7.768	(0.981)	284333	2.00000	2
	44 Dimethylphthalate	163	7.667	7.667	(0.968)	177280	2.00000	2
	45 2,6-Dinitrotoluene	165	7.720	7.720	(0.975)	39937	2.00000	2
	46 Acenaphthene	153	7.958	7.958	(1.004)	172825	2.00000	2
	47 3-Nitroaniline	138	7.892	7.892	(0.996)	49274	2.00000	2
	48 2,4-Dinitrophenol	184	8.005	8.005	(1.010)	21752	5.00000	9
	49 Dibenzofuran	168	8.136	8.136	(1.027)	237485	2.00000	2
	50 2,4-Dinitrotoluene	165	8.142	8.142	(1.028)	56629	2.00000	2
	51 4-Nitrophenol	109	8.100	8.100	(1.022)	49084	5.00000	4(H)
	52 Fluorene	166	8.498	8.498	(1.073)	197851	2.00000	2
	53 4-Chlorophenyl-phenylether	204	8.516	8.516	(1.075)	86280	2.00000	2
	54 Diethylphthalate	149	8.415	8.415	(1.062)	185734	2.00000	2
	55 4-Nitroaniline	138	8.528	8.528	(1.076)	48165	2.00000	2
$	56 2,4,6-Tribromophenol	330	8.753	8.753	(1.105)	56899	5.00000	5
*	57 Phenanthrene-d10	188	9.483	9.483	(1.000)	2328092	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.569	8.569	(0.904)	51973	5.00000	4
	59 N-Nitrosodiphenylamine (1)	169	8.640	8.640	(0.911)	136288	2.00000	2
	60 1,2-Diphenylhydrazine	77	8.676	8.676	(0.915)	173719	2.00000	2
	61 4-Bromophenyl-phenylether	248	9.026	9.026	(0.952)	47920	2.00000	2
	131 Atrazine	200	9.216	9.216	(0.972)	44929	2.00000	2
	62 Hexachlorobenzene	284	9.085	9.085	(0.958)	51703	2.00000	2
	63 Pentachlorophenol	266	9.299	9.299	(0.981)	50774	5.00000	4
	64 Phenanthrene	178	9.507	9.507	(1.002)	273193	2.00000	2
	65 Carbazole	167	9.738	9.738	(1.027)	256219	2.00000	2
	66 Anthracene	178	9.560	9.560	(1.008)	271563	2.00000	2
	67 Di-n-butylphthalate	149	10.136	10.136	(1.069)	302867	2.00000	2
	68 Fluoranthene	202	10.759	10.759	(1.135)	275293	2.00000	2
*	70 Chrysene-d12	240	12.326	12.326	(1.000)	2137731	20.0000	
	72 Pyrene	202	10.991	10.991	(0.892)	283177	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
$	73 Terphenyl-d14	244	11.175	11.175	(0.907)	170334	2.00000	2
	74 Butylbenzylphthalate	149	11.703	11.703	(0.949)	105266	2.00000	2
	75 3,3'-Dichlorobenzidine	252	12.291	12.291	(0.997)	60455	2.00000	2
	76 Benzo(a)anthracene	228	12.308	12.308	(0.999)	215461	2.00000	2
	77 Chrysene	228	12.350	12.350	(1.002)	213354	2.00000	2
	78 Bis(2-Ethylhexyl)phthalate	149	12.385	12.385	(1.005)	117223	2.00000	2
*	79 Perylene-d12	264	14.427	14.427	(1.000)	1556590	20.0000	
	80 Di-n-octylphthalate	149	13.270	13.270	(0.920)	130587	2.00000	6
	81 Benzo(b)fluoranthene	252	13.798	13.798	(0.956)	164307	2.00000	2
	82 Benzo(k)fluoranthene	252	13.840	13.840	(0.959)	162699	2.00000	2
	83 Benzo(a)pyrene	252	14.326	14.326	(0.993)	128625	2.00000	2
	84 Indeno(1,2,3-cd)pyrene	276	16.362	16.362	(1.134)	74228	2.00000	2
	85 Dibenzo(a,h)anthracene	278	16.416	16.416	(1.138)	64796	2.00000	3
	86 Benzo(g,h,i)perylene	276	16.873	16.873	(1.169)	70555	2.00000	3
	167 Simazine	201	9.180	9.180	(0.968)	27728	2.00000	3(H)
	103 1,2,4,5-Tetrachlorobenzene	216	7.008	7.008	(0.885)	35815	2.00000	2
	109 2,3,4,6-Tetrachlorophenol	232	8.284	8.284	(1.046)	37895	2.00000	2
	119 Pentachloronitrobenzene	237	9.311	9.311	(0.982)	22907	2.00000	2

QC Flag Legend

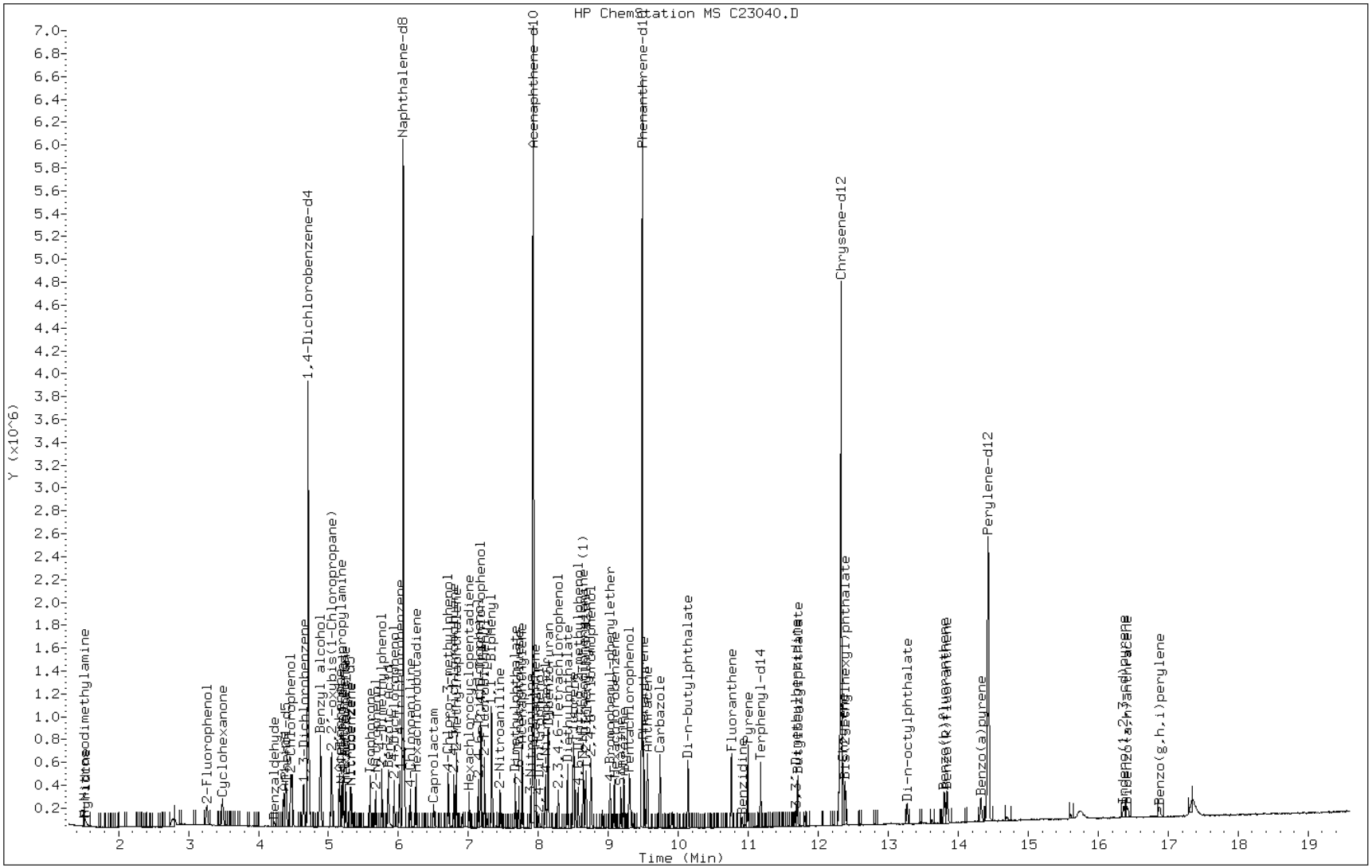
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C23040.D

Date: 03-MAY-2011 08:33

Client ID: IC-605839 Instrument: msc.i

Sample Info: IC-605839 Operator: S.Jonas



Manual Integration Report

Data File: C23040.D
Inj. Date and Time: 03-MAY-2011 08:33
Instrument ID: msc.i
Client ID: IC-605839
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/04/2011

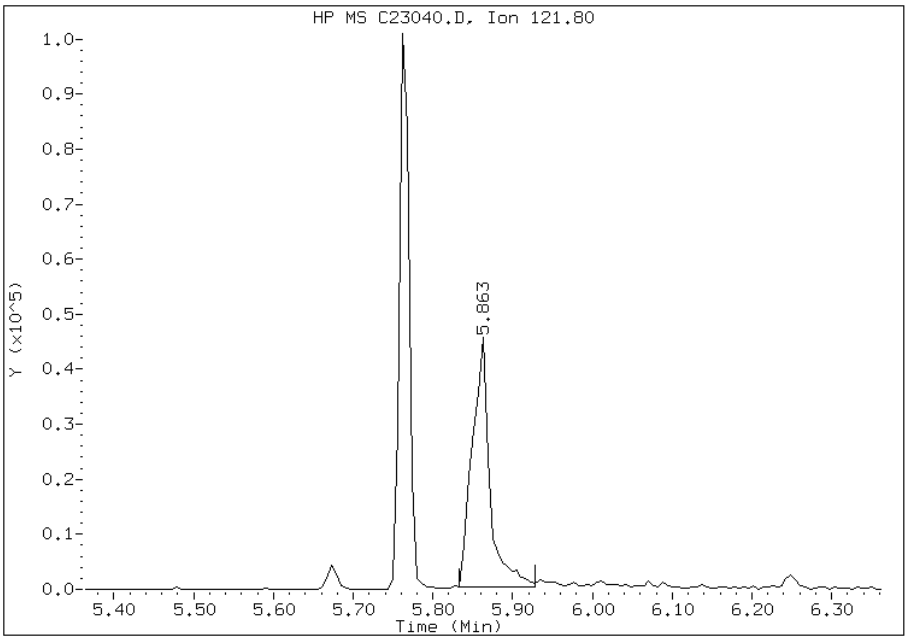
Processing Integration Results

RT: 5.86

Response: 69126

Amount: 10

Conc: 10



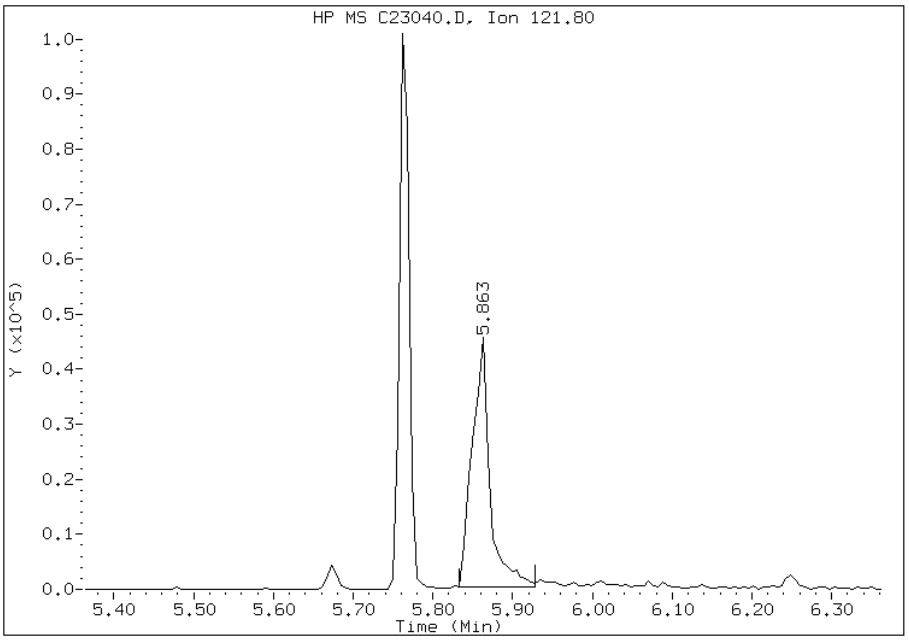
Manual Integration Results

RT: 5.86

Response: 69126

Amount: 5

Conc: 5



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\C23041.D
Lab Smp Id: IC-605840 Client Smp ID: IC-605840
Inj Date : 03-MAY-2011 09:02
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605840
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\MSC-8270C.m
Meth Date : 04-May-2011 06:50 stephan Quant Type: ISTD
Cal Date : 03-MAY-2011 09:02 Cal File: C23041.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.705	4.705	(1.000)	724803	20.0000	
$ 2	2-Fluorophenol	112	3.263	3.263	(0.693)	186981	4.00000	4
$ 3	Phenol-d5	99	4.385	4.385	(0.932)	221241	4.00000	4
4	Pyridine	52	1.512	1.512	(0.321)	44997	4.00000	3
5	N-Nitrosodimethylamine	42	1.500	1.500	(0.319)	36249	4.00000	4
6	Cyclohexanone	42	3.482	3.482	(0.740)	99883	4.00000	4
128	Benzaldehyde	77	4.230	4.230	(0.899)	15983	4.00000	3
7	Phenol	94	4.396	4.396	(0.934)	241655	4.00000	4
8	Aniline	93	4.361	4.361	(0.927)	278272	4.00000	4
9	bis(2-Chloroethyl)ether	63	4.456	4.456	(0.947)	136380	4.00000	4(H)
10	2-Chlorophenol	128	4.485	4.485	(0.953)	195476	4.00000	4
11	1,3-Dichlorobenzene	146	4.640	4.640	(0.986)	208263	4.00000	4
12	1,4-Dichlorobenzene	146	4.723	4.723	(1.004)	213305	4.00000	4
13	Benzyl alcohol	108	4.889	4.889	(1.039)	114792	4.00000	4
14	1,2-Dichlorobenzene	146	4.889	4.889	(1.039)	199941	4.00000	4
15	2,2'-oxybis(1-Chloropropane)	45	5.043	5.043	(1.072)	239591	4.00000	4
16	2-Methylphenol	108	5.037	5.037	(1.071)	173698	4.00000	4
92	Acetophenone	105	5.156	5.156	(1.096)	247778	4.00000	4
17	Hexachloroethane	117	5.245	5.245	(1.115)	91052	4.00000	4
18	N-Nitroso-di-n-propylamine	70	5.180	5.180	(1.101)	125892	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.210	5.210	(1.107)	179715	4.00000	4
*	20 Naphthalene-d8	136	6.064	6.064	(1.000)	2829840	20.0000	
$	21 Nitrobenzene-d5	82	5.310	5.310	(0.876)	181679	4.00000	4
	22 Nitrobenzene	77	5.328	5.328	(0.879)	189634	4.00000	4
	23 Isophorone	82	5.595	5.595	(0.923)	336636	4.00000	4
	24 2-Nitrophenol	139	5.672	5.672	(0.935)	104062	4.00000	4
	25 2,4-Dimethylphenol	122	5.762	5.762	(0.950)	168511	4.00000	4
	26 Benzoic Acid	122	5.880	5.880	(0.970)	174198	10.0000	9
	27 Bis(2-Chloroethoxy)methane	93	5.851	5.851	(0.965)	214546	4.00000	4
	28 2,4-Dichlorophenol	162	5.940	5.940	(0.979)	147607	4.00000	4
	29 1,2,4-Trichlorobenzene	180	6.017	6.017	(0.992)	153378	4.00000	4
	30 Naphthalene	128	6.088	6.088	(1.004)	527925	4.00000	4
	31 4-Chloroaniline	127	6.165	6.165	(1.017)	229621	4.00000	4
	32 Hexachlorobutadiene	225	6.248	6.248	(1.030)	89678	4.00000	4
	129 Caprolactam	113	6.509	6.509	(1.073)	45146	4.00000	4
	33 4-Chloro-3-methylphenol	107	6.711	6.711	(1.107)	146534	4.00000	4
	34 2-Methylnaphthalene	142	6.824	6.824	(1.125)	358973	4.00000	4
*	35 Acenaphthene-d10	164	7.922	7.922	(1.000)	1599013	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.788	6.788	(1.443)	141916	4.00000	4
	37 Hexachlorocyclopentadiene	237	7.008	7.008	(0.885)	32622	4.00000	5
	38 2,4,6-Trichlorophenol	196	7.139	7.139	(0.901)	101237	4.00000	4
	39 2,4,5-Trichlorophenol	196	7.174	7.174	(0.906)	246711	10.0000	10
$	40 2-Fluorobiphenyl	172	7.228	7.228	(0.912)	347872	4.00000	4
	130 1,1'-Biphenyl	154	7.328	7.328	(0.925)	409941	4.00000	4
	41 2-Chloronaphthalene	162	7.334	7.334	(0.926)	327611	4.00000	4
	42 2-Nitroaniline	65	7.453	7.453	(0.941)	86305	4.00000	4
	43 Acenaphthylene	152	7.768	7.768	(0.981)	535052	4.00000	4
	44 Dimethylphthalate	163	7.667	7.667	(0.968)	338880	4.00000	4
	45 2,6-Dinitrotoluene	165	7.720	7.720	(0.975)	81442	4.00000	4
	46 Acenaphthene	153	7.952	7.952	(1.004)	325132	4.00000	4
	47 3-Nitroaniline	138	7.886	7.886	(0.996)	97028	4.00000	4
	48 2,4-Dinitrophenol	184	7.999	7.999	(1.010)	58778	10.0000	12
	49 Dibenzofuran	168	8.136	8.136	(1.027)	454332	4.00000	4
	50 2,4-Dinitrotoluene	165	8.142	8.142	(1.028)	108903	4.00000	4
	51 4-Nitrophenol	109	8.100	8.100	(1.022)	105605	10.0000	8(H)
	52 Fluorene	166	8.498	8.498	(1.073)	374311	4.00000	4
	53 4-Chlorophenyl-phenylether	204	8.515	8.515	(1.075)	157921	4.00000	4
	54 Diethylphthalate	149	8.415	8.415	(1.062)	350511	4.00000	4
	55 4-Nitroaniline	138	8.527	8.527	(1.076)	89143	4.00000	4
$	56 2,4,6-Tribromophenol	330	8.753	8.753	(1.105)	109624	10.0000	10
*	57 Phenanthrene-d10	188	9.483	9.483	(1.000)	2408428	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.569	8.569	(0.904)	116780	10.0000	8
	59 N-Nitrosodiphenylamine (1)	169	8.640	8.640	(0.911)	250281	4.00000	4
	60 1,2-Diphenylhydrazine	77	8.676	8.676	(0.915)	337803	4.00000	4
	61 4-Bromophenyl-phenylether	248	9.026	9.026	(0.952)	90104	4.00000	4
	131 Atrazine	200	9.222	9.222	(0.972)	84789	4.00000	4
	62 Hexachlorobenzene	284	9.085	9.085	(0.958)	94693	4.00000	4
	63 Pentachlorophenol	266	9.299	9.299	(0.981)	113472	10.0000	9
	64 Phenanthrene	178	9.507	9.507	(1.002)	519059	4.00000	4
	65 Carbazole	167	9.738	9.738	(1.027)	491320	4.00000	4
	66 Anthracene	178	9.554	9.554	(1.008)	530075	4.00000	4
	67 Di-n-butylphthalate	149	10.136	10.136	(1.069)	578016	4.00000	4
	68 Fluoranthene	202	10.753	10.753	(1.134)	517486	4.00000	4
*	70 Chrysene-d12	240	12.326	12.326	(1.000)	2157373	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	72 Pyrene	202	10.991	10.991	(0.892)	536599	4.00000	4
$	73 Terphenyl-d14	244	11.175	11.175	(0.907)	324143	4.00000	4
	74 Butylbenzylphthalate	149	11.703	11.703	(0.949)	204676	4.00000	4
	75 3,3'-Dichlorobenzidine	252	12.290	12.290	(0.997)	110953	4.00000	4
	76 Benzo(a)anthracene	228	12.308	12.308	(0.999)	409379	4.00000	4
	77 Chrysene	228	12.350	12.350	(1.002)	407748	4.00000	4
	78 Bis(2-Ethylhexyl)phthalate	149	12.385	12.385	(1.005)	229415	4.00000	4
*	79 Perylene-d12	264	14.427	14.427	(1.000)	1567160	20.0000	
	80 Di-n-octylphthalate	149	13.264	13.264	(0.919)	257324	4.00000	7
	81 Benzo(b)fluoranthene	252	13.798	13.798	(0.956)	319348	4.00000	4
	82 Benzo(k)fluoranthene	252	13.839	13.839	(0.959)	312922	4.00000	4
	83 Benzo(a)pyrene	252	14.320	14.320	(0.993)	249202	4.00000	4
	84 Indeno(1,2,3-cd)pyrene	276	16.362	16.362	(1.134)	142452	4.00000	4
	85 Dibenzo(a,h)anthracene	278	16.415	16.415	(1.138)	123239	4.00000	4
	86 Benzo(g,h,i)perylene	276	16.866	16.866	(1.169)	131988	4.00000	4
	167 Simazine	201	9.180	9.180	(0.968)	54858	4.00000	5(H)
	103 1,2,4,5-Tetrachlorobenzene	216	7.008	7.008	(0.885)	66984	5.00000	4
	109 2,3,4,6-Tetrachlorophenol	232	8.284	8.284	(1.046)	75186	5.00000	4
	119 Pentachloronitrobenzene	237	9.311	9.311	(0.982)	44424	5.00000	4

QC Flag Legend

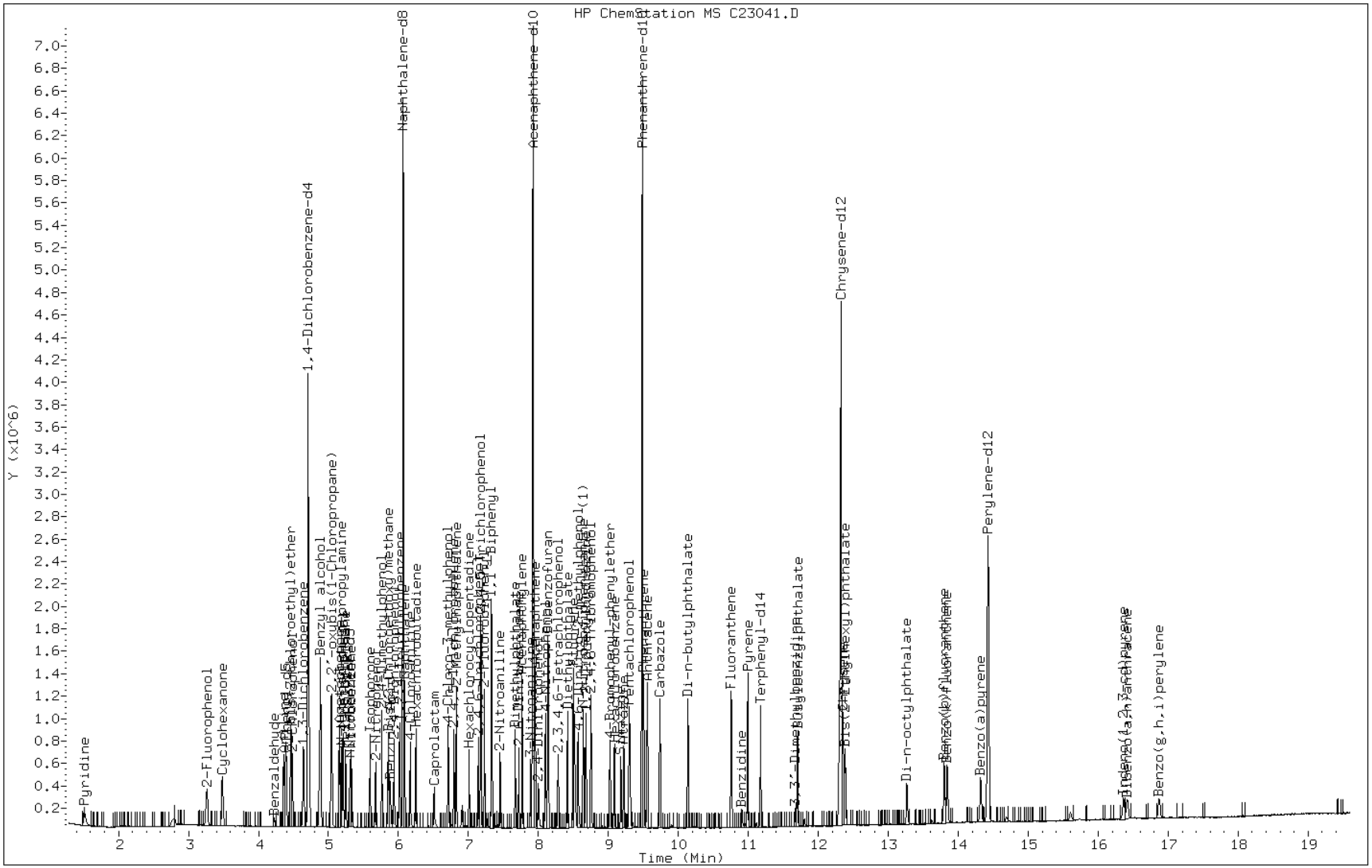
H - Operator selected an alternate compound hit.

Data File: C23041.D

Date: 03-MAY-2011 09:02

Client ID: IC-605840 Instrument: msc.i

Sample Info: IC-605840 Operator: S.Jonas



TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\C23042.D
Lab Smp Id: IC-605841 Client Smp ID: IC-605841
Inj Date : 03-MAY-2011 09:31
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605841
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\MSC-8270C.m
Meth Date : 04-May-2011 06:50 stephan Quant Type: ISTD
Cal Date : 03-MAY-2011 09:31 Cal File: C23042.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.705	4.705	(1.000)	727775	20.0000	
$ 2	2-Fluorophenol	112	3.263	3.263	(0.694)	482371	10.0000	10
$ 3	Phenol-d5	99	4.385	4.385	(0.932)	580344	10.0000	10
4	Pyridine	52	1.506	1.506	(0.320)	137948	10.0000	10
5	N-Nitrosodimethylamine	42	1.494	1.494	(0.318)	101040	10.0000	10
6	Cyclohexanone	42	3.477	3.477	(0.739)	264302	10.0000	10
128	Benzaldehyde	77	4.224	4.224	(0.898)	67960	10.0000	11
7	Phenol	94	4.397	4.397	(0.934)	622992	10.0000	10
8	Aniline	93	4.361	4.361	(0.927)	745970	10.0000	10
9	bis(2-Chloroethyl)ether	63	4.456	4.456	(0.947)	348815	10.0000	10(H)
10	2-Chlorophenol	128	4.486	4.486	(0.953)	515081	10.0000	10
11	1,3-Dichlorobenzene	146	4.640	4.640	(0.986)	542683	10.0000	10
12	1,4-Dichlorobenzene	146	4.729	4.729	(1.005)	544222	10.0000	10
13	Benzyl alcohol	108	4.889	4.889	(1.039)	315102	10.0000	10
14	1,2-Dichlorobenzene	146	4.889	4.889	(1.039)	521239	10.0000	10
15	2,2'-oxybis(1-Chloropropane)	45	5.043	5.043	(1.072)	627555	10.0000	10
16	2-Methylphenol	108	5.043	5.043	(1.072)	445824	10.0000	10
92	Acetophenone	105	5.156	5.156	(1.096)	647759	10.0000	10
17	Hexachloroethane	117	5.245	5.245	(1.115)	242598	10.0000	10
18	N-Nitroso-di-n-propylamine	70	5.180	5.180	(1.101)	323144	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.210	5.210	(1.107)	480552	10.0000	10
*	20 Naphthalene-d8	136	6.064	6.064	(1.000)	2921572	20.0000	
$	21 Nitrobenzene-d5	82	5.311	5.311	(0.876)	479432	10.0000	10
	22 Nitrobenzene	77	5.328	5.328	(0.879)	493035	10.0000	10
	23 Isophorone	82	5.595	5.595	(0.923)	864450	10.0000	10
	24 2-Nitrophenol	139	5.673	5.673	(0.935)	266018	10.0000	10
	25 2,4-Dimethylphenol	122	5.762	5.762	(0.950)	440096	10.0000	10
	26 Benzoic Acid	122	5.928	5.928	(0.977)	622293	25.0000	22
	27 Bis(2-Chloroethoxy)methane	93	5.851	5.851	(0.965)	563493	10.0000	10
	28 2,4-Dichlorophenol	162	5.940	5.940	(0.979)	387879	10.0000	10
	29 1,2,4-Trichlorobenzene	180	6.017	6.017	(0.992)	396140	10.0000	10
	30 Naphthalene	128	6.088	6.088	(1.004)	1335451	10.0000	10
	31 4-Chloroaniline	127	6.165	6.165	(1.017)	596025	10.0000	10
	32 Hexachlorobutadiene	225	6.248	6.248	(1.030)	227247	10.0000	10
	129 Caprolactam	113	6.533	6.533	(1.077)	126043	10.0000	10
	33 4-Chloro-3-methylphenol	107	6.711	6.711	(1.107)	385168	10.0000	10
	34 2-Methylnaphthalene	142	6.830	6.830	(1.126)	911358	10.0000	10
*	35 Acenaphthene-d10	164	7.922	7.922	(1.000)	1636832	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.794	6.794	(1.444)	368359	10.0000	10
	37 Hexachlorocyclopentadiene	237	7.008	7.008	(0.885)	131524	10.0000	10
	38 2,4,6-Trichlorophenol	196	7.139	7.139	(0.901)	256244	10.0000	10
	39 2,4,5-Trichlorophenol	196	7.180	7.180	(0.906)	641409	25.0000	24
$	40 2-Fluorobiphenyl	172	7.228	7.228	(0.912)	880569	10.0000	10
	130 1,1'-Biphenyl	154	7.329	7.329	(0.925)	1005804	10.0000	10
	41 2-Chloronaphthalene	162	7.335	7.335	(0.926)	825513	10.0000	10
	42 2-Nitroaniline	65	7.459	7.459	(0.942)	224601	10.0000	10
	43 Acenaphthylene	152	7.768	7.768	(0.981)	1378264	10.0000	10
	44 Dimethylphthalate	163	7.673	7.673	(0.969)	892980	10.0000	10
	45 2,6-Dinitrotoluene	165	7.720	7.720	(0.975)	211937	10.0000	10
	46 Acenaphthene	153	7.958	7.958	(1.004)	814993	10.0000	10
	47 3-Nitroaniline	138	7.892	7.892	(0.996)	254995	10.0000	10
	48 2,4-Dinitrophenol	184	8.005	8.005	(1.010)	235974	25.0000	24
	49 Dibenzofuran	168	8.142	8.142	(1.028)	1097078	10.0000	10
	50 2,4-Dinitrotoluene	165	8.142	8.142	(1.028)	272775	10.0000	10
	51 4-Nitrophenol	109	8.106	8.106	(1.023)	304352	25.0000	24(H)
	52 Fluorene	166	8.498	8.498	(1.073)	944600	10.0000	10
	53 4-Chlorophenyl-phenylether	204	8.516	8.516	(1.075)	400893	10.0000	10
	54 Diethylphthalate	149	8.421	8.421	(1.063)	890631	10.0000	10
	55 4-Nitroaniline	138	8.533	8.533	(1.077)	251426	10.0000	10
$	56 2,4,6-Tribromophenol	330	8.753	8.753	(1.105)	265910	25.0000	24
*	57 Phenanthrene-d10	188	9.483	9.483	(1.000)	2444170	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.575	8.575	(0.904)	361729	25.0000	26
	59 N-Nitrosodiphenylamine (1)	169	8.640	8.640	(0.911)	649216	10.0000	10
	60 1,2-Diphenylhydrazine	77	8.682	8.682	(0.916)	849572	10.0000	10
	61 4-Bromophenyl-phenylether	248	9.026	9.026	(0.952)	222618	10.0000	10
	131 Atrazine	200	9.222	9.222	(0.972)	217520	10.0000	10
	62 Hexachlorobenzene	284	9.085	9.085	(0.958)	236489	10.0000	10
	63 Pentachlorophenol	266	9.299	9.299	(0.981)	325151	25.0000	25
	64 Phenanthrene	178	9.507	9.507	(1.002)	1279683	10.0000	10
	65 Carbazole	167	9.738	9.738	(1.027)	1243947	10.0000	10
	66 Anthracene	178	9.560	9.560	(1.008)	1330985	10.0000	10
	67 Di-n-butylphthalate	149	10.136	10.136	(1.069)	1467972	10.0000	10
	68 Fluoranthene	202	10.759	10.759	(1.135)	1310760	10.0000	10
*	70 Chrysene-d12	240	12.326	12.326	(1.000)	2217153	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.908	10.908	(0.885)	261673	10.0000	9
72	Pyrene	202	10.991	10.991	(0.892)	1344388	10.0000	10
$ 73	Terphenyl-d14	244	11.175	11.175	(0.907)	836568	10.0000	10
74	Butylbenzylphthalate	149	11.703	11.703	(0.949)	545408	10.0000	10
124	3,3'-Dimethylbenzidine	212	11.673	11.673	(0.947)	183539	10.0000	8
75	3,3'-Dichlorobenzidine	252	12.290	12.290	(0.997)	296906	10.0000	10
76	Benzo(a)anthracene	228	12.308	12.308	(0.999)	1052468	10.0000	10
77	Chrysene	228	12.356	12.356	(1.002)	1016925	10.0000	10
78	Bis(2-Ethylhexyl)phthalate	149	12.385	12.385	(1.005)	615837	10.0000	9
* 79	Perylene-d12	264	14.427	14.427	(1.000)	1534086	20.0000	
80	Di-n-octylphthalate	149	13.264	13.264	(0.919)	713761	10.0000	10
81	Benzo(b)fluoranthene	252	13.798	13.798	(0.956)	823182	10.0000	9
82	Benzo(k)fluoranthene	252	13.846	13.846	(0.960)	805495	10.0000	9
83	Benzo(a)pyrene	252	14.320	14.320	(0.993)	640490	10.0000	10
84	Indeno(1,2,3-cd)pyrene	276	16.362	16.362	(1.134)	358337	10.0000	11
85	Dibenzo(a,h)anthracene	278	16.416	16.416	(1.138)	324637	10.0000	10
86	Benzo(g,h,i)perylene	276	16.873	16.873	(1.169)	339235	10.0000	11
167	Simazine	201	9.192	9.192	(0.969)	143164	10.0000	11(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.008	7.008	(0.885)	172543	10.0000	10
109	2,3,4,6-Tetrachlorophenol	232	8.284	8.284	(1.046)	195206	10.0000	11
119	Pentachloronitrobenzene	237	9.311	9.311	(0.982)	117127	10.0000	11

QC Flag Legend

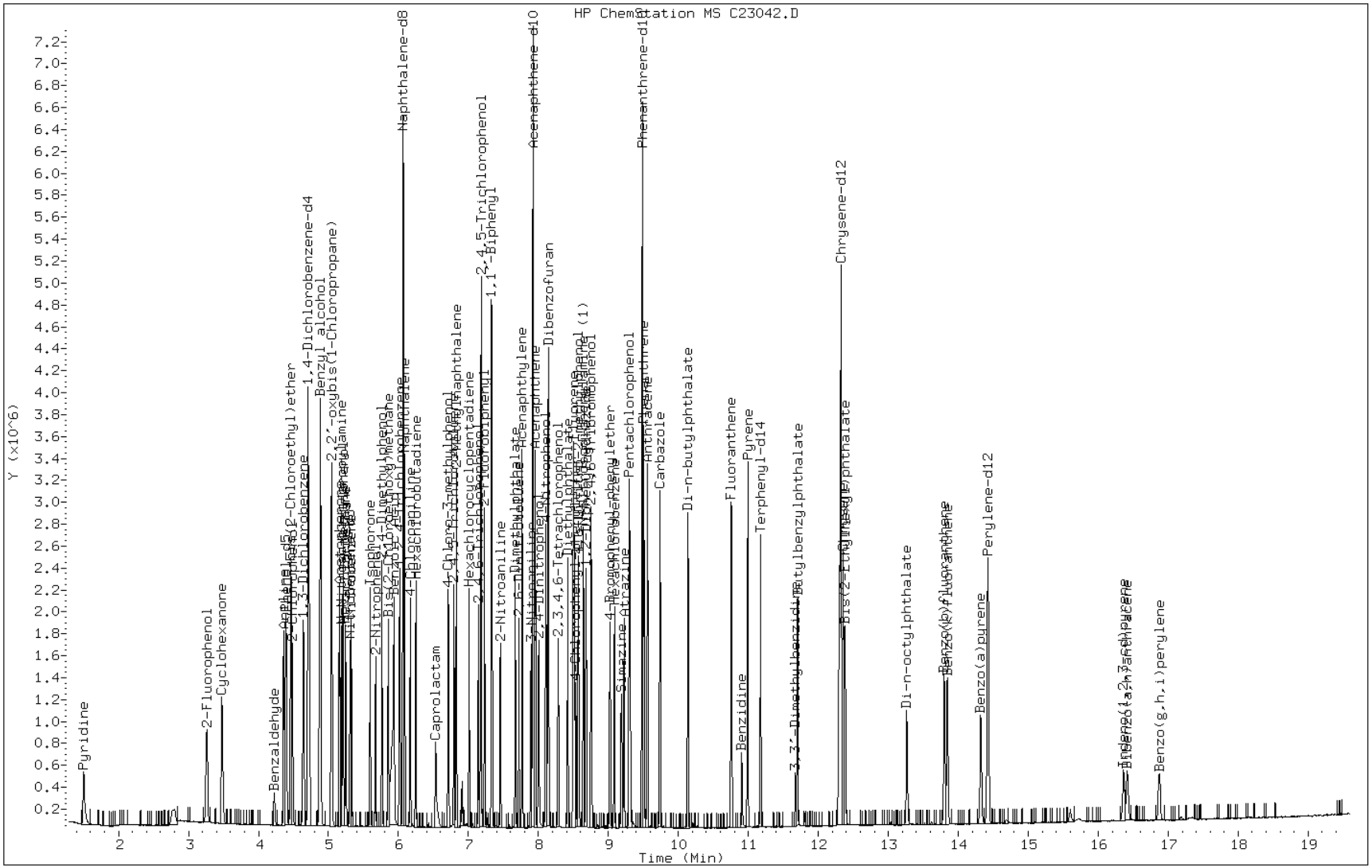
H - Operator selected an alternate compound hit.

Data File: C23042.D

Date: 03-MAY-2011 09:31

Client ID: IC-605841 Instrument: msc.i

Sample Info: IC-605841 Operator: S.Jonas



TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\C23043.D
Lab Smp Id: IC-605842 Client Smp ID: IC-605842
Inj Date : 03-MAY-2011 10:03
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605842
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\MSC-8270C.m
Meth Date : 04-May-2011 06:50 stephan Quant Type: ISTD
Cal Date : 03-MAY-2011 10:03 Cal File: C23043.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.711	4.711	(1.000)	682614	20.0000	
$ 2	2-Fluorophenol	112	3.257	3.257	(0.691)	936198	20.0000	20
$ 3	Phenol-d5	99	4.391	4.391	(0.932)	1103429	20.0000	20
4	Pyridine	52	1.500	1.500	(0.318)	268651	20.0000	21
5	N-Nitrosodimethylamine	42	1.488	1.488	(0.316)	192628	20.0000	20
6	Cyclohexanone	42	3.477	3.477	(0.738)	493766	20.0000	21
128	Benzaldehyde	77	4.224	4.224	(0.897)	211521	20.0000	36
7	Phenol	94	4.402	4.402	(0.934)	1177945	20.0000	20
8	Aniline	93	4.361	4.361	(0.926)	1402646	20.0000	21
9	bis(2-Chloroethyl)ether	63	4.462	4.462	(0.947)	672658	20.0000	20(H)
10	2-Chlorophenol	128	4.486	4.486	(0.952)	968530	20.0000	20
11	1,3-Dichlorobenzene	146	4.646	4.646	(0.986)	1041571	20.0000	20
12	1,4-Dichlorobenzene	146	4.729	4.729	(1.004)	1058823	20.0000	20
13	Benzyl alcohol	108	4.889	4.889	(1.038)	590603	20.0000	20
14	1,2-Dichlorobenzene	146	4.889	4.889	(1.038)	990895	20.0000	20
15	2,2'-oxybis(1-Chloropropane)	45	5.049	5.049	(1.072)	1171344	20.0000	20
16	2-Methylphenol	108	5.043	5.043	(1.071)	857141	20.0000	20
92	Acetophenone	105	5.162	5.162	(1.096)	1240863	20.0000	20
17	Hexachloroethane	117	5.245	5.245	(1.113)	460531	20.0000	20
18	N-Nitroso-di-n-propylamine	70	5.186	5.186	(1.101)	620868	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.210	5.210	(1.106)	886609	20.0000	20
*	20 Naphthalene-d8	136	6.070	6.070	(1.000)	2719948	20.0000	
$	21 Nitrobenzene-d5	82	5.311	5.311	(0.875)	920419	20.0000	20
	22 Nitrobenzene	77	5.328	5.328	(0.878)	930319	20.0000	20
	23 Isophorone	82	5.595	5.595	(0.922)	1660771	20.0000	20
	24 2-Nitrophenol	139	5.673	5.673	(0.934)	523250	20.0000	20
	25 2,4-Dimethylphenol	122	5.768	5.768	(0.950)	819054	20.0000	20
	26 Benzoic Acid	122	5.940	5.940	(0.978)	794042	30.0000	29(M)
	27 Bis(2-Chloroethoxy)methane	93	5.857	5.857	(0.965)	1067188	20.0000	20
	28 2,4-Dichlorophenol	162	5.940	5.940	(0.978)	737245	20.0000	20
	29 1,2,4-Trichlorobenzene	180	6.017	6.017	(0.991)	761975	20.0000	20
	30 Naphthalene	128	6.088	6.088	(1.003)	2529588	20.0000	20
	31 4-Chloroaniline	127	6.171	6.171	(1.017)	1112717	20.0000	21
	32 Hexachlorobutadiene	225	6.248	6.248	(1.029)	434787	20.0000	20
	129 Caprolactam	113	6.551	6.551	(1.079)	241989	20.0000	21(M)
	33 4-Chloro-3-methylphenol	107	6.717	6.717	(1.107)	725576	20.0000	20
	34 2-Methylnaphthalene	142	6.830	6.830	(1.125)	1722289	20.0000	20
*	35 Acenaphthene-d10	164	7.922	7.922	(1.000)	1561249	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.794	6.794	(1.442)	687906	20.0000	20
	37 Hexachlorocyclopentadiene	237	7.008	7.008	(0.885)	294571	20.0000	18
	38 2,4,6-Trichlorophenol	196	7.145	7.145	(0.902)	494970	20.0000	20
	39 2,4,5-Trichlorophenol	196	7.180	7.180	(0.906)	734436	30.0000	29
$	40 2-Fluorobiphenyl	172	7.234	7.234	(0.913)	1629249	20.0000	19
	130 1,1'-Biphenyl	154	7.329	7.329	(0.925)	1884439	20.0000	19
	41 2-Chloronaphthalene	162	7.340	7.340	(0.927)	1527430	20.0000	19
	42 2-Nitroaniline	65	7.459	7.459	(0.942)	423409	20.0000	20
	43 Acenaphthylene	152	7.768	7.768	(0.981)	2495857	20.0000	20
	44 Dimethylphthalate	163	7.673	7.673	(0.969)	1651712	20.0000	20
	45 2,6-Dinitrotoluene	165	7.726	7.726	(0.975)	401915	20.0000	20
	46 Acenaphthene	153	7.958	7.958	(1.004)	1506559	20.0000	19
	47 3-Nitroaniline	138	7.898	7.898	(0.997)	493051	20.0000	20
	48 2,4-Dinitrophenol	184	8.005	8.005	(1.010)	281256	30.0000	28
	49 Dibenzofuran	168	8.142	8.142	(1.028)	2023654	20.0000	19
	50 2,4-Dinitrotoluene	165	8.148	8.148	(1.028)	502066	20.0000	19
	51 4-Nitrophenol	109	8.112	8.112	(1.024)	361026	30.0000	30(H)
	52 Fluorene	166	8.504	8.504	(1.073)	1675557	20.0000	19
	53 4-Chlorophenyl-phenylether	204	8.516	8.516	(1.075)	729626	20.0000	19
	54 Diethylphthalate	149	8.421	8.421	(1.063)	1679986	20.0000	20
	55 4-Nitroaniline	138	8.539	8.539	(1.078)	459619	20.0000	20
$	56 2,4,6-Tribromophenol	330	8.759	8.759	(1.106)	304976	30.0000	29
*	57 Phenanthrene-d10	188	9.483	9.483	(1.000)	2291569	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.575	8.575	(0.904)	409782	30.0000	31
	59 N-Nitrosodiphenylamine (1)	169	8.646	8.646	(0.912)	1200648	20.0000	20
	60 1,2-Diphenylhydrazine	77	8.682	8.682	(0.916)	1542121	20.0000	20
	61 4-Bromophenyl-phenylether	248	9.026	9.026	(0.952)	405441	20.0000	20
	131 Atrazine	200	9.228	9.228	(0.973)	402741	20.0000	20
	62 Hexachlorobenzene	284	9.085	9.085	(0.958)	435186	20.0000	20
	63 Pentachlorophenol	266	9.299	9.299	(0.981)	367290	30.0000	31
	64 Phenanthrene	178	9.507	9.507	(1.002)	2325899	20.0000	20
	65 Carbazole	167	9.744	9.744	(1.028)	2215347	20.0000	20
	66 Anthracene	178	9.560	9.560	(1.008)	2414479	20.0000	20
	67 Di-n-butylphthalate	149	10.142	10.142	(1.069)	2696344	20.0000	20
	68 Fluoranthene	202	10.759	10.759	(1.135)	2345832	20.0000	20
*	70 Chrysene-d12	240	12.326	12.326	(1.000)	1953710	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.913	10.913	(0.885)	574653	20.0000	23
72	Pyrene	202	10.997	10.997	(0.892)	2406818	20.0000	20
$ 73	Terphenyl-d14	244	11.175	11.175	(0.907)	1483847	20.0000	21
74	Butylbenzylphthalate	149	11.703	11.703	(0.949)	1021817	20.0000	21
124	3,3'-Dimethylbenzidine	212	11.679	11.679	(0.948)	418707	20.0000	22
75	3,3'-Dichlorobenzidine	252	12.290	12.290	(0.997)	532719	20.0000	21
76	Benzo(a)anthracene	228	12.308	12.308	(0.999)	1905108	20.0000	21
77	Chrysene	228	12.356	12.356	(1.002)	1880031	20.0000	21
78	Bis(2-Ethylhexyl)phthalate	149	12.385	12.385	(1.005)	1221463	20.0000	21
* 79	Perylene-d12	264	14.427	14.427	(1.000)	1311909	20.0000	
80	Di-n-octylphthalate	149	13.270	13.270	(0.920)	1425072	20.0000	17
81	Benzo(b)fluoranthene	252	13.804	13.804	(0.957)	1475662	20.0000	20
82	Benzo(k)fluoranthene	252	13.851	13.851	(0.960)	1432287	20.0000	20
83	Benzo(a)pyrene	252	14.326	14.326	(0.993)	1120058	20.0000	20
84	Indeno(1,2,3-cd)pyrene	276	16.368	16.368	(1.135)	609116	20.0000	20
85	Dibenzo(a,h)anthracene	278	16.415	16.415	(1.138)	585867	20.0000	20
86	Benzo(g,h,i)perylene	276	16.878	16.878	(1.170)	593505	20.0000	20
167	Simazine	201	9.198	9.198	(0.970)	271937	20.0000	20(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.014	7.014	(0.885)	323466	25.0000	20
109	2,3,4,6-Tetrachlorophenol	232	8.284	8.284	(1.046)	361344	25.0000	21
119	Pentachloronitrobenzene	237	9.317	9.317	(0.982)	209589	25.0000	21

QC Flag Legend

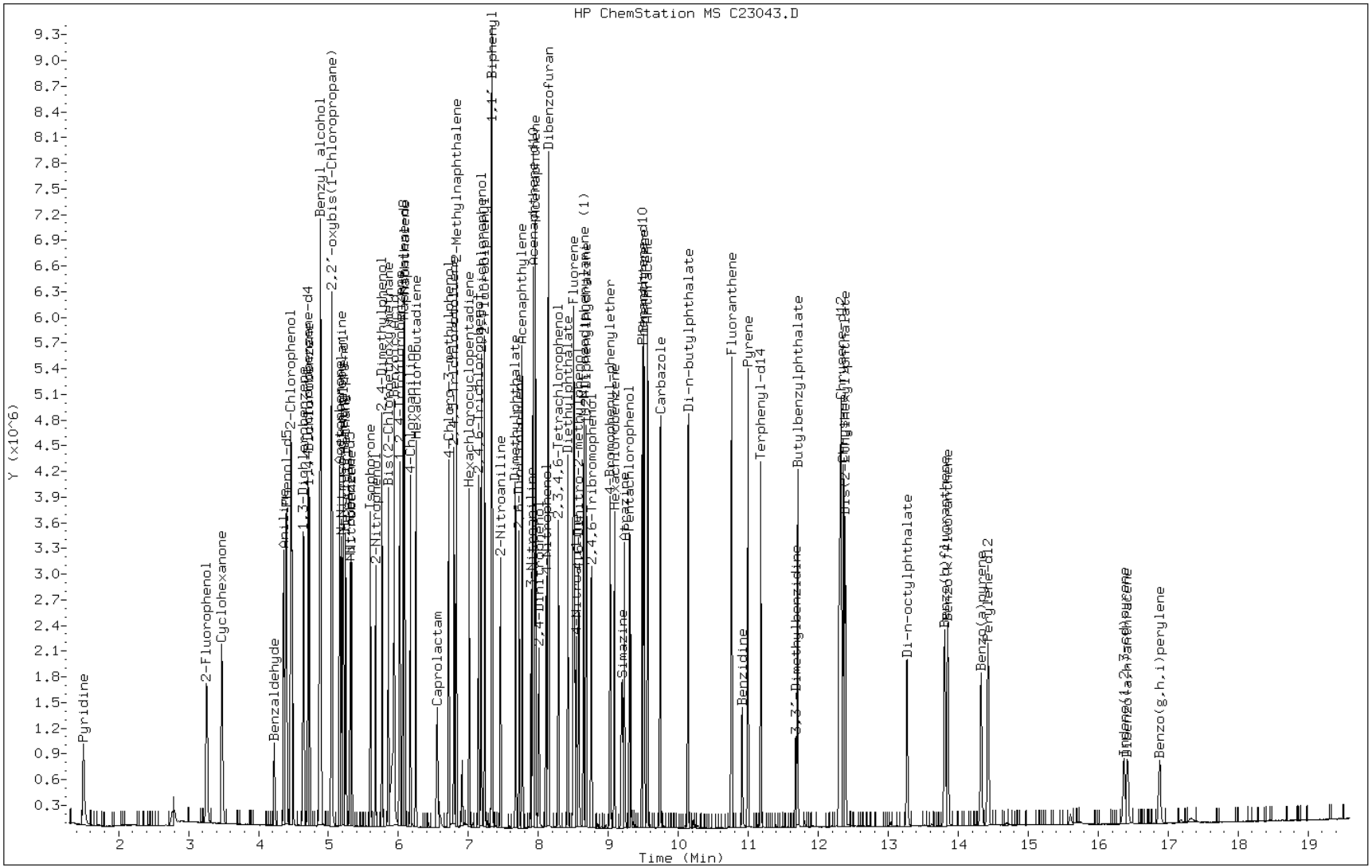
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C23043.D

Date: 03-MAY-2011 10:03

Client ID: IC-605842 Instrument: msc.i

Sample Info: IC-605842 Operator: S.Jonas



Manual Integration Report

Data File: C23043.D
Inj. Date and Time: 03-MAY-2011 10:03
Instrument ID: msc.i
Client ID: IC-605842
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/04/2011

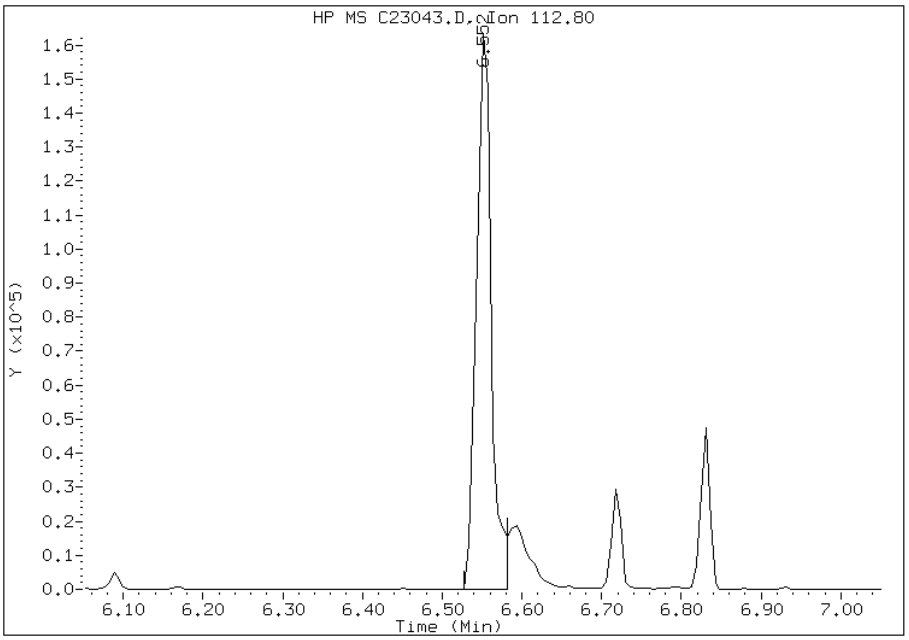
Processing Integration Results

RT: 6.55

Response: 211955

Amount: 18

Conc: 18



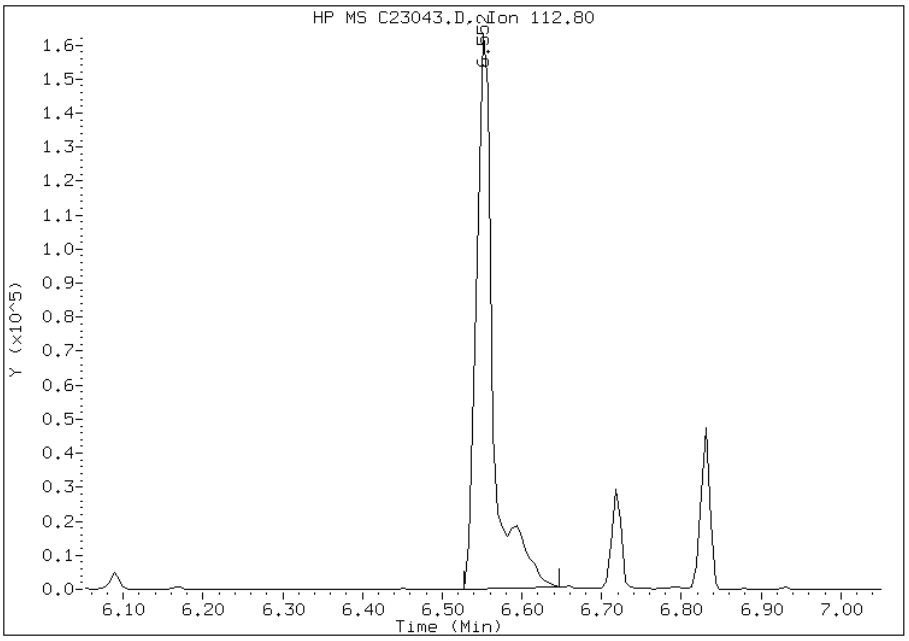
Manual Integration Results

RT: 6.55

Response: 241989

Amount: 21

Conc: 21



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C23043.D
Inj. Date and Time: 03-MAY-2011 10:03
Instrument ID: msc.i
Client ID: IC-605842
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/04/2011

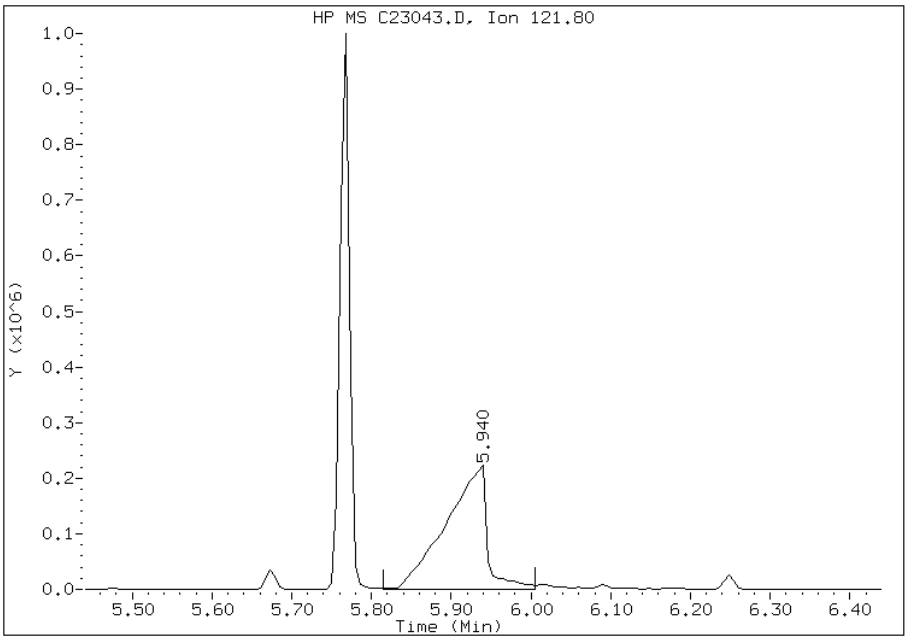
Processing Integration Results

RT: 5.94

Response: 794042

Amount: 32

Conc: 32



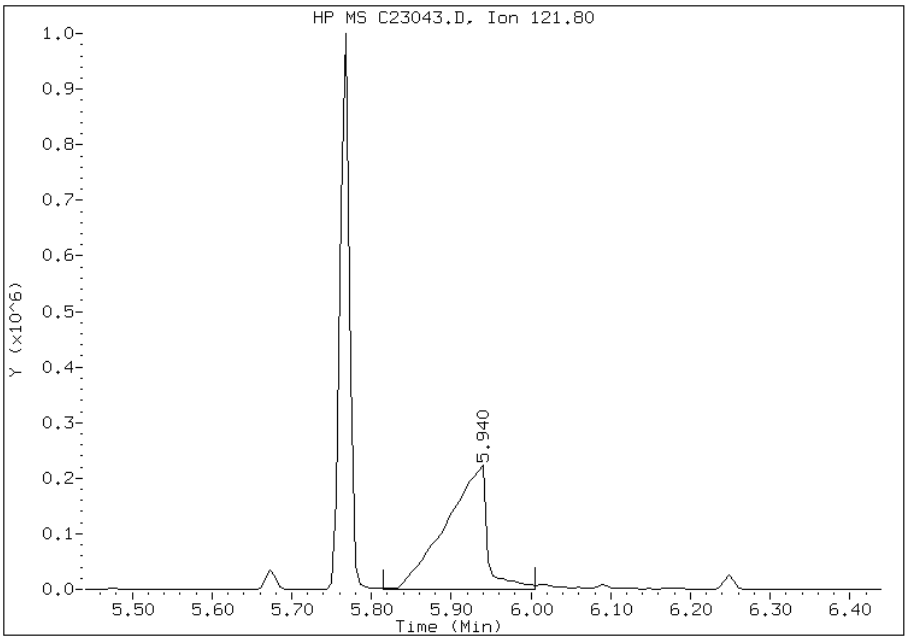
Manual Integration Results

RT: 5.94

Response: 794042

Amount: 29

Conc: 29



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\C23044.D
Lab Smp Id: IC-605843 Client Smp ID: IC-605843
Inj Date : 03-MAY-2011 10:36
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605843
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\MSC-8270C.m
Meth Date : 04-May-2011 06:50 stephan Quant Type: ISTD
Cal Date : 03-MAY-2011 10:36 Cal File: C23044.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.711	4.711	(1.000)	664319	20.0000	
$ 2	2-Fluorophenol	112	3.275	3.275	(0.695)	2745952	60.0000	61
$ 3	Phenol-d5	99	4.408	4.408	(0.936)	3138644	60.0000	60
4	Pyridine	52	1.506	1.506	(0.320)	797160	60.0000	63
5	N-Nitrosodimethylamine	42	1.494	1.494	(0.317)	599235	60.0000	64
6	Cyclohexanone	42	3.482	3.482	(0.739)	1345070	60.0000	58
128	Benzaldehyde	77	4.230	4.230	(0.898)	252495	60.0000	44
7	Phenol	94	4.426	4.426	(0.940)	3393808	60.0000	60
8	Aniline	93	4.373	4.373	(0.928)	3945521	60.0000	61
9	bis(2-Chloroethyl)ether	63	4.474	4.474	(0.950)	2125330	60.0000	65(H)
10	2-Chlorophenol	128	4.497	4.497	(0.955)	2831954	60.0000	60
11	1,3-Dichlorobenzene	146	4.652	4.652	(0.987)	3041841	60.0000	60
12	1,4-Dichlorobenzene	146	4.735	4.735	(1.005)	3144238	60.0000	62
13	Benzyl alcohol	108	4.907	4.907	(1.042)	1737869	60.0000	61
14	1,2-Dichlorobenzene	146	4.895	4.895	(1.039)	2941722	60.0000	61
15	2,2'-oxybis(1-Chloropropane)	45	5.055	5.055	(1.073)	3386938	60.0000	60
16	2-Methylphenol	108	5.061	5.061	(1.074)	2432373	60.0000	59
92	Acetophenone	105	5.180	5.180	(1.100)	3514996	60.0000	59
17	Hexachloroethane	117	5.251	5.251	(1.115)	1318187	60.0000	60
18	N-Nitroso-di-n-propylamine	70	5.204	5.204	(1.105)	1750808	60.0000	59

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.227	5.227	(1.110)	2533741	60.0000	59
* 20	Naphthalene-d8	136	6.076	6.076	(1.000)	2576101	20.0000	
$ 21	Nitrobenzene-d5	82	5.322	5.322	(0.876)	2596913	60.0000	60
22	Nitrobenzene	77	5.346	5.346	(0.880)	2628179	60.0000	60
23	Isophorone	82	5.619	5.619	(0.925)	4775516	60.0000	61
24	2-Nitrophenol	139	5.684	5.684	(0.936)	1482953	60.0000	61
25	2,4-Dimethylphenol	122	5.779	5.779	(0.951)	2298965	60.0000	60
26	Benzoic Acid	122	5.993	5.993	(0.986)	1665425	60.0000	61(M)
27	Bis(2-Chloroethoxy)methane	93	5.868	5.868	(0.966)	3038489	60.0000	60
28	2,4-Dichlorophenol	162	5.957	5.957	(0.980)	2137093	60.0000	61
29	1,2,4-Trichlorobenzene	180	6.029	6.029	(0.992)	2214223	60.0000	61
30	Naphthalene	128	6.100	6.100	(1.004)	7063395	60.0000	59
31	4-Chloroaniline	127	6.177	6.177	(1.017)	3072038	60.0000	61
32	Hexachlorobutadiene	225	6.254	6.254	(1.029)	1259053	60.0000	61
129	Caprolactam	113	6.610	6.610	(1.088)	666476	60.0000	60
33	4-Chloro-3-methylphenol	107	6.735	6.735	(1.108)	2047427	60.0000	60
34	2-Methylnaphthalene	142	6.836	6.836	(1.125)	4855125	60.0000	60
* 35	Acenaphthene-d10	164	7.928	7.928	(1.000)	1458890	20.0000	
36	2,4,5-Trichlorotoluene	159	6.800	6.800	(1.443)	1956653	60.0000	59
37	Hexachlorocyclopentadiene	237	7.014	7.014	(0.885)	1063100	60.0000	61
38	2,4,6-Trichlorophenol	196	7.156	7.156	(0.903)	1381016	60.0000	60
39	2,4,5-Trichlorophenol	196	7.198	7.198	(0.908)	1414667	60.0000	60
$ 40	2-Fluorobiphenyl	172	7.239	7.239	(0.913)	4657094	60.0000	59
130	1,1'-Biphenyl	154	7.340	7.340	(0.926)	5455569	60.0000	59
41	2-Chloronaphthalene	162	7.346	7.346	(0.927)	4445991	60.0000	60
42	2-Nitroaniline	65	7.471	7.471	(0.942)	1203820	60.0000	60
43	Acenaphthylene	152	7.780	7.780	(0.981)	6725587	60.0000	56
44	Dimethylphthalate	163	7.691	7.691	(0.970)	4556296	60.0000	58
45	2,6-Dinitrotoluene	165	7.738	7.738	(0.976)	1109107	60.0000	60
46	Acenaphthene	153	7.970	7.970	(1.005)	4184188	60.0000	58
47	3-Nitroaniline	138	7.910	7.910	(0.998)	1363758	60.0000	60
48	2,4-Dinitrophenol	184	8.023	8.023	(1.012)	669225	60.0000	60
49	Dibenzofuran	168	8.154	8.154	(1.028)	5683308	60.0000	57
50	2,4-Dinitrotoluene	165	8.159	8.159	(1.029)	1446655	60.0000	59
51	4-Nitrophenol	109	8.130	8.130	(1.025)	797338	60.0000	70
52	Fluorene	166	8.510	8.510	(1.073)	4800268	60.0000	58
53	4-Chlorophenyl-phenylether	204	8.522	8.522	(1.075)	2056355	60.0000	57
54	Diethylphthalate	149	8.432	8.432	(1.064)	4587772	60.0000	58
55	4-Nitroaniline	138	8.569	8.569	(1.081)	1264699	60.0000	59
$ 56	2,4,6-Tribromophenol	330	8.771	8.771	(1.106)	583478	60.0000	59
* 57	Phenanthrene-d10	188	9.495	9.495	(1.000)	2152875	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.599	8.599	(0.906)	853629	60.0000	69
59	N-Nitrosodiphenylamine (1)	169	8.658	8.658	(0.912)	3250188	60.0000	58
60	1,2-Diphenylhydrazine	77	8.694	8.694	(0.916)	4260345	60.0000	58
61	4-Bromophenyl-phenylether	248	9.038	9.038	(0.952)	1119377	60.0000	58
131	Atrazine	200	9.246	9.246	(0.974)	1183130	60.0000	61
62	Hexachlorobenzene	284	9.097	9.097	(0.958)	1193071	60.0000	57
63	Pentachlorophenol	266	9.311	9.311	(0.981)	724855	60.0000	64
64	Phenanthrene	178	9.519	9.519	(1.002)	6107361	60.0000	56
65	Carbazole	167	9.756	9.756	(1.028)	5781959	60.0000	55
66	Anthracene	178	9.572	9.572	(1.008)	6174126	60.0000	55
67	Di-n-butylphthalate	149	10.148	10.148	(1.069)	7062286	60.0000	56
68	Fluoranthene	202	10.771	10.771	(1.134)	6127219	60.0000	55
* 70	Chrysene-d12	240	12.338	12.338	(1.000)	1759032	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.919	10.919	(0.885)	1404413	60.0000	64
72	Pyrene	202	11.008	11.008	(0.892)	6134853	60.0000	57
$ 73	Terphenyl-d14	244	11.186	11.186	(0.907)	3717361	60.0000	57
74	Butylbenzylphthalate	149	11.709	11.709	(0.949)	2616672	60.0000	60
124	3,3'-Dimethylbenzidine	212	11.685	11.685	(0.947)	1035736	60.0000	62
75	3,3'-Dichlorobenzidine	252	12.302	12.302	(0.997)	1274032	60.0000	56
76	Benzo(a)anthracene	228	12.320	12.320	(0.999)	4678834	60.0000	57
77	Chrysene	228	12.374	12.374	(1.003)	4457065	60.0000	56
78	Bis(2-Ethylhexyl)phthalate	149	12.391	12.391	(1.004)	3289224	60.0000	63
* 79	Perylene-d12	264	14.433	14.433	(1.000)	900648	20.0000	
80	Di-n-octylphthalate	149	13.276	13.276	(0.920)	4289723	60.0000	58
81	Benzo(b)fluoranthene	252	13.822	13.822	(0.958)	3291895	60.0000	64
82	Benzo(k)fluoranthene	252	13.869	13.869	(0.961)	3342677	60.0000	66
83	Benzo(a)pyrene	252	14.344	14.344	(0.994)	2430478	60.0000	63
84	Indeno(1,2,3-cd)pyrene	276	16.386	16.386	(1.135)	1565817	60.0000	62
85	Dibenzo(a,h)anthracene	278	16.439	16.439	(1.139)	1588110	60.0000	63
86	Benzo(g,h,i)perylene	276	16.902	16.902	(1.171)	1640135	60.0000	63
167	Simazine	201	9.222	9.222	(0.971)	776159	60.0000	61(M)
103	1,2,4,5-Tetrachlorobenzene	216	7.020	7.020	(0.885)	955624	60.0000	64
109	2,3,4,6-Tetrachlorophenol	232	8.296	8.296	(1.046)	1027652	60.0000	63
119	Pentachloronitrobenzene	237	9.329	9.329	(0.982)	586357	60.0000	62

QC Flag Legend

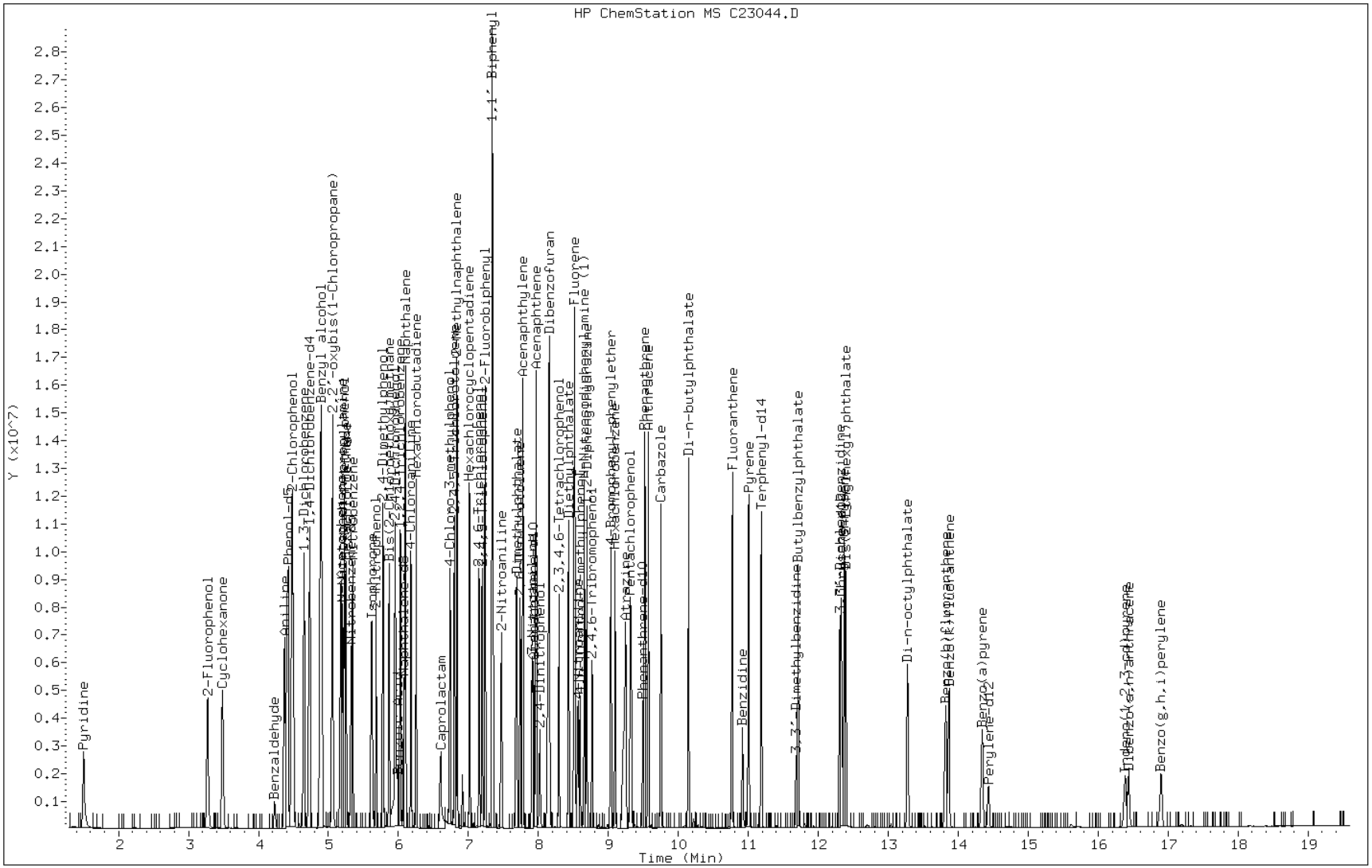
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C23044.D

Date: 03-MAY-2011 10:36

Client ID: IC-605843 Instrument: msc.i

Sample Info: IC-605843 Operator: S.Jonas



Manual Integration Report

Data File: C23044.D
Inj. Date and Time: 03-MAY-2011 10:36
Instrument ID: msc.i
Client ID: IC-605843
Compound: 167 Simazine
CAS #: 122-34-9
Report Date: 05/04/2011

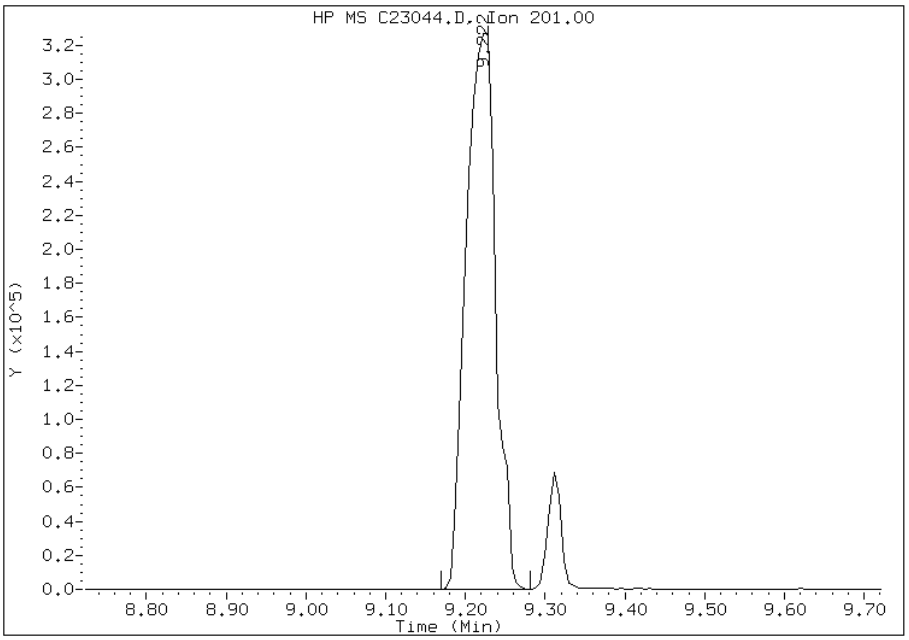
Processing Integration Results

RT: 9.22

Response: 838101

Amount: 123

Conc: 123



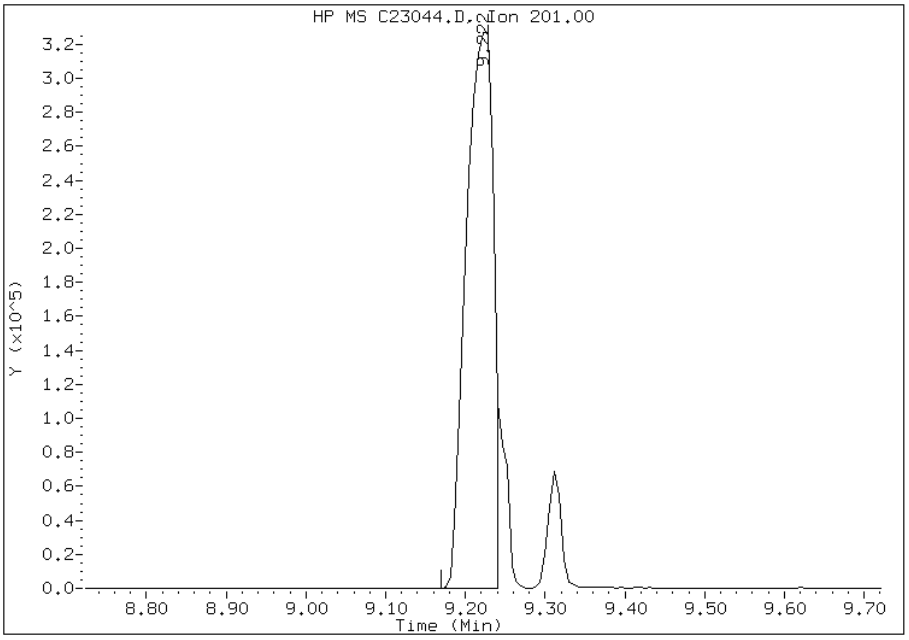
Manual Integration Results

RT: 9.22

Response: 776159

Amount: 61

Conc: 61



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C23044.D
Inj. Date and Time: 03-MAY-2011 10:36
Instrument ID: msc.i
Client ID: IC-605843
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/04/2011

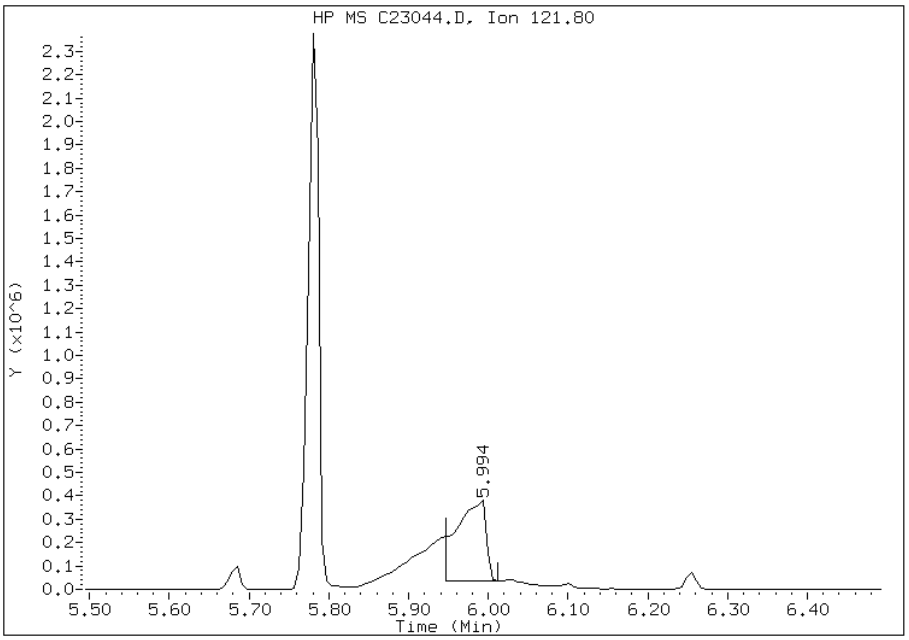
Processing Integration Results

RT: 5.99

Response: 891551

Amount: 37

Conc: 37



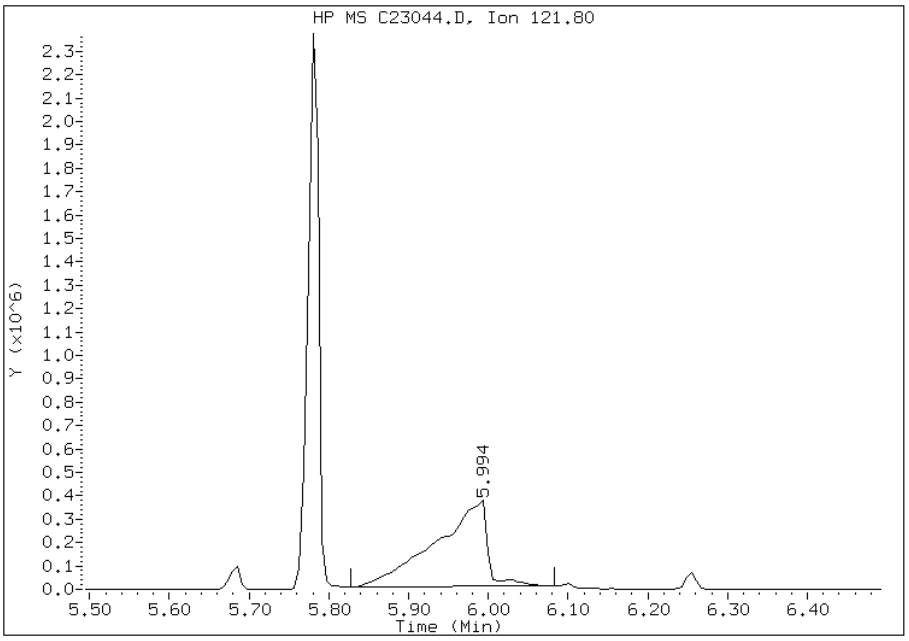
Manual Integration Results

RT: 5.99

Response: 1665425

Amount: 61

Conc: 61



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\C23045.D
Lab Smp Id: IC-605844 Client Smp ID: IC-605844
Inj Date : 03-MAY-2011 11:10
Operator : S.Jonas Inst ID: msc.i
Smp Info : IC-605844
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\MSC-8270C.m
Meth Date : 04-May-2011 06:50 stephan Quant Type: ISTD
Cal Date : 03-MAY-2011 11:10 Cal File: C23045.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.717	4.717	(1.000)	650816	20.0000	
$ 2	2-Fluorophenol	112	3.275	3.275	(0.694)	3560811	80.0000	81(A)
$ 3	Phenol-d5	99	4.414	4.414	(0.936)	4067503	80.0000	79
4	Pyridine	52	1.506	1.506	(0.319)	1060972	80.0000	86(A)
5	N-Nitrosodimethylamine	42	1.500	1.500	(0.318)	770835	80.0000	84(A)
6	Cyclohexanone	42	3.488	3.488	(0.740)	1648536	80.0000	72
128	Benzaldehyde	77	4.230	4.230	(0.897)	230540	80.0000	41
7	Phenol	94	4.432	4.432	(0.940)	4347112	80.0000	78
8	Aniline	93	4.373	4.373	(0.927)	4841538	80.0000	76
9	bis(2-Chloroethyl)ether	63	4.479	4.479	(0.950)	2590945	80.0000	80(AH)
10	2-Chlorophenol	128	4.503	4.503	(0.955)	3651125	80.0000	79
11	1,3-Dichlorobenzene	146	4.652	4.652	(0.986)	3988503	80.0000	81(A)
12	1,4-Dichlorobenzene	146	4.735	4.735	(1.004)	4049639	80.0000	81(A)
13	Benzyl alcohol	108	4.913	4.913	(1.042)	2239563	80.0000	80(A)
14	1,2-Dichlorobenzene	146	4.895	4.895	(1.038)	3832374	80.0000	81(A)
15	2,2'-oxybis(1-Chloropropane)	45	5.055	5.055	(1.072)	4371067	80.0000	78
16	2-Methylphenol	108	5.067	5.067	(1.074)	3137244	80.0000	78
92	Acetophenone	105	5.186	5.186	(1.099)	4587765	80.0000	79
17	Hexachloroethane	117	5.251	5.251	(1.113)	1739249	80.0000	80(A)
18	N-Nitroso-di-n-propylamine	70	5.210	5.210	(1.104)	2273504	80.0000	79

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.233	5.233	(1.109)	3241909	80.0000	77
*	20 Naphthalene-d8	136	6.076	6.076	(1.000)	2554342	20.0000	
$	21 Nitrobenzene-d5	82	5.328	5.328	(0.877)	3362653	80.0000	79
	22 Nitrobenzene	77	5.352	5.352	(0.881)	3390761	80.0000	78
	23 Isophorone	82	5.625	5.625	(0.926)	6158210	80.0000	79
	24 2-Nitrophenol	139	5.684	5.684	(0.936)	1905431	80.0000	79
	25 2,4-Dimethylphenol	122	5.785	5.785	(0.952)	2957242	80.0000	77
	26 Benzoic Acid	122	6.017	6.017	(0.990)	2196614	80.0000	80(AM)
	27 Bis(2-Chloroethoxy)methane	93	5.874	5.874	(0.967)	3906059	80.0000	78
	28 2,4-Dichlorophenol	162	5.957	5.957	(0.980)	2780255	80.0000	80(A)
	29 1,2,4-Trichlorobenzene	180	6.029	6.029	(0.992)	2883903	80.0000	81(A)
	30 Naphthalene	128	6.100	6.100	(1.004)	8561088	80.0000	73
	31 4-Chloroaniline	127	6.183	6.183	(1.018)	3762628	80.0000	75
	32 Hexachlorobutadiene	225	6.254	6.254	(1.029)	1631926	80.0000	79
	129 Caprolactam	113	6.622	6.622	(1.090)	844690	80.0000	77
	33 4-Chloro-3-methylphenol	107	6.741	6.741	(1.109)	2619897	80.0000	77
	34 2-Methylnaphthalene	142	6.842	6.842	(1.126)	6288671	80.0000	78
*	35 Acenaphthene-d10	164	7.928	7.928	(1.000)	1404384	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.806	6.806	(1.443)	2513140	80.0000	77
	37 Hexachlorocyclopentadiene	237	7.020	7.020	(0.885)	1368743	80.0000	80(A)
	38 2,4,6-Trichlorophenol	196	7.156	7.156	(0.903)	1775791	80.0000	80
	39 2,4,5-Trichlorophenol	196	7.204	7.204	(0.909)	1849707	80.0000	82(A)
$	40 2-Fluorobiphenyl	172	7.245	7.245	(0.914)	6063723	80.0000	80
	130 1,1'-Biphenyl	154	7.346	7.346	(0.927)	7103515	80.0000	80(A)
	41 2-Chloronaphthalene	162	7.352	7.352	(0.927)	5720824	80.0000	80
	42 2-Nitroaniline	65	7.477	7.477	(0.943)	1556595	80.0000	80(A)
	43 Acenaphthylene	152	7.785	7.785	(0.982)	8741191	80.0000	76
	44 Dimethylphthalate	163	7.696	7.696	(0.971)	6022093	80.0000	80
	45 2,6-Dinitrotoluene	165	7.744	7.744	(0.977)	1406611	80.0000	78
	46 Acenaphthene	153	7.969	7.969	(1.005)	5317582	80.0000	76
	47 3-Nitroaniline	138	7.916	7.916	(0.999)	1725258	80.0000	79
	48 2,4-Dinitrophenol	184	8.029	8.029	(1.013)	899687	80.0000	81(A)
	49 Dibenzofuran	168	8.153	8.153	(1.028)	7421458	80.0000	78
	50 2,4-Dinitrotoluene	165	8.171	8.171	(1.031)	1927194	80.0000	81(A)
	51 4-Nitrophenol	109	8.142	8.142	(1.027)	1032696	80.0000	94(A)
	52 Fluorene	166	8.515	8.515	(1.074)	6366809	80.0000	80
	53 4-Chlorophenyl-phenylether	204	8.527	8.527	(1.076)	2825587	80.0000	82(A)
	54 Diethylphthalate	149	8.438	8.438	(1.064)	5977842	80.0000	78
	55 4-Nitroaniline	138	8.581	8.581	(1.082)	1645059	80.0000	79
$	56 2,4,6-Tribromophenol	330	8.771	8.771	(1.106)	778652	80.0000	82(A)
*	57 Phenanthrene-d10	188	9.495	9.495	(1.000)	2193479	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.604	8.604	(0.906)	1117201	80.0000	88(A)
	59 N-Nitrosodiphenylamine (1)	169	8.664	8.664	(0.912)	4244271	80.0000	74
	60 1,2-Diphenylhydrazine	77	8.694	8.694	(0.916)	5538054	80.0000	74
	61 4-Bromophenyl-phenylether	248	9.038	9.038	(0.952)	1504842	80.0000	76
	131 Atrazine	200	9.257	9.257	(0.975)	1518428	80.0000	77
	62 Hexachlorobenzene	284	9.103	9.103	(0.959)	1646521	80.0000	78
	63 Pentachlorophenol	266	9.317	9.317	(0.981)	1014155	80.0000	88(A)
	64 Phenanthrene	178	9.524	9.524	(1.003)	7943269	80.0000	71
	65 Carbazole	167	9.762	9.762	(1.028)	7518681	80.0000	71
	66 Anthracene	178	9.578	9.578	(1.009)	8156837	80.0000	71
	67 Di-n-butylphthalate	149	10.148	10.148	(1.069)	9058241	80.0000	71
	68 Fluoranthene	202	10.777	10.777	(1.135)	7981308	80.0000	71
*	70 Chrysene-d12	240	12.344	12.344	(1.000)	1696104	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.919	10.919	(0.885)	1621472	80.0000	76
72	Pyrene	202	11.014	11.014	(0.892)	8141474	80.0000	79
$ 73	Terphenyl-d14	244	11.192	11.192	(0.907)	4905834	80.0000	78
74	Butylbenzylphthalate	149	11.715	11.715	(0.949)	3363504	80.0000	80
124	3,3'-Dimethylbenzidine	212	11.685	11.685	(0.947)	1178057	80.0000	73
75	3,3'-Dichlorobenzidine	252	12.308	12.308	(0.997)	1538570	80.0000	70
76	Benzo(a)anthracene	228	12.326	12.326	(0.999)	5865999	80.0000	74
77	Chrysene	228	12.379	12.379	(1.003)	5475965	80.0000	71
78	Bis(2-Ethylhexyl)phthalate	149	12.391	12.391	(1.004)	4048471	80.0000	81(A)
* 79	Perylene-d12	264	14.433	14.433	(1.000)	775925	20.0000	
80	Di-n-octylphthalate	149	13.276	13.276	(0.920)	5496958	80.0000	84(A)
81	Benzo(b)fluoranthene	252	13.822	13.822	(0.958)	3864168	80.0000	87(A)
82	Benzo(k)fluoranthene	252	13.869	13.869	(0.961)	3741012	80.0000	86(A)
83	Benzo(a)pyrene	252	14.344	14.344	(0.994)	2815071	80.0000	84(A)
84	Indeno(1,2,3-cd)pyrene	276	16.392	16.392	(1.136)	2176747	80.0000	80
85	Dibenzo(a,h)anthracene	278	16.445	16.445	(1.139)	2163702	80.0000	79
86	Benzo(g,h,i)perylene	276	16.914	16.914	(1.172)	2301050	80.0000	79
167	Simazine	201	9.228	9.228	(0.972)	1028264	80.0000	79(M)
103	1,2,4,5-Tetrachlorobenzene	216	7.020	7.020	(0.885)	1268859	80.0000	89(A)
109	2,3,4,6-Tetrachlorophenol	232	8.296	8.296	(1.046)	1356349	80.0000	86(A)
119	Pentachloronitrobenzene	237	9.335	9.335	(0.983)	773896	80.0000	81(A)

QC Flag Legend

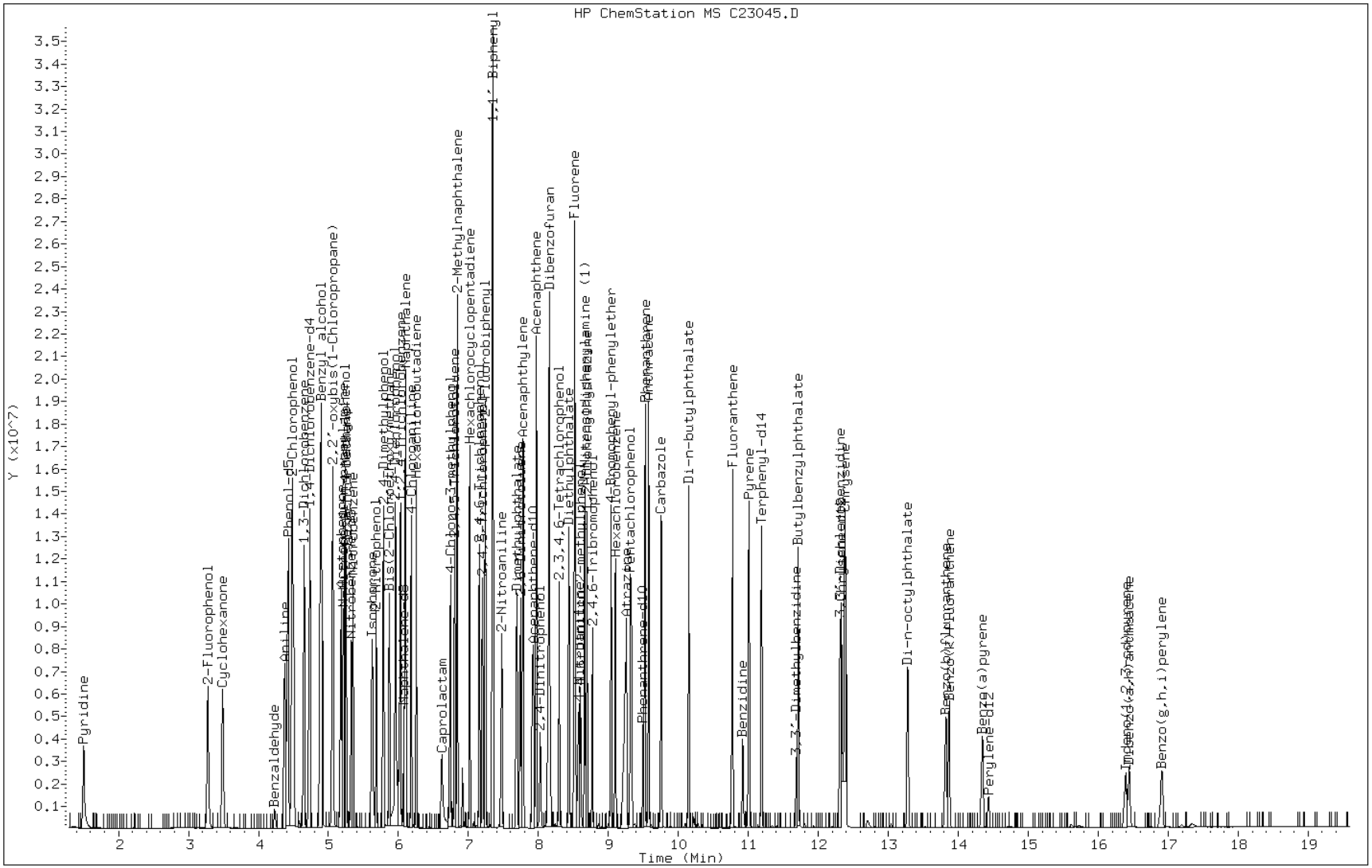
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: C23045.D

Date: 03-MAY-2011 11:10

Client ID: IC-605844 Instrument: msc.i

Sample Info: IC-605844 Operator: S.Jonas



Manual Integration Report

Data File: C23045.D
Inj. Date and Time: 03-MAY-2011 11:10
Instrument ID: msc.i
Client ID: IC-605844
Compound: 167 Simazine
CAS #: 122-34-9
Report Date: 05/04/2011

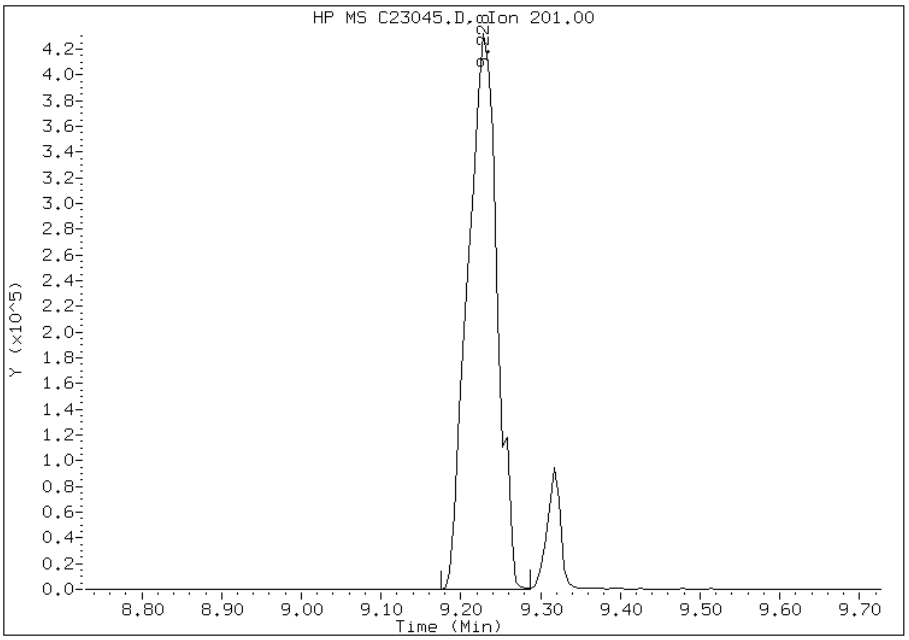
Processing Integration Results

RT: 9.23

Response: 1086762

Amount: 156

Conc: 156



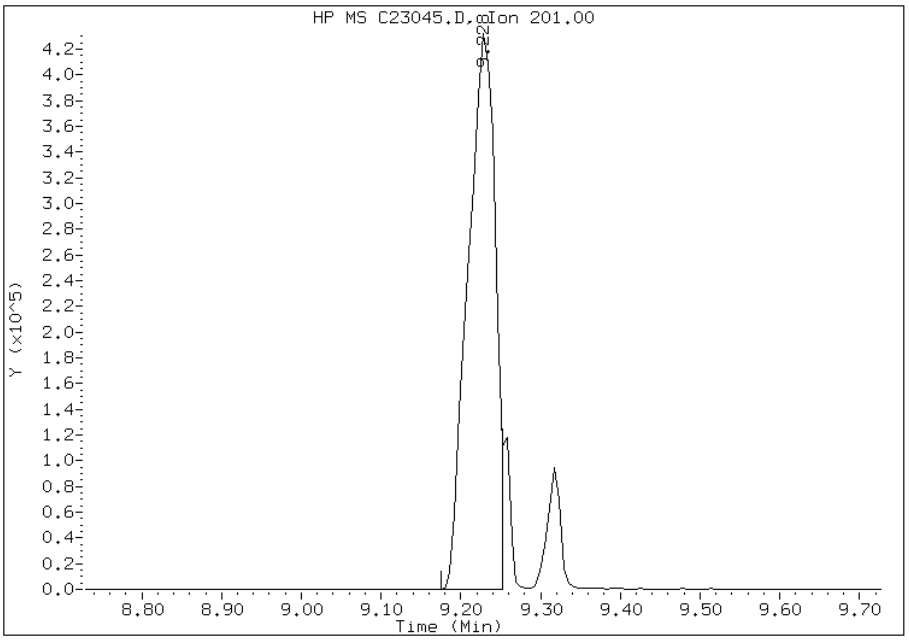
Manual Integration Results

RT: 9.23

Response: 1028264

Amount: 79

Conc: 79



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C23045.D
Inj. Date and Time: 03-MAY-2011 11:10
Instrument ID: msc.i
Client ID: IC-605844
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/04/2011

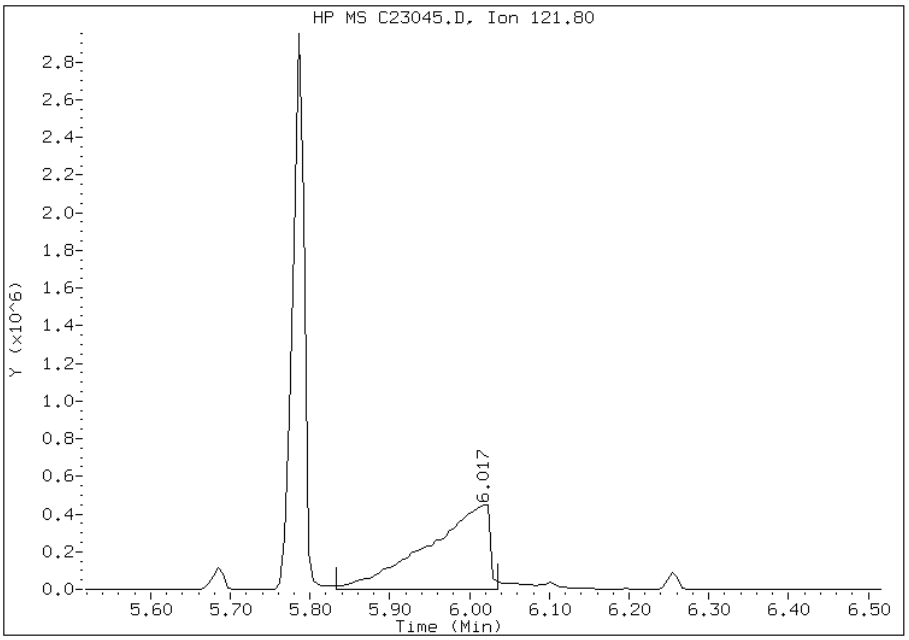
Processing Integration Results

RT: 6.02

Response: 2399151

Amount: 86

Conc: 86



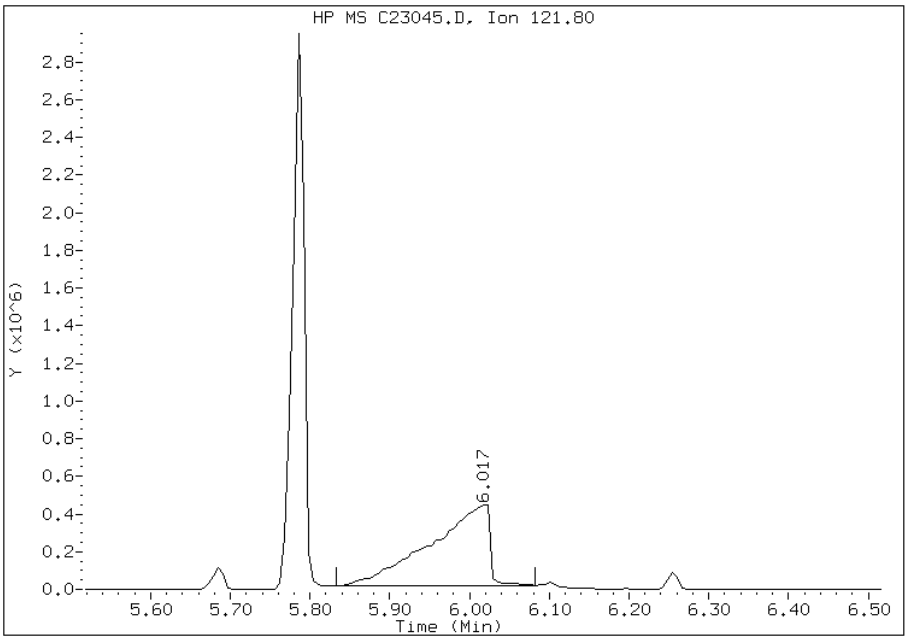
Manual Integration Results

RT: 6.02

Response: 2196614

Amount: 80

Conc: 80



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50284/2	Z19811.D
Level 2	IC 220-50284/3	Z19812.D
Level 3	IC 220-50284/4	Z19813.D
Level 4	IC 220-50284/5	Z19814.D
Level 5	ICIS 220-50284/1	Z19810.D
Level 6	IC 220-50284/6	Z19815.D
Level 7	IC 220-50284/7	Z19816.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.5281 0.4934	0.4754 0.4881	0.4708	0.4807	0.4826	Ave		0.4884				3.9		15.0			
Pyridine	0.6516 0.6282	0.5819 0.6244	0.5679	0.5927	0.6151	Ave		0.6088				4.8		15.0			
Cyclohexanone	1.2156 1.1584	1.1638 1.0894	1.1400	1.1772	1.1433	Ave		1.1554				3.3		15.0			
Benzaldehyde	0.1591 0.1997	0.1479 0.1566	0.1386	0.2236	0.3380	Ave		0.1948				36.0	*	15.0			
Aniline	1.9817 2.2671	2.0847 2.2200	2.1488	2.2176	2.1748	Ave		2.1564				4.5		15.0			
Phenol	1.8844 1.8175	1.8195 1.7452	1.8081	1.8484	1.7811	Ave		1.8149				2.5		30.0			
Bis(2-chloroethyl)ether	1.4528 1.5683	1.4778 1.5462	1.3984	1.4695	1.4438	Ave		1.4796				4.0		15.0			
2-Chlorophenol	1.5288 1.4989	1.4782 1.4324	1.4709	1.5100	1.4576	Ave		1.4824				2.2		15.0			
1,3-Dichlorobenzene	1.6725 1.6343	1.5989 1.5726	1.5970	1.6398	1.5900	Ave		1.6150				2.2		15.0			
1,4-Dichlorobenzene	1.7376 1.6433	1.6157 1.5892	1.6349	1.6568	1.6229	Ave		1.6429				2.9		30.0			
1,2-Dichlorobenzene	1.6889 1.5134	1.5965 1.4439	1.5618	1.5757	1.4935	Ave		1.5534				5.1		15.0			
Benzyl alcohol	0.8556 0.9549	0.9019 0.9233	0.8983	0.9511	0.9621	Ave		0.9210				4.2		15.0			
2,2'-oxybis[1-chloropropane]	3.4140 2.9903	3.2707 2.8724	3.1924	3.1822	3.0218	Ave		3.1348				5.9		15.0			
2-Methylphenol	1.4377 1.3392	1.3988 1.2871	1.3948	1.3828	1.3097	Ave		1.3643				3.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	2.2579 2.2207	2.1462 2.1872	2.1721	2.2048	2.1315	Ave		2.1886				2.0		15.0			
N-Nitrosodi-n-propylamine	1.3195 1.3071	1.2701 1.2543	1.2545	1.2888	1.2764	Ave		1.2815			0.0500	2.0		15.0			
Methylphenol, 3 & 4	1.5027 1.4485	1.4518 1.3363	1.4834	1.5009	1.4465	Ave		1.4529				3.9		15.0			
Hexachloroethane	0.8096 0.7986	0.7705 0.7647	0.7717	0.7964	0.7855	Ave		0.7853				2.2		15.0			
Nitrobenzene	0.4177 0.4052	0.3956 0.3954	0.3945	0.4053	0.3999	Ave		0.4019				2.1		15.0			
Isophorone	0.7093 0.7304	0.6769 0.7147	0.6876	0.7002	0.6965	Ave		0.7022				2.5		15.0			
2-Nitrophenol	0.1852 0.1926	0.1827 0.1834	0.1868	0.1913	0.1876	Ave		0.1871				2.0		30.0			
2,4-Dimethylphenol	0.3072 0.2934	0.2968 0.2789	0.2955	0.3023	0.2931	Ave		0.2953				3.0		15.0			
Bis(2-chloroethoxy)methane	0.4421 0.4336	0.4302 0.4167	0.4231	0.4317	0.4245	Ave		0.4288				1.9		15.0			
2,4-Dichlorophenol	0.2761 0.2702	0.2710 0.2590	0.2776	0.2788	0.2688	Ave		0.2716				2.5		30.0			
Benzoic acid	0.2410 0.2153	0.1196 0.2074	0.1606	0.1588	0.1859	Qua	0.1137	5.5731	-1.230					15.0	0.9913		0.9900
1,2,4-Trichlorobenzene	0.3288 0.3055	0.3137 0.2878	0.3164	0.3149	0.3074	Ave		0.3106				4.1		15.0			
Naphthalene	1.0661 0.9813	1.0232 0.9392	1.0232	1.0165	0.9895	Ave		1.0056				4.0		15.0			
4-Chloroaniline	0.3558 0.4125	0.3990 0.3928	0.4148	0.4252	0.4084	Ave		0.4012				5.6		15.0			
Hexachlorobutadiene	0.1968 0.1883	0.1847 0.1822	0.1839	0.1898	0.1855	Ave		0.1873				2.6		30.0			
Caprolactam	0.0772 0.1018	0.0825 0.0908	0.0898	0.0968	0.1009	Ave		0.0914				10.1		15.0			
4-Chloro-3-methylphenol	0.3336 0.3239	0.3141 0.3119	0.3177	0.3263	0.3260	Ave		0.3219				2.4		30.0			
2,4,5-Trichlorotoluene	1.4877 1.4534	1.4522 1.4116	1.4441	1.4697	1.4105	Ave		1.4470				2.0		15.0			
2-Methylnaphthalene	0.7011 0.6539	0.6999 0.6231	0.7013	0.6956	0.6601	Ave		0.6765				4.6		15.0			
Hexachlorocyclopentadiene	0.2355 0.3336	0.2637 0.3224	0.2957	0.3230	0.3352	Ave		0.3013			0.0500	12.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetrachlorobenzene	0.2484 0.2176	0.1940 0.2121	0.2265	0.1835	0.2217	Ave		0.2148				10.0		15.0			
2,4,6-Trichlorophenol	0.3152 0.3142	0.3164 0.3101	0.3115	0.3160	0.3142	Ave		0.3139				0.7		30.0			
2,4,5-Trichlorophenol	0.3179 0.3340	0.3139 0.3286	0.3183	0.3250	0.3377	Ave		0.3251				2.7		15.0			
1,1'-Biphenyl	1.4357 1.1675	1.3783 1.1051	1.3495	1.3357	1.2528	Ave		1.2892				9.2		15.0			
2-Chloronaphthalene	1.0931 0.9212	1.0406 0.8869	1.0349	1.0262	0.9683	Ave		0.9959				7.3		15.0			
2-Nitroaniline	0.3925 0.4150	0.3852 0.4121	0.3986	0.4047	0.4116	Ave		0.4028				2.8		15.0			
Dimethyl phthalate	1.2138 1.2235	1.1749 1.2149	1.1745	1.2054	1.2148	Ave		1.2031				1.7		15.0			
2,6-Dinitrotoluene	0.2884 0.2907	0.2684 0.2880	0.2794	0.2886	0.2906	Ave		0.2848				2.9		15.0			
Acenaphthylene	1.7386 1.6353	1.7022 1.5908	1.6742	1.7022	1.6694	Ave		1.6732				2.9		15.0			
3-Nitroaniline	0.2928 0.3160	0.2929 0.3093	0.3080	0.3170	0.3157	Ave		0.3074				3.4		15.0			
Acenaphthene	1.1384 1.0734	1.1214 1.0481	1.1205	1.1237	1.1004	Ave		1.1037				2.9		30.0			
2,4-Dinitrophenol	+++++ 0.1991	0.1200 0.2041	0.1561	0.1689	0.1833	Lin	0.3105	0.2203			0.0500			15.0	0.9984		0.9900
4-Nitrophenol	0.1539 0.2073	0.1633 0.2072	0.1716	0.1810	0.2022	Ave		0.1838			0.0500	12.0		15.0			
Dibenzofuran	1.5563 1.4096	1.5164 1.3369	1.4897	1.4943	1.4557	Ave		1.4656				5.0		15.0			
2,4-Dinitrotoluene	0.3865 0.3872	0.3778 0.3812	0.3805	0.3883	0.3923	Ave		0.3848				1.3		15.0			
2,3,4,6-Tetrachlorophenol	0.2777 0.2840	0.2203 0.2775	0.2798	0.2286	0.2868	Ave		0.2650				10.6		15.0			
Diethyl phthalate	1.2316 1.2756	1.2153 1.2553	1.2277	1.2682	1.2759	Ave		1.2499				2.0		15.0			
Fluorene	1.2709 1.1764	1.2578 1.1211	1.2652	1.2664	1.2337	Ave		1.2274				4.7		15.0			
4-Chlorophenyl phenyl ether	0.6288 0.5737	0.6156 0.5405	0.6075	0.6196	0.6039	Ave		0.5985				5.2		15.0			
4-Nitroaniline	0.2760 0.3248	0.2802 0.3261	0.2950	0.3123	0.3225	Ave		0.3053				7.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4,6-Dinitro-2-methylphenol	0.1085 0.1510	0.1219 0.1478	0.1350	0.1408	0.1473	Ave		0.1360				11.5		15.0			
N-Nitrosodiphenylamine	0.5061 0.4882	0.4979 0.4674	0.4936	0.5020	0.4988	Ave		0.4934				2.6		30.0			
1,2-Diphenylhydrazine	0.8912 0.8446	0.8866 0.8086	0.8670	0.8770	0.8675	Ave		0.8632				3.3		15.0			
4-Bromophenyl phenyl ether	0.2034 0.1958	0.1968 0.1874	0.2002	0.2029	0.2028	Ave		0.1985				2.9		15.0			
Hexachlorobenzene	0.2376 0.2200	0.2264 0.2081	0.2228	0.2227	0.2241	Ave		0.2231				3.9		15.0			
Simazine	0.1168 0.1319	0.1140 0.1305	0.1188	0.1204	0.1243	Ave		0.1224				5.6		15.0			
Atrazine	0.1832 0.2163	0.1864 0.2101	0.1936	0.1955	0.2158	Ave		0.2001				6.9		15.0			
Pentachlorophenol	0.0878 0.1322	0.1052 0.1311	0.1180	0.1229	0.1320	Ave		0.1185				14.1		30.0			
Pentachloronitrobenzene	0.0930 0.0954	0.0983 0.0933	0.0974	0.0765	0.0958	Ave		0.0928				8.0		15.0			
Phenanthrene	1.1324 1.0434	1.0921 0.9892	1.0887	1.0870	1.0797	Ave		1.0732				4.2		15.0			
Anthracene	1.1472 1.0762	1.1275 1.0197	1.1134	1.1234	1.1155	Ave		1.1033				3.9		15.0			
Carbazole	0.9898 0.9610	0.9832 0.9224	0.9752	0.9926	0.9887	Ave		0.9733				2.6		15.0			
Di-n-butyl phthalate	1.2760 1.2754	1.2835 1.2147	1.2884	1.3134	1.3126	Ave		1.2806				2.6		15.0			
Fluoranthene	1.1866 1.1803	1.1849 1.1312	1.1896	1.2139	1.2076	Ave		1.1849				2.3		30.0			
Benzidine	0.0907 0.2902	0.1335 0.2622	0.2241	0.2654	0.2848	Lin	0.0622	0.2800						15.0	0.9942		0.9900
Pyrene	1.1430 1.1249	1.1036 1.0993	1.1152	1.1228	1.1233	Ave		1.1189				1.3		15.0			
3,3'-Dimethylbenzidine	0.1690 0.2308	0.1149 0.2041	0.1463	0.2031	0.2545	Qua	0.1938	2.5149	2.4597					15.0	0.9920		0.9900
Butyl benzyl phthalate	0.4433 0.5226	0.4568 0.5113	0.4773	0.5042	0.5143	Ave		0.4900				6.3		15.0			
3,3'-Dichlorobenzidine	0.2685 0.2889	0.2567 0.2676	0.2655	0.2881	0.2986	Ave		0.2763				5.6		15.0			
Benzo[a]anthracene	1.0247 1.0159	0.9935 0.9720	0.9944	1.0290	1.0269	Ave		1.0081				2.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chrysene	0.9892 0.9663	0.9712 0.9034	0.9582	0.9912	0.9882	Ave		0.9668				3.2		15.0			
Bis(2-ethylhexyl) phthalate	0.5583 0.6644	0.5397 0.6393	0.5714	0.6206	0.6420	Ave		0.6051				8.0		15.0			
Di-n-octyl phthalate	0.6201 1.3777	0.6366 1.5515	0.7551	0.8965	1.1273	Qua	0.1185	0.9256	-0.049					30.0	0.9978		0.9900
Benzo[b]fluoranthene	0.9827 1.2312	0.9465 1.2476	0.9820	1.0383	1.1413	Ave		1.0814				11.5		15.0			
Benzo[k]fluoranthene	0.9766 1.2131	0.9644 1.2542	1.0188	1.0511	1.1577	Ave		1.0908				10.7		15.0			
Benzo[a]pyrene	0.8061 0.9207	0.7977 0.9060	0.8260	0.8658	0.9048	Ave		0.8610				6.0		30.0			
Indeno[1,2,3-cd]pyrene	0.5819 0.4116	0.5654 +++++	0.5879	0.5435	0.4403	Ave		0.5218				14.6		15.0			
Dibenz(a,h)anthracene	0.4837 0.4065	0.4954 0.4321	0.5307	0.5140	0.4370	Ave		0.4713				9.9		15.0			
Benzo[g,h,i]perylene	0.5527 0.3823	0.5721 0.4164	0.5645	0.5087	0.3944	Lin	-0.113	0.3934						15.0	0.9916		0.9900
2-Fluorophenol	1.1623 1.2466	1.1661 1.2112	1.1585	1.1996	1.1969	Ave		1.1916				2.7		15.0			
Phenol-d5	1.7118 1.7398	1.7136 1.6957	1.7068	1.7349	1.6981	Ave		1.7144				1.0		15.0			
Nitrobenzene-d5	0.3883 0.4035	0.3811 0.3961	0.3836	0.3941	0.3932	Ave		0.3914				2.0		15.0			
2-Fluorobiphenyl	1.1823 1.0909	1.1477 1.0718	1.1274	1.1451	1.1161	Ave		1.1259				3.3		15.0			
2,4,6-Tribromophenol	0.1924 0.1997	0.1928 0.1971	0.1936	0.1957	0.2043	Ave		0.1965				2.2		15.0			
Terphenyl-d14	0.7637 0.7566	0.7394 0.7287	0.7423	0.7584	0.7582	Ave		0.7496				1.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50284/2	Z19811.D
Level 2	IC 220-50284/3	Z19812.D
Level 3	IC 220-50284/4	Z19813.D
Level 4	IC 220-50284/5	Z19814.D
Level 5	ICIS 220-50284/1	Z19810.D
Level 6	IC 220-50284/6	Z19815.D
Level 7	IC 220-50284/7	Z19816.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	3870 106104	6957 136375	17084	35487	68955	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyridine	DCB	Ave	4775 135092	8515 174439	20607	43757	87886	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	8909 249113	17030 304341	41369	86915	163351	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzaldehyde	DCB	Ave	1166 42949	2164 43746	5028	16507	48287	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Aniline	DCB	Ave	14523 487557	30506 620201	77977	163728	310736	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol	DCB	Ave	13810 390868	26625 487560	65612	136468	254487	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethyl)ether	DCB	Ave	10647 337271	21625 431963	50745	108497	206294	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chlorophenol	DCB	Ave	11204 322351	21631 400166	53375	111485	208260	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,3-Dichlorobenzene	DCB	Ave	12257 351458	23397 439345	57952	121071	227180	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,4-Dichlorobenzene	DCB	Ave	12734 353410	23643 443977	59327	122320	231879	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Dichlorobenzene	DCB	Ave	12377 325454	23362 403387	56674	116335	213389	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzyl alcohol	DCB	Ave	6270 205350	13197 257947	32598	70221	137473	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	25020 643077	47860 802482	115846	234948	431765	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylphenol	DCB	Ave	10536 288000	20469 359571	50614	102097	187130	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acetophenone	DCB	Ave	16547 477562	31405 611043	78820	162784	304559	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	9670 281096	18586 350416	45524	95153	182376	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Methylphenol, 3 & 4	DCB	Ave	11013 311500	21244 373321	53831	110811	206674	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachloroethane	DCB	Ave	5933 171740	11275 213649	28003	58797	112237	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene	NPT	Ave	14697 413465	27707 527412	68363	142528	269084	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Isophorone	NPT	Ave	24961 745283	47405 953397	119153	246213	468638	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitrophenol	NPT	Ave	6516 196515	12797 244688	32370	67259	126232	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dimethylphenol	NPT	Ave	10809 299364	20784 372000	51213	106308	197192	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethoxy)methane	NPT	Ave	15559 442402	30128 555894	73312	151806	285601	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dichlorophenol	NPT	Ave	9716 275723	18977 345447	48100	98032	180847	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzoic acid	NPT	Qua	8479 219702	20942 276612	69585	83744	125053	2.00 60.0	10.0 80.0	25.0	30.0	40.0
1,2,4-Trichlorobenzene	NPT	Ave	11569 311704	21968 383868	54824	110733	206832	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Naphthalene	NPT	Ave	37516 1001300	71652 1252868	177304	357435	665795	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloroaniline	NPT	Ave	12519 420902	27943 523990	71884	149515	274820	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobutadiene	NPT	Ave	6925 192124	12933 243040	31867	66734	124810	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Caprolactam	NPT	Ave	2717 103915	5780 121085	15561	34020	67906	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloro-3-methylphenol	NPT	Ave	11739 330545	21998 416046	55048	114743	219324	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,5-Trichlorotoluene	DCB	Ave	10903 312555	21250 394351	52402	108513	201530	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylnaphthalene	NPT	Ave	24673 667252	49017 831257	121523	244589	444164	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorocyclopentadiene	ANT	Ave	5376 218584	11970 269730	33331	73451	143400	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	5670 142586	11007 177437	25526	52150	94819	2.00 60.0	5.00 80.0	10.0	25.0	40.0
2,4,6-Trichlorophenol	ANT	Ave	7195 205832	14364 259399	35103	71855	134397	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,5-Trichlorophenol	ANT	Ave	18138 218845	35626 274851	89684	110849	144462	5.00 60.0	10.0 80.0	25.0	30.0	40.0
1,1'-Biphenyl	ANT	Ave	32769 764870	62569 924379	152098	303731	535896	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chloronaphthalene	ANT	Ave	24950 603559	47238 741897	116642	233360	414188	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitroaniline	ANT	Ave	8959 271901	17486 344701	44920	92019	176066	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dimethyl phthalate	ANT	Ave	27704 801604	53334 1016300	132378	274102	519632	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,6-Dinitrotoluene	ANT	Ave	6582 190461	12183 240889	31486	65617	124302	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthylene	ANT	Ave	39684 1071354	77272 1330709	188694	387065	714096	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3-Nitroaniline	ANT	Ave	6683 207004	13296 258693	34709	72083	135021	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthene	ANT	Ave	25984 703242	50907 876781	126289	255522	470692	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrophenol	ANT	Lin	+++++ 130432	13623 170709	43977	57618	78427	+++++ 60.0	10.0 80.0	25.0	30.0	40.0
4-Nitrophenol	ANT	Ave	8784 135820	18532 173298	48345	61726	86502	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Dibenzofuran	ANT	Ave	35523 923514	68840 1118292	167903	339799	622668	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	8821 253660	17152 318869	42883	88306	167803	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	6338 186071	12500 232141	31532	64974	122690	2.00 60.0	5.00 80.0	10.0	25.0	40.0
Diethyl phthalate	ANT	Ave	28111 835693	55170 1050051	138374	288381	545762	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluorene	ANT	Ave	29009 770737	57100 937811	142601	287984	527708	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chlorophenyl phenyl ether	ANT	Ave	14353 375886	27946 452138	68470	140891	258303	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Nitroaniline	ANT	Ave	6299 212777	12720 272777	33245	71026	137932	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4,6-Dinitro-2-methylphenol	PHN	Ave	10707 176362	23893 225540	66104	84209	111142	5.00 60.0	10.0 80.0	25.0	30.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	19978 570330	39037 713368	96656	200221	376295	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Diphenylhydrazine	PHN	Ave	35180 986687	69506 1233936	169779	349756	654395	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Bromophenyl phenyl ether	PHN	Ave	8031 228713	15429 285920	39208	80941	152968	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobenzene	PHN	Ave	9379 257018	17747 317525	43629	88808	169020	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Simazine	PHN	Ave	4610 154054	8937 199143	23261	48006	93785	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Atrazine	PHN	Ave	7232 252642	14613 320660	37919	77973	162758	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pentachlorophenol	PHN	Ave	8665 154392	20613 200094	57788	73534	99573	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Pentachloronitrobenzene	PHN	Ave	3671 111499	7707 142357	19081	38126	72232	2.00 60.0	4.00 80.0	10.0	25.0	40.0
Phenanthrene	PHN	Ave	44704 1218887	85620 1509662	213195	433542	814473	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Anthracene	PHN	Ave	45288 1257213	88398 1556217	218016	448041	841498	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Carbazole	PHN	Ave	39076 1122649	77083 1407635	190966	395877	745836	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-butyl phthalate	PHN	Ave	50371 1489934	100622 1853764	252294	523828	990164	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluoranthene	PHN	Ave	46842 1378826	92898 1726302	232940	484124	910990	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzidine	CRY	Lin	3849 360331	11451 418379	48031	116491	235091	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyrene	CRY	Ave	48506 1396498	94627 1753832	239028	492927	927191	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dimethylbenzidine	CRY	Qua	7171 286563	9854 325667	31361	89172	210066	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Butyl benzyl phthalate	CRY	Ave	18813 648862	39165 815706	102301	221356	424525	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3,3'-Dichlorobenzidine	CRY	Ave	11394 358661	22012 426889	56919	126498	246482	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]anthracene	CRY	Ave	43485 1261260	85188 1550796	213137	451724	847595	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Chrysene	CRY	Ave	41978 1199655	83281 1441292	205397	435151	815626	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-ethylhexyl) phthalate	CRY	Ave	23691 824869	46280 1019922	122471	272465	529883	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-octyl phthalate	PRY	Qua	22693 1092051	47534 1372202	139135	333885	671074	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[b]fluoranthene	PRY	Ave	35963 975960	70670 1103432	180942	386716	679391	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1 Analy Batch No.: 50284

SDG No.:

Instrument ID: MSZ GC Column: RXi-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/29/2011 08:18 Calibration End Date: 04/29/2011 11:06 Calibration ID: 10509

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzo[k]fluoranthene	PRY	Ave	35739 961595	72004 1109249	187717	391482	689171	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]pyrene	PRY	Ave	29499 729847	59562 801269	152196	322468	538598	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Indeno[1,2,3-cd]pyrene	PRY	Ave	21295 326307	42218 +++++	108324	202422	262094	2.00 60.0	4.00 +++++	10.0	20.0	40.0
Dibenz(a,h)anthracene	PRY	Ave	17703 322222	36990 382174	97781	191440	260126	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[g,h,i]perylene	PRY	Lin	20227 303014	42713 368285	104010	189447	234793	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorophenol	DCB	Ave	8518 268089	17063 338387	42040	88569	171014	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol-d5	DCB	Ave	12545 374158	25075 473730	61936	128086	242626	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene-d5	NPT	Ave	13663 411693	26689 528413	66465	138582	264584	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorobiphenyl	ANT	Ave	26987 714697	52101 896534	127065	260401	477412	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,6-Tribromophenol	ANT	Ave	10977 130830	21880 164843	54554	66740	87404	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Terphenyl-d14	CRY	Ave	32407 939262	63402 1162547	159114	332957	625787	2.00 60.0	4.00 80.0	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\Z19810.D
Lab Smp Id: ICIS-605031 Client Smp ID: ICIS-605031
Inj Date : 29-APR-2011 08:18
Operator : S.Jonas Inst ID: msz.i
Smp Info : ICIS-605031
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\MSZ-8270C.m
Meth Date : 02-May-2011 07:58 msz.i Quant Type: ISTD
Cal Date : 29-APR-2011 13:50 Cal File: Za19822.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.668	4.668	(1.000)	71441	20.0000	
$ 2	2-Fluorophenol	112	3.217	3.217	(0.689)	171014	40.0000	40
$ 3	Phenol-d5	99	4.361	4.361	(0.934)	242626	40.0000	40
4	Pyridine	52	1.464	1.464	(0.314)	87886	40.0000	40
5	N-Nitrosodimethylamine	42	1.458	1.458	(0.312)	68955	40.0000	40
6	Cyclohexanone	42	3.428	3.428	(0.734)	163351	40.0000	40
128	Benzaldehyde	77	4.184	4.184	(0.896)	48287	40.0000	69
7	Phenol	94	4.376	4.376	(0.937)	254487	40.0000	39
8	Aniline	93	4.323	4.323	(0.926)	310736	40.0000	40
9	bis(2-Chloroethyl)ether	63	4.426	4.426	(0.948)	206294	40.0000	39
10	2-Chlorophenol	128	4.448	4.448	(0.953)	208260	40.0000	39
11	1,3-Dichlorobenzene	146	4.603	4.603	(0.986)	227180	40.0000	39
12	1,4-Dichlorobenzene	146	4.687	4.687	(1.004)	231879	40.0000	40
13	Benzyl alcohol	108	4.861	4.861	(1.041)	137473	40.0000	42
14	1,2-Dichlorobenzene	146	4.849	4.849	(1.039)	213389	40.0000	38
15	2,2'-oxybis(1-Chloropropane)	45	5.007	5.007	(1.073)	431765	40.0000	38
16	2-Methylphenol	108	5.013	5.013	(1.074)	187130	40.0000	38
92	Acetophenone	105	5.128	5.128	(1.099)	304559	40.0000	39
17	Hexachloroethane	117	5.203	5.203	(1.114)	112237	40.0000	40
18	N-Nitroso-di-n-propylamine	70	5.156	5.156	(1.105)	182376	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.181	5.181	(1.110)	206674	40.0000	40
*	20 Naphthalene-d8	136	6.030	6.030	(1.000)	336428	20.0000	
$	21 Nitrobenzene-d5	82	5.278	5.278	(0.875)	264584	40.0000	40
	22 Nitrobenzene	77	5.299	5.299	(0.879)	269084	40.0000	40
	23 Isophorone	82	5.567	5.567	(0.923)	468638	40.0000	40
	24 2-Nitrophenol	139	5.638	5.638	(0.935)	126232	40.0000	40
	25 2,4-Dimethylphenol	122	5.735	5.735	(0.951)	197192	40.0000	40
	26 Benzoic Acid	122	5.921	5.921	(0.982)	125053	40.0000	40(M)
	27 Bis(2-Chloroethoxy)methane	93	5.825	5.825	(0.966)	285601	40.0000	40
	28 2,4-Dichlorophenol	162	5.909	5.909	(0.980)	180847	40.0000	40
	29 1,2,4-Trichlorobenzene	180	5.980	5.980	(0.992)	206832	40.0000	40
	30 Naphthalene	128	6.052	6.052	(1.004)	665795	40.0000	39
	31 4-Chloroaniline	127	6.136	6.136	(1.018)	274820	40.0000	41
	32 Hexachlorobutadiene	225	6.210	6.210	(1.030)	124810	40.0000	40
	129 Caprolactam	113	6.555	6.555	(1.087)	67906	40.0000	44(M)
	33 4-Chloro-3-methylphenol	107	6.689	6.689	(1.109)	219324	40.0000	40
	34 2-Methylnaphthalene	142	6.794	6.794	(1.127)	444164	40.0000	39
*	35 Acenaphthene-d10	164	7.885	7.885	(1.000)	213874	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.757	6.757	(1.447)	201530	40.0000	39
	37 Hexachlorocyclopentadiene	237	6.972	6.972	(0.884)	143400	40.0000	44
	38 2,4,6-Trichlorophenol	196	7.108	7.108	(0.901)	134397	40.0000	40
	39 2,4,5-Trichlorophenol	196	7.149	7.149	(0.907)	144462	40.0000	42
$	40 2-Fluorobiphenyl	172	7.195	7.195	(0.913)	477412	40.0000	40
	130 1,1'-Biphenyl	154	7.295	7.295	(0.925)	535896	40.0000	39
	41 2-Chloronaphthalene	162	7.301	7.301	(0.926)	414188	40.0000	39
	42 2-Nitroaniline	65	7.425	7.425	(0.942)	176066	40.0000	41
	43 Acenaphthylene	152	7.733	7.733	(0.981)	714096	40.0000	40
	44 Dimethylphthalate	163	7.643	7.643	(0.969)	519632	40.0000	40
	45 2,6-Dinitrotoluene	165	7.693	7.693	(0.976)	124302	40.0000	41
	46 Acenaphthene	153	7.920	7.920	(1.004)	470692	40.0000	40
	47 3-Nitroaniline	138	7.867	7.867	(0.998)	135021	40.0000	41
	48 2,4-Dinitrophenol	184	7.972	7.972	(1.011)	78427	40.0000	39
	49 Dibenzofuran	168	8.103	8.103	(1.028)	622668	40.0000	40
	50 2,4-Dinitrotoluene	165	8.115	8.115	(1.029)	167803	40.0000	41
	51 4-Nitrophenol	109	8.081	8.081	(1.025)	86502	40.0000	44
	52 Fluorene	166	8.463	8.463	(1.073)	527708	40.0000	40
	53 4-Chlorophenyl-phenylether	204	8.479	8.479	(1.075)	258303	40.0000	40
	54 Diethylphthalate	149	8.389	8.389	(1.064)	545762	40.0000	41
	55 4-Nitroaniline	138	8.516	8.516	(1.080)	137932	40.0000	42
$	56 2,4,6-Tribromophenol	330	8.721	8.721	(1.106)	87404	40.0000	42
*	57 Phenanthrene-d10	188	9.443	9.443	(1.000)	377179	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.547	8.547	(0.905)	111142	40.0000	43
	59 N-Nitrosodiphenylamine (1)	169	8.613	8.613	(0.912)	376295	40.0000	40
	60 1,2-Diphenylhydrazine	77	8.647	8.647	(0.916)	654395	40.0000	40
	61 4-Bromophenyl-phenylether	248	8.989	8.989	(0.952)	152968	40.0000	41
	131 Atrazine	200	9.200	9.200	(0.974)	162758	40.0000	43
	62 Hexachlorobenzene	284	9.051	9.051	(0.959)	169020	40.0000	40
	63 Pentachlorophenol	266	9.265	9.265	(0.981)	99573	40.0000	44
	64 Phenanthrene	178	9.474	9.474	(1.003)	814473	40.0000	40
	65 Carbazole	167	9.707	9.707	(1.028)	745836	40.0000	41
	66 Anthracene	178	9.526	9.526	(1.009)	841498	40.0000	40
	67 Di-n-butylphthalate	149	10.101	10.101	(1.070)	990164	40.0000	41
	68 Fluoranthene	202	10.723	10.723	(1.136)	910990	40.0000	41
*	70 Chrysene-d12	240	12.280	12.280	(1.000)	412695	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.872	10.872	(0.885)	235091	40.0000	42
72	Pyrene	202	10.956	10.956	(0.892)	927191	40.0000	40
$ 73	Terphenyl-d14	244	11.140	11.140	(0.907)	625787	40.0000	40
74	Butylbenzylphthalate	149	11.665	11.665	(0.950)	424525	40.0000	42
124	3,3'-Dimethylbenzidine	212	11.637	11.637	(0.948)	210066	40.0000	42
75	3,3'-Dichlorobenzidine	252	12.249	12.249	(0.997)	246482	40.0000	43
76	Benzo(a)anthracene	228	12.265	12.265	(0.999)	847595	40.0000	41
77	Chrysene	228	12.314	12.314	(1.003)	815626	40.0000	41
78	Bis(2-Ethylhexyl)phthalate	149	12.333	12.333	(1.004)	529883	40.0000	42
* 79	Perylene-d12	264	14.341	14.341	(1.000)	297649	20.0000	
80	Di-n-octylphthalate	149	13.203	13.203	(0.921)	671074	40.0000	39
81	Benzo(b)fluoranthene	252	13.738	13.738	(0.958)	679391	40.0000	42
82	Benzo(k)fluoranthene	252	13.785	13.785	(0.961)	689171	40.0000	42
83	Benzo(a)pyrene	252	14.251	14.251	(0.994)	538598	40.0000	42
84	Indeno(1,2,3-cd)pyrene	276	16.259	16.259	(1.134)	262094	40.0000	34
85	Dibenzo(a,h)anthracene	278	16.308	16.308	(1.137)	260126	40.0000	37
86	Benzo(g,h,i)perylene	276	16.765	16.765	(1.169)	234793	40.0000	38
167	Simazine	201	9.172	9.172	(0.971)	93785	40.0000	41
103	1,2,4,5-Tetrachlorobenzene	216	6.975	6.975	(0.885)	94819	40.0000	41
109	2,3,4,6-Tetrachlorophenol	232	8.249	8.249	(1.046)	122690	40.0000	43
119	Pentachloronitrobenzene	237	9.281	9.281	(0.983)	72232	40.0000	41

QC Flag Legend

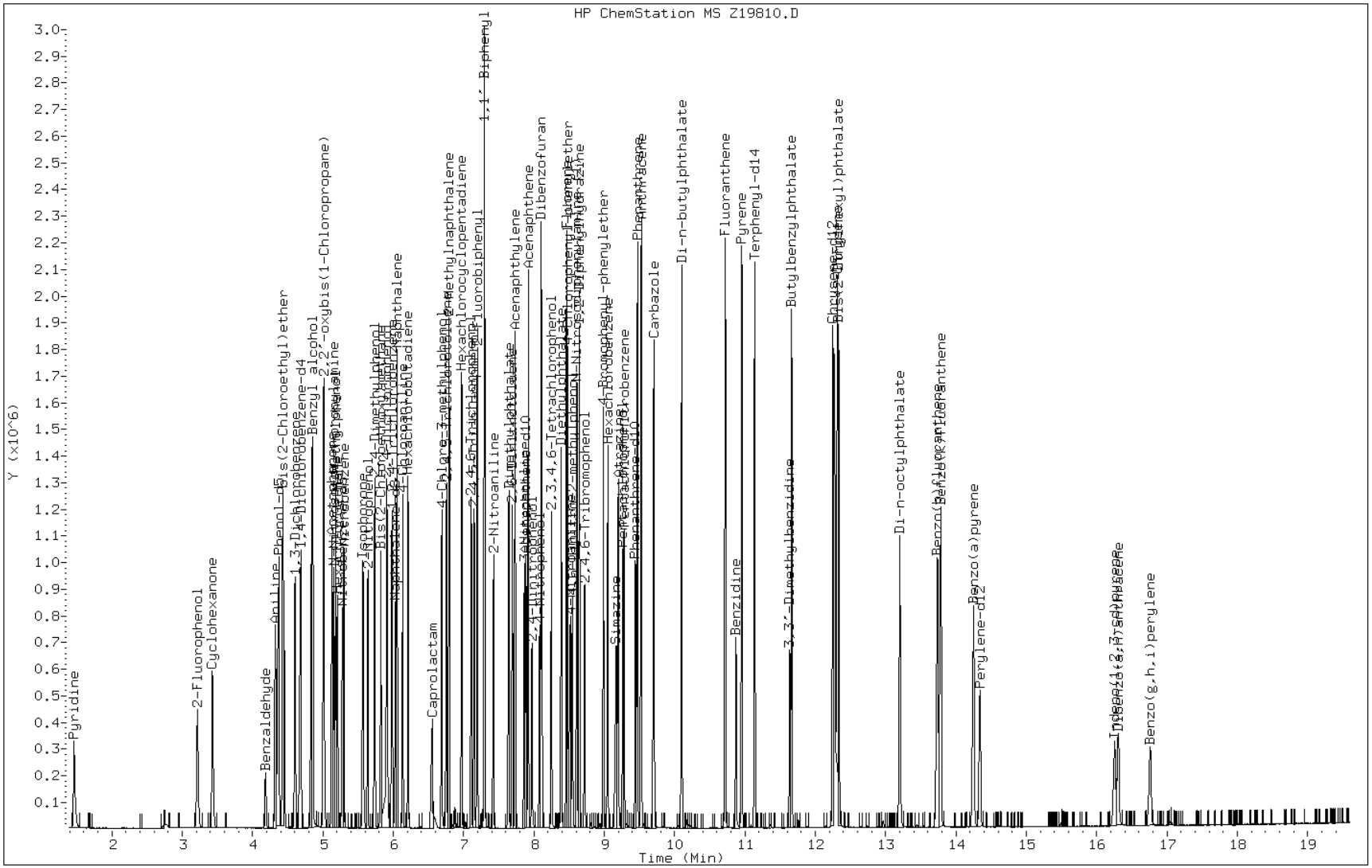
M - Compound response manually integrated.

Data File: Z19810.D

Date: 29-APR-2011 08:18

Client ID: ICIS-605031 Instrument: msz.i

Sample Info: ICIS-605031 Operator: S.Jonas



Manual Integration Report

Data File: Z19810.D
Inj. Date and Time: 29-APR-2011 08:18
Instrument ID: msz.i
Client ID: ICIS-605031
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/02/2011

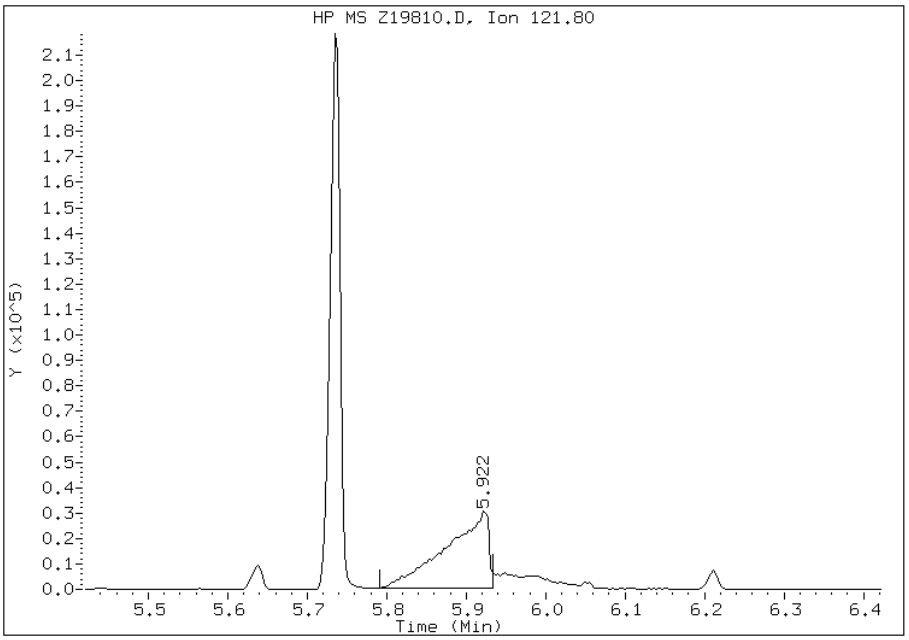
Processing Integration Results

RT: 5.92

Response: 110947

Amount: 40

Conc: 40



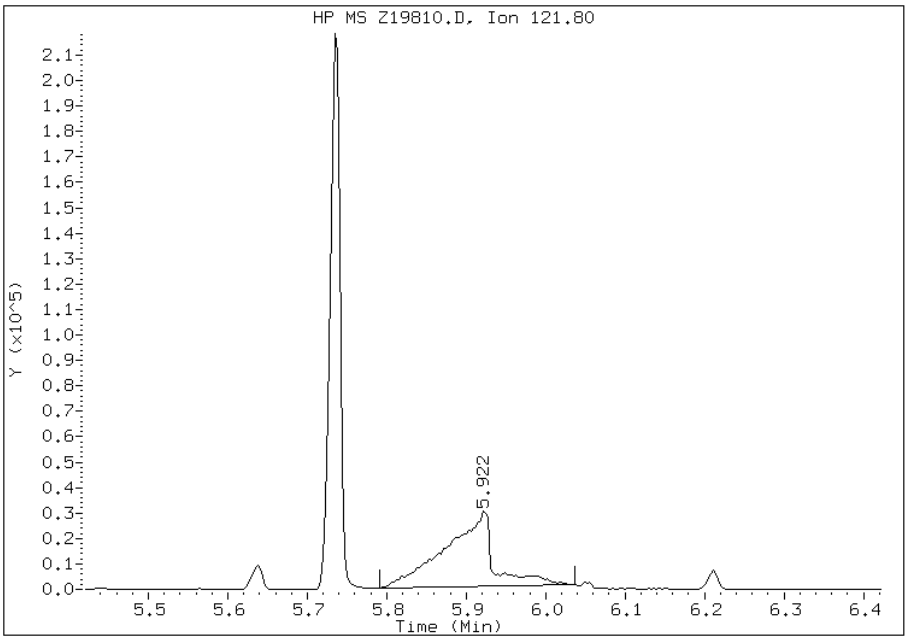
Manual Integration Results

RT: 5.92

Response: 125053

Amount: 40

Conc: 40



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19810.D
Inj. Date and Time: 29-APR-2011 08:18
Instrument ID: msz.i
Client ID: ICIS-605031
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/02/2011

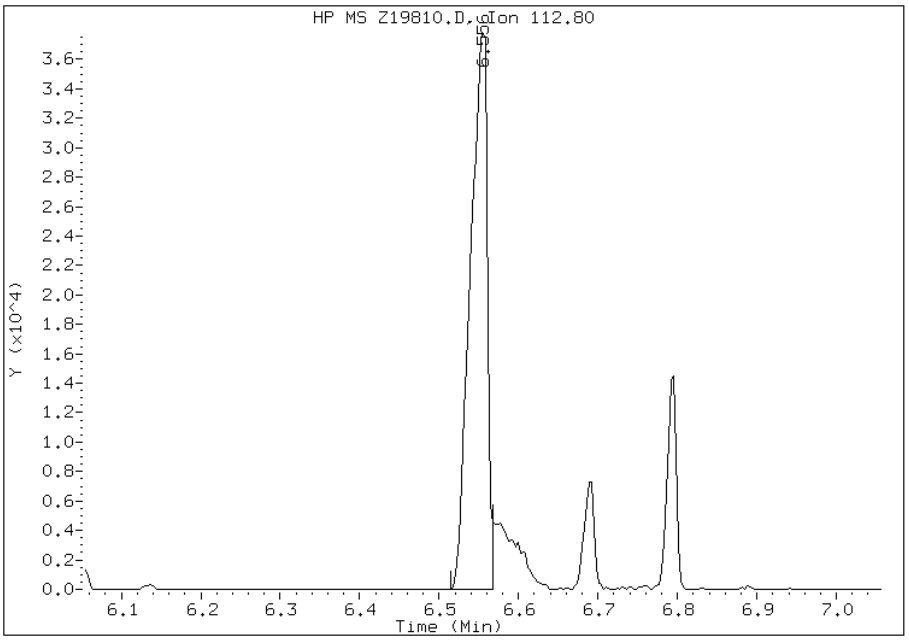
Processing Integration Results

RT: 6.56

Response: 58396

Amount: 40

Conc: 40



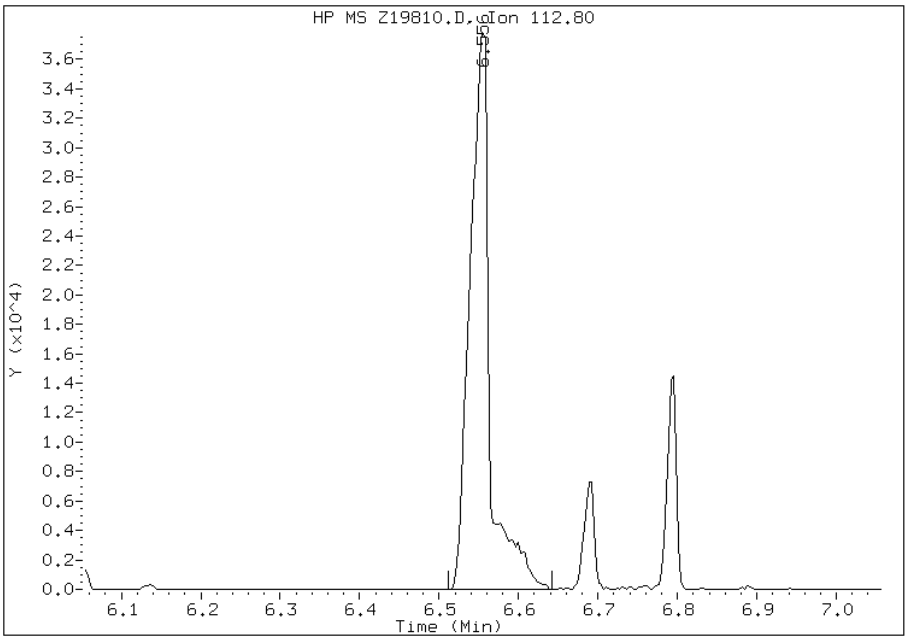
Manual Integration Results

RT: 6.56

Response: 67906

Amount: 44

Conc: 44



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\Z19811.D
Lab Smp Id: IC-605839 Client Smp ID: IC-605839
Inj Date : 29-APR-2011 08:48
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-605839
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\MSZ-8270C.m
Meth Date : 02-May-2011 07:58 msz.i Quant Type: ISTD
Cal Date : 29-APR-2011 11:33 Cal File: Za19817.D
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.665	4.665	(1.000)	73286	20.0000	
$ 2	2-Fluorophenol	112	3.217	3.217	(0.690)	8518	2.00000	2
$ 3	Phenol-d5	99	4.345	4.345	(0.931)	12545	2.00000	2
5	N-Nitrosodimethylamine	42	1.464	1.464	(0.314)	3870	2.00000	2(M)
6	Cyclohexanone	42	3.431	3.431	(0.736)	8909	2.00000	2
128	Benzaldehyde	77	4.190	4.190	(0.898)	1166	2.00000	2(M)
7	Phenol	94	4.358	4.358	(0.934)	13810	2.00000	2
8	Aniline	93	4.317	4.317	(0.925)	14523	2.00000	2
9	bis(2-Chloroethyl)ether	63	4.417	4.417	(0.947)	10647	2.00000	2
10	2-Chlorophenol	128	4.442	4.442	(0.952)	11204	2.00000	2
11	1,3-Dichlorobenzene	146	4.600	4.600	(0.986)	12257	2.00000	2
12	1,4-Dichlorobenzene	146	4.684	4.684	(1.004)	12734	2.00000	2
13	Benzyl alcohol	108	4.849	4.849	(1.039)	6270	2.00000	2
14	1,2-Dichlorobenzene	146	4.846	4.846	(1.039)	12377	2.00000	2
15	2,2'-oxybis(1-Chloropropane)	45	5.004	5.004	(1.073)	25020	2.00000	2
16	2-Methylphenol	108	5.001	5.001	(1.072)	10536	2.00000	2
92	Acetophenone	105	5.116	5.116	(1.097)	16547	2.00000	2
17	Hexachloroethane	117	5.203	5.203	(1.115)	5933	2.00000	2
18	N-Nitroso-di-n-propylamine	70	5.138	5.138	(1.101)	9670	2.00000	2
19	4-Methylphenol	108	5.169	5.169	(1.108)	11013	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
*	20 Naphthalene-d8	136	6.027	6.027	(1.000)	351896	20.0000	
$	21 Nitrobenzene-d5	82	5.268	5.268	(0.874)	13663	2.00000	2
	22 Nitrobenzene	77	5.287	5.287	(0.877)	14697	2.00000	2
	23 Isophorone	82	5.554	5.554	(0.922)	24961	2.00000	2
	24 2-Nitrophenol	139	5.632	5.632	(0.935)	6516	2.00000	2
	25 2,4-Dimethylphenol	122	5.725	5.725	(0.950)	10809	2.00000	2
	26 Benzoic Acid	122	5.828	5.828	(0.967)	8479	2.00000	5(M)
	27 Bis(2-Chloroethoxy)methane	93	5.812	5.812	(0.964)	15559	2.00000	2
	28 2,4-Dichlorophenol	162	5.899	5.899	(0.979)	9716	2.00000	2
	29 1,2,4-Trichlorobenzene	180	5.977	5.977	(0.992)	11569	2.00000	2
	30 Naphthalene	128	6.045	6.045	(1.003)	37516	2.00000	2
	31 4-Chloroaniline	127	6.129	6.129	(1.017)	12519	2.00000	2
	32 Hexachlorobutadiene	225	6.207	6.207	(1.030)	6925	2.00000	2
	129 Caprolactam	113	6.465	6.465	(1.073)	2717	2.00000	2
	33 4-Chloro-3-methylphenol	107	6.673	6.673	(1.107)	11739	2.00000	2
	34 2-Methylnaphthalene	142	6.785	6.785	(1.126)	24673	2.00000	2
*	35 Acenaphthene-d10	164	7.882	7.882	(1.000)	228251	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.751	6.751	(1.447)	10903	2.00000	2
	37 Hexachlorocyclopentadiene	237	6.968	6.968	(0.884)	5376	2.00000	2
	38 2,4,6-Trichlorophenol	196	7.099	7.099	(0.901)	7195	2.00000	2
	39 2,4,5-Trichlorophenol	196	7.136	7.136	(0.905)	18138	5.00000	5
$	40 2-Fluorobiphenyl	172	7.189	7.189	(0.912)	26987	2.00000	2
	130 1,1'-Biphenyl	154	7.285	7.285	(0.924)	32769	2.00000	2
	41 2-Chloronaphthalene	162	7.292	7.292	(0.925)	24950	2.00000	2
	42 2-Nitroaniline	65	7.416	7.416	(0.941)	8959	2.00000	2
	43 Acenaphthylene	152	7.724	7.724	(0.980)	39684	2.00000	2
	44 Dimethylphthalate	163	7.627	7.627	(0.968)	27704	2.00000	2
	45 2,6-Dinitrotoluene	165	7.677	7.677	(0.974)	6582	2.00000	2
	46 Acenaphthene	153	7.910	7.910	(1.004)	25984	2.00000	2
	47 3-Nitroaniline	138	7.848	7.848	(0.996)	6683	2.00000	2
	48 2,4-Dinitrophenol	184	7.960	7.960	(1.010)	5104	5.00000	8
	49 Dibenzofuran	168	8.097	8.097	(1.027)	35523	2.00000	2
	50 2,4-Dinitrotoluene	165	8.100	8.100	(1.028)	8821	2.00000	2
	51 4-Nitrophenol	109	8.062	8.062	(1.023)	8784	5.00000	4
	52 Fluorene	166	8.454	8.454	(1.073)	29009	2.00000	2
	53 4-Chlorophenyl-phenylether	204	8.473	8.473	(1.075)	14353	2.00000	2
	54 Diethylphthalate	149	8.373	8.373	(1.062)	28111	2.00000	2
	55 4-Nitroaniline	138	8.485	8.485	(1.076)	6299	2.00000	2
$	56 2,4,6-Tribromophenol	330	8.712	8.712	(1.105)	10977	5.00000	5
*	57 Phenanthrene-d10	188	9.439	9.439	(1.000)	394768	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.526	8.526	(0.903)	10707	5.00000	4
	59 N-Nitrosodiphenylamine (1)	169	8.597	8.597	(0.911)	19978	2.00000	2
	60 1,2-Diphenylhydrazine	77	8.637	8.637	(0.915)	35180	2.00000	2
	61 4-Bromophenyl-phenylether	248	8.982	8.982	(0.952)	8031	2.00000	2
	131 Atrazine	200	9.175	9.175	(0.972)	7232	2.00000	2
	62 Hexachlorobenzene	284	9.042	9.042	(0.958)	9379	2.00000	2
	63 Pentachlorophenol	266	9.256	9.256	(0.981)	8665	5.00000	4
	64 Phenanthrene	178	9.461	9.461	(1.002)	44704	2.00000	2
	65 Carbazole	167	9.694	9.694	(1.027)	39076	2.00000	2
	66 Anthracene	178	9.514	9.514	(1.008)	45288	2.00000	2
	67 Di-n-butylphthalate	149	10.095	10.095	(1.069)	50371	2.00000	2
	68 Fluoranthene	202	10.711	10.711	(1.135)	46842	2.00000	2
*	70 Chrysene-d12	240	12.271	12.271	(1.000)	424356	20.0000	
	72 Pyrene	202	10.947	10.947	(0.892)	48506	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
$	73 Terphenyl-d14	244	11.130	11.130	(0.907)	32407	2.00000	2
	74 Butylbenzylphthalate	149	11.659	11.659	(0.950)	18813	2.00000	2
	75 3,3'-Dichlorobenzidine	252	12.237	12.237	(0.997)	11394	2.00000	2
	76 Benzo(a)anthracene	228	12.252	12.252	(0.998)	43485	2.00000	2
	77 Chrysene	228	12.296	12.296	(1.002)	41978	2.00000	2
	78 Bis(2-Ethylhexyl)phthalate	149	12.330	12.330	(1.005)	23691	2.00000	2
*	79 Perylene-d12	264	14.341	14.341	(1.000)	365958	20.0000	
	80 Di-n-octylphthalate	149	13.194	13.194	(0.920)	22693	2.00000	4(M)
	81 Benzo(b)fluoranthene	252	13.716	13.716	(0.956)	35963	2.00000	2
	82 Benzo(k)fluoranthene	252	13.760	13.760	(0.959)	35739	2.00000	2
	83 Benzo(a)pyrene	252	14.232	14.232	(0.992)	29499	2.00000	2
	84 Indeno(1,2,3-cd)pyrene	276	16.243	16.243	(1.133)	21295	2.00000	2(M)
	85 Dibenzo(a,h)anthracene	278	16.296	16.296	(1.136)	17703	2.00000	2(M)
	86 Benzo(g,h,i)perylene	276	16.747	16.747	(1.168)	20227	2.00000	0.5(M)
	167 Simazine	201	9.141	9.141	(0.968)	4610	2.00000	2
	103 1,2,4,5-Tetrachlorobenzene	216	6.968	6.968	(0.884)	5670	2.00000	2
	109 2,3,4,6-Tetrachlorophenol	232	8.240	8.240	(1.045)	6338	2.00000	2
	119 Pentachloronitrobenzene	237	9.268	9.268	(0.982)	3671	2.00000	2

QC Flag Legend

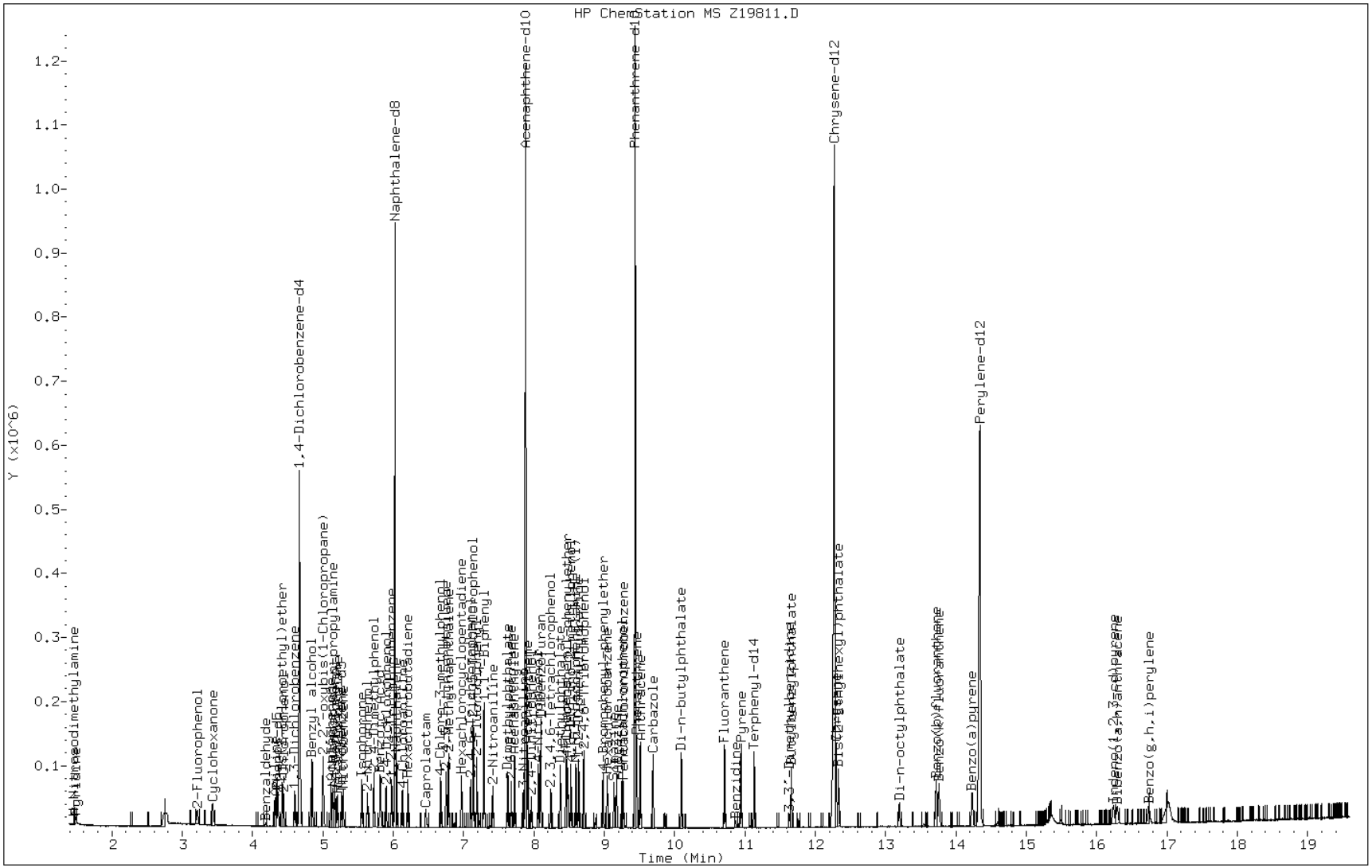
M - Compound response manually integrated.

Data File: Z19811.D

Date: 29-APR-2011 08:48

Client ID: IC-605839 Instrument: msz.i

Sample Info: IC-605839 Operator: S.Jonas



Manual Integration Report

Data File: Z19811.D
Inj. Date and Time: 29-APR-2011 08:48
Instrument ID: msz.i
Client ID: IC-605839
Compound: 5 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/02/2011

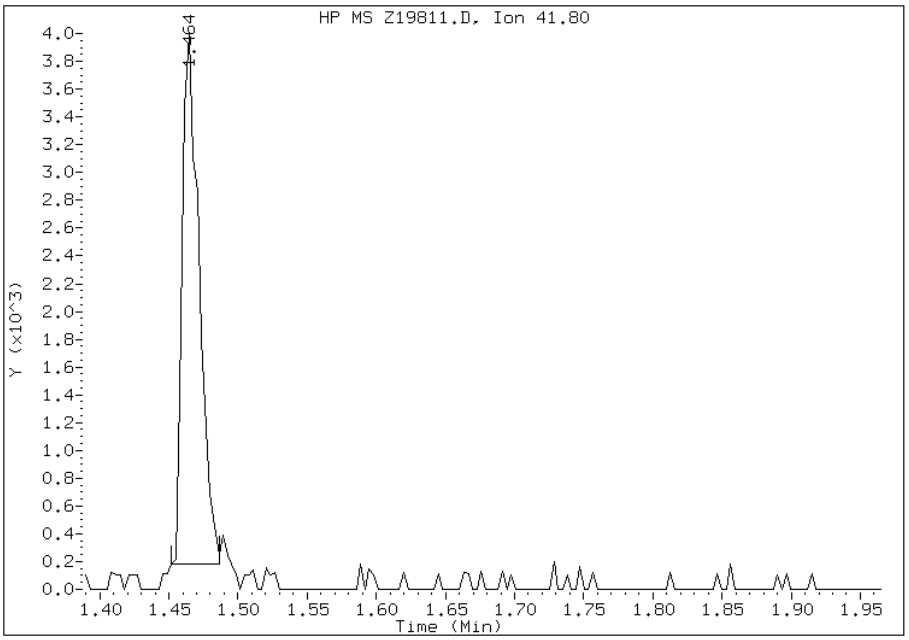
Processing Integration Results

RT: 1.46

Response: 3250

Amount: 2

Conc: 2



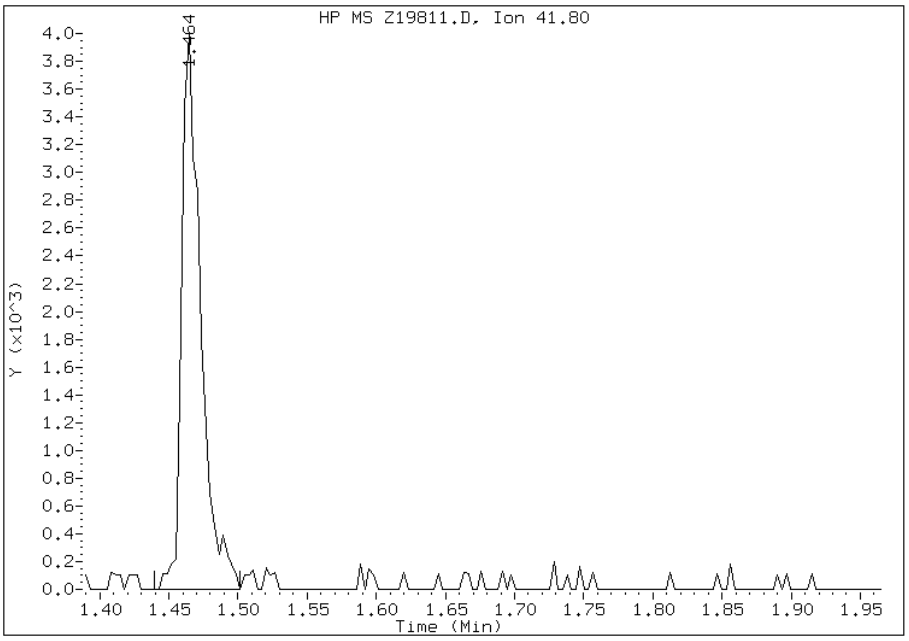
Manual Integration Results

RT: 1.46

Response: 3870

Amount: 2

Conc: 2



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19811.D
Inj. Date and Time: 29-APR-2011 08:48
Instrument ID: msz.i
Client ID: IC-605839
Compound: 86 Benzo(g,h,i)perylene
CAS #: 191-24-2
Report Date: 05/02/2011

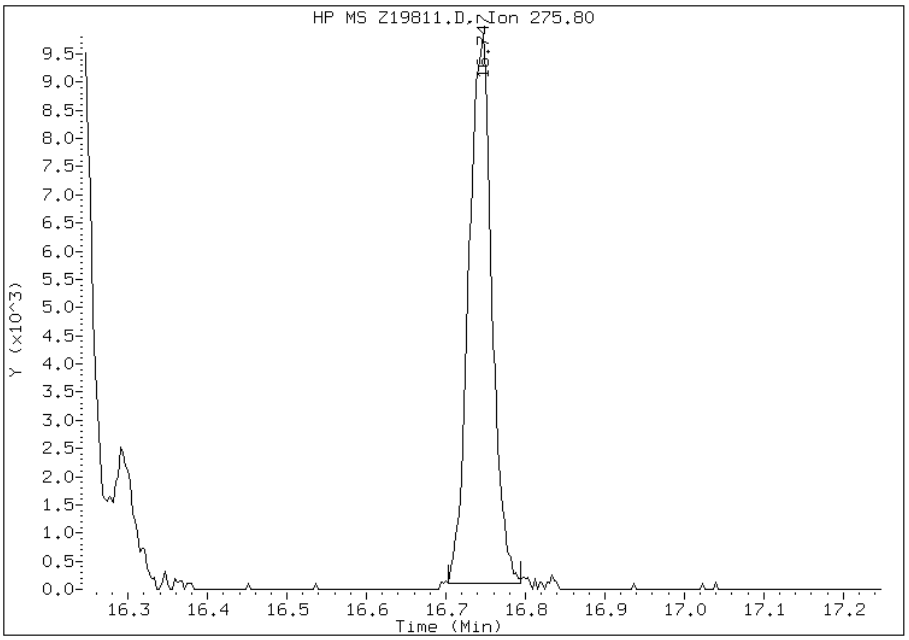
Processing Integration Results

RT: 16.75

Response: 20227

Amount: 2

Conc: 2



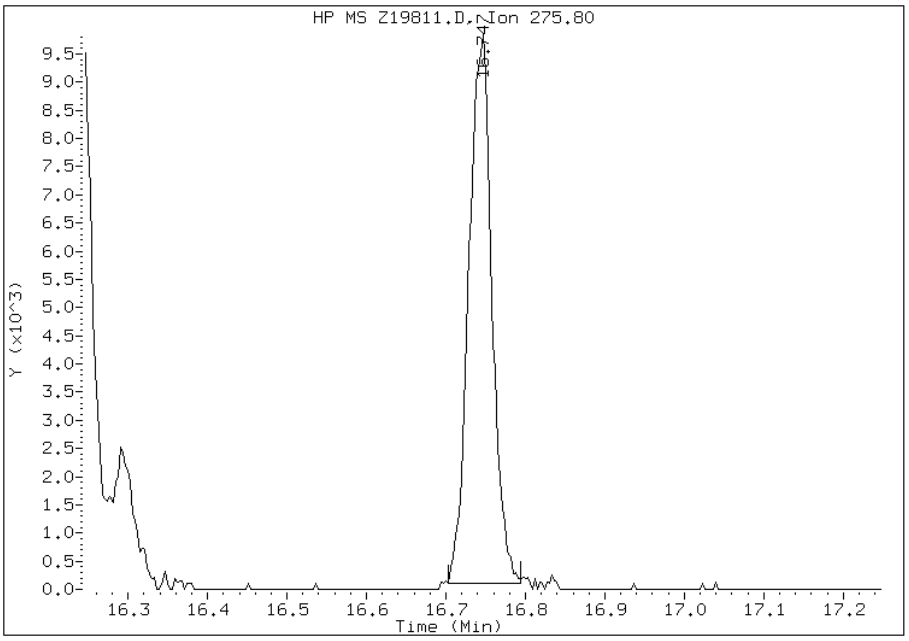
Manual Integration Results

RT: 16.75

Response: 20227

Amount: 1

Conc: 1



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19811.D
Inj. Date and Time: 29-APR-2011 08:48
Instrument ID: msz.i
Client ID: IC-605839
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/02/2011

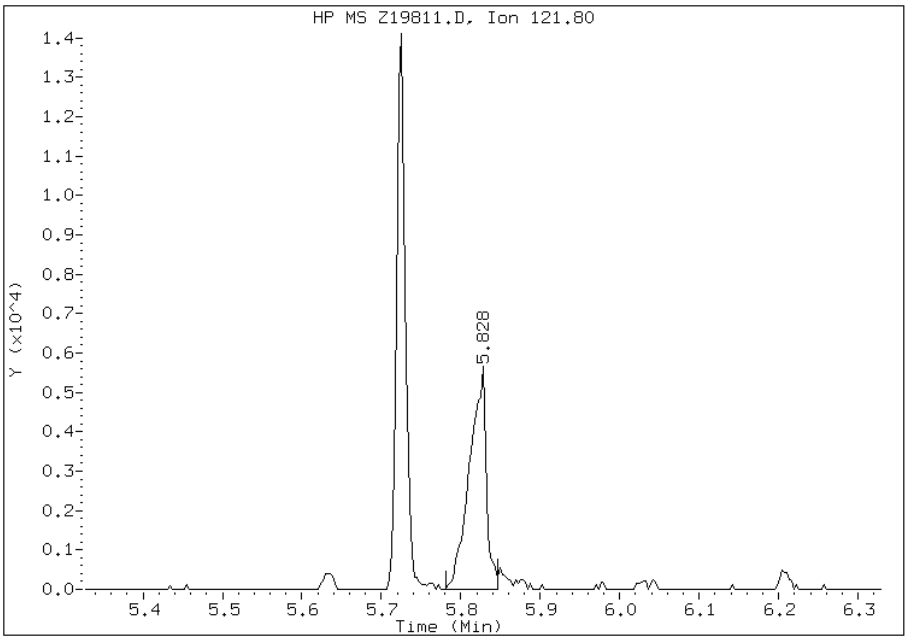
Processing Integration Results

RT: 5.83

Response: 8479

Amount: 3

Conc: 3



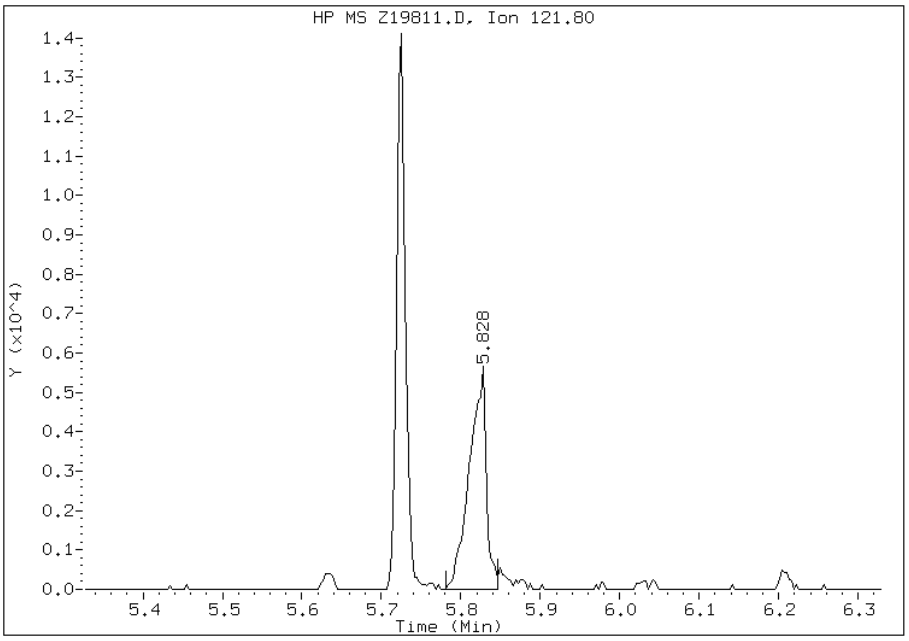
Manual Integration Results

RT: 5.83

Response: 8479

Amount: 5

Conc: 5



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

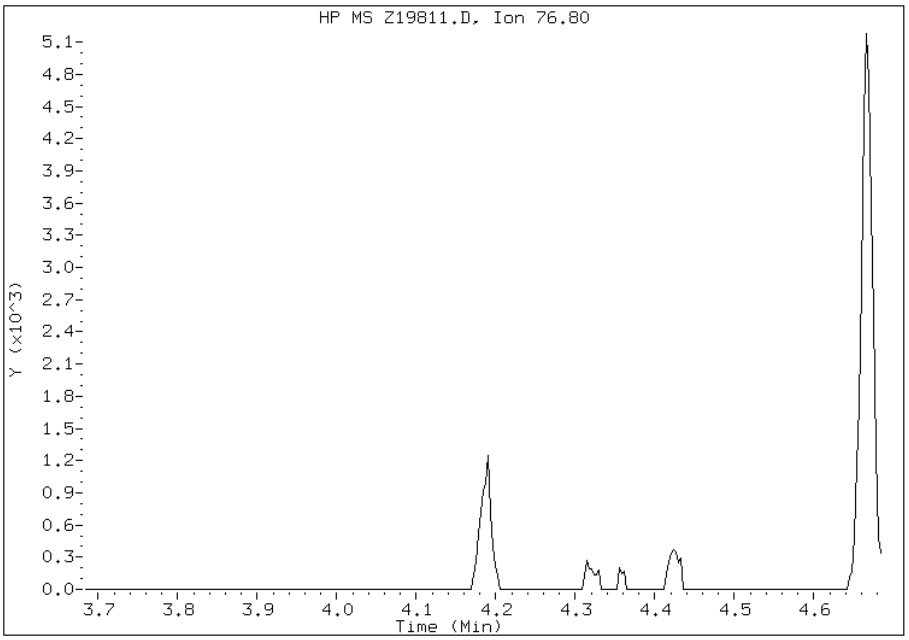
Manual Integration Report

Data File: Z19811.D
Inj. Date and Time: 29-APR-2011 08:48
Instrument ID: msz.i
Client ID: IC-605839
Compound: 128 Benzaldehyde
CAS #: 100-52-7
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 4.18



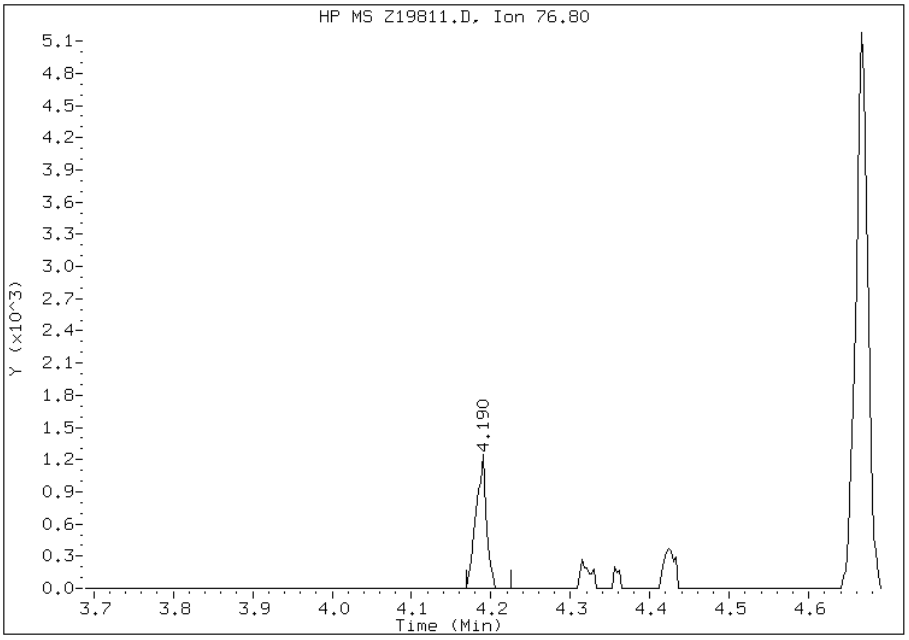
Manual Integration Results

RT: 4.19

Response: 1166

Amount: 2

Conc: 2



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak identification

Manual Integration Report

Data File: Z19811.D
Inj. Date and Time: 29-APR-2011 08:48
Instrument ID: msz.i
Client ID: IC-605839
Compound: 84 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/02/2011

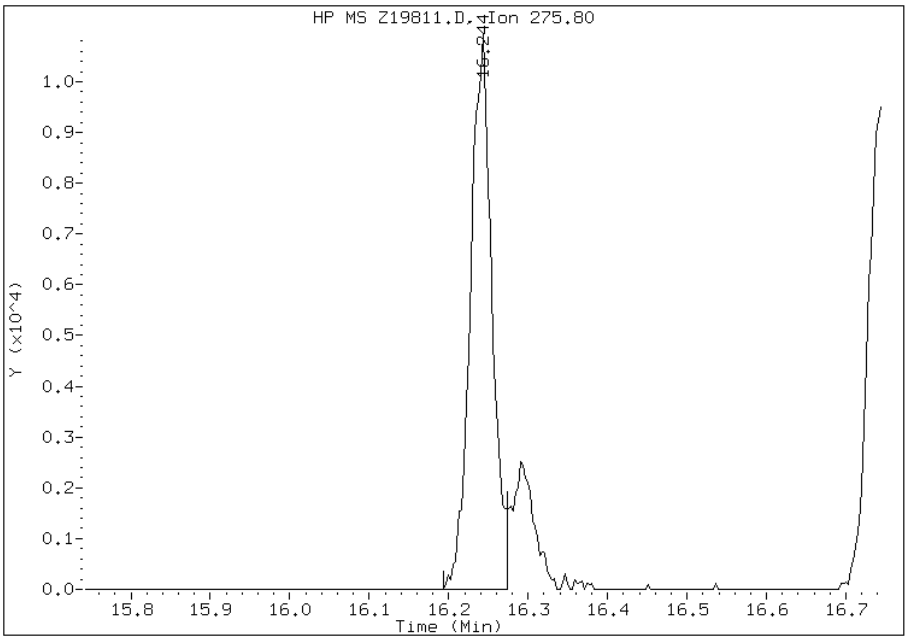
Processing Integration Results

RT: 16.24

Response: 21295

Amount: 2

Conc: 2



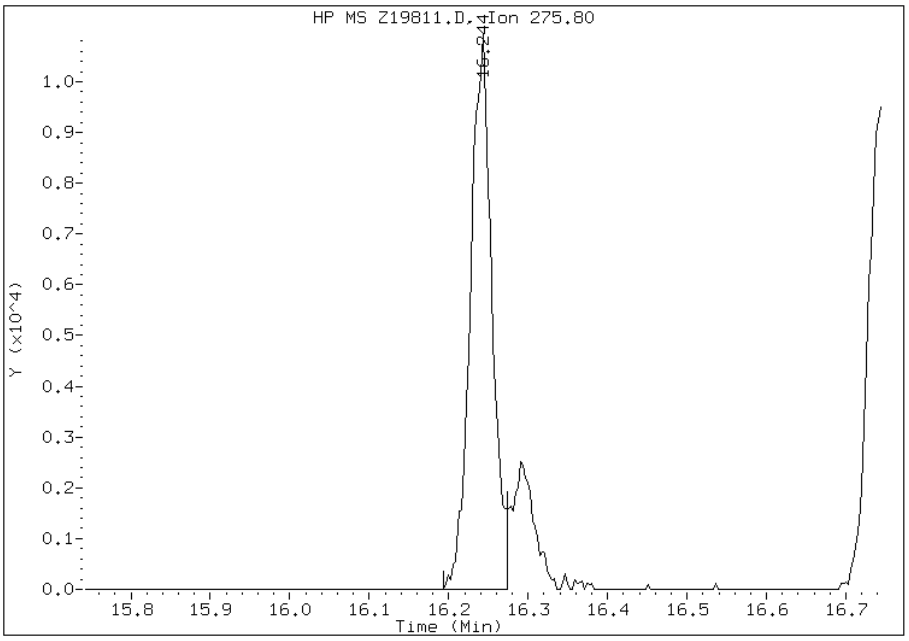
Manual Integration Results

RT: 16.24

Response: 21295

Amount: 2

Conc: 2



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

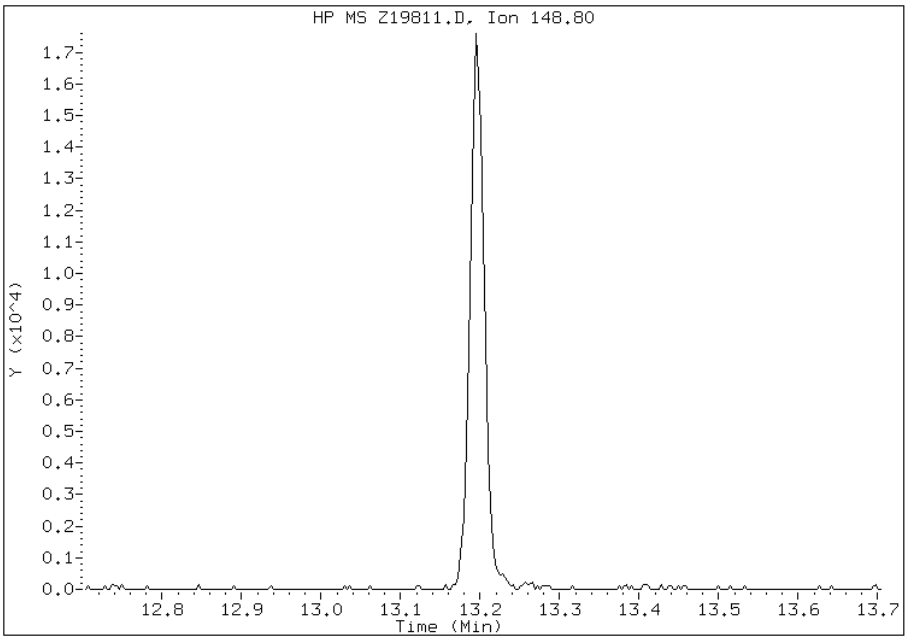
Manual Integration Report

Data File: Z19811.D
Inj. Date and Time: 29-APR-2011 08:48
Instrument ID: msz.i
Client ID: IC-605839
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 13.20



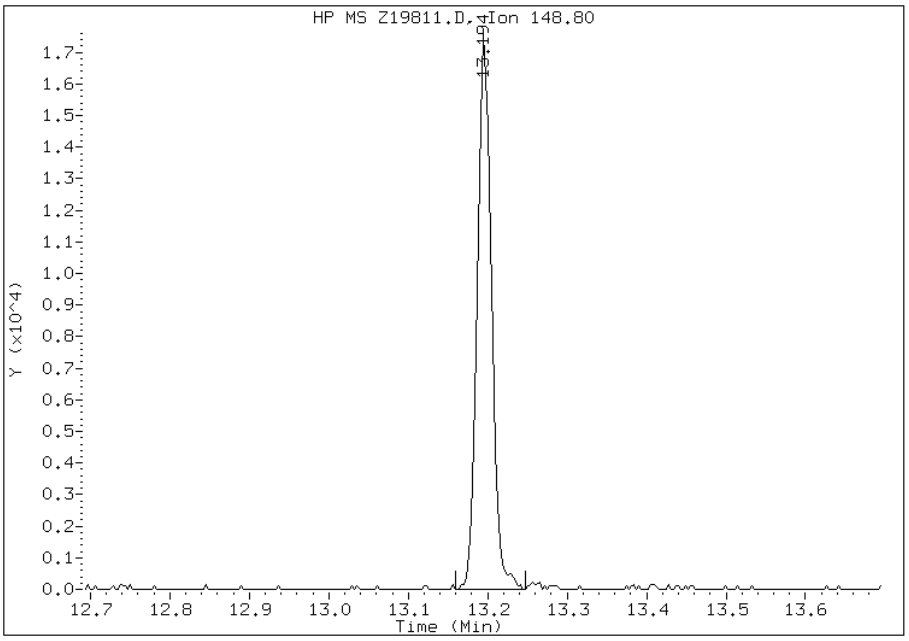
Manual Integration Results

RT: 13.19

Response: 22693

Amount: 4

Conc: 4



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak identification

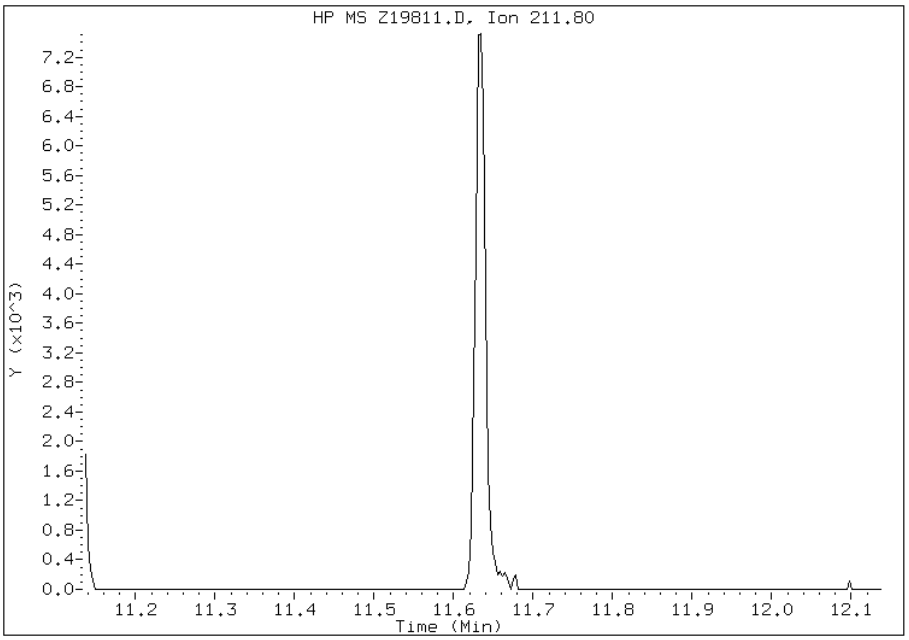
Manual Integration Report

Data File: Z19811.D
Inj. Date and Time: 29-APR-2011 08:48
Instrument ID: msz.i
Client ID: IC-605839
Compound: 124 3,3'-Dimethylbenzidine
CAS #: 119-93-7
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 11.64



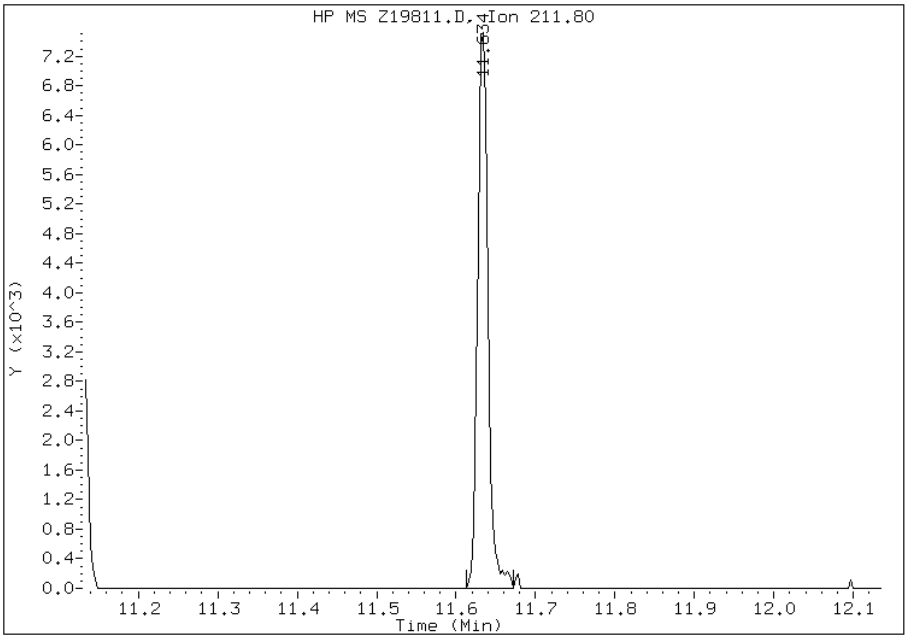
Manual Integration Results

RT: 11.63

Response: 7171

Amount: 5

Conc: 5



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak identification

Manual Integration Report

Data File: Z19811.D
Inj. Date and Time: 29-APR-2011 08:48
Instrument ID: msz.i
Client ID: IC-605839
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 05/02/2011

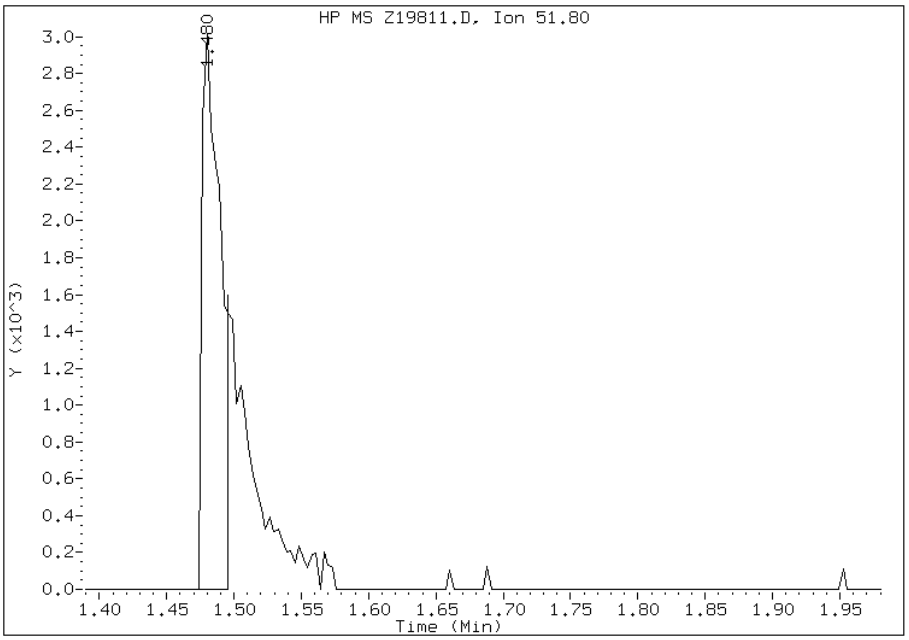
Processing Integration Results

RT: 1.48

Response: 2912

Amount: 2

Conc: 2



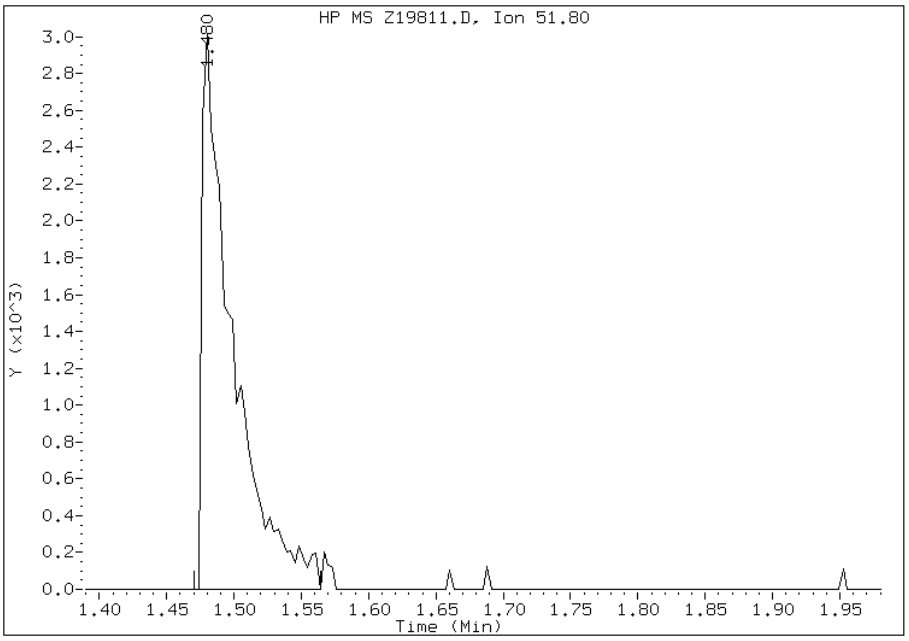
Manual Integration Results

RT: 1.48

Response: 4775

Amount: 2

Conc: 2



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19811.D
Inj. Date and Time: 29-APR-2011 08:48
Instrument ID: msz.i
Client ID: IC-605839
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 05/02/2011

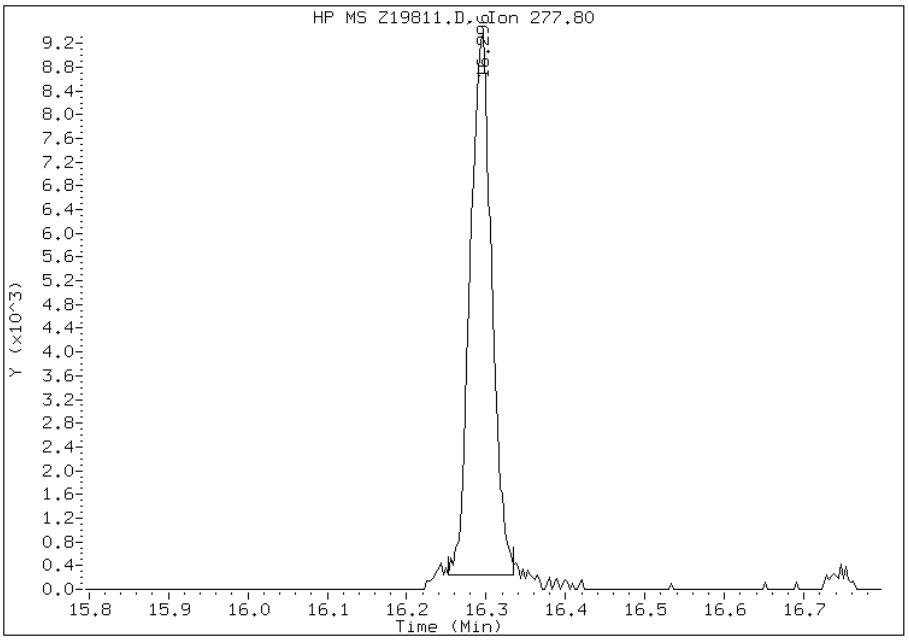
Processing Integration Results

RT: 16.30

Response: 17703

Amount: 2

Conc: 2



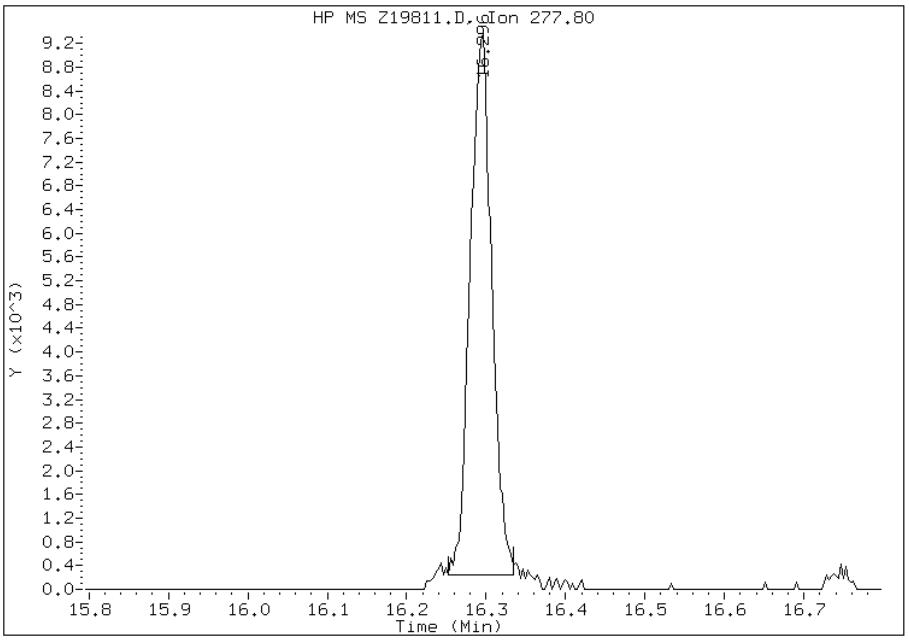
Manual Integration Results

RT: 16.30

Response: 17703

Amount: 2

Conc: 2



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\Z19812.D
Lab Smp Id: IC-605840 Client Smp ID: IC-605840
Inj Date : 29-APR-2011 09:15
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-605840
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\MSZ-8270C.m
Meth Date : 02-May-2011 07:58 msz.i Quant Type: ISTD
Cal Date : 29-APR-2011 08:48 Cal File: Z19811.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS CAL-AMT	ON-COL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/mL)
*	1 1,4-Dichlorobenzene-d4	152	4.662	4.662	(1.000)	73165	20.0000	
$	2 2-Fluorophenol	112	3.211	3.211	(0.689)	17063	4.00000	4
$	3 Phenol-d5	99	4.342	4.342	(0.931)	25075	4.00000	4
	4 Pyridine	52	1.473	1.473	(0.316)	8515	4.00000	4(M)
	5 N-Nitrosodimethylamine	42	1.461	1.461	(0.313)	6957	4.00000	4
	6 Cyclohexanone	42	3.431	3.431	(0.736)	17030	4.00000	4
	128 Benzaldehyde	77	4.184	4.184	(0.897)	2164	4.00000	3
	7 Phenol	94	4.358	4.358	(0.935)	26625	4.00000	4
	8 Aniline	93	4.317	4.317	(0.926)	30506	4.00000	4
	9 bis(2-Chloroethyl)ether	63	4.414	4.414	(0.947)	21625	4.00000	4
	10 2-Chlorophenol	128	4.442	4.442	(0.953)	21631	4.00000	4
	11 1,3-Dichlorobenzene	146	4.597	4.597	(0.986)	23397	4.00000	4
	12 1,4-Dichlorobenzene	146	4.681	4.681	(1.004)	23643	4.00000	4
	13 Benzyl alcohol	108	4.846	4.846	(1.039)	13197	4.00000	4
	14 1,2-Dichlorobenzene	146	4.842	4.842	(1.039)	23362	4.00000	4
	15 2,2'-oxybis(1-Chloropropane)	45	5.004	5.004	(1.073)	47860	4.00000	4
	16 2-Methylphenol	108	4.998	4.998	(1.072)	20469	4.00000	4
	92 Acetophenone	105	5.116	5.116	(1.097)	31405	4.00000	4
	17 Hexachloroethane	117	5.203	5.203	(1.116)	11275	4.00000	4
	18 N-Nitroso-di-n-propylamine	70	5.138	5.138	(1.102)	18586	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.166	5.166	(1.108)	21244	4.00000	4
*	20 Naphthalene-d8	136	6.024	6.024	(1.000)	350152	20.0000	
$	21 Nitrobenzene-d5	82	5.265	5.265	(0.874)	26689	4.00000	4
	22 Nitrobenzene	77	5.284	5.284	(0.877)	27707	4.00000	4
	23 Isophorone	82	5.551	5.551	(0.922)	47405	4.00000	4
	24 2-Nitrophenol	139	5.629	5.629	(0.934)	12797	4.00000	4
	25 2,4-Dimethylphenol	122	5.722	5.722	(0.950)	20784	4.00000	4
	26 Benzoic Acid	122	5.850	5.850	(0.971)	20942	10.0000	9(M)
	27 Bis(2-Chloroethoxy)methane	93	5.812	5.812	(0.965)	30128	4.00000	4
	28 2,4-Dichlorophenol	162	5.896	5.896	(0.979)	18977	4.00000	4
	29 1,2,4-Trichlorobenzene	180	5.974	5.974	(0.992)	21968	4.00000	4
	30 Naphthalene	128	6.042	6.042	(1.003)	71652	4.00000	4
	31 4-Chloroaniline	127	6.126	6.126	(1.017)	27943	4.00000	4
	32 Hexachlorobutadiene	225	6.204	6.204	(1.030)	12933	4.00000	4
	129 Caprolactam	113	6.468	6.468	(1.074)	5780	4.00000	4
	33 4-Chloro-3-methylphenol	107	6.673	6.673	(1.108)	21998	4.00000	4
	34 2-Methylnaphthalene	142	6.785	6.785	(1.126)	49017	4.00000	4
*	35 Acenaphthene-d10	164	7.879	7.879	(1.000)	226978	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.748	6.748	(1.447)	21250	4.00000	4
	37 Hexachlorocyclopentadiene	237	6.965	6.965	(0.884)	11970	4.00000	4
	38 2,4,6-Trichlorophenol	196	7.099	7.099	(0.901)	14364	4.00000	4
	39 2,4,5-Trichlorophenol	196	7.136	7.136	(0.906)	35626	10.0000	10
$	40 2-Fluorobiphenyl	172	7.186	7.186	(0.912)	52101	4.00000	4
	130 1,1'-Biphenyl	154	7.285	7.285	(0.925)	62569	4.00000	4
	41 2-Chloronaphthalene	162	7.292	7.292	(0.925)	47238	4.00000	4
	42 2-Nitroaniline	65	7.413	7.413	(0.941)	17486	4.00000	4
	43 Acenaphthylene	152	7.724	7.724	(0.980)	77272	4.00000	4
	44 Dimethylphthalate	163	7.627	7.627	(0.968)	53334	4.00000	4
	45 2,6-Dinitrotoluene	165	7.677	7.677	(0.974)	12183	4.00000	4
	46 Acenaphthene	153	7.910	7.910	(1.004)	50907	4.00000	4
	47 3-Nitroaniline	138	7.845	7.845	(0.996)	13296	4.00000	4
	48 2,4-Dinitrophenol	184	7.960	7.960	(1.010)	13623	10.0000	12
	49 Dibenzofuran	168	8.094	8.094	(1.027)	68840	4.00000	4
	50 2,4-Dinitrotoluene	165	8.097	8.097	(1.028)	17152	4.00000	4
	51 4-Nitrophenol	109	8.059	8.059	(1.023)	18532	10.0000	9
	52 Fluorene	166	8.454	8.454	(1.073)	57100	4.00000	4
	53 4-Chlorophenyl-phenylether	204	8.470	8.470	(1.075)	27946	4.00000	4
	54 Diethylphthalate	149	8.373	8.373	(1.063)	55170	4.00000	4
	55 4-Nitroaniline	138	8.485	8.485	(1.077)	12720	4.00000	4
$	56 2,4,6-Tribromophenol	330	8.709	8.709	(1.105)	21880	10.0000	10
*	57 Phenanthrene-d10	188	9.436	9.436	(1.000)	391994	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.526	8.526	(0.903)	23893	10.0000	9
	59 N-Nitrosodiphenylamine (1)	169	8.597	8.597	(0.911)	39037	4.00000	4
	60 1,2-Diphenylhydrazine	77	8.634	8.634	(0.915)	69506	4.00000	4
	61 4-Bromophenyl-phenylether	248	8.979	8.979	(0.952)	15429	4.00000	4
	131 Atrazine	200	9.175	9.175	(0.972)	14613	4.00000	4
	62 Hexachlorobenzene	284	9.038	9.038	(0.958)	17747	4.00000	4
	63 Pentachlorophenol	266	9.253	9.253	(0.981)	20613	10.0000	9
	64 Phenanthrene	178	9.458	9.458	(1.002)	85620	4.00000	4
	65 Carbazole	167	9.691	9.691	(1.027)	77083	4.00000	4
	66 Anthracene	178	9.511	9.511	(1.008)	88398	4.00000	4
	67 Di-n-butylphthalate	149	10.092	10.092	(1.069)	100622	4.00000	4
	68 Fluoranthene	202	10.707	10.707	(1.135)	92898	4.00000	4
*	70 Chrysene-d12	240	12.268	12.268	(1.000)	428733	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
72	Pyrene	202	10.944	10.944	(0.892)	94627	4.00000	4
$ 73	Terphenyl-d14	244	11.127	11.127	(0.907)	63402	4.00000	4
74	Butylbenzylphthalate	149	11.655	11.655	(0.950)	39165	4.00000	4
75	3,3'-Dichlorobenzidine	252	12.234	12.234	(0.997)	22012	4.00000	4
76	Benzo(a)anthracene	228	12.249	12.249	(0.998)	85188	4.00000	4
77	Chrysene	228	12.296	12.296	(1.002)	83281	4.00000	4
78	Bis(2-Ethylhexyl)phthalate	149	12.327	12.327	(1.005)	46280	4.00000	4
* 79	Perylene-d12	264	14.335	14.335	(1.000)	373326	20.0000	
80	Di-n-octylphthalate	149	13.191	13.191	(0.920)	47534	4.00000	5(M)
81	Benzo(b)fluoranthene	252	13.716	13.716	(0.957)	70670	4.00000	4
82	Benzo(k)fluoranthene	252	13.757	13.757	(0.960)	72004	4.00000	4
83	Benzo(a)pyrene	252	14.229	14.229	(0.993)	59562	4.00000	4
84	Indeno(1,2,3-cd)pyrene	276	16.237	16.237	(1.133)	42218	4.00000	4(M)
85	Dibenzo(a,h)anthracene	278	16.290	16.290	(1.136)	36990	4.00000	4(M)
86	Benzo(g,h,i)perylene	276	16.737	16.737	(1.168)	42713	4.00000	4(M)
167	Simazine	201	9.138	9.138	(0.968)	8937	4.00000	4
103	1,2,4,5-Tetrachlorobenzene	216	6.965	6.965	(0.884)	11007	5.00000	4
109	2,3,4,6-Tetrachlorophenol	232	8.237	8.237	(1.045)	12500	5.00000	4
119	Pentachloronitrobenzene	237	9.265	9.265	(0.982)	7707	4.00000	4

QC Flag Legend

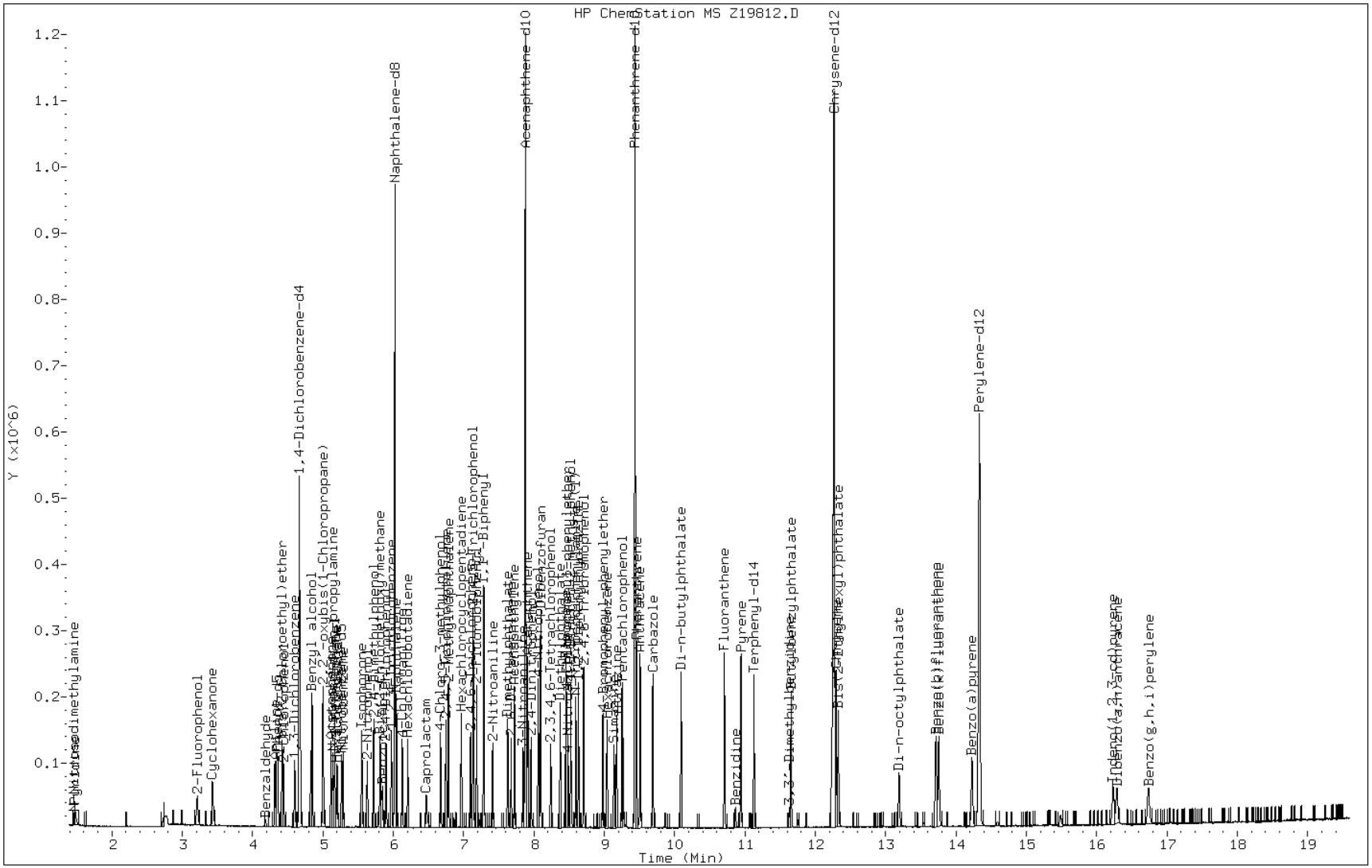
M - Compound response manually integrated.

Data File: Z19812.D

Date: 29-APR-2011 09:15

Client ID: IC-605840 Instrument: msz.i

Sample Info: IC-605840 Operator: S.Jonas



Manual Integration Report

Data File: Z19812.D
Inj. Date and Time: 29-APR-2011 09:15
Instrument ID: msz.i
Client ID: IC-605840
Compound: 84 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 05/02/2011

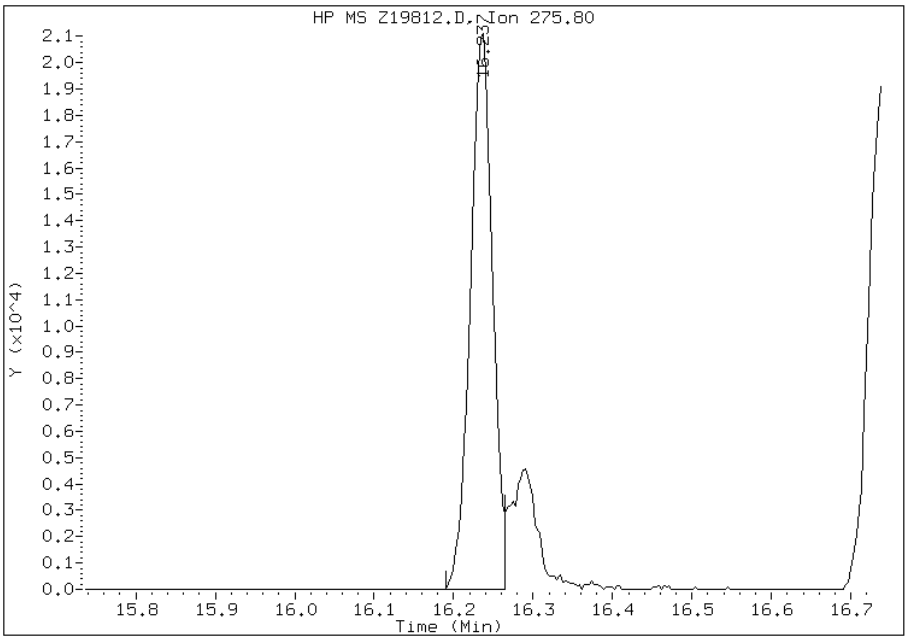
Processing Integration Results

RT: 16.24

Response: 42218

Amount: 4

Conc: 4



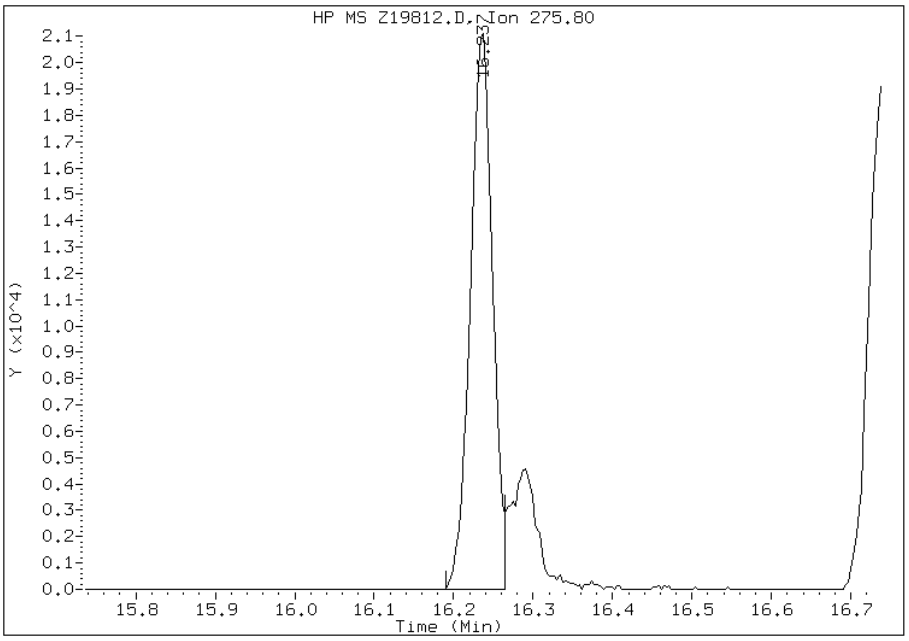
Manual Integration Results

RT: 16.24

Response: 42218

Amount: 4

Conc: 4



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

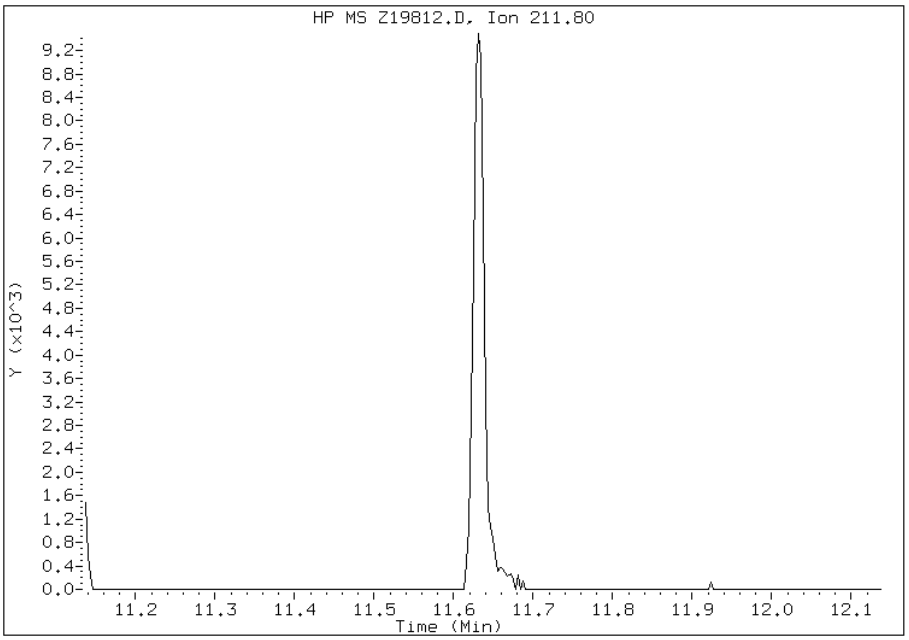
Manual Integration Report

Data File: Z19812.D
Inj. Date and Time: 29-APR-2011 09:15
Instrument ID: msz.i
Client ID: IC-605840
Compound: 124 3,3'-Dimethylbenzidine
CAS #: 119-93-7
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 11.64



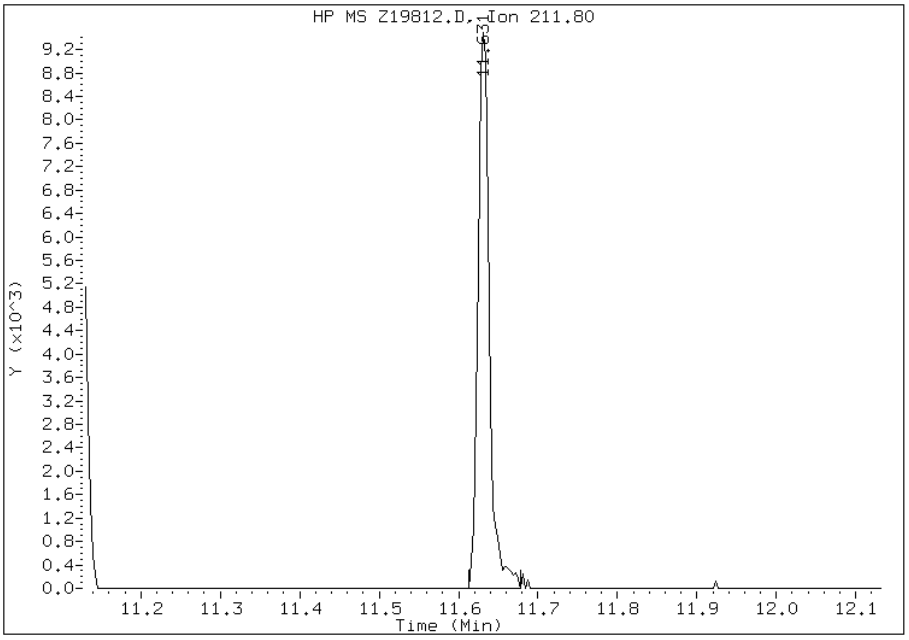
Manual Integration Results

RT: 11.63

Response: 9854

Amount: 5

Conc: 5



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak identification

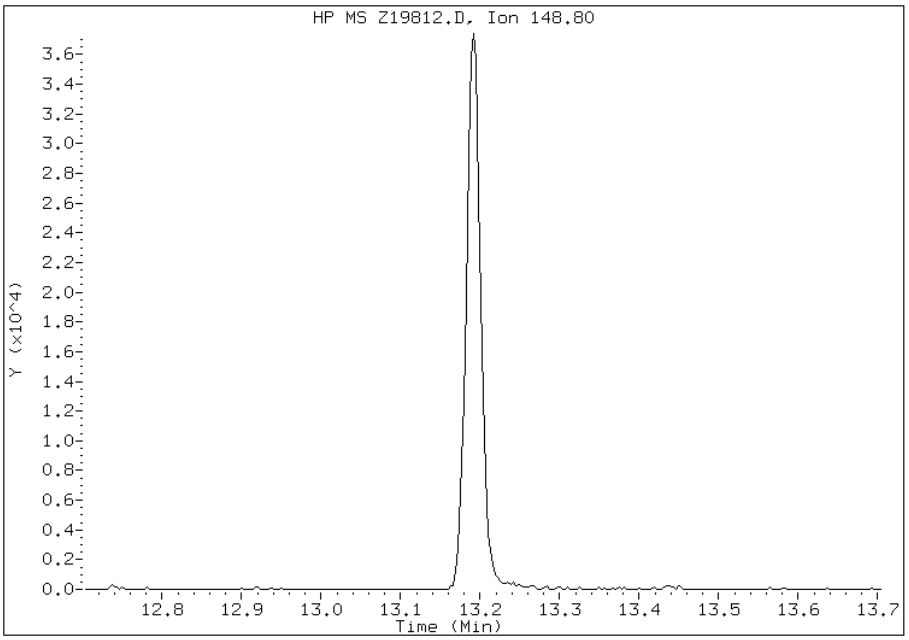
Manual Integration Report

Data File: Z19812.D
Inj. Date and Time: 29-APR-2011 09:15
Instrument ID: msz.i
Client ID: IC-605840
Compound: 80 Di-n-octylphthalate
CAS #: 117-84-0
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 13.20



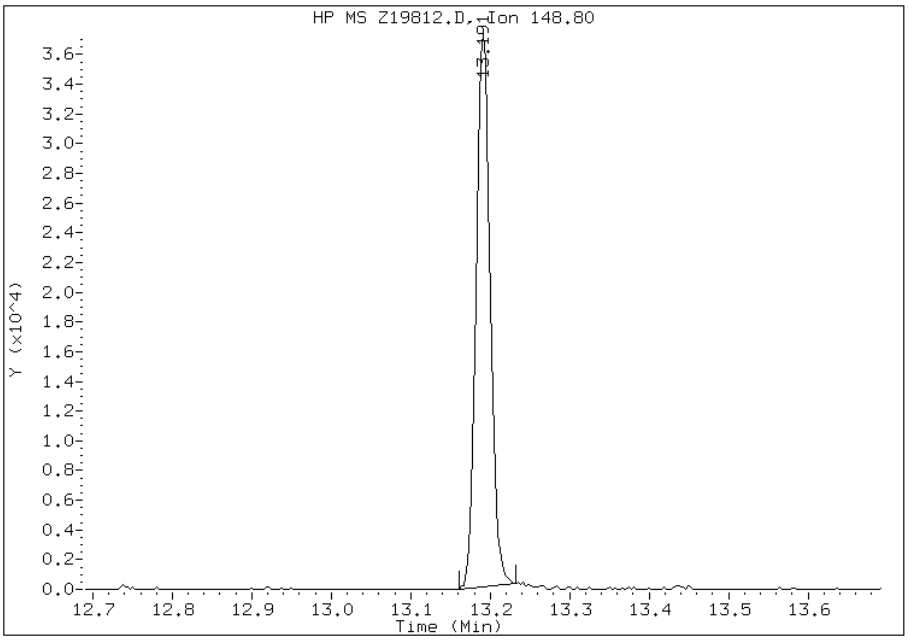
Manual Integration Results

RT: 13.19

Response: 47534

Amount: 5

Conc: 5



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak identification

Manual Integration Report

Data File: Z19812.D
Inj. Date and Time: 29-APR-2011 09:15
Instrument ID: msz.i
Client ID: IC-605840
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 05/02/2011

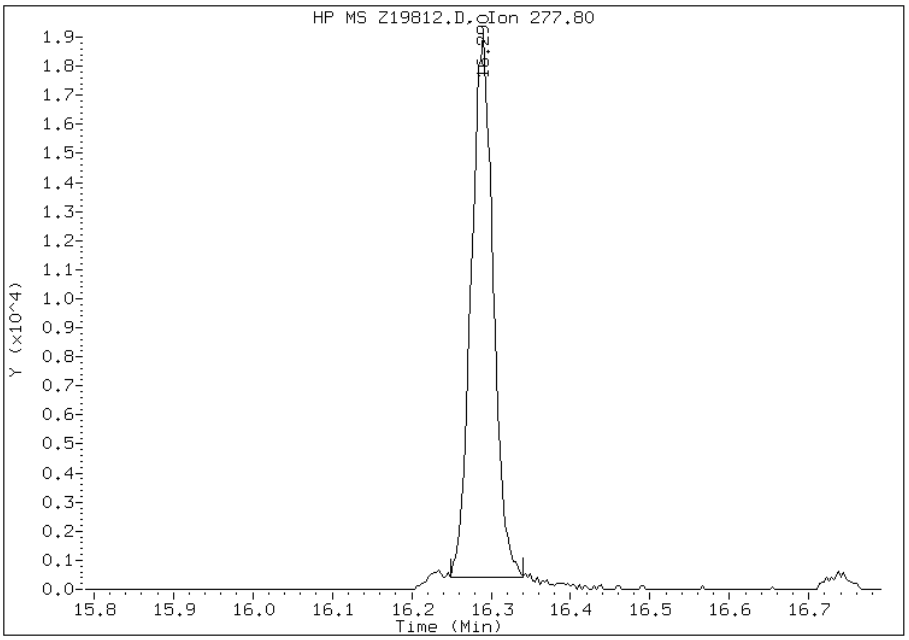
Processing Integration Results

RT: 16.29

Response: 36990

Amount: 4

Conc: 4



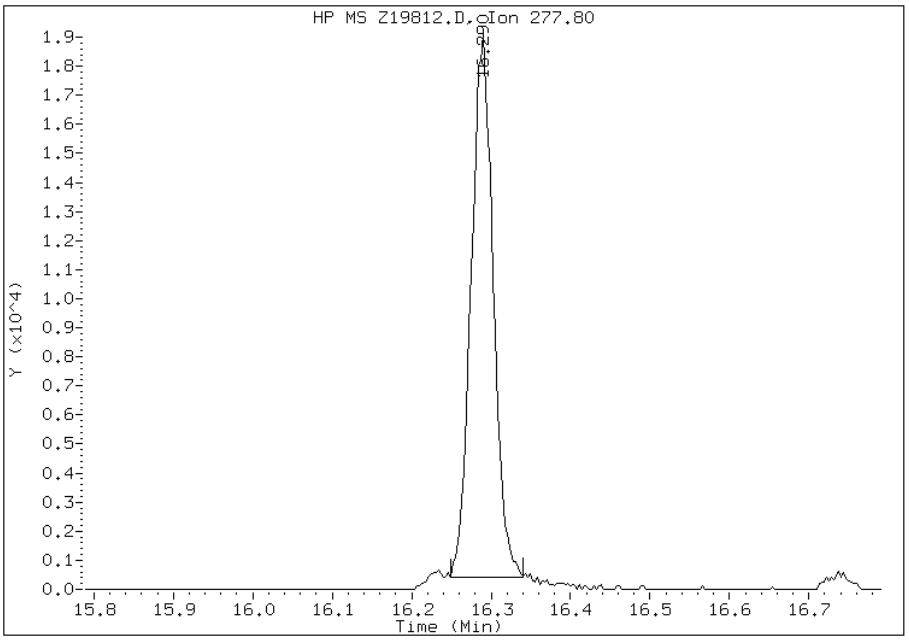
Manual Integration Results

RT: 16.29

Response: 36990

Amount: 4

Conc: 4



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19812.D
Inj. Date and Time: 29-APR-2011 09:15
Instrument ID: msz.i
Client ID: IC-605840
Compound: 86 Benzo(g,h,i)perylene
CAS #: 191-24-2
Report Date: 05/02/2011

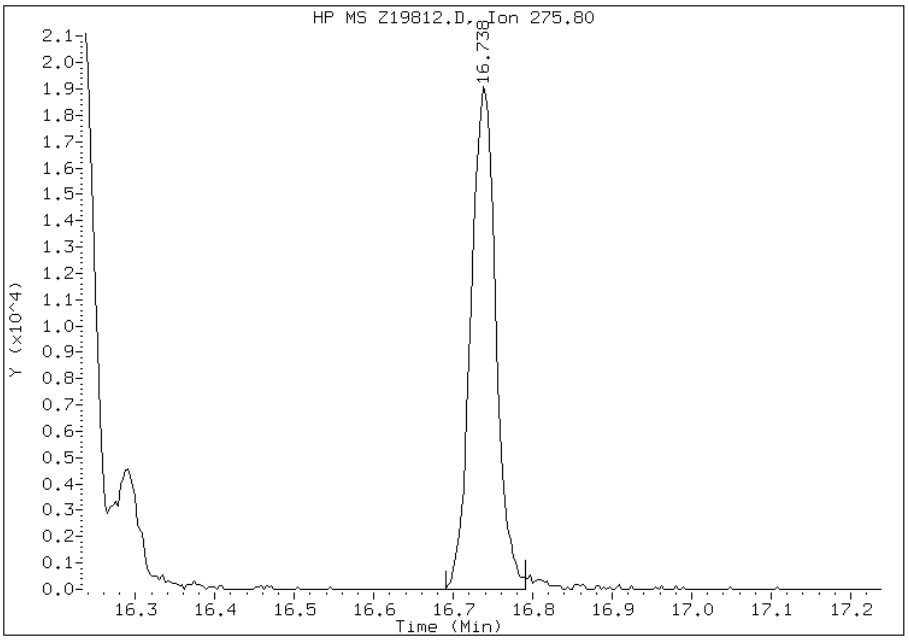
Processing Integration Results

RT: 16.74

Response: 42713

Amount: 5

Conc: 5



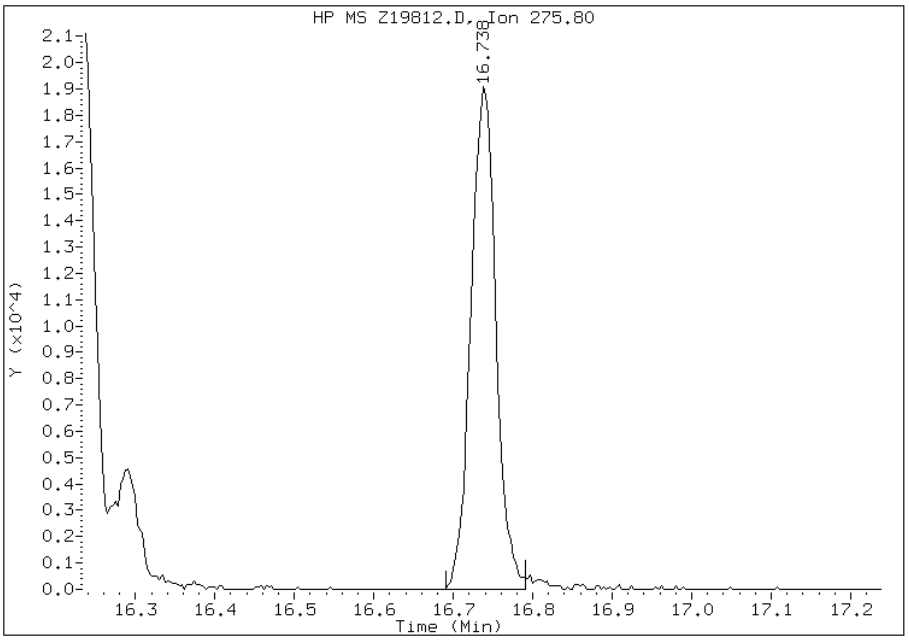
Manual Integration Results

RT: 16.74

Response: 42713

Amount: 4

Conc: 4



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19812.D
Inj. Date and Time: 29-APR-2011 09:15
Instrument ID: msz.i
Client ID: IC-605840
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/02/2011

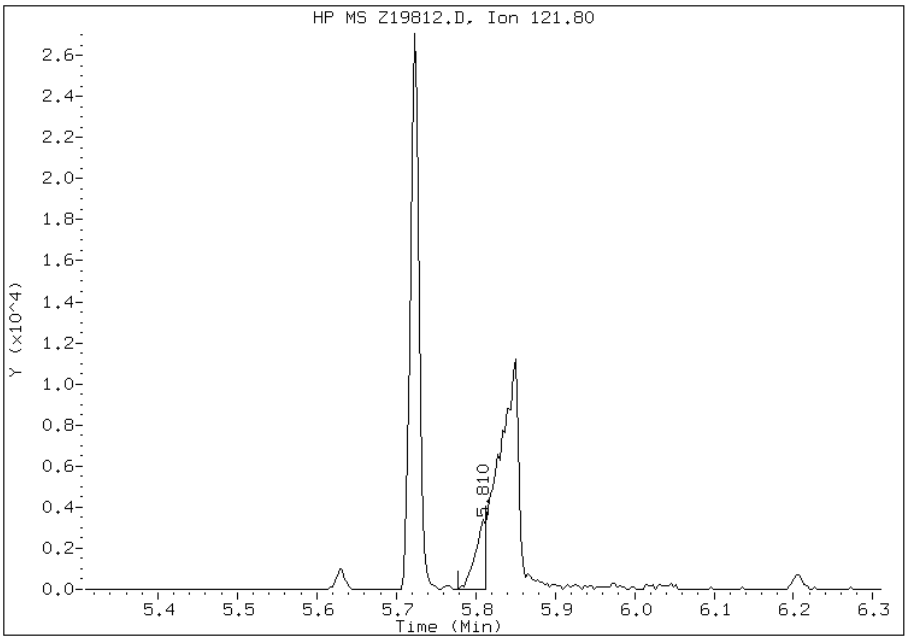
Processing Integration Results

RT: 5.81

Response: 3299

Amount: 1

Conc: 1



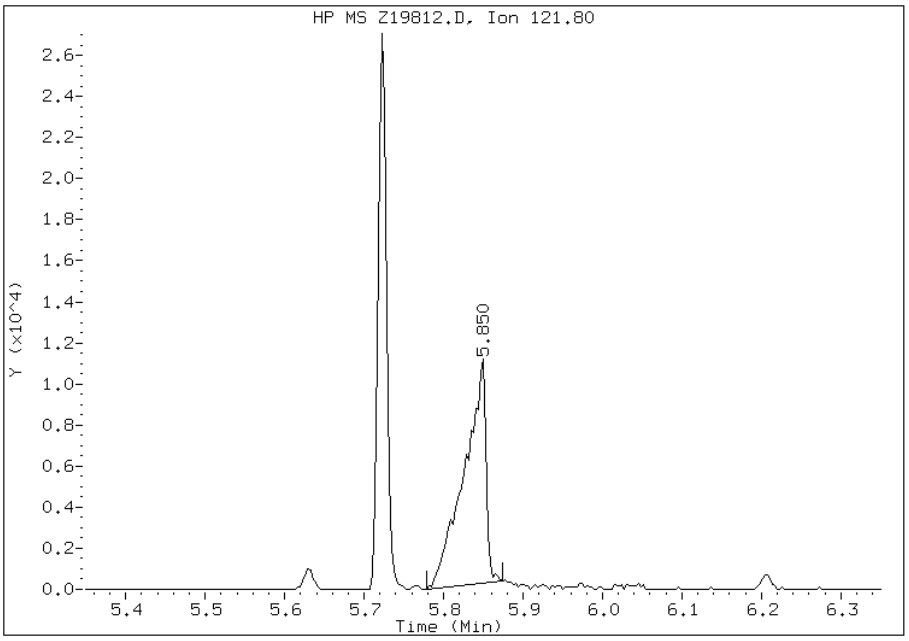
Manual Integration Results

RT: 5.85

Response: 20942

Amount: 9

Conc: 9



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19812.D
Inj. Date and Time: 29-APR-2011 09:15
Instrument ID: msz.i
Client ID: IC-605840
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 05/02/2011

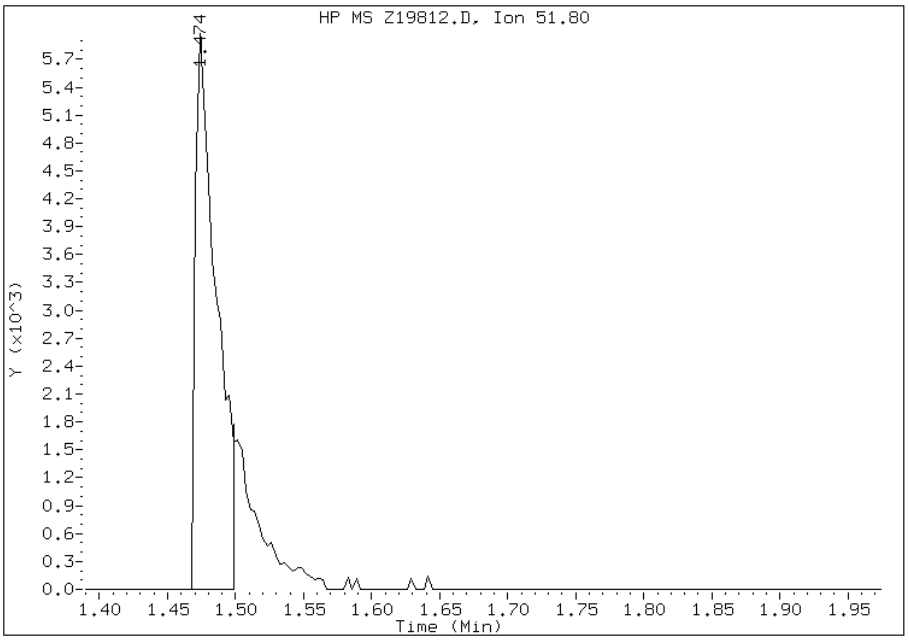
Processing Integration Results

RT: 1.47

Response: 6550

Amount: 3

Conc: 3



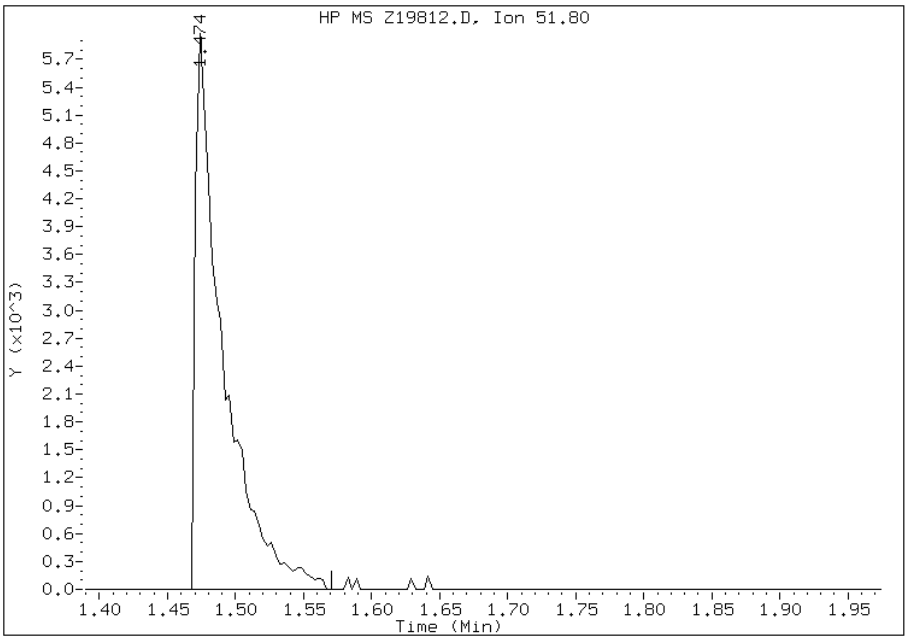
Manual Integration Results

RT: 1.47

Response: 8515

Amount: 4

Conc: 4



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\Z19813.D
Lab Smp Id: IC-605841 Client Smp ID: IC-605841
Inj Date : 29-APR-2011 09:43
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-605841
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\MSZ-8270C.m
Meth Date : 02-May-2011 07:58 msz.i Quant Type: ISTD
Cal Date : 29-APR-2011 11:33 Cal File: Za19817.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.665	4.665	(1.000)	72576	20.0000	
$ 2	2-Fluorophenol	112	3.211	3.211	(0.688)	42040	10.0000	10
$ 3	Phenol-d5	99	4.345	4.345	(0.931)	61936	10.0000	10
4	Pyridine	52	1.464	1.464	(0.314)	20607	10.0000	9
5	N-Nitrosodimethylamine	42	1.455	1.455	(0.312)	17084	10.0000	10(M)
6	Cyclohexanone	42	3.425	3.425	(0.734)	41369	10.0000	10
128	Benzaldehyde	77	4.184	4.184	(0.897)	5028	10.0000	7
7	Phenol	94	4.358	4.358	(0.934)	65612	10.0000	10
8	Aniline	93	4.317	4.317	(0.925)	77977	10.0000	10
9	bis(2-Chloroethyl)ether	63	4.417	4.417	(0.947)	50745	10.0000	9
10	2-Chlorophenol	128	4.442	4.442	(0.952)	53375	10.0000	10
11	1,3-Dichlorobenzene	146	4.597	4.597	(0.985)	57952	10.0000	10
12	1,4-Dichlorobenzene	146	4.681	4.681	(1.003)	59327	10.0000	10
13	Benzyl alcohol	108	4.849	4.849	(1.039)	32598	10.0000	10
14	1,2-Dichlorobenzene	146	4.843	4.843	(1.038)	56674	10.0000	10
15	2,2'-oxybis(1-Chloropropane)	45	5.007	5.007	(1.073)	115846	10.0000	10
16	2-Methylphenol	108	5.001	5.001	(1.072)	50614	10.0000	10
92	Acetophenone	105	5.116	5.116	(1.097)	78820	10.0000	10
17	Hexachloroethane	117	5.203	5.203	(1.115)	28003	10.0000	10
18	N-Nitroso-di-n-propylamine	70	5.141	5.141	(1.102)	45524	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.169	5.169	(1.108)	53831	10.0000	10
*	20 Naphthalene-d8	136	6.027	6.027	(1.000)	346565	20.0000	
$	21 Nitrobenzene-d5	82	5.265	5.265	(0.874)	66465	10.0000	10
	22 Nitrobenzene	77	5.287	5.287	(0.877)	68363	10.0000	10
	23 Isophorone	82	5.554	5.554	(0.922)	119153	10.0000	10
	24 2-Nitrophenol	139	5.632	5.632	(0.935)	32370	10.0000	10
	25 2,4-Dimethylphenol	122	5.725	5.725	(0.950)	51213	10.0000	10
	26 Benzoic Acid	122	5.896	5.896	(0.978)	69585	25.0000	24(M)
	27 Bis(2-Chloroethoxy)methane	93	5.815	5.815	(0.965)	73312	10.0000	10
	28 2,4-Dichlorophenol	162	5.899	5.899	(0.979)	48100	10.0000	10
	29 1,2,4-Trichlorobenzene	180	5.977	5.977	(0.992)	54824	10.0000	10
	30 Naphthalene	128	6.045	6.045	(1.003)	177304	10.0000	10
	31 4-Chloroaniline	127	6.129	6.129	(1.017)	71884	10.0000	10
	32 Hexachlorobutadiene	225	6.207	6.207	(1.030)	31867	10.0000	10
	129 Caprolactam	113	6.496	6.496	(1.078)	15561	10.0000	10(M)
	33 4-Chloro-3-methylphenol	107	6.676	6.676	(1.108)	55048	10.0000	10
	34 2-Methylnaphthalene	142	6.785	6.785	(1.126)	121523	10.0000	10
*	35 Acenaphthene-d10	164	7.879	7.879	(1.000)	225415	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.751	6.751	(1.447)	52402	10.0000	10
	37 Hexachlorocyclopentadiene	237	6.969	6.969	(0.884)	33331	10.0000	10
	38 2,4,6-Trichlorophenol	196	7.102	7.102	(0.901)	35103	10.0000	10
	39 2,4,5-Trichlorophenol	196	7.140	7.140	(0.906)	89684	25.0000	24
$	40 2-Fluorobiphenyl	172	7.189	7.189	(0.912)	127065	10.0000	10
	130 1,1'-Biphenyl	154	7.286	7.286	(0.925)	152098	10.0000	10
	41 2-Chloronaphthalene	162	7.295	7.295	(0.926)	116642	10.0000	10
	42 2-Nitroaniline	65	7.416	7.416	(0.941)	44920	10.0000	10
	43 Acenaphthylene	152	7.724	7.724	(0.980)	188694	10.0000	10
	44 Dimethylphthalate	163	7.631	7.631	(0.968)	132378	10.0000	10
	45 2,6-Dinitrotoluene	165	7.680	7.680	(0.975)	31486	10.0000	10
	46 Acenaphthene	153	7.913	7.913	(1.004)	126289	10.0000	10
	47 3-Nitroaniline	138	7.851	7.851	(0.996)	34709	10.0000	10
	48 2,4-Dinitrophenol	184	7.963	7.963	(1.011)	43977	25.0000	24
	49 Dibenzofuran	168	8.097	8.097	(1.028)	167903	10.0000	10
	50 2,4-Dinitrotoluene	165	8.103	8.103	(1.028)	42883	10.0000	10
	51 4-Nitrophenol	109	8.069	8.069	(1.024)	48345	25.0000	23
	52 Fluorene	166	8.457	8.457	(1.073)	142601	10.0000	10
	53 4-Chlorophenyl-phenylether	204	8.473	8.473	(1.075)	68470	10.0000	10
	54 Diethylphthalate	149	8.380	8.380	(1.064)	138374	10.0000	10
	55 4-Nitroaniline	138	8.492	8.492	(1.078)	33245	10.0000	10
$	56 2,4,6-Tribromophenol	330	8.712	8.712	(1.106)	54554	25.0000	25
*	57 Phenanthrene-d10	188	9.440	9.440	(1.000)	391635	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.532	8.532	(0.904)	66104	25.0000	25
	59 N-Nitrosodiphenylamine (1)	169	8.600	8.600	(0.911)	96656	10.0000	10
	60 1,2-Diphenylhydrazine	77	8.638	8.638	(0.915)	169779	10.0000	10
	61 4-Bromophenyl-phenylether	248	8.983	8.983	(0.952)	39208	10.0000	10
	131 Atrazine	200	9.182	9.182	(0.973)	37919	10.0000	10
	62 Hexachlorobenzene	284	9.042	9.042	(0.958)	43629	10.0000	10
	63 Pentachlorophenol	266	9.256	9.256	(0.981)	57788	25.0000	25
	64 Phenanthrene	178	9.464	9.464	(1.003)	213195	10.0000	10
	65 Carbazole	167	9.694	9.694	(1.027)	190966	10.0000	10
	66 Anthracene	178	9.517	9.517	(1.008)	218016	10.0000	10
	67 Di-n-butylphthalate	149	10.095	10.095	(1.069)	252294	10.0000	10
	68 Fluoranthene	202	10.714	10.714	(1.135)	232940	10.0000	10
*	70 Chrysene-d12	240	12.271	12.271	(1.000)	428692	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.866	10.866	(0.886)	48031	10.0000	9
72	Pyrene	202	10.947	10.947	(0.892)	239028	10.0000	10
$ 73	Terphenyl-d14	244	11.130	11.130	(0.907)	159114	10.0000	10
74	Butylbenzylphthalate	149	11.659	11.659	(0.950)	102301	10.0000	10
124	3,3'-Dimethylbenzidine	212	11.631	11.631	(0.948)	31361	10.0000	8
75	3,3'-Dichlorobenzidine	252	12.237	12.237	(0.997)	56919	10.0000	10
76	Benzo(a)anthracene	228	12.252	12.252	(0.998)	213137	10.0000	10
77	Chrysene	228	12.299	12.299	(1.002)	205397	10.0000	10
78	Bis(2-Ethylhexyl)phthalate	149	12.327	12.327	(1.005)	122471	10.0000	9
* 79	Perylene-d12	264	14.338	14.338	(1.000)	368512	20.0000	
80	Di-n-octylphthalate	149	13.194	13.194	(0.920)	139135	10.0000	9
81	Benzo(b)fluoranthene	252	13.719	13.719	(0.957)	180942	10.0000	9
82	Benzo(k)fluoranthene	252	13.766	13.766	(0.960)	187717	10.0000	9
83	Benzo(a)pyrene	252	14.235	14.235	(0.993)	152196	10.0000	10
84	Indeno(1,2,3-cd)pyrene	276	16.246	16.246	(1.133)	108324	10.0000	11
85	Dibenzo(a,h)anthracene	278	16.296	16.296	(1.137)	97781	10.0000	11
86	Benzo(g,h,i)perylene	276	16.747	16.747	(1.168)	104010	10.0000	12
167	Simazine	201	9.150	9.150	(0.969)	23261	10.0000	10
103	1,2,4,5-Tetrachlorobenzene	216	6.969	6.969	(0.884)	25526	10.0000	10
109	2,3,4,6-Tetrachlorophenol	232	8.240	8.240	(1.046)	31532	10.0000	10
119	Pentachloronitrobenzene	237	9.272	9.272	(0.982)	19081	10.0000	10

QC Flag Legend

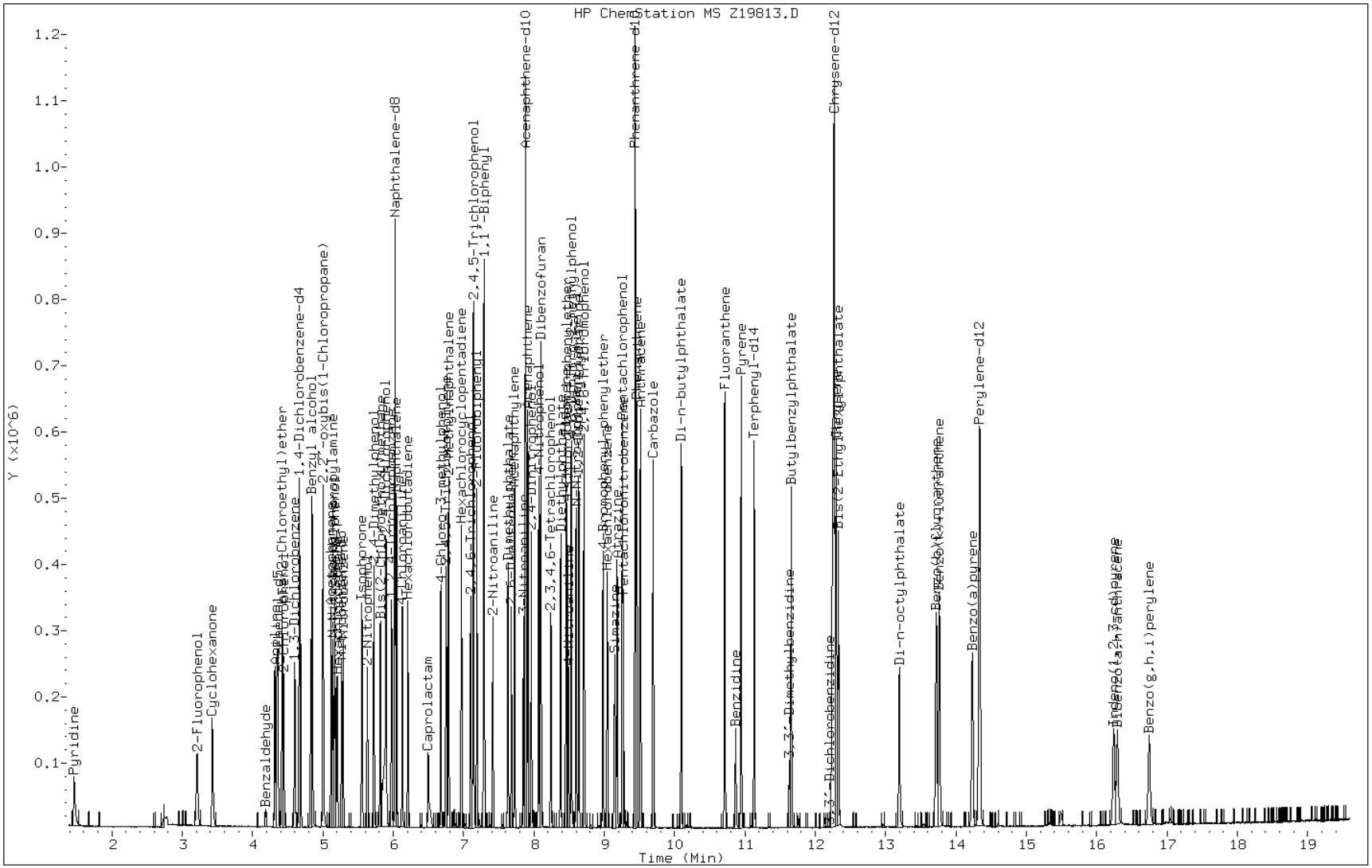
M - Compound response manually integrated.

Data File: Z19813.D

Date: 29-APR-2011 09:43

Client ID: IC-605841 Instrument: msz.i

Sample Info: IC-605841 Operator: S.Jonas



Manual Integration Report

Data File: Z19813.D
Inj. Date and Time: 29-APR-2011 09:43
Instrument ID: msz.i
Client ID: IC-605841
Compound: 5 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/02/2011

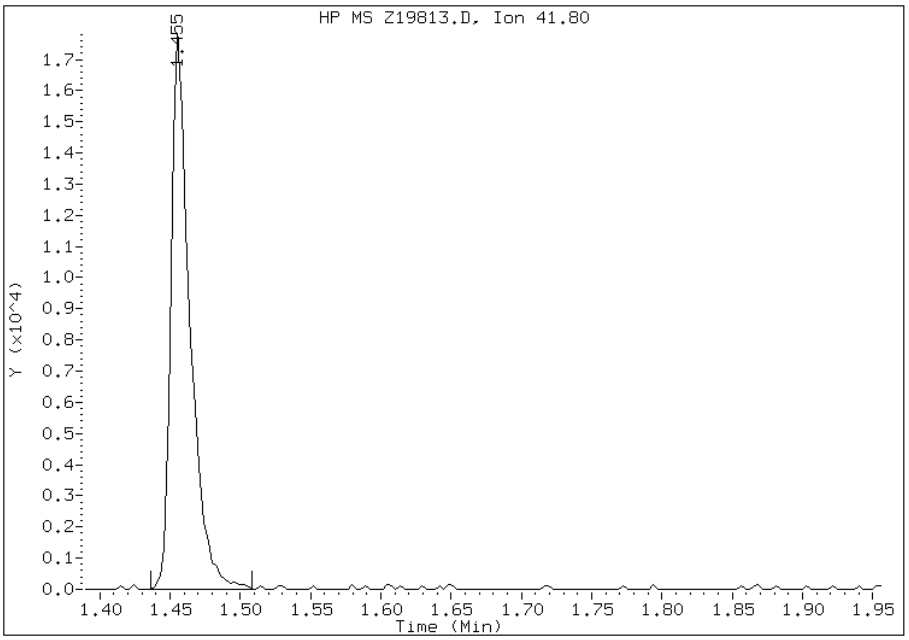
Processing Integration Results

RT: 1.46

Response: 17084

Amount: 10

Conc: 10



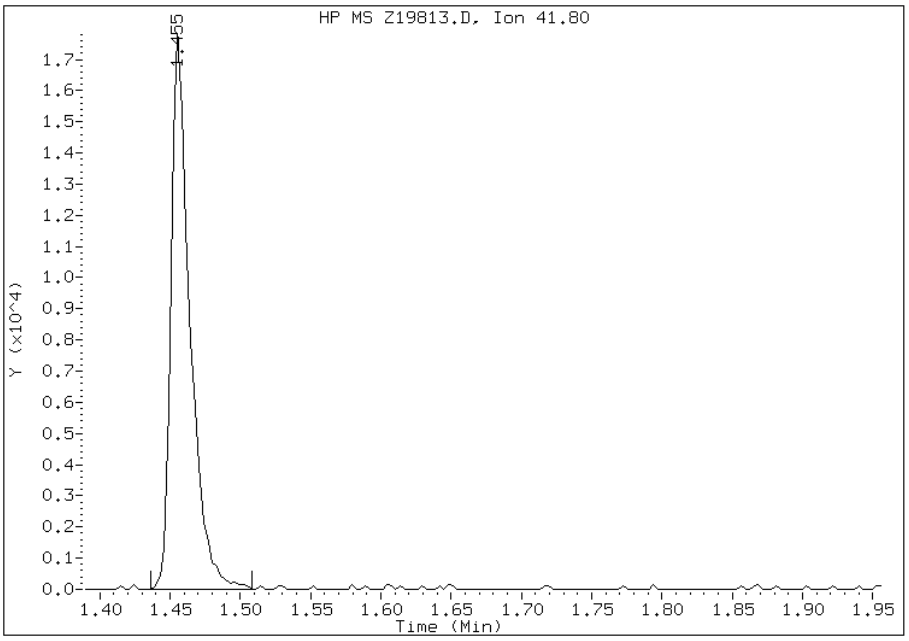
Manual Integration Results

RT: 1.46

Response: 17084

Amount: 10

Conc: 10



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19813.D
Inj. Date and Time: 29-APR-2011 09:43
Instrument ID: msz.i
Client ID: IC-605841
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/02/2011

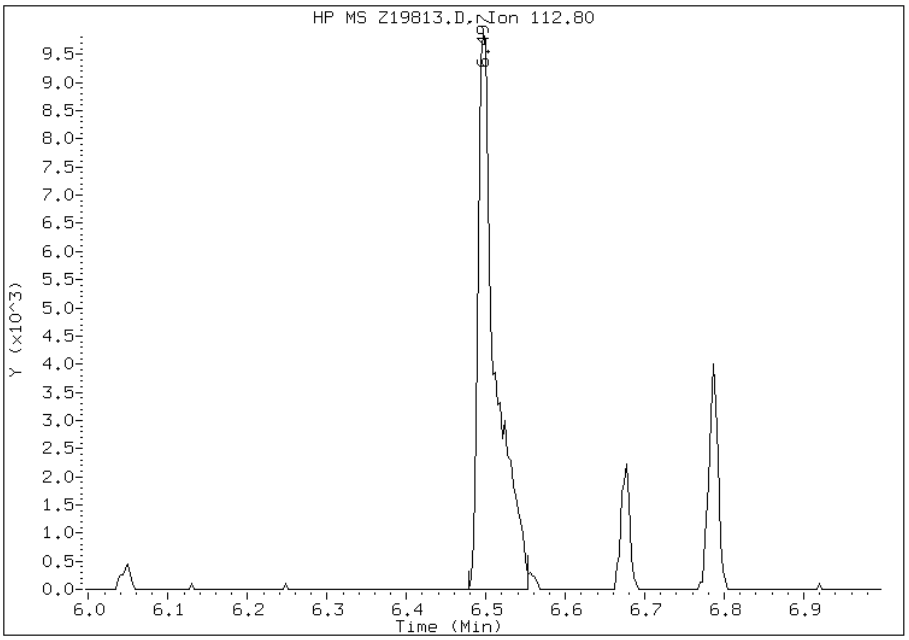
Processing Integration Results

RT: 6.50

Response: 15561

Amount: 10

Conc: 10



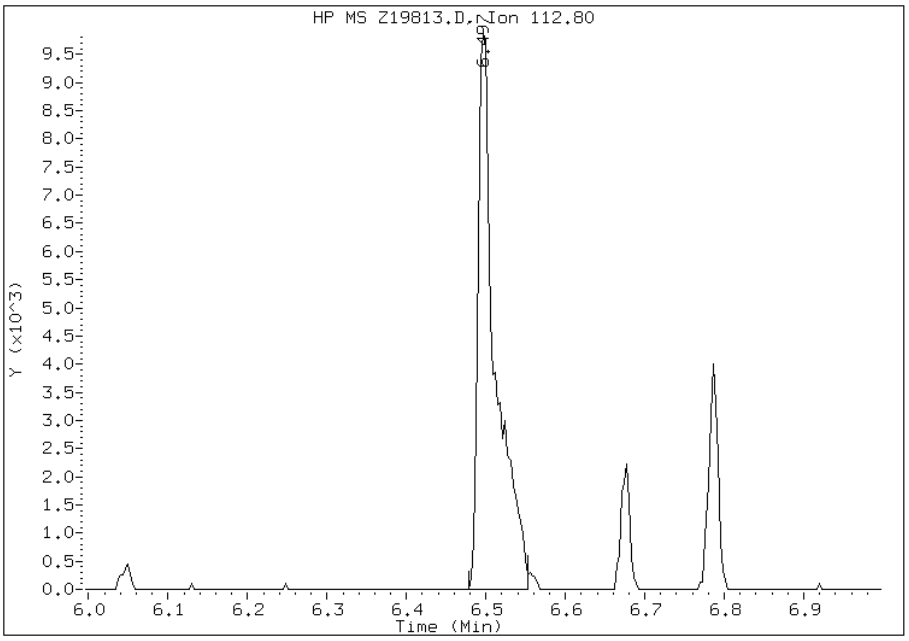
Manual Integration Results

RT: 6.50

Response: 15561

Amount: 10

Conc: 10



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19813.D
Inj. Date and Time: 29-APR-2011 09:43
Instrument ID: msz.i
Client ID: IC-605841
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/02/2011

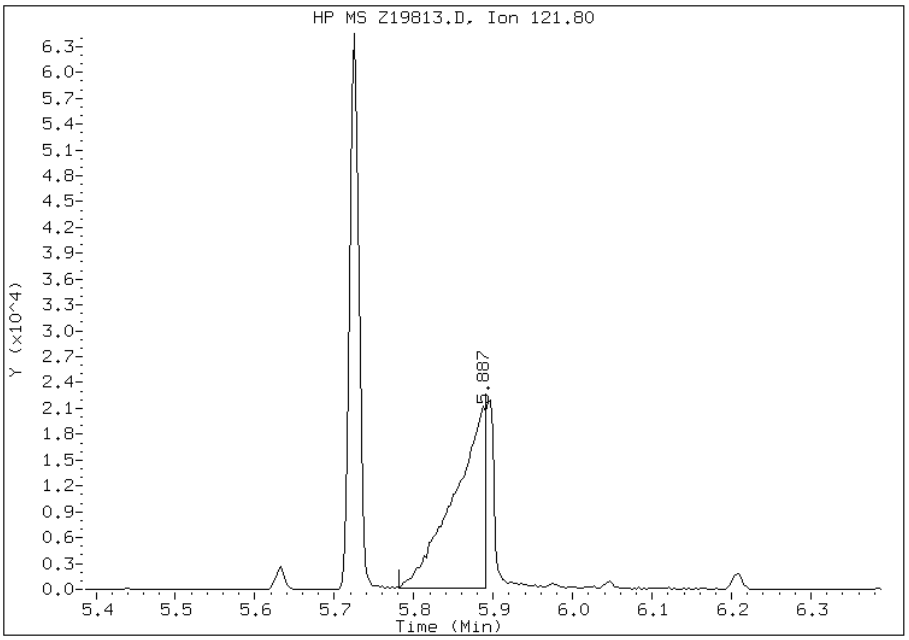
Processing Integration Results

RT: 5.89

Response: 58474

Amount: 24

Conc: 24



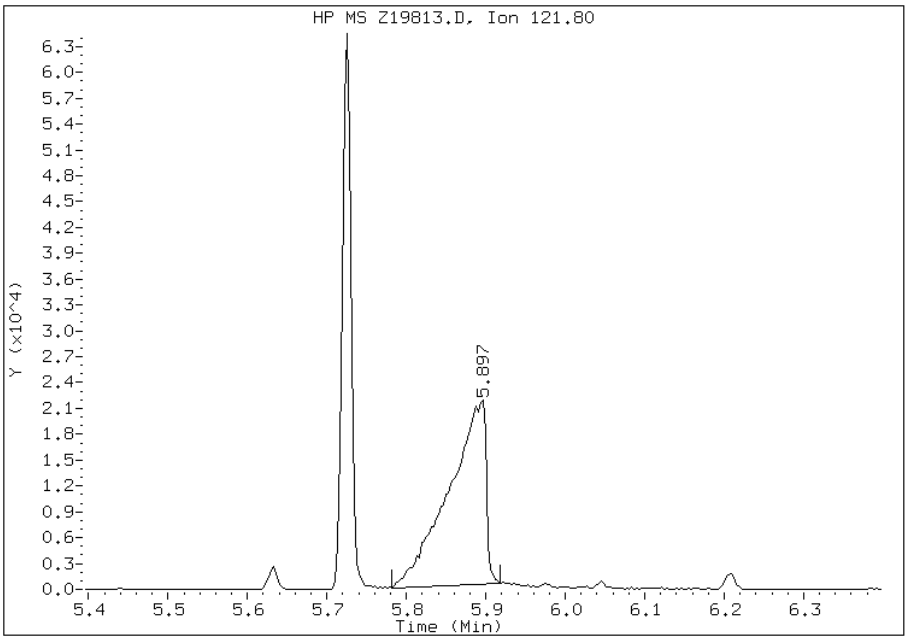
Manual Integration Results

RT: 5.90

Response: 69585

Amount: 24

Conc: 24



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\Z19814.D
Lab Smp Id: IC-605842 Client Smp ID: IC-605842
Inj Date : 29-APR-2011 10:11
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-605842
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\MSZ-8270C.m
Meth Date : 02-May-2011 07:58 msz.i Quant Type: ISTD
Cal Date : 29-APR-2011 12:01 Cal File: Za19818.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.666	4.666	(1.000)	73831	20.0000	
$ 2	2-Fluorophenol	112	3.211	3.211	(0.688)	88569	20.0000	20
$ 3	Phenol-d5	99	4.349	4.349	(0.932)	128086	20.0000	20
4	Pyridine	52	1.464	1.464	(0.314)	43757	20.0000	19
5	N-Nitrosodimethylamine	42	1.455	1.455	(0.312)	35487	20.0000	20
6	Cyclohexanone	42	3.425	3.425	(0.734)	86915	20.0000	20
128	Benzaldehyde	77	4.181	4.181	(0.896)	16507	20.0000	23
7	Phenol	94	4.364	4.364	(0.935)	136468	20.0000	20
8	Aniline	93	4.317	4.317	(0.925)	163728	20.0000	20
9	bis(2-Chloroethyl)ether	63	4.420	4.420	(0.947)	108497	20.0000	20
10	2-Chlorophenol	128	4.442	4.442	(0.952)	111485	20.0000	20
11	1,3-Dichlorobenzene	146	4.600	4.600	(0.986)	121071	20.0000	20
12	1,4-Dichlorobenzene	146	4.684	4.684	(1.004)	122320	20.0000	20
13	Benzyl alcohol	108	4.852	4.852	(1.040)	70221	20.0000	21
14	1,2-Dichlorobenzene	146	4.843	4.843	(1.038)	116335	20.0000	20
15	2,2'-oxybis(1-Chloropropane)	45	5.004	5.004	(1.073)	234948	20.0000	20
16	2-Methylphenol	108	5.004	5.004	(1.073)	102097	20.0000	20
92	Acetophenone	105	5.122	5.122	(1.098)	162784	20.0000	20
17	Hexachloroethane	117	5.203	5.203	(1.115)	58797	20.0000	20
18	N-Nitroso-di-n-propylamine	70	5.147	5.147	(1.103)	95153	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.172	5.172	(1.109)	110811	20.0000	21
*	20 Naphthalene-d8	136	6.027	6.027	(1.000)	351624	20.0000	
$	21 Nitrobenzene-d5	82	5.272	5.272	(0.875)	138582	20.0000	20
	22 Nitrobenzene	77	5.290	5.290	(0.878)	142528	20.0000	20
	23 Isophorone	82	5.558	5.558	(0.922)	246213	20.0000	20
	24 2-Nitrophenol	139	5.632	5.632	(0.935)	67259	20.0000	20
	25 2,4-Dimethylphenol	122	5.729	5.729	(0.950)	106308	20.0000	20
	26 Benzoic Acid	122	5.909	5.909	(0.980)	83744	30.0000	27(M)
	27 Bis(2-Chloroethoxy)methane	93	5.819	5.819	(0.965)	151806	20.0000	20
	28 2,4-Dichlorophenol	162	5.899	5.899	(0.979)	98032	20.0000	20
	29 1,2,4-Trichlorobenzene	180	5.977	5.977	(0.992)	110733	20.0000	20
	30 Naphthalene	128	6.049	6.049	(1.004)	357435	20.0000	20
	31 4-Chloroaniline	127	6.129	6.129	(1.017)	149515	20.0000	21
	32 Hexachlorobutadiene	225	6.207	6.207	(1.030)	66734	20.0000	20
	129 Caprolactam	113	6.524	6.524	(1.083)	34020	20.0000	21(M)
	33 4-Chloro-3-methylphenol	107	6.680	6.680	(1.108)	114743	20.0000	20
	34 2-Methylnaphthalene	142	6.788	6.788	(1.126)	244589	20.0000	20
*	35 Acenaphthene-d10	164	7.882	7.882	(1.000)	227396	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.751	6.751	(1.447)	108513	20.0000	20
	37 Hexachlorocyclopentadiene	237	6.969	6.969	(0.884)	73451	20.0000	21
	38 2,4,6-Trichlorophenol	196	7.102	7.102	(0.901)	71855	20.0000	20
	39 2,4,5-Trichlorophenol	196	7.143	7.143	(0.906)	110849	30.0000	30
$	40 2-Fluorobiphenyl	172	7.189	7.189	(0.912)	260401	20.0000	20
	130 1,1'-Biphenyl	154	7.289	7.289	(0.925)	303731	20.0000	21
	41 2-Chloronaphthalene	162	7.298	7.298	(0.926)	233360	20.0000	21
	42 2-Nitroaniline	65	7.419	7.419	(0.941)	92019	20.0000	20
	43 Acenaphthylene	152	7.727	7.727	(0.980)	387065	20.0000	20
	44 Dimethylphthalate	163	7.634	7.634	(0.968)	274102	20.0000	20
	45 2,6-Dinitrotoluene	165	7.684	7.684	(0.975)	65617	20.0000	20
	46 Acenaphthene	153	7.917	7.917	(1.004)	255522	20.0000	20
	47 3-Nitroaniline	138	7.854	7.854	(0.996)	72083	20.0000	21
	48 2,4-Dinitrophenol	184	7.966	7.966	(1.011)	57618	30.0000	29
	49 Dibenzofuran	168	8.100	8.100	(1.028)	339799	20.0000	20
	50 2,4-Dinitrotoluene	165	8.103	8.103	(1.028)	88306	20.0000	20
	51 4-Nitrophenol	109	8.072	8.072	(1.024)	61726	30.0000	30
	52 Fluorene	166	8.457	8.457	(1.073)	287984	20.0000	21
	53 4-Chlorophenyl-phenylether	204	8.473	8.473	(1.075)	140891	20.0000	21
	54 Diethylphthalate	149	8.383	8.383	(1.063)	288381	20.0000	20
	55 4-Nitroaniline	138	8.501	8.501	(1.078)	71026	20.0000	20
$	56 2,4,6-Tribromophenol	330	8.715	8.715	(1.106)	66740	30.0000	30
*	57 Phenanthrene-d10	188	9.440	9.440	(1.000)	398829	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.535	8.535	(0.904)	84209	30.0000	31
	59 N-Nitrosodiphenylamine (1)	169	8.604	8.604	(0.911)	200221	20.0000	20
	60 1,2-Diphenylhydrazine	77	8.641	8.641	(0.915)	349756	20.0000	20
	61 4-Bromophenyl-phenylether	248	8.983	8.983	(0.952)	80941	20.0000	20
	131 Atrazine	200	9.188	9.188	(0.973)	77973	20.0000	20
	62 Hexachlorobenzene	284	9.045	9.045	(0.958)	88808	20.0000	20
	63 Pentachlorophenol	266	9.259	9.259	(0.981)	73534	30.0000	31
	64 Phenanthrene	178	9.464	9.464	(1.003)	433542	20.0000	20
	65 Carbazole	167	9.698	9.698	(1.027)	395877	20.0000	20
	66 Anthracene	178	9.517	9.517	(1.008)	448041	20.0000	20
	67 Di-n-butylphthalate	149	10.095	10.095	(1.069)	523828	20.0000	20
	68 Fluoranthene	202	10.714	10.714	(1.135)	484124	20.0000	20
*	70 Chrysene-d12	240	12.271	12.271	(1.000)	439007	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.866	10.866	(0.886)	116491	20.0000	20
72	Pyrene	202	10.950	10.950	(0.892)	492927	20.0000	20
$ 73	Terphenyl-d14	244	11.134	11.134	(0.907)	332957	20.0000	20
74	Butylbenzylphthalate	149	11.659	11.659	(0.950)	221356	20.0000	20
124	3,3'-Dimethylbenzidine	212	11.634	11.634	(0.948)	89172	20.0000	16
75	3,3'-Dichlorobenzidine	252	12.240	12.240	(0.997)	126498	20.0000	21
76	Benzo(a)anthracene	228	12.256	12.256	(0.999)	451724	20.0000	20
77	Chrysene	228	12.302	12.302	(1.003)	435151	20.0000	20
78	Bis(2-Ethylhexyl)phthalate	149	12.327	12.327	(1.005)	272465	20.0000	20
* 79	Perylene-d12	264	14.338	14.338	(1.000)	372434	20.0000	
80	Di-n-octylphthalate	149	13.194	13.194	(0.920)	333885	20.0000	18
81	Benzo(b)fluoranthene	252	13.726	13.726	(0.957)	386716	20.0000	19
82	Benzo(k)fluoranthene	252	13.769	13.769	(0.960)	391482	20.0000	19
83	Benzo(a)pyrene	252	14.238	14.238	(0.993)	322468	20.0000	20
84	Indeno(1,2,3-cd)pyrene	276	16.246	16.246	(1.133)	202422	20.0000	21
85	Dibenzo(a,h)anthracene	278	16.299	16.299	(1.137)	191440	20.0000	22
86	Benzo(g,h,i)perylene	276	16.753	16.753	(1.168)	189447	20.0000	24
167	Simazine	201	9.157	9.157	(0.970)	48006	20.0000	20
103	1,2,4,5-Tetrachlorobenzene	216	6.969	6.969	(0.884)	52150	25.0000	21
109	2,3,4,6-Tetrachlorophenol	232	8.243	8.243	(1.046)	64974	25.0000	22
119	Pentachloronitrobenzene	237	9.275	9.275	(0.983)	38126	25.0000	20

QC Flag Legend

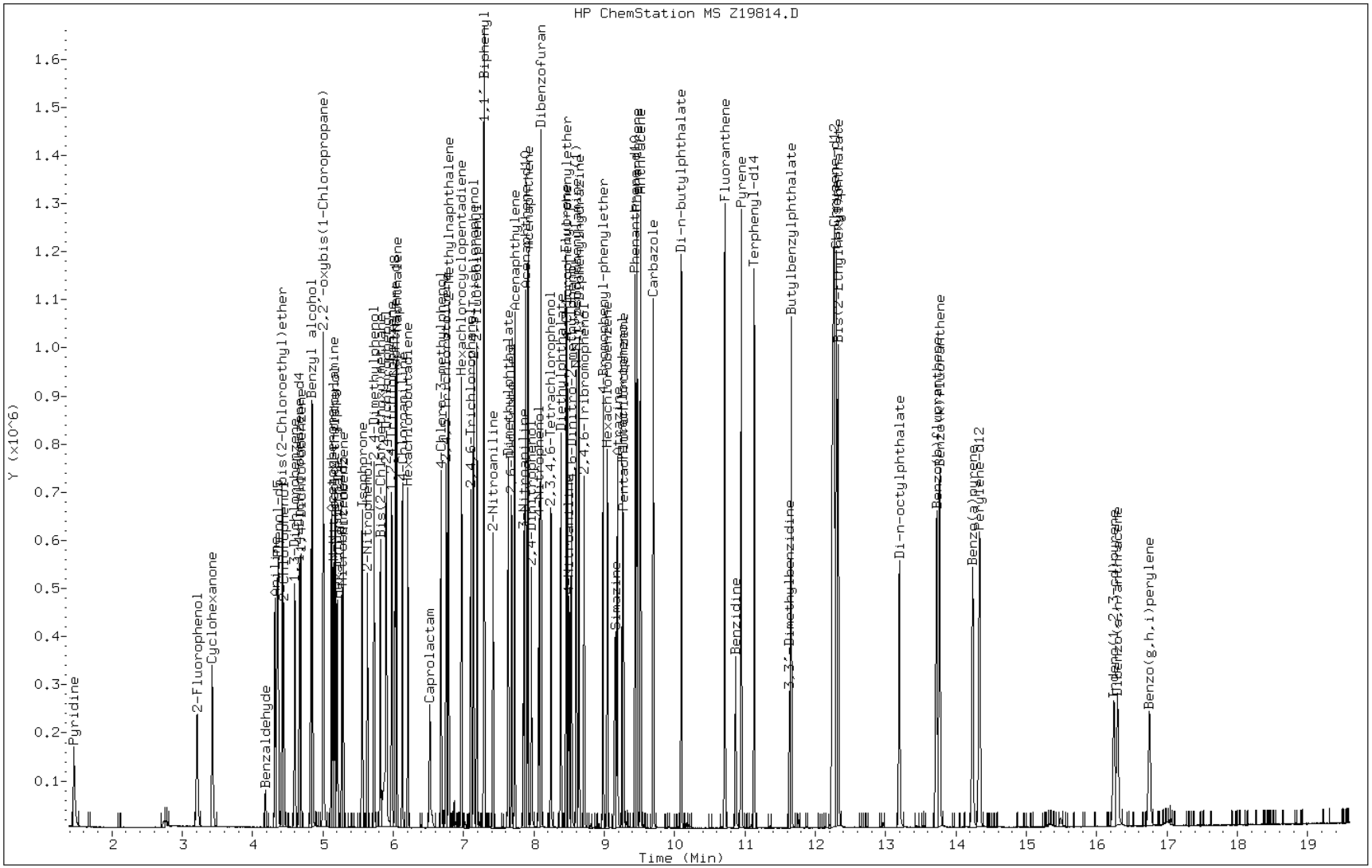
M - Compound response manually integrated.

Data File: Z19814.D

Date: 29-APR-2011 10:11

Client ID: IC-605842 Instrument: msz.i

Sample Info: IC-605842 Operator: S.Jonas



Manual Integration Report

Data File: Z19814.D
Inj. Date and Time: 29-APR-2011 10:11
Instrument ID: msz.i
Client ID: IC-605842
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/02/2011

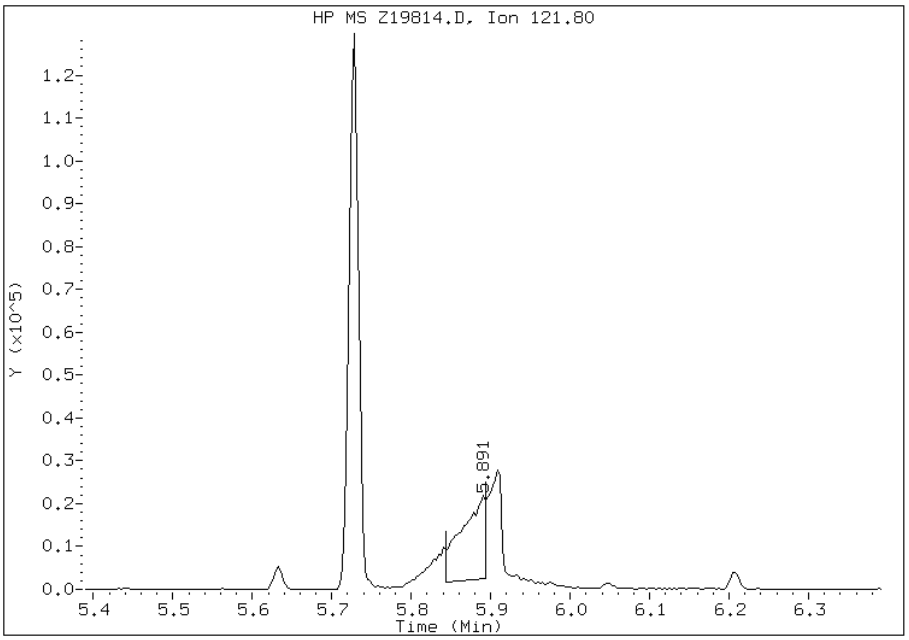
Processing Integration Results

RT: 5.89

Response: 42226

Amount: 15

Conc: 15



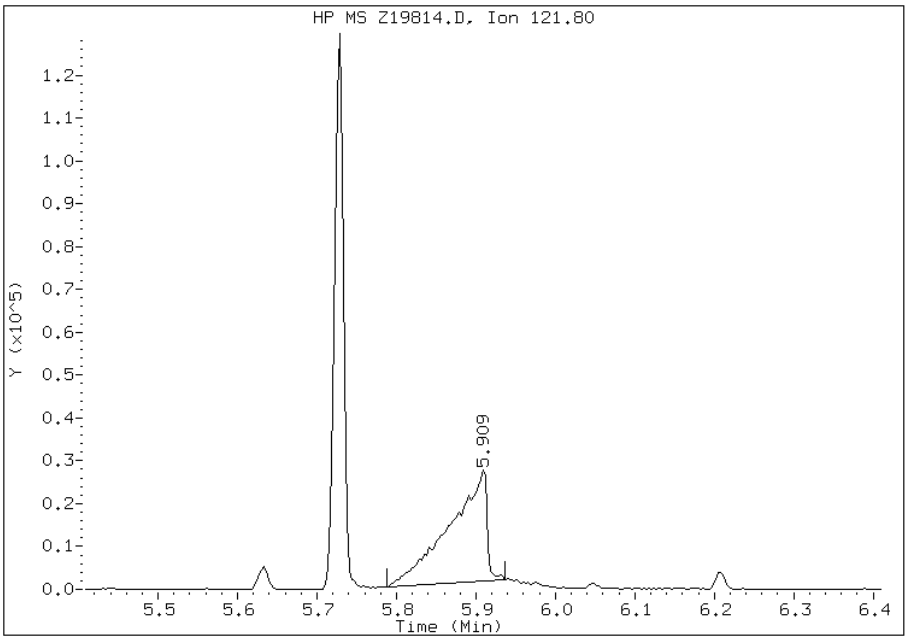
Manual Integration Results

RT: 5.91

Response: 83744

Amount: 27

Conc: 27



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19814.D
Inj. Date and Time: 29-APR-2011 10:11
Instrument ID: msz.i
Client ID: IC-605842
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/02/2011

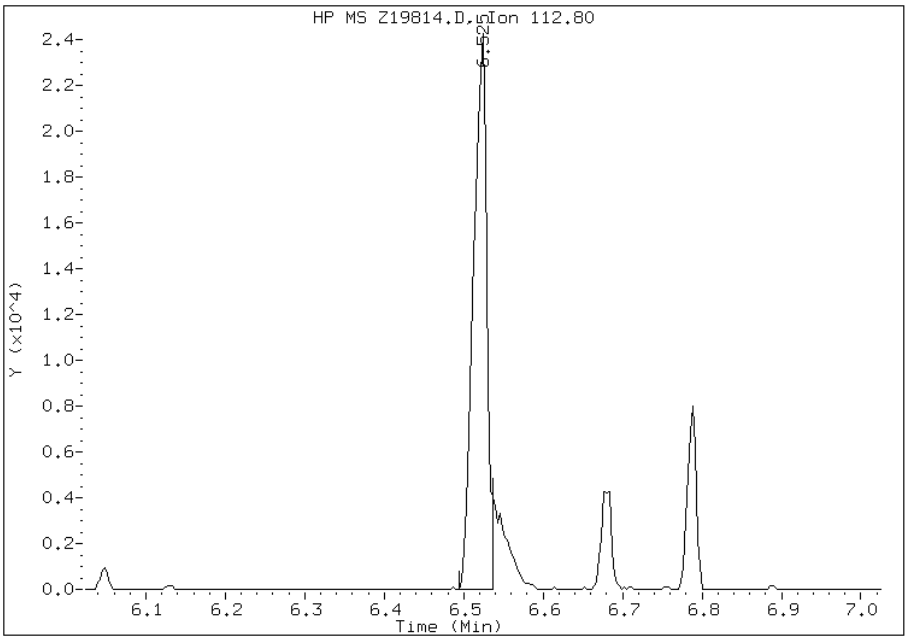
Processing Integration Results

RT: 6.52

Response: 29541

Amount: 19

Conc: 19



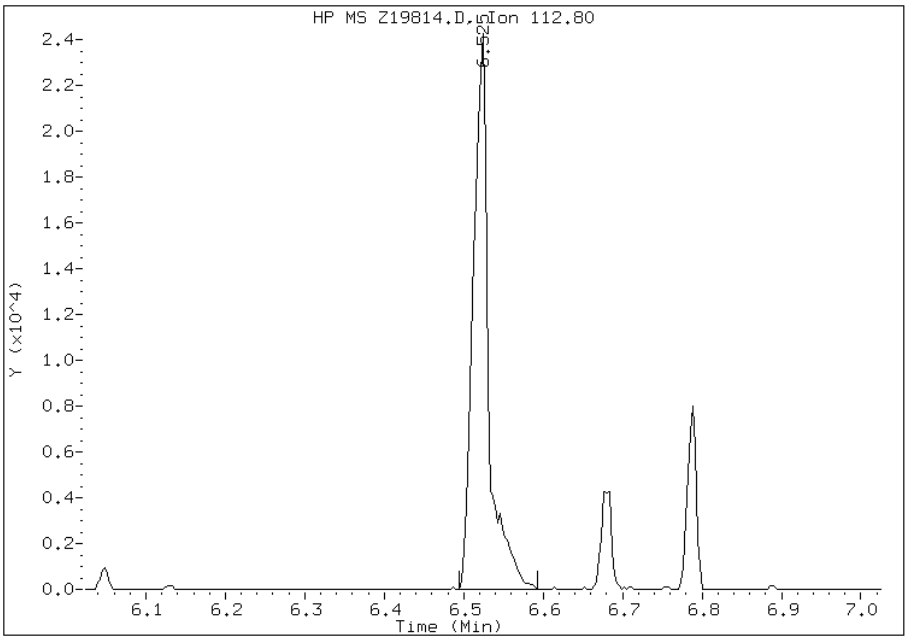
Manual Integration Results

RT: 6.52

Response: 34020

Amount: 21

Conc: 21



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\Z19815.D
Lab Smp Id: IC-605843 Client Smp ID: IC-605843
Inj Date : 29-APR-2011 10:38
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-605843
Misc Info :
Comment :
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Meth Date : 02-May-2011 07:58 msz.i Quant Type: ISTD
Cal Date : 29-APR-2011 12:28 Cal File: Za19819.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.668	4.668	(1.000)	71685	20.0000	
$ 2	2-Fluorophenol	112	3.217	3.217	(0.689)	268089	60.0000	63
$ 3	Phenol-d5	99	4.367	4.367	(0.935)	374158	60.0000	61
4	Pyridine	52	1.464	1.464	(0.314)	135092	60.0000	62
5	N-Nitrosodimethylamine	42	1.458	1.458	(0.312)	106104	60.0000	61
6	Cyclohexanone	42	3.431	3.431	(0.735)	249113	60.0000	60
128	Benzaldehyde	77	4.184	4.184	(0.896)	42949	60.0000	62
7	Phenol	94	4.383	4.383	(0.939)	390868	60.0000	60
8	Aniline	93	4.323	4.323	(0.926)	487557	60.0000	63
9	bis(2-Chloroethyl)ether	63	4.429	4.429	(0.949)	337271	60.0000	64
10	2-Chlorophenol	128	4.451	4.451	(0.953)	322351	60.0000	61
11	1,3-Dichlorobenzene	146	4.603	4.603	(0.986)	351458	60.0000	61
12	1,4-Dichlorobenzene	146	4.687	4.687	(1.004)	353410	60.0000	60
13	Benzyl alcohol	108	4.867	4.867	(1.043)	205350	60.0000	62
14	1,2-Dichlorobenzene	146	4.849	4.849	(1.039)	325454	60.0000	58
15	2,2'-oxybis(1-Chloropropane)	45	5.010	5.010	(1.073)	643077	60.0000	57
16	2-Methylphenol	108	5.020	5.020	(1.075)	288000	60.0000	59
92	Acetophenone	105	5.138	5.138	(1.101)	477562	60.0000	61
17	Hexachloroethane	117	5.203	5.203	(1.115)	171740	60.0000	61
18	N-Nitroso-di-n-propylamine	70	5.166	5.166	(1.107)	281096	60.0000	61

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.188	5.188	(1.111)	311500	60.0000	60
* 20	Naphthalene-d8	136	6.030	6.030	(1.000)	340123	20.0000	
$ 21	Nitrobenzene-d5	82	5.281	5.281	(0.876)	411693	60.0000	62
22	Nitrobenzene	77	5.303	5.303	(0.879)	413465	60.0000	60
23	Isophorone	82	5.573	5.573	(0.924)	745283	60.0000	62
24	2-Nitrophenol	139	5.641	5.641	(0.936)	196515	60.0000	62
25	2,4-Dimethylphenol	122	5.741	5.741	(0.952)	299364	60.0000	60
26	Benzoic Acid	122	5.958	5.958	(0.988)	219702	60.0000	64(M)
27	Bis(2-Chloroethoxy)methane	93	5.828	5.828	(0.966)	442402	60.0000	61
28	2,4-Dichlorophenol	162	5.915	5.915	(0.981)	275723	60.0000	60
29	1,2,4-Trichlorobenzene	180	5.983	5.983	(0.992)	311704	60.0000	59
30	Naphthalene	128	6.055	6.055	(1.004)	1001300	60.0000	58
31	4-Chloroaniline	127	6.139	6.139	(1.018)	420902	60.0000	62
32	Hexachlorobutadiene	225	6.210	6.210	(1.030)	192124	60.0000	60
129	Caprolactam	113	6.586	6.586	(1.092)	103915	60.0000	67(M)
33	4-Chloro-3-methylphenol	107	6.695	6.695	(1.110)	330545	60.0000	60
34	2-Methylnaphthalene	142	6.794	6.794	(1.127)	667252	60.0000	58
* 35	Acenaphthene-d10	164	7.882	7.882	(1.000)	218385	20.0000	
36	2,4,5-Trichlorotoluene	159	6.757	6.757	(1.447)	312555	60.0000	60
37	Hexachlorocyclopentadiene	237	6.972	6.972	(0.884)	218584	60.0000	66
38	2,4,6-Trichlorophenol	196	7.111	7.111	(0.902)	205832	60.0000	60
39	2,4,5-Trichlorophenol	196	7.155	7.155	(0.908)	218845	60.0000	62
$ 40	2-Fluorobiphenyl	172	7.195	7.195	(0.913)	714697	60.0000	58
130	1,1'-Biphenyl	154	7.298	7.298	(0.926)	764870	60.0000	54
41	2-Chloronaphthalene	162	7.304	7.304	(0.927)	603559	60.0000	56
42	2-Nitroaniline	65	7.432	7.432	(0.943)	271901	60.0000	62
43	Acenaphthylene	152	7.733	7.733	(0.981)	1071354	60.0000	59
44	Dimethylphthalate	163	7.646	7.646	(0.970)	801604	60.0000	61
45	2,6-Dinitrotoluene	165	7.699	7.699	(0.977)	190461	60.0000	61
46	Acenaphthene	153	7.923	7.923	(1.005)	703242	60.0000	58
47	3-Nitroaniline	138	7.870	7.870	(0.998)	207004	60.0000	62
48	2,4-Dinitrophenol	184	7.975	7.975	(1.012)	130432	60.0000	60
49	Dibenzofuran	168	8.106	8.106	(1.028)	923514	60.0000	58
50	2,4-Dinitrotoluene	165	8.118	8.118	(1.030)	253660	60.0000	60
51	4-Nitrophenol	109	8.090	8.090	(1.026)	135820	60.0000	68
52	Fluorene	166	8.467	8.467	(1.074)	770737	60.0000	58
53	4-Chlorophenyl-phenylether	204	8.479	8.479	(1.076)	375886	60.0000	58
54	Diethylphthalate	149	8.392	8.392	(1.065)	835693	60.0000	61
55	4-Nitroaniline	138	8.529	8.529	(1.082)	212777	60.0000	64
$ 56	2,4,6-Tribromophenol	330	8.725	8.725	(1.107)	130830	60.0000	61
* 57	Phenanthrene-d10	188	9.446	9.446	(1.000)	389410	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.557	8.557	(0.906)	176362	60.0000	66
59	N-Nitrosodiphenylamine (1)	169	8.616	8.616	(0.912)	570330	60.0000	59
60	1,2-Diphenylhydrazine	77	8.647	8.647	(0.915)	986687	60.0000	59
61	4-Bromophenyl-phenylether	248	8.992	8.992	(0.952)	228713	60.0000	59
131	Atrazine	200	9.209	9.209	(0.975)	252642	60.0000	65
62	Hexachlorobenzene	284	9.054	9.054	(0.959)	257018	60.0000	59
63	Pentachlorophenol	266	9.265	9.265	(0.981)	154392	60.0000	67
64	Phenanthrene	178	9.474	9.474	(1.003)	1218887	60.0000	58
65	Carbazole	167	9.710	9.710	(1.028)	1122649	60.0000	59
66	Anthracene	178	9.530	9.530	(1.009)	1257213	60.0000	58
67	Di-n-butylphthalate	149	10.105	10.105	(1.070)	1489934	60.0000	60
68	Fluoranthene	202	10.726	10.726	(1.136)	1378826	60.0000	60
* 70	Chrysene-d12	240	12.280	12.280	(1.000)	413829	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.872	10.872	(0.885)	360331	60.0000	63
72	Pyrene	202	10.959	10.959	(0.892)	1396498	60.0000	60
$ 73	Terphenyl-d14	244	11.140	11.140	(0.907)	939262	60.0000	60
74	Butylbenzylphthalate	149	11.665	11.665	(0.950)	648862	60.0000	64
124	3,3'-Dimethylbenzidine	212	11.637	11.637	(0.948)	286563	60.0000	62
75	3,3'-Dichlorobenzidine	252	12.252	12.252	(0.998)	358661	60.0000	63
76	Benzo(a)anthracene	228	12.265	12.265	(0.999)	1261260	60.0000	60
77	Chrysene	228	12.318	12.318	(1.003)	1199655	60.0000	60
78	Bis(2-Ethylhexyl)phthalate	149	12.333	12.333	(1.004)	824869	60.0000	66
* 79	Perylene-d12	264	14.338	14.338	(1.000)	264230	20.0000	
80	Di-n-octylphthalate	149	13.203	13.203	(0.921)	1092051	60.0000	62
81	Benzo(b)fluoranthene	252	13.741	13.741	(0.958)	975960	60.0000	68
82	Benzo(k)fluoranthene	252	13.791	13.791	(0.962)	961595	60.0000	67
83	Benzo(a)pyrene	252	14.254	14.254	(0.994)	729847	60.0000	64
84	Indeno(1,2,3-cd)pyrene	276	16.255	16.255	(1.134)	326307	60.0000	47
85	Dibenzo(a,h)anthracene	278	16.308	16.308	(1.137)	322222	60.0000	52(M)
86	Benzo(g,h,i)perylene	276	16.762	16.762	(1.169)	303014	60.0000	56
167	Simazine	201	9.185	9.185	(0.972)	154054	60.0000	65
103	1,2,4,5-Tetrachlorobenzene	216	6.975	6.975	(0.885)	142586	60.0000	61
109	2,3,4,6-Tetrachlorophenol	232	8.249	8.249	(1.047)	186071	60.0000	64
119	Pentachloronitrobenzene	237	9.284	9.284	(0.983)	111499	60.0000	62

QC Flag Legend

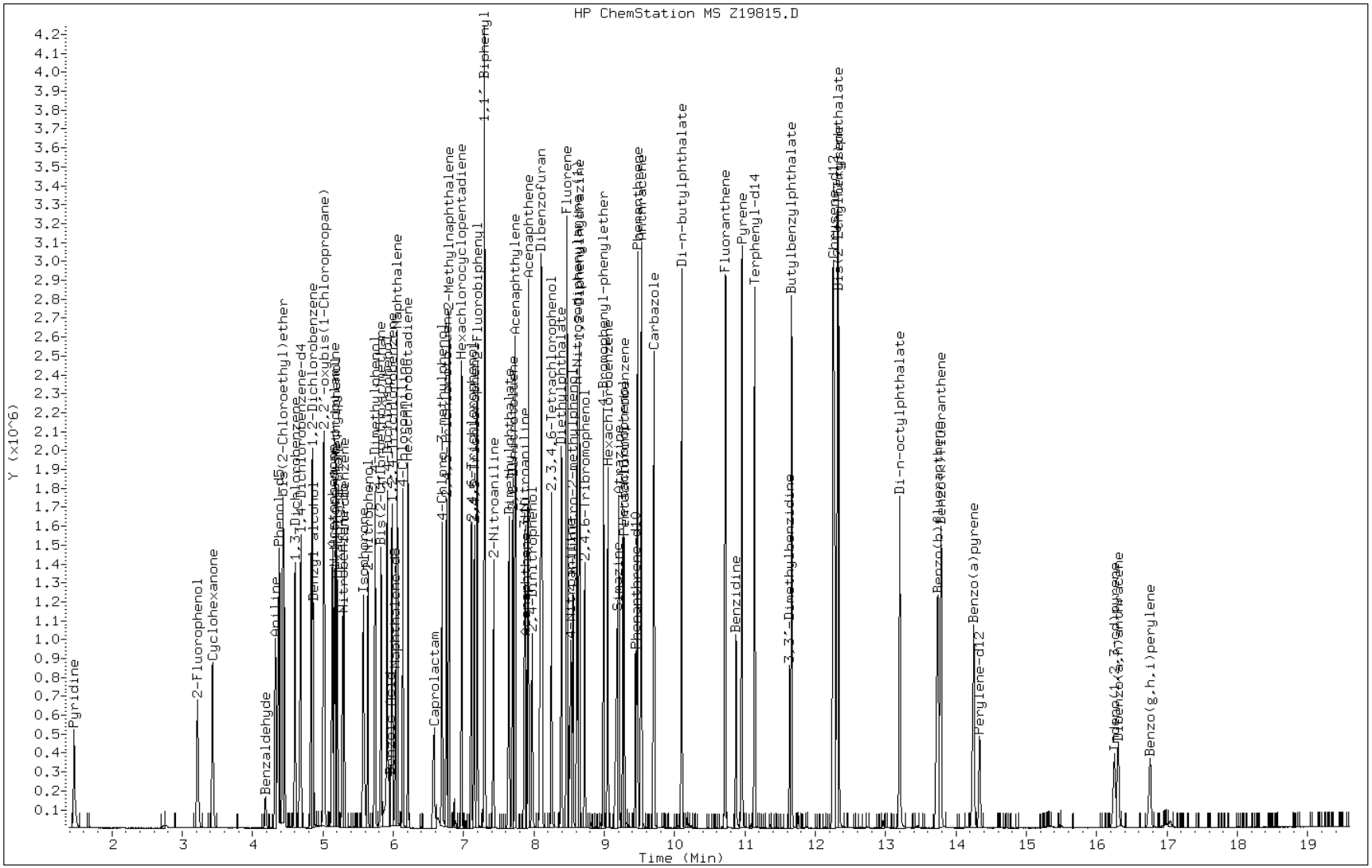
M - Compound response manually integrated.

Data File: Z19815.D

Date: 29-APR-2011 10:38

Client ID: IC-605843 Instrument: msz.i

Sample Info: IC-605843 Operator: S.Jonas



Manual Integration Report

Data File: Z19815.D
Inj. Date and Time: 29-APR-2011 10:38
Instrument ID: msz.i
Client ID: IC-605843
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/02/2011

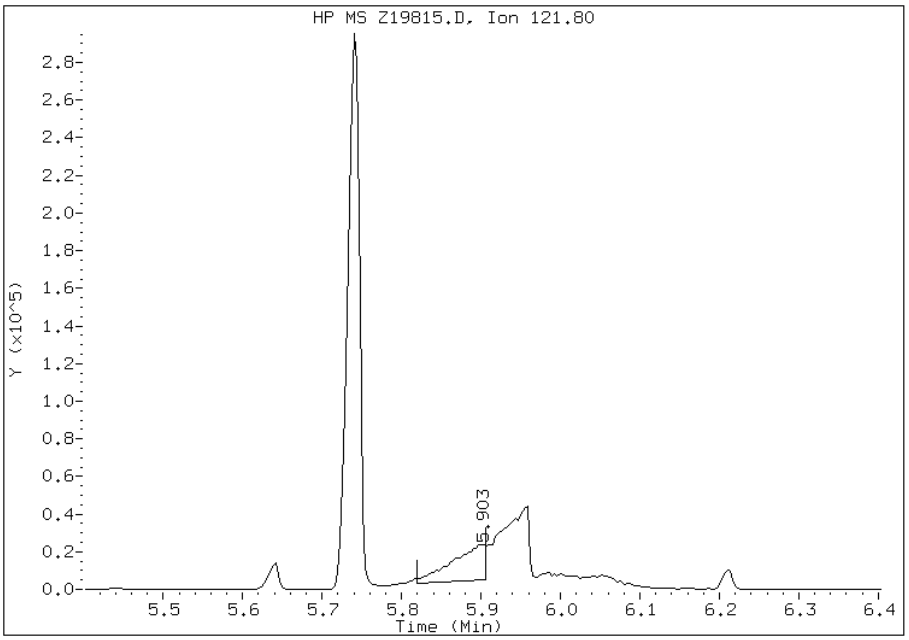
Processing Integration Results

RT: 5.90

Response: 56478

Amount: 21

Conc: 21



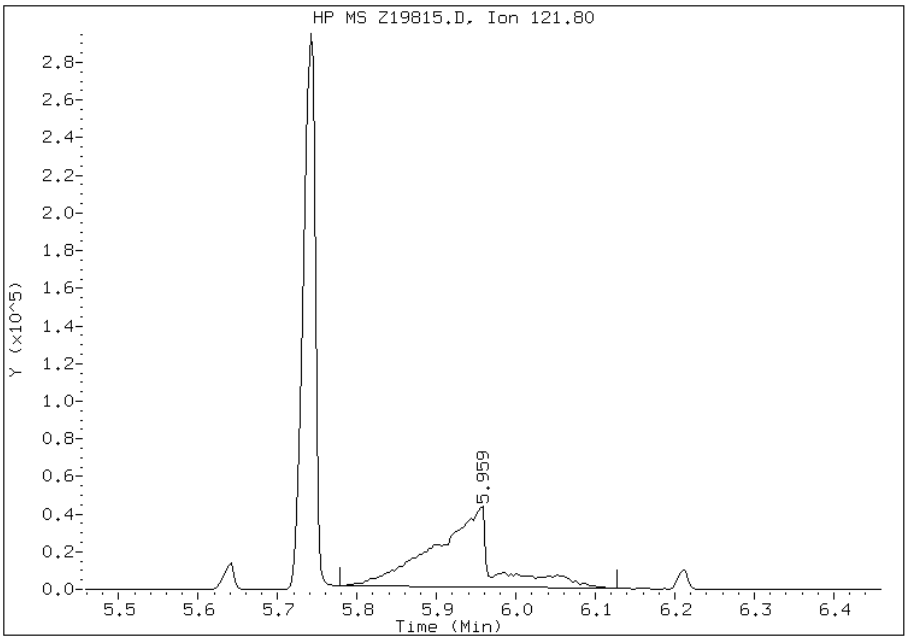
Manual Integration Results

RT: 5.96

Response: 219702

Amount: 64

Conc: 64



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19815.D
Inj. Date and Time: 29-APR-2011 10:38
Instrument ID: msz.i
Client ID: IC-605843
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/02/2011

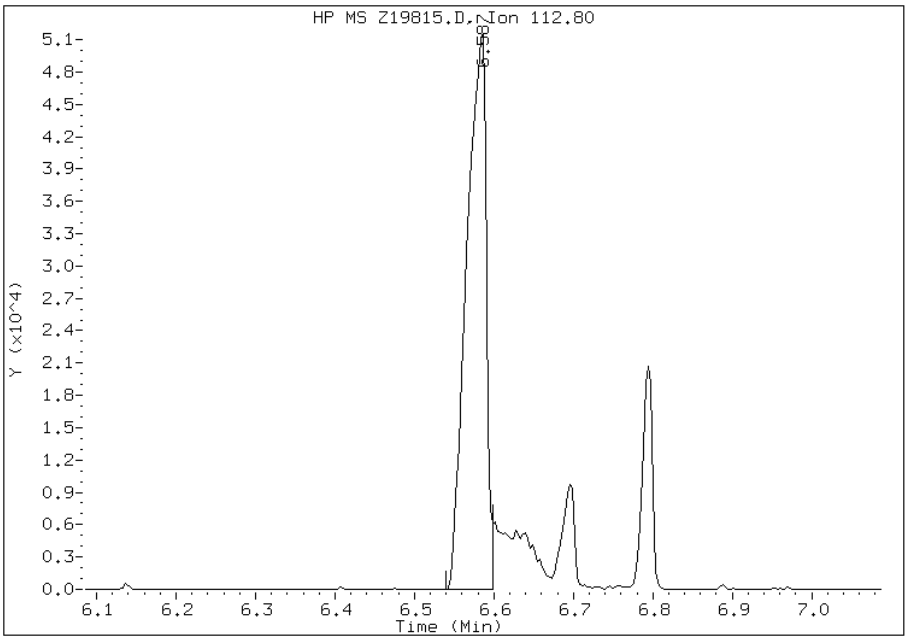
Processing Integration Results

RT: 6.59

Response: 90912

Amount: 60

Conc: 60



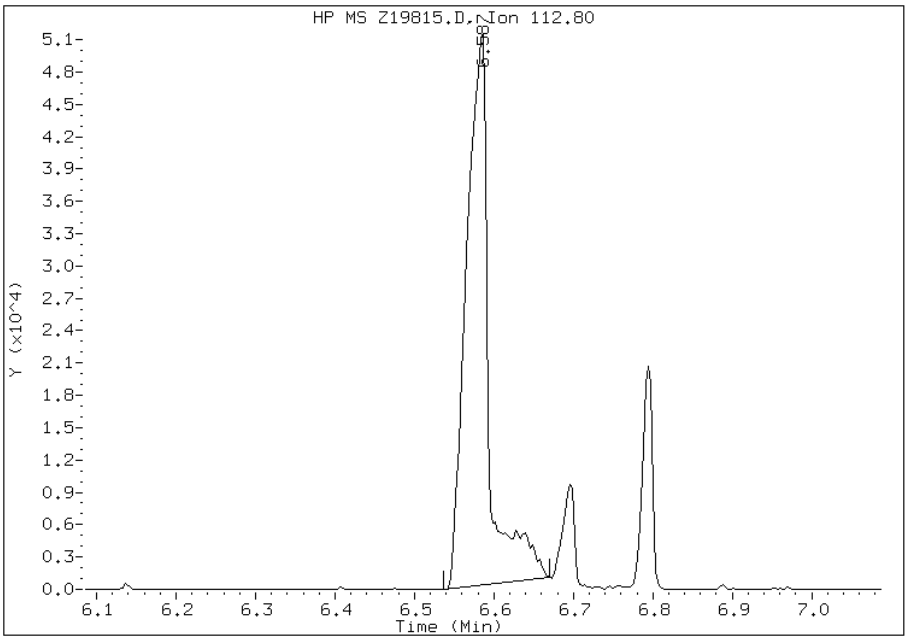
Manual Integration Results

RT: 6.59

Response: 103915

Amount: 67

Conc: 67



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

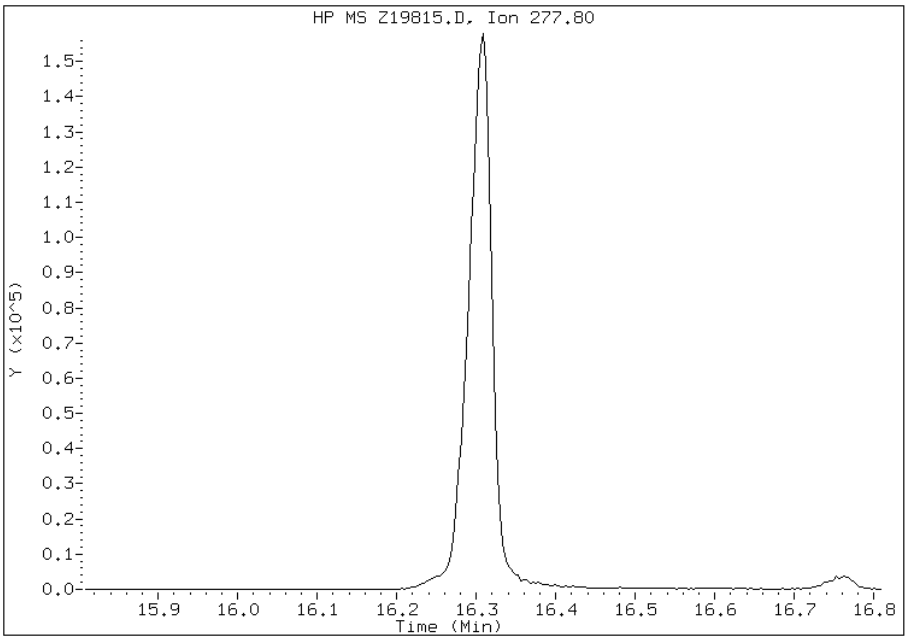
Manual Integration Report

Data File: Z19815.D
Inj. Date and Time: 29-APR-2011 10:38
Instrument ID: msz.i
Client ID: IC-605843
Compound: 85 Dibenzo(a,h)anthracene
CAS #: 53-70-3
Report Date: 05/02/2011

Processing Integration Results

Not Detected

Expected RT: 16.31



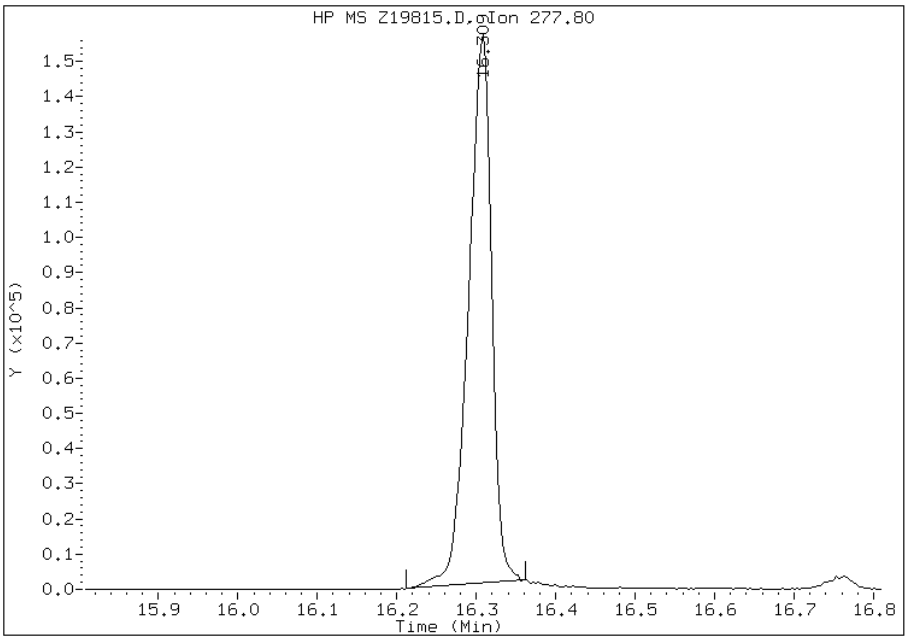
Manual Integration Results

RT: 16.31

Response: 322222

Amount: 52

Conc: 52



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak identification

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\Z19816.D
Lab Smp Id: IC-605844 Client Smp ID: IC-605844
Inj Date : 29-APR-2011 11:06
Operator : S.Jonas Inst ID: msz.i
Smp Info : IC-605844
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\MSZ-8270C.m
Meth Date : 02-May-2011 07:58 msz.i Quant Type: ISTD
Cal Date : 29-APR-2011 13:22 Cal File: Za19821.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.669	4.669	(1.000)	69843	20.0000	
$ 2	2-Fluorophenol	112	3.220	3.220	(0.690)	338387	80.0000	81(A)
$ 3	Phenol-d5	99	4.373	4.373	(0.937)	473730	80.0000	79
4	Pyridine	52	1.467	1.467	(0.314)	174439	80.0000	82(A)
5	N-Nitrosodimethylamine	42	1.464	1.464	(0.314)	136375	80.0000	80
6	Cyclohexanone	42	3.435	3.435	(0.736)	304341	80.0000	75
128	Benzaldehyde	77	4.184	4.184	(0.896)	43746	80.0000	64
7	Phenol	94	4.392	4.392	(0.941)	487560	80.0000	77
8	Aniline	93	4.327	4.327	(0.927)	620201	80.0000	82(A)
9	bis(2-Chloroethyl)ether	63	4.432	4.432	(0.949)	431963	80.0000	84(A)
10	2-Chlorophenol	128	4.457	4.457	(0.955)	400166	80.0000	77
11	1,3-Dichlorobenzene	146	4.606	4.606	(0.987)	439345	80.0000	78
12	1,4-Dichlorobenzene	146	4.687	4.687	(1.004)	443977	80.0000	77
13	Benzyl alcohol	108	4.874	4.874	(1.044)	257947	80.0000	80(A)
14	1,2-Dichlorobenzene	146	4.852	4.852	(1.039)	403387	80.0000	74
15	2,2'-oxybis(1-Chloropropane)	45	5.010	5.010	(1.073)	802482	80.0000	73
16	2-Methylphenol	108	5.026	5.026	(1.077)	359571	80.0000	75
92	Acetophenone	105	5.144	5.144	(1.102)	611043	80.0000	80
17	Hexachloroethane	117	5.206	5.206	(1.115)	213649	80.0000	78
18	N-Nitroso-di-n-propylamine	70	5.172	5.172	(1.108)	350416	80.0000	78

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.194	5.194	(1.112)	373321	80.0000	74
*	20 Naphthalene-d8	136	6.033	6.033	(1.000)	333503	20.0000	
$	21 Nitrobenzene-d5	82	5.287	5.287	(0.876)	528413	80.0000	81(A)
	22 Nitrobenzene	77	5.309	5.309	(0.880)	527412	80.0000	79
	23 Isophorone	82	5.579	5.579	(0.925)	953397	80.0000	81(A)
	24 2-Nitrophenol	139	5.645	5.645	(0.936)	244688	80.0000	78
	25 2,4-Dimethylphenol	122	5.747	5.747	(0.953)	372000	80.0000	76
	26 Benzoic Acid	122	5.977	5.977	(0.991)	276612	80.0000	78(M)
	27 Bis(2-Chloroethoxy)methane	93	5.831	5.831	(0.967)	555894	80.0000	78
	28 2,4-Dichlorophenol	162	5.918	5.918	(0.981)	345447	80.0000	76
	29 1,2,4-Trichlorobenzene	180	5.986	5.986	(0.992)	383868	80.0000	74
	30 Naphthalene	128	6.058	6.058	(1.004)	1252868	80.0000	75
	31 4-Chloroaniline	127	6.142	6.142	(1.018)	523990	80.0000	78
	32 Hexachlorobutadiene	225	6.213	6.213	(1.030)	243040	80.0000	78
	129 Caprolactam	113	6.605	6.605	(1.095)	121085	80.0000	79
	33 4-Chloro-3-methylphenol	107	6.701	6.701	(1.111)	416046	80.0000	78
	34 2-Methylnaphthalene	142	6.798	6.798	(1.127)	831257	80.0000	74
*	35 Acenaphthene-d10	164	7.885	7.885	(1.000)	209126	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.760	6.760	(1.448)	394351	80.0000	78
	37 Hexachlorocyclopentadiene	237	6.975	6.975	(0.885)	269730	80.0000	86(A)
	38 2,4,6-Trichlorophenol	196	7.115	7.115	(0.902)	259399	80.0000	79
	39 2,4,5-Trichlorophenol	196	7.161	7.161	(0.908)	274851	80.0000	81(A)
$	40 2-Fluorobiphenyl	172	7.202	7.202	(0.913)	896534	80.0000	76
	130 1,1'-Biphenyl	154	7.301	7.301	(0.926)	924379	80.0000	68
	41 2-Chloronaphthalene	162	7.310	7.310	(0.927)	741897	80.0000	71
	42 2-Nitroaniline	65	7.435	7.435	(0.943)	344701	80.0000	82(A)
	43 Acenaphthylene	152	7.736	7.736	(0.981)	1330709	80.0000	76
	44 Dimethylphthalate	163	7.652	7.652	(0.970)	1016300	80.0000	81(A)
	45 2,6-Dinitrotoluene	165	7.705	7.705	(0.977)	240889	80.0000	81(A)
	46 Acenaphthene	153	7.926	7.926	(1.005)	876781	80.0000	76
	47 3-Nitroaniline	138	7.876	7.876	(0.999)	258693	80.0000	80(A)
	48 2,4-Dinitrophenol	184	7.982	7.982	(1.012)	170709	80.0000	80(A)
	49 Dibenzofuran	168	8.109	8.109	(1.028)	1118292	80.0000	73
	50 2,4-Dinitrotoluene	165	8.125	8.125	(1.030)	318869	80.0000	79
	51 4-Nitrophenol	109	8.097	8.097	(1.027)	173298	80.0000	90(A)
	52 Fluorene	166	8.470	8.470	(1.074)	937811	80.0000	73
	53 4-Chlorophenyl-phenylether	204	8.482	8.482	(1.076)	452138	80.0000	72
	54 Diethylphthalate	149	8.398	8.398	(1.065)	1050051	80.0000	80(A)
	55 4-Nitroaniline	138	8.538	8.538	(1.083)	272777	80.0000	85(A)
$	56 2,4,6-Tribromophenol	330	8.728	8.728	(1.107)	164843	80.0000	80(A)
*	57 Phenanthrene-d10	188	9.449	9.449	(1.000)	381522	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.563	8.563	(0.906)	225540	80.0000	87(A)
	59 N-Nitrosodiphenylamine (1)	169	8.622	8.622	(0.913)	713368	80.0000	76
	60 1,2-Diphenylhydrazine	77	8.653	8.653	(0.916)	1233936	80.0000	75
	61 4-Bromophenyl-phenylether	248	8.995	8.995	(0.952)	285920	80.0000	76
	131 Atrazine	200	9.216	9.216	(0.975)	320660	80.0000	84(A)
	62 Hexachlorobenzene	284	9.057	9.057	(0.959)	317525	80.0000	75
	63 Pentachlorophenol	266	9.272	9.272	(0.981)	200094	80.0000	88(A)
	64 Phenanthrene	178	9.480	9.480	(1.003)	1509662	80.0000	74
	65 Carbazole	167	9.713	9.713	(1.028)	1407635	80.0000	76
	66 Anthracene	178	9.533	9.533	(1.009)	1556217	80.0000	74
	67 Di-n-butylphthalate	149	10.108	10.108	(1.070)	1853764	80.0000	76
	68 Fluoranthene	202	10.729	10.729	(1.136)	1726302	80.0000	76
*	70 Chrysene-d12	240	12.283	12.283	(1.000)	398867	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.879	10.879	(0.886)	418379	80.0000	76
72	Pyrene	202	10.966	10.966	(0.893)	1753832	80.0000	78
$ 73	Terphenyl-d14	244	11.143	11.143	(0.907)	1162547	80.0000	78
74	Butylbenzylphthalate	149	11.668	11.668	(0.950)	815706	80.0000	83(A)
124	3,3'-Dimethylbenzidine	212	11.640	11.640	(0.948)	325667	80.0000	78
75	3,3'-Dichlorobenzidine	252	12.259	12.259	(0.998)	426889	80.0000	77
76	Benzo(a)anthracene	228	12.271	12.271	(0.999)	1550796	80.0000	77
77	Chrysene	228	12.321	12.321	(1.003)	1441292	80.0000	75
78	Bis(2-Ethylhexyl)phthalate	149	12.336	12.336	(1.004)	1019922	80.0000	84(A)
* 79	Perylene-d12	264	14.341	14.341	(1.000)	221108	20.0000	
80	Di-n-octylphthalate	149	13.207	13.207	(0.921)	1372202	80.0000	79
81	Benzo(b)fluoranthene	252	13.744	13.744	(0.958)	1103432	80.0000	92(A)
82	Benzo(k)fluoranthene	252	13.794	13.794	(0.962)	1109249	80.0000	92(A)
83	Benzo(a)pyrene	252	14.257	14.257	(0.994)	801269	80.0000	84(A)
84	Indeno(1,2,3-cd)pyrene	276	16.262	16.262	(1.134)	380703	80.0000	66
85	Dibenzo(a,h)anthracene	278	16.312	16.312	(1.137)	382174	80.0000	73
86	Benzo(g,h,i)perylene	276	16.768	16.768	(1.169)	368285	80.0000	82(A)
167	Simazine	201	9.194	9.194	(0.973)	199143	80.0000	85(A)
103	1,2,4,5-Tetrachlorobenzene	216	6.978	6.978	(0.885)	177437	80.0000	79
109	2,3,4,6-Tetrachlorophenol	232	8.255	8.255	(1.047)	232141	80.0000	84(A)
119	Pentachloronitrobenzene	237	9.287	9.287	(0.983)	142357	80.0000	80(A)

QC Flag Legend

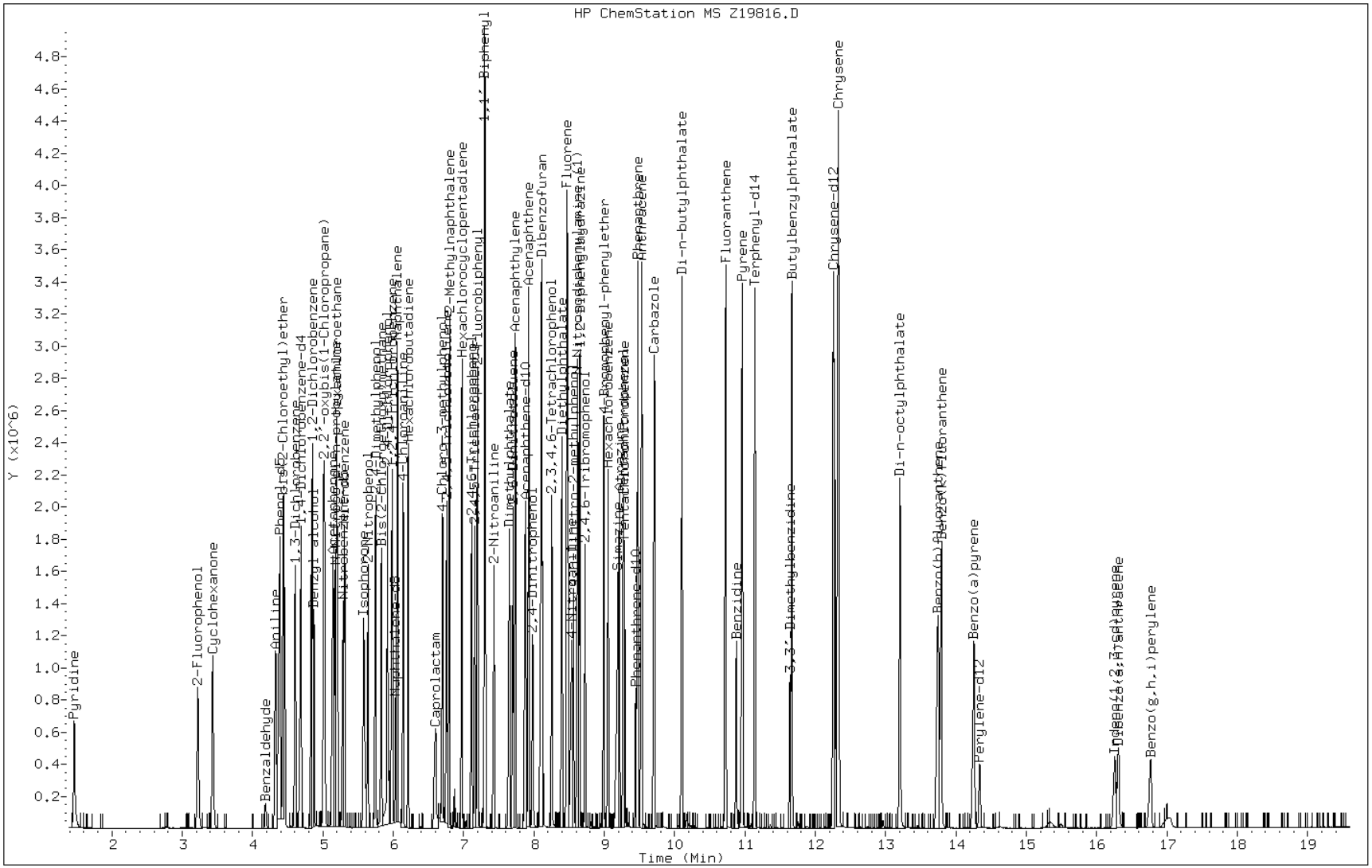
A - Target compound detected but, quantitated amount
    exceeded maximum amount.
M - Compound response manually integrated.

Data File: Z19816.D

Date: 29-APR-2011 11:06

Client ID: IC-605844 Instrument: msz.i

Sample Info: IC-605844 Operator: S.Jonas



Manual Integration Report

Data File: Z19816.D
Inj. Date and Time: 29-APR-2011 11:06
Instrument ID: msz.i
Client ID: IC-605844
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/02/2011

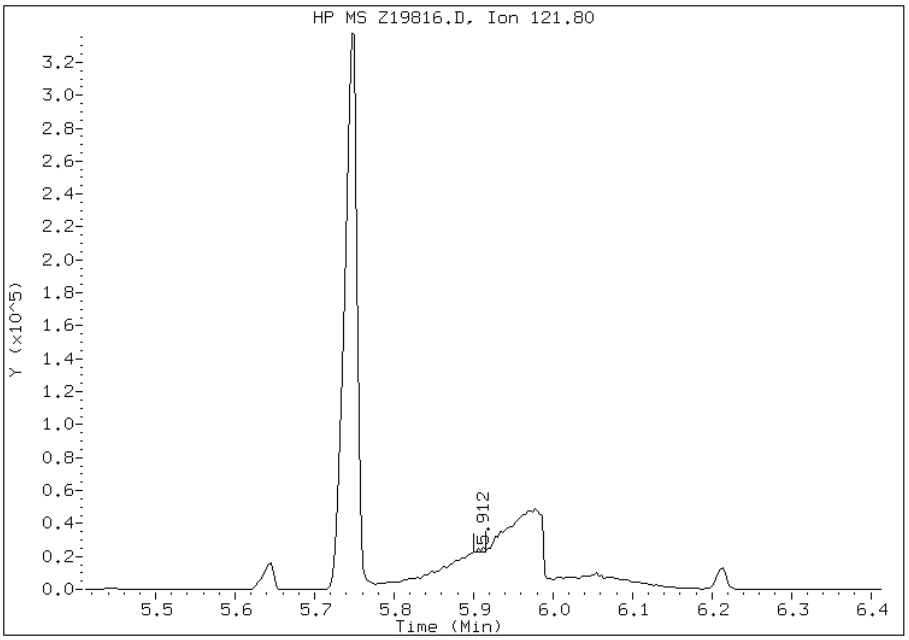
Processing Integration Results

RT: 5.91

Response: 1580

Amount: 1

Conc: 1



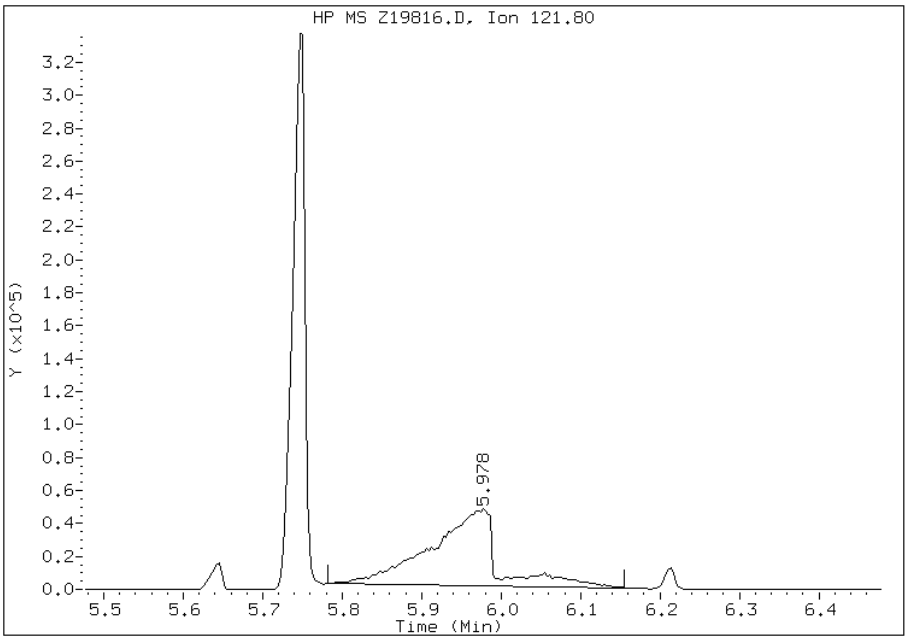
Manual Integration Results

RT: 5.98

Response: 276612

Amount: 78

Conc: 78



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50341/1 Calibration Date: 05/02/2011 09:48

Instrument ID: MSC Calib Start Date: 04/29/2011 11:04

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 04/29/2011 13:58

Lab File ID: C23014.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.2905	0.3006	0.0500	41.4	40.0	3.5	30.0
Pyridine	Ave	0.3779	0.4098	0.0500	43.4	40.0	8.4	30.0
Cyclohexanone	Ave	0.7686	0.7559	0.0500	39.3	40.0	-1.7	30.0
Benzaldehyde	Ave	0.1635	0.2348	0.0500	57.4	40.0	43.6*	30.0
Aniline	Ave	2.096	2.178	0.0500	41.6	40.0	3.9	30.0
Phenol	Ave	1.859	1.809	0.0500	38.9	40.0	-2.7	20.0
Bis(2-chloroethyl)ether	Ave	1.075	1.057	0.0500	39.3	40.0	-1.7	30.0
2-Chlorophenol	Ave	1.490	1.509	0.0500	40.5	40.0	1.2	30.0
1,3-Dichlorobenzene	Ave	1.596	1.598	0.0500	40.0	40.0	0.1	30.0
1,4-Dichlorobenzene	Ave	1.612	1.638	0.0500	40.6	40.0	1.6	20.0
1,2-Dichlorobenzene	Ave	1.516	1.525	0.0500	40.3	40.0	0.6	30.0
Benzyl alcohol	Ave	0.9222	0.8781	0.0500	38.1	40.0	-4.8	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.863	1.840	0.0500	39.5	40.0	-1.3	30.0
2-Methylphenol	Ave	1.334	1.298	0.0500	38.9	40.0	-2.7	30.0
Acetophenone	Ave	1.899	1.930	0.0500	40.7	40.0	1.6	30.0
N-Nitrosodi-n-propylamine	Ave	0.9652	0.9835	0.0500	40.8	40.0	1.9	30.0
Methylphenol, 3 & 4	Ave	1.401	1.374	0.0500	39.2	40.0	-1.9	30.0
Hexachloroethane	Ave	0.6991	0.7030	0.0500	40.2	40.0	0.6	30.0
Nitrobenzene	Ave	0.3564	0.3567	0.0500	40.0	40.0	0.0	30.0
Isophorone	Ave	0.6441	0.6605	0.0500	41.0	40.0	2.5	30.0
2-Nitrophenol	Ave	0.2019	0.2031	0.0500	40.2	40.0	0.6	20.0
2,4-Dimethylphenol	Ave	0.3216	0.3104	0.0500	38.6	40.0	-3.5	30.0
Bis(2-chloroethoxy)methane	Ave	0.4155	0.4135	0.0500	39.8	40.0	-0.5	30.0
2,4-Dichlorophenol	Ave	0.2874	0.2924	0.0500	40.7	40.0	1.8	20.0
Benzoic acid	Lin	0.2073	0.2194	0.0500	38.2	40.0	-4.6	30.0
1,2,4-Trichlorobenzene	Ave	0.2973	0.2934	0.0500	39.5	40.0	-1.3	30.0
Naphthalene	Ave	0.9754	0.9531	0.0500	39.1	40.0	-2.3	30.0
4-Chloroaniline	Ave	0.4093	0.4368	0.0500	42.7	40.0	6.7	30.0
Hexachlorobutadiene	Ave	0.1655	0.1668	0.0500	40.3	40.0	0.8	20.0
Caprolactam	Ave	0.0918	0.1039	0.0500	45.3	40.0	13.2	30.0
4-Chloro-3-methylphenol	Ave	0.2859	0.2932	0.0500	41.0	40.0	2.6	20.0
2,4,5-Trichlorotoluene	Ave	1.077	1.087	0.0500	40.4	40.0	0.9	30.0
2-Methylnaphthalene	Ave	0.6689	0.6620	0.0500	39.6	40.0	-1.0	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.2168	0.2220	0.0500	41.0	40.0	2.4	30.0
Hexachlorocyclopentadiene	Lin	0.2288	0.2955	0.0500	43.3	40.0	8.2	30.0
2,4,6-Trichlorophenol	Ave	0.3357	0.3369	0.0500	40.1	40.0	0.4	20.0
2,4,5-Trichlorophenol	Ave	0.3441	0.3273	0.0500	38.0	40.0	-4.9	30.0
1,1'-Biphenyl	Ave	1.309	1.297	0.0500	39.6	40.0	-0.9	30.0
2-Chloronaphthalene	Ave	1.064	1.041	0.0500	39.1	40.0	-2.2	30.0
2-Nitroaniline	Ave	0.2928	0.3010	0.0500	41.1	40.0	2.8	30.0
Dimethyl phthalate	Ave	1.136	1.160	0.0500	40.9	40.0	2.1	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50341/1 Calibration Date: 05/02/2011 09:48

Instrument ID: MSC Calib Start Date: 04/29/2011 11:04

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 04/29/2011 13:58

Lab File ID: C23014.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dinitrotoluene	Ave	0.2730	0.2769	0.0500	40.6	40.0	1.4	30.0
Acenaphthylene	Ave	1.712	1.668	0.0500	39.0	40.0	-2.6	30.0
3-Nitroaniline	Ave	0.3275	0.3516	0.0500	42.9	40.0	7.4	30.0
Acenaphthene	Ave	1.045	1.013	0.0500	38.8	40.0	-3.1	20.0
2,4-Dinitrophenol	Lin	0.1525	0.1628	0.0500	40.2	40.0	0.4	30.0
4-Nitrophenol	Ave	0.1625	0.1812	0.0500	44.6	40.0	11.5	30.0
Dibenzofuran	Ave	1.413	1.378	0.0500	39.0	40.0	-2.5	30.0
2,4-Dinitrotoluene	Ave	0.3464	0.3599	0.0500	41.6	40.0	3.9	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2385	0.2518	0.0500	42.2	40.0	5.6	30.0
Diethyl phthalate	Ave	1.145	1.180	0.0500	41.2	40.0	3.1	30.0
Fluorene	Ave	1.187	1.163	0.0500	39.2	40.0	-2.0	30.0
4-Chlorophenyl phenyl ether	Ave	0.5158	0.4897	0.0500	38.0	40.0	-5.1	30.0
4-Nitroaniline	Ave	0.3045	0.3432	0.0500	45.1	40.0	12.7	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1288	0.1385	0.0500	43.0	40.0	7.5	30.0
N-Nitrosodiphenylamine	Ave	0.5566	0.5367	0.0500	38.6	40.0	-3.6	20.0
1,2-Diphenylhydrazine	Ave	0.7339	0.6983	0.0500	38.1	40.0	-4.9	30.0
4-Bromophenyl phenyl ether	Ave	0.1936	0.1820	0.0500	37.6	40.0	-6.0	30.0
Hexachlorobenzene	Ave	0.2059	0.1939	0.0500	37.7	40.0	-5.8	30.0
Simazine	Ave	0.1285	0.1335	0.0500	41.6	40.0	3.9	30.0
Atrazine	Ave	0.1926	0.2040	0.0500	42.4	40.0	5.9	30.0
Pentachlorophenol	Ave	0.1215	0.1215	0.0500	40.0	40.0	0.0	20.0
Pentachloronitrobenzene	Ave	0.0889	0.0970	0.0500	43.6	40.0	9.1	30.0
Phenanthrene	Ave	1.075	1.014	0.0500	37.7	40.0	-5.7	30.0
Anthracene	Ave	1.122	1.048	0.0500	37.4	40.0	-6.6	30.0
Carbazole	Ave	1.037	1.009	0.0500	38.9	40.0	-2.7	30.0
Di-n-butyl phthalate	Ave	1.280	1.242	0.0500	38.8	40.0	-3.0	30.0
Fluoranthene	Ave	1.113	1.056	0.0500	37.9	40.0	-5.1	20.0
Benzidine	Lin	0.2833	0.3864	0.0500	45.0	40.0	12.4	30.0
Pyrene	Ave	1.207	1.249	0.0500	41.4	40.0	3.5	30.0
3,3'-Dimethylbenzidine	Lin	0.2323	0.2605	0.0500	46.2	40.0	15.4	30.0
Butyl benzyl phthalate	Ave	0.5600	0.5719	0.0500	40.8	40.0	2.1	30.0
3,3'-Dichlorobenzidine	Ave	0.2921	0.2919	0.0500	40.0	40.0	-0.0	30.0
Benzo[a]anthracene	Ave	1.010	0.9832	0.0500	38.9	40.0	-2.6	30.0
Chrysene	Ave	0.9683	0.9798	0.0500	40.5	40.0	1.2	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.7064	0.7667	0.0500	43.4	40.0	8.5	30.0
Di-n-octyl phthalate	Lin	1.620	1.808	0.0500	33.5	40.0	-16.3	20.0
Benzo[b]fluoranthene	Ave	1.281	1.313	0.0500	41.0	40.0	2.5	30.0
Benzo[k]fluoranthene	Ave	1.286	1.399	0.0500	43.5	40.0	8.8	30.0
Benzo[a]pyrene	Ave	0.9780	1.003	0.0500	41.0	40.0	2.6	20.0
Indeno[1,2,3-cd]pyrene	Qua	0.6072	0.5744	0.0500	35.7	40.0	-10.7	30.0
Dibenz(a,h)anthracene	Qua	0.5585	0.5453	0.0500	35.8	40.0	-10.4	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50341/1 Calibration Date: 05/02/2011 09:48

Instrument ID: MSC Calib Start Date: 04/29/2011 11:04

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 04/29/2011 13:58

Lab File ID: C23014.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Qua	0.5808	0.5801	0.0500	37.0	40.0	-7.4	30.0
2-Fluorophenol	Ave	1.423	1.437	0.0500	40.4	40.0	1.0	30.0
Phenol-d5	Ave	1.705	1.703	0.0500	39.9	40.0	-0.1	30.0
Nitrobenzene-d5	Ave	0.3530	0.3516	0.0500	39.8	40.0	-0.4	30.0
2-Fluorobiphenyl	Ave	1.140	1.092	0.0500	38.3	40.0	-4.2	30.0
2,4,6-Tribromophenol	Ave	0.1411	0.1435	0.0500	40.7	40.0	1.7	30.0
Terphenyl-d14	Ave	0.7442	0.7492	0.0500	40.3	40.0	0.7	30.0

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123013.b\C23014.D
Lab Smp Id: CCVIS-605031 Client Smp ID: CCVIS-605031
Inj Date : 02-MAY-2011 09:48
Operator : S.Jonas Inst ID: msc.i
Smp Info : CCVIS-605031
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123013.b\MSC-8270C.m
Meth Date : 02-May-2011 10:20 stephan Quant Type: ISTD
Cal Date : 29-APR-2011 11:04 Cal File: C22988.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.723	4.723	(1.000)	694816	20.0000	
$ 2	2-Fluorophenol	112	3.275	3.275	(0.693)	1996731	40.0000	40
$ 3	Phenol-d5	99	4.408	4.408	(0.933)	2366732	40.0000	40
4	Pyridine	52	1.512	1.512	(0.320)	569404	40.0000	43
5	N-Nitrosodimethylamine	42	1.500	1.500	(0.318)	417664	40.0000	41
6	Cyclohexanone	42	3.494	3.494	(0.740)	1050429	40.0000	39
128	Benzaldehyde	77	4.242	4.242	(0.898)	326251	40.0000	57
7	Phenol	94	4.420	4.420	(0.936)	2514027	40.0000	39
8	Aniline	93	4.379	4.379	(0.927)	3026832	40.0000	42
9	bis(2-Chloroethyl)ether	63	4.480	4.480	(0.948)	1468391	40.0000	39
10	2-Chlorophenol	128	4.503	4.503	(0.954)	2096816	40.0000	40
11	1,3-Dichlorobenzene	146	4.658	4.658	(0.986)	2220541	40.0000	40
12	1,4-Dichlorobenzene	146	4.741	4.741	(1.004)	2276502	40.0000	41
13	Benzyl alcohol	108	4.913	4.913	(1.040)	1220186	40.0000	38
14	1,2-Dichlorobenzene	146	4.901	4.901	(1.038)	2119368	40.0000	40
15	2,2'-oxybis(1-Chloropropane)	45	5.061	5.061	(1.072)	2556294	40.0000	39
16	2-Methylphenol	108	5.061	5.061	(1.072)	1804091	40.0000	39
92	Acetophenone	105	5.186	5.186	(1.098)	2681769	40.0000	41
17	Hexachloroethane	117	5.263	5.263	(1.114)	976934	40.0000	40
18	N-Nitroso-di-n-propylamine	70	5.210	5.210	(1.103)	1366649	40.0000	41

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
	19 4-Methylphenol	108	5.227	5.227	(1.107)	1908916	40.0000	39
*	20 Naphthalene-d8	136	6.082	6.082	(1.000)	2822837	20.0000	
$	21 Nitrobenzene-d5	82	5.328	5.328	(0.876)	1984867	40.0000	40
	22 Nitrobenzene	77	5.352	5.352	(0.880)	2013754	40.0000	40
	23 Isophorone	82	5.619	5.619	(0.924)	3728718	40.0000	41
	24 2-Nitrophenol	139	5.690	5.690	(0.936)	1146412	40.0000	40
	25 2,4-Dimethylphenol	122	5.785	5.785	(0.951)	1752114	40.0000	39
	26 Benzoic Acid	122	5.963	5.963	(0.980)	1238486	40.0000	38(M)
	27 Bis(2-Chloroethoxy)methane	93	5.874	5.874	(0.966)	2334271	40.0000	40
	28 2,4-Dichlorophenol	162	5.957	5.957	(0.980)	1651049	40.0000	41
	29 1,2,4-Trichlorobenzene	180	6.035	6.035	(0.992)	1656623	40.0000	39
	30 Naphthalene	128	6.106	6.106	(1.004)	5381032	40.0000	39
	31 4-Chloroaniline	127	6.189	6.189	(1.018)	2466048	40.0000	43
	32 Hexachlorobutadiene	225	6.266	6.266	(1.030)	941551	40.0000	40
	129 Caprolactam	113	6.610	6.610	(1.087)	586821	40.0000	45(M)
	33 4-Chloro-3-methylphenol	107	6.735	6.735	(1.107)	1655376	40.0000	41
	34 2-Methylnaphthalene	142	6.848	6.848	(1.126)	3737460	40.0000	40
*	35 Acenaphthene-d10	164	7.940	7.940	(1.000)	1637277	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.812	6.812	(1.442)	1510859	40.0000	40
	37 Hexachlorocyclopentadiene	237	7.026	7.026	(0.885)	967565	40.0000	43
	38 2,4,6-Trichlorophenol	196	7.162	7.162	(0.902)	1103073	40.0000	40
	39 2,4,5-Trichlorophenol	196	7.204	7.204	(0.907)	1071600	40.0000	38
$	40 2-Fluorobiphenyl	172	7.251	7.251	(0.913)	3575610	40.0000	38
	130 1,1'-Biphenyl	154	7.352	7.352	(0.926)	4247566	40.0000	40
	41 2-Chloronaphthalene	162	7.358	7.358	(0.927)	3407693	40.0000	39
	42 2-Nitroaniline	65	7.483	7.483	(0.942)	985578	40.0000	41
	43 Acenaphthylene	152	7.791	7.791	(0.981)	5460531	40.0000	39
	44 Dimethylphthalate	163	7.697	7.697	(0.969)	3798766	40.0000	41
	45 2,6-Dinitrotoluene	165	7.750	7.750	(0.976)	906684	40.0000	41
	46 Acenaphthene	153	7.975	7.975	(1.004)	3317052	40.0000	39
	47 3-Nitroaniline	138	7.922	7.922	(0.998)	1151237	40.0000	43
	48 2,4-Dinitrophenol	184	8.029	8.029	(1.011)	533051	40.0000	40
	49 Dibenzofuran	168	8.159	8.159	(1.028)	4510730	40.0000	39
	50 2,4-Dinitrotoluene	165	8.171	8.171	(1.029)	1178582	40.0000	42
	51 4-Nitrophenol	109	8.130	8.130	(1.024)	593466	40.0000	45
	52 Fluorene	166	8.522	8.522	(1.073)	3808706	40.0000	39
	53 4-Chlorophenyl-phenylether	204	8.533	8.533	(1.075)	1603423	40.0000	38
	54 Diethylphthalate	149	8.444	8.444	(1.064)	3864796	40.0000	41
	55 4-Nitroaniline	138	8.575	8.575	(1.080)	1123807	40.0000	45
$	56 2,4,6-Tribromophenol	330	8.777	8.777	(1.105)	469719	40.0000	41
*	57 Phenanthrene-d10	188	9.507	9.507	(1.000)	2541126	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.605	8.605	(0.905)	704033	40.0000	43
	59 N-Nitrosodiphenylamine (1)	169	8.670	8.670	(0.912)	2727840	40.0000	39
	60 1,2-Diphenylhydrazine	77	8.706	8.706	(0.916)	3548736	40.0000	38
	61 4-Bromophenyl-phenylether	248	9.050	9.050	(0.952)	924749	40.0000	38
	131 Atrazine	200	9.258	9.258	(0.974)	1036697	40.0000	42
	62 Hexachlorobenzene	284	9.109	9.109	(0.958)	985423	40.0000	38
	63 Pentachlorophenol	266	9.317	9.317	(0.980)	617636	40.0000	40
	64 Phenanthrene	178	9.531	9.531	(1.002)	5152991	40.0000	38
	65 Carbazole	167	9.762	9.762	(1.027)	5129992	40.0000	39
	66 Anthracene	178	9.584	9.584	(1.008)	5324475	40.0000	37
	67 Di-n-butylphthalate	149	10.160	10.160	(1.069)	6309864	40.0000	39
	68 Fluoranthene	202	10.783	10.783	(1.134)	5366245	40.0000	38
*	70 Chrysene-d12	240	12.356	12.356	(1.000)	2212504	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.931	10.931	(0.885)	1709757	40.0000	45
72	Pyrene	202	11.020	11.020	(0.892)	5527779	40.0000	41
$ 73	Terphenyl-d14	244	11.198	11.198	(0.906)	3315410	40.0000	40
74	Butylbenzylphthalate	149	11.727	11.727	(0.949)	2530491	40.0000	41
124	3,3'-Dimethylbenzidine	212	11.697	11.697	(0.947)	1152476	40.0000	46
75	3,3'-Dichlorobenzidine	252	12.320	12.320	(0.997)	1291719	40.0000	40
76	Benzo(a)anthracene	228	12.338	12.338	(0.999)	4350792	40.0000	39
77	Chrysene	228	12.385	12.385	(1.002)	4335419	40.0000	40
78	Bis(2-Ethylhexyl)phthalate	149	12.409	12.409	(1.004)	3392598	40.0000	43
* 79	Perylene-d12	264	14.457	14.457	(1.000)	1160642	20.0000	
80	Di-n-octylphthalate	149	13.299	13.299	(0.920)	4197310	40.0000	33
81	Benzo(b)fluoranthene	252	13.840	13.840	(0.957)	3047884	40.0000	41
82	Benzo(k)fluoranthene	252	13.887	13.887	(0.961)	3247342	40.0000	44
83	Benzo(a)pyrene	252	14.362	14.362	(0.993)	2329146	40.0000	41
84	Indeno(1,2,3-cd)pyrene	276	16.410	16.410	(1.135)	1333349	40.0000	36
85	Dibenzo(a,h)anthracene	278	16.463	16.463	(1.139)	1265696	40.0000	36
86	Benzo(g,h,i)perylene	276	16.926	16.926	(1.171)	1346556	40.0000	37
167	Simazine	201	9.228	9.228	(0.971)	678440	40.0000	42
103	1,2,4,5-Tetrachlorobenzene	216	7.026	7.026	(0.885)	726971	40.0000	41
109	2,3,4,6-Tetrachlorophenol	232	8.302	8.302	(1.046)	824370	40.0000	42
119	Pentachloronitrobenzene	237	9.341	9.341	(0.983)	493006	40.0000	44

QC Flag Legend

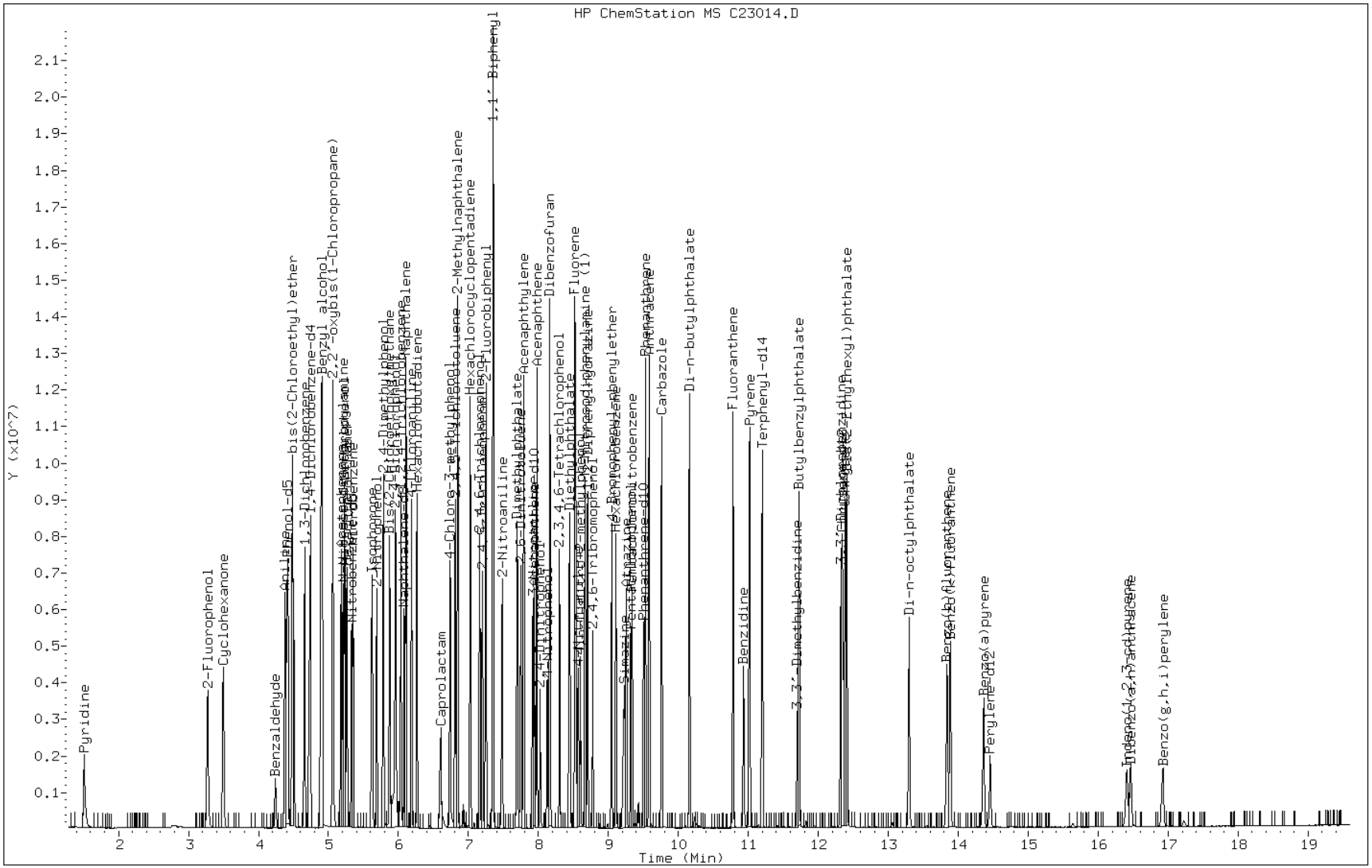
M - Compound response manually integrated.

Data File: C23014.D

Date: 02-MAY-2011 09:48

Client ID: CCVIS-605031 Instrument: msc.i

Sample Info: CCVIS-605031 Operator: S.Jonas



Manual Integration Report

Data File: C23014.D
Inj. Date and Time: 02-MAY-2011 09:48
Instrument ID: msc.i
Client ID: CCVIS-605031
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/03/2011

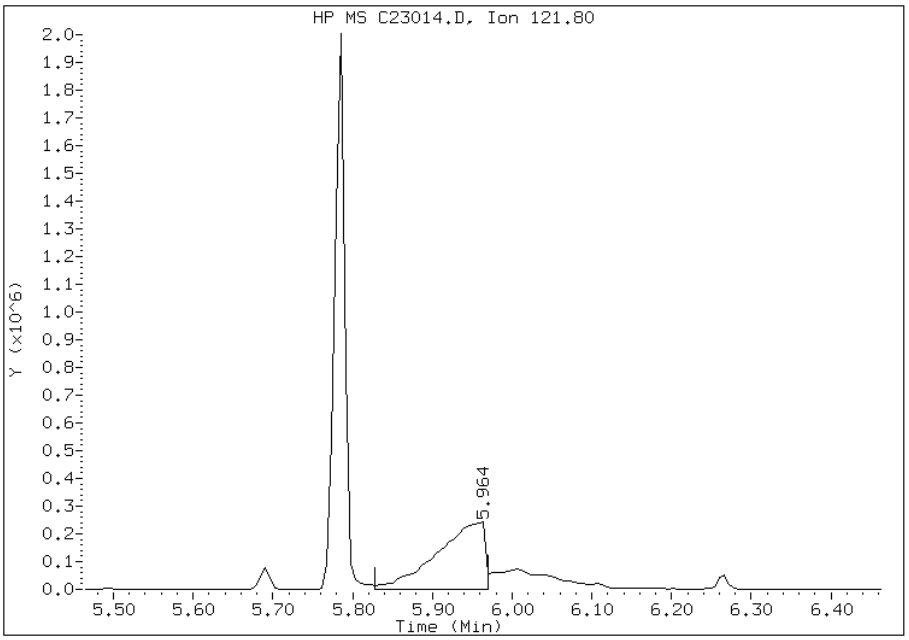
Processing Integration Results

RT: 5.96

Response: 1019249

Amount: 32

Conc: 32



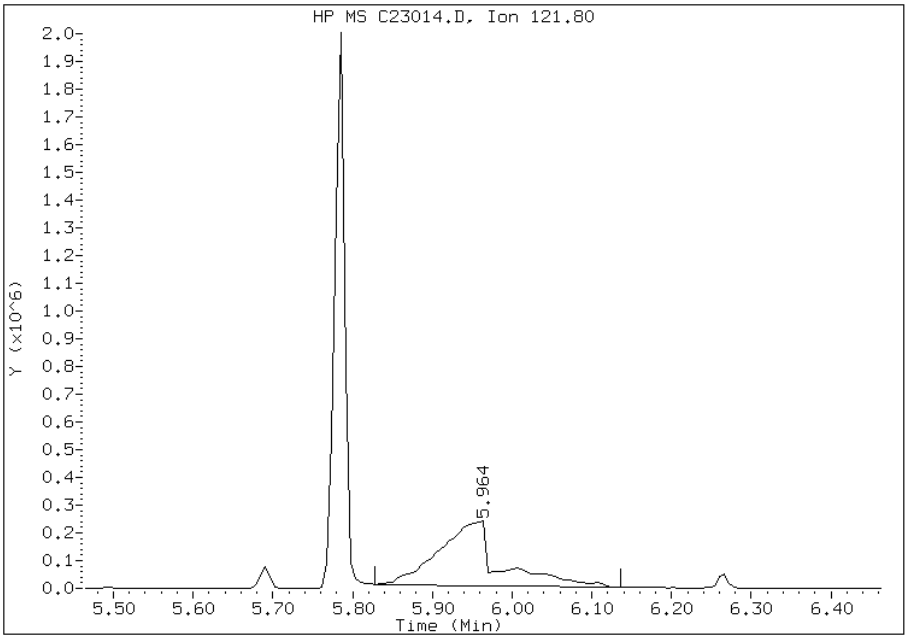
Manual Integration Results

RT: 5.96

Response: 1238486

Amount: 38

Conc: 38



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C23014.D
Inj. Date and Time: 02-MAY-2011 09:48
Instrument ID: msc.i
Client ID: CCVIS-605031
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/03/2011

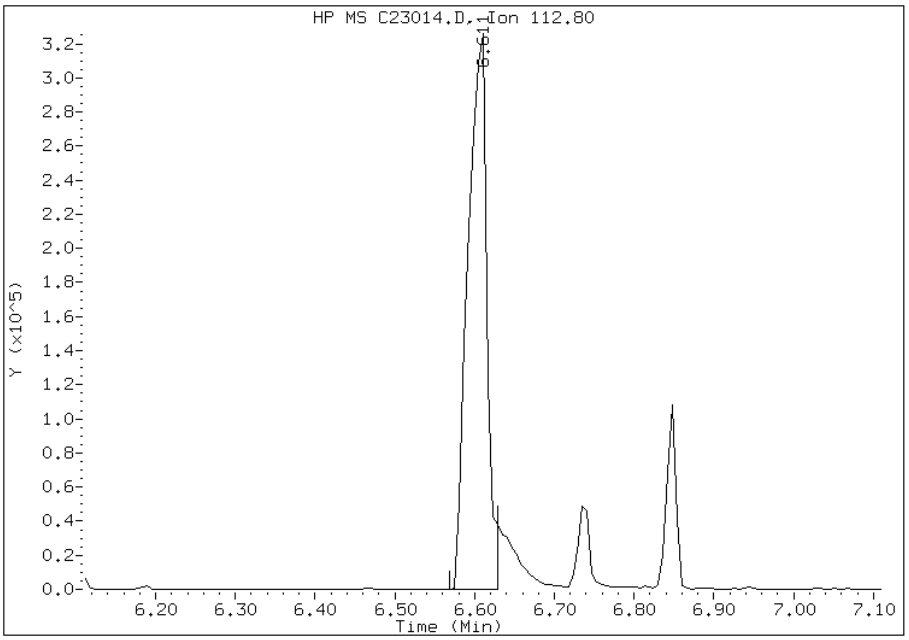
Processing Integration Results

RT: 6.61

Response: 537635

Amount: 41

Conc: 41



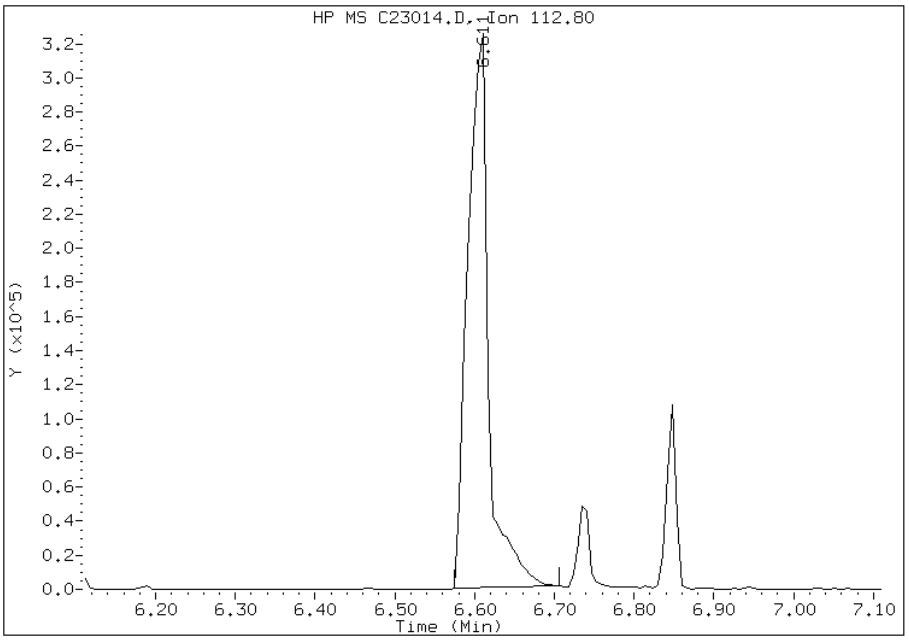
Manual Integration Results

RT: 6.61

Response: 586821

Amount: 45

Conc: 45



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50455/1 Calibration Date: 05/04/2011 08:00

Instrument ID: MSC Calib Start Date: 05/03/2011 08:03

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 05/03/2011 11:10

Lab File ID: C23065.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.2814	0.2609	0.0500	37.1	40.0	-7.3	30.0
Pyridine	Ave	0.3809	0.3543	0.0500	37.2	40.0	-7.0	30.0
Cyclohexanone	Ave	0.6993	0.5936	0.0500	33.9	40.0	-15.1	30.0
Benzaldehyde	Ave	0.1741	0.4211	0.0500	96.7	40.0	141.8*	30.0
Aniline	Ave	1.955	1.787	0.0500	36.5	40.0	-8.6	30.0
Phenol	Ave	1.716	1.554	0.0500	36.2	40.0	-9.4	20.0
Bis(2-chloroethyl)ether	Ave	0.9903	0.9403	0.0500	38.0	40.0	-5.1	30.0
2-Chlorophenol	Ave	1.415	1.291	0.0500	36.5	40.0	-8.8	30.0
1,3-Dichlorobenzene	Ave	1.514	1.382	0.0500	36.5	40.0	-8.7	30.0
1,4-Dichlorobenzene	Ave	1.539	1.423	0.0500	37.0	40.0	-7.5	20.0
1,2-Dichlorobenzene	Ave	1.456	1.334	0.0500	36.6	40.0	-8.4	30.0
Benzyl alcohol	Ave	0.8562	0.7745	0.0500	36.2	40.0	-9.5	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.713	1.524	0.0500	35.6	40.0	-11.0	30.0
2-Methylphenol	Ave	1.242	1.104	0.0500	35.5	40.0	-11.1	30.0
Acetophenone	Ave	1.781	1.593	0.0500	35.8	40.0	-10.6	30.0
N-Nitrosodi-n-propylamine	Ave	0.8891	0.8070	0.0500	36.3	40.0	-9.2	30.0
Methylphenol, 3 & 4	Ave	1.291	1.168	0.0500	36.2	40.0	-9.6	30.0
Hexachloroethane	Ave	0.6654	0.6025	0.0500	36.2	40.0	-9.5	30.0
Nitrobenzene	Ave	0.3399	0.3093	0.0500	36.4	40.0	-9.0	30.0
Isophorone	Ave	0.6097	0.5562	0.0500	36.5	40.0	-8.8	30.0
2-Nitrophenol	Ave	0.1888	0.1724	0.0500	36.5	40.0	-8.7	20.0
2,4-Dimethylphenol	Ave	0.2998	0.2735	0.0500	36.5	40.0	-8.8	30.0
Bis(2-chloroethoxy)methane	Ave	0.3913	0.3531	0.0500	36.1	40.0	-9.8	30.0
2,4-Dichlorophenol	Ave	0.2716	0.2484	0.0500	36.6	40.0	-8.5	20.0
Benzoic acid	Lin	0.1967	0.1217	0.0500	24.9	40.0	-37.6*	30.0
1,2,4-Trichlorobenzene	Ave	0.2796	0.2544	0.0500	36.4	40.0	-9.0	30.0
Naphthalene	Ave	0.9222	0.8325	0.0500	36.1	40.0	-9.7	30.0
4-Chloroaniline	Ave	0.3938	0.3629	0.0500	36.9	40.0	-7.8	30.0
Hexachlorobutadiene	Ave	0.1614	0.1481	0.0500	36.7	40.0	-8.2	20.0
Caprolactam	Ave	0.0859	0.0778	0.0500	36.2	40.0	-9.4	30.0
4-Chloro-3-methylphenol	Ave	0.2648	0.2392	0.0500	36.1	40.0	-9.7	20.0
2,4,5-Trichlorotoluene	Ave	1.002	0.8701	0.0500	34.7	40.0	-13.1	30.0
2-Methylnaphthalene	Ave	0.6333	0.5560	0.0500	35.1	40.0	-12.2	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.2041	0.1994	0.0500	39.1	40.0	-2.3	30.0
Hexachlorocyclopentadiene	Lin	0.1760	0.2301	0.0500	39.6	40.0	-1.0	30.0
2,4,6-Trichlorophenol	Ave	0.3165	0.2902	0.0500	36.7	40.0	-8.3	20.0
2,4,5-Trichlorophenol	Ave	0.3209	0.3003	0.0500	37.4	40.0	-6.4	30.0
1,1'-Biphenyl	Ave	1.261	1.153	0.0500	36.6	40.0	-8.5	30.0
2-Chloronaphthalene	Ave	1.019	0.9233	0.0500	36.2	40.0	-9.4	30.0
2-Nitroaniline	Ave	0.2757	0.2535	0.0500	36.8	40.0	-8.0	30.0
Dimethyl phthalate	Ave	1.072	0.9457	0.0500	35.3	40.0	-11.8	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50455/1 Calibration Date: 05/04/2011 08:00

Instrument ID: MSC Calib Start Date: 05/03/2011 08:03

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 05/03/2011 11:10

Lab File ID: C23065.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dinitrotoluene	Ave	0.2553	0.2286	0.0500	35.8	40.0	-10.5	30.0
Acenaphthylene	Ave	1.635	1.428	0.0500	34.9	40.0	-12.7	30.0
3-Nitroaniline	Ave	0.3122	0.2829	0.0500	36.2	40.0	-9.4	30.0
Acenaphthene	Ave	0.9925	0.8672	0.0500	35.0	40.0	-12.6	20.0
2,4-Dinitrophenol	Lin	0.1276	0.1124	0.0500	33.3	40.0	-16.8	30.0
4-Nitrophenol	Ave	0.1557	0.1512	0.0500	38.8	40.0	-2.9	30.0
Dibenzofuran	Ave	1.356	1.171	0.0500	34.5	40.0	-13.7	30.0
2,4-Dinitrotoluene	Ave	0.3376	0.2928	0.0500	34.7	40.0	-13.3	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2233	0.2073	0.0500	37.1	40.0	-7.2	30.0
Diethyl phthalate	Ave	1.090	0.9498	0.0500	34.8	40.0	-12.9	30.0
Fluorene	Ave	1.140	0.9841	0.0500	34.5	40.0	-13.6	30.0
4-Chlorophenyl phenyl ether	Ave	0.4910	0.4206	0.0500	34.3	40.0	-14.3	30.0
4-Nitroaniline	Ave	0.2958	0.2595	0.0500	35.1	40.0	-12.3	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1154	0.1093	0.0500	37.9	40.0	-5.3	30.0
N-Nitrosodiphenylamine	Ave	0.5205	0.4694	0.0500	36.1	40.0	-9.8	20.0
1,2-Diphenylhydrazine	Ave	0.6813	0.6125	0.0500	36.0	40.0	-10.1	30.0
4-Bromophenyl phenyl ether	Ave	0.1805	0.1573	0.0500	34.9	40.0	-12.8	30.0
Hexachlorobenzene	Ave	0.1935	0.1707	0.0500	35.3	40.0	-11.8	30.0
Simazine	Ave	0.1181	0.1031	0.0500	34.9	40.0	-12.7	30.0
Atrazine	Ave	0.1801	0.1599	0.0500	35.5	40.0	-11.2	30.0
Pentachlorophenol	Ave	0.1045	0.0966	0.0500	37.0	40.0	-7.5	20.0
Pentachloronitrobenzene	Ave	0.0872	0.0828	0.0500	38.0	40.0	-5.0	30.0
Phenanthrene	Ave	1.015	0.8820	0.0500	34.8	40.0	-13.1	30.0
Anthracene	Ave	1.041	0.9091	0.0500	34.9	40.0	-12.7	30.0
Carbazole	Ave	0.9718	0.8403	0.0500	34.6	40.0	-13.5	30.0
Di-n-butyl phthalate	Ave	1.163	1.006	0.0500	34.6	40.0	-13.5	30.0
Fluoranthene	Ave	1.028	0.8687	0.0500	33.8	40.0	-15.5	20.0
Benzidine	Lin	0.2341	0.2842	0.0500	45.2	40.0	13.1	30.0
Pyrene	Ave	1.217	1.126	0.0500	37.0	40.0	-7.5	30.0
3,3'-Dimethylbenzidine	Qua	0.1976	0.2356	0.0500	44.4	40.0	11.0	30.0
Butyl benzyl phthalate	Ave	0.4969	0.4467	0.0500	36.0	40.0	-10.1	30.0
3,3'-Dichlorobenzidine	Ave	0.2592	0.2270	0.0500	35.0	40.0	-12.4	30.0
Benzo[a]anthracene	Ave	0.9349	0.8291	0.0500	35.5	40.0	-11.3	30.0
Chrysene	Ave	0.9098	0.8074	0.0500	35.5	40.0	-11.3	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.5890	0.5230	0.0500	35.5	40.0	-11.2	30.0
Di-n-octyl phthalate	Qua	1.205	1.152	0.0500	34.1	40.0	-14.6	20.0
Benzo[b]fluoranthene	Ave	1.140	1.055	0.0500	37.0	40.0	-7.4	30.0
Benzo[k]fluoranthene	Ave	1.119	1.058	0.0500	37.8	40.0	-5.5	30.0
Benzo[a]pyrene	Ave	0.8634	0.7772	0.0500	36.0	40.0	-10.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.4829	0.5064	0.0500	41.9	40.0	4.9	30.0
Dibenz(a,h)anthracene	Qua	0.4857	0.4900	0.0500	40.4	40.0	1.0	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50455/1 Calibration Date: 05/04/2011 08:00

Instrument ID: MSC Calib Start Date: 05/03/2011 08:03

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 05/03/2011 11:10

Lab File ID: C23065.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	0.4673	0.5074	0.0500	43.4	40.0	8.6	30.0
2-Fluorophenol	Ave	1.357	1.261	0.0500	37.1	40.0	-7.1	30.0
Phenol-d5	Ave	1.587	1.453	0.0500	36.6	40.0	-8.5	30.0
Nitrobenzene-d5	Ave	0.3345	0.3054	0.0500	36.5	40.0	-8.7	30.0
2-Fluorobiphenyl	Ave	1.085	0.9848	0.0500	36.3	40.0	-9.2	30.0
2,4,6-Tribromophenol	Ave	0.1353	0.1152	0.0500	34.1	40.0	-14.8	30.0
Terphenyl-d14	Ave	0.7383	0.6547	0.0500	35.5	40.0	-11.3	30.0

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123064.b\C23065.D
Lab Smp Id: CCVIS-605031 Client Smp ID: CCVIS-605031
Inj Date : 04-MAY-2011 08:00
Operator : S.Jonas Inst ID: msc.i
Smp Info : CCVIS-605031
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123064.b\MSC-8270C.m
Meth Date : 04-May-2011 08:22 stephan Quant Type: ISTD
Cal Date : 03-MAY-2011 08:03 Cal File: C23039.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.693	4.693	(1.000)	849734	20.0000	
$ 2	2-Fluorophenol	112	3.245	3.245	(0.691)	2142445	40.0000	37
$ 3	Phenol-d5	99	4.391	4.391	(0.936)	2468894	40.0000	37
4	Pyridine	52	1.488	1.488	(0.317)	602040	40.0000	37
5	N-Nitrosodimethylamine	42	1.476	1.476	(0.315)	443425	40.0000	37
6	Cyclohexanone	42	3.459	3.459	(0.737)	1008714	40.0000	34
128	Benzaldehyde	77	4.213	4.213	(0.898)	715585	40.0000	97(A)
7	Phenol	94	4.402	4.402	(0.938)	2640874	40.0000	36
8	Aniline	93	4.349	4.349	(0.927)	3036297	40.0000	37
9	bis(2-Chloroethyl)ether	63	4.450	4.450	(0.948)	1597953	40.0000	38
10	2-Chlorophenol	128	4.474	4.474	(0.953)	2193359	40.0000	36
11	1,3-Dichlorobenzene	146	4.628	4.628	(0.986)	2349391	40.0000	37
12	1,4-Dichlorobenzene	146	4.711	4.711	(1.004)	2418635	40.0000	37
13	Benzyl alcohol	108	4.883	4.883	(1.040)	1316290	40.0000	36
14	1,2-Dichlorobenzene	146	4.871	4.871	(1.038)	2266745	40.0000	37
15	2,2'-oxybis(1-Chloropropane)	45	5.032	5.032	(1.072)	2590772	40.0000	36
16	2-Methylphenol	108	5.038	5.038	(1.073)	1876238	40.0000	36
92	Acetophenone	105	5.156	5.156	(1.099)	2707429	40.0000	36
17	Hexachloroethane	117	5.227	5.227	(1.114)	1023911	40.0000	36
18	N-Nitroso-di-n-propylamine	70	5.180	5.180	(1.104)	1371379	40.0000	36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.210	5.210	(1.110)	1984903	40.0000	36
* 20	Naphthalene-d8	136	6.052	6.052	(1.000)	3291008	20.0000	
$ 21	Nitrobenzene-d5	82	5.299	5.299	(0.875)	2010395	40.0000	37
22	Nitrobenzene	77	5.322	5.322	(0.879)	2035644	40.0000	36
23	Isophorone	82	5.590	5.590	(0.924)	3660799	40.0000	36
24	2-Nitrophenol	139	5.661	5.661	(0.935)	1134712	40.0000	37
25	2,4-Dimethylphenol	122	5.762	5.762	(0.952)	1799837	40.0000	36
26	Benzoic Acid	122	5.940	5.940	(0.981)	800769	40.0000	25(M)
27	Bis(2-Chloroethoxy)methane	93	5.845	5.845	(0.966)	2323849	40.0000	36
28	2,4-Dichlorophenol	162	5.934	5.934	(0.980)	1634933	40.0000	37
29	1,2,4-Trichlorobenzene	180	6.005	6.005	(0.992)	1674515	40.0000	36
30	Naphthalene	128	6.076	6.076	(1.004)	5479238	40.0000	36
31	4-Chloroaniline	127	6.159	6.159	(1.018)	2388519	40.0000	37
32	Hexachlorobutadiene	225	6.236	6.236	(1.030)	975078	40.0000	37
129	Caprolactam	113	6.569	6.569	(1.085)	512083	40.0000	36(M)
33	4-Chloro-3-methylphenol	107	6.711	6.711	(1.109)	1574539	40.0000	36
34	2-Methylnaphthalene	142	6.818	6.818	(1.126)	3659636	40.0000	35
* 35	Acenaphthene-d10	164	7.910	7.910	(1.000)	1798707	20.0000	
36	2,4,5-Trichlorotoluene	159	6.783	6.783	(1.445)	1478718	40.0000	35
37	Hexachlorocyclopentadiene	237	6.996	6.996	(0.884)	827774	40.0000	40
38	2,4,6-Trichlorophenol	196	7.133	7.133	(0.902)	1044005	40.0000	37
39	2,4,5-Trichlorophenol	196	7.174	7.174	(0.907)	1080264	40.0000	37
$ 40	2-Fluorobiphenyl	172	7.216	7.216	(0.912)	3542753	40.0000	36
130	1,1'-Biphenyl	154	7.317	7.317	(0.925)	4148992	40.0000	37
41	2-Chloronaphthalene	162	7.323	7.323	(0.926)	3321321	40.0000	36
42	2-Nitroaniline	65	7.447	7.447	(0.941)	911914	40.0000	37
43	Acenaphthylene	152	7.756	7.756	(0.980)	5137745	40.0000	35
44	Dimethylphthalate	163	7.667	7.667	(0.969)	3401975	40.0000	35
45	2,6-Dinitrotoluene	165	7.714	7.714	(0.975)	822304	40.0000	36
46	Acenaphthene	153	7.946	7.946	(1.004)	3119734	40.0000	35
47	3-Nitroaniline	138	7.886	7.886	(0.997)	1017542	40.0000	36
48	2,4-Dinitrophenol	184	7.993	7.993	(1.011)	404262	40.0000	33
49	Dibenzofuran	168	8.130	8.130	(1.028)	4211599	40.0000	35
50	2,4-Dinitrotoluene	165	8.136	8.136	(1.029)	1053473	40.0000	35
51	4-Nitrophenol	109	8.106	8.106	(1.025)	544040	40.0000	39
52	Fluorene	166	8.486	8.486	(1.073)	3540243	40.0000	35
53	4-Chlorophenyl-phenylether	204	8.498	8.498	(1.074)	1512975	40.0000	34
54	Diethylphthalate	149	8.409	8.409	(1.063)	3416864	40.0000	35
55	4-Nitroaniline	138	8.539	8.539	(1.080)	933654	40.0000	35
$ 56	2,4,6-Tribromophenol	330	8.741	8.741	(1.105)	414548	40.0000	34
* 57	Phenanthrene-d10	188	9.471	9.471	(1.000)	2602732	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.569	8.569	(0.905)	569173	40.0000	38
59	N-Nitrosodiphenylamine (1)	169	8.634	8.634	(0.912)	2443204	40.0000	36
60	1,2-Diphenylhydrazine	77	8.670	8.670	(0.915)	3188467	40.0000	36
61	4-Bromophenyl-phenylether	248	9.014	9.014	(0.952)	818870	40.0000	35
131	Atrazine	200	9.222	9.222	(0.974)	832393	40.0000	36
62	Hexachlorobenzene	284	9.074	9.074	(0.958)	888661	40.0000	35
63	Pentachlorophenol	266	9.287	9.287	(0.981)	503057	40.0000	37
64	Phenanthrene	178	9.495	9.495	(1.002)	4591431	40.0000	35
65	Carbazole	167	9.726	9.726	(1.027)	4374275	40.0000	35
66	Anthracene	178	9.548	9.548	(1.008)	4732307	40.0000	35
67	Di-n-butylphthalate	149	10.124	10.124	(1.069)	5236599	40.0000	35
68	Fluoranthene	202	10.747	10.747	(1.135)	4522131	40.0000	34
* 70	Chrysene-d12	240	12.308	12.308	(1.000)	2069857	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.896	10.896	(0.885)	1176362	40.0000	45
72	Pyrene	202	10.979	10.979	(0.892)	4659526	40.0000	37
$ 73	Terphenyl-d14	244	11.163	11.163	(0.907)	2710108	40.0000	35
74	Butylbenzylphthalate	149	11.685	11.685	(0.949)	1849324	40.0000	36
124	3,3'-Dimethylbenzidine	212	11.661	11.661	(0.947)	975360	40.0000	44
75	3,3'-Dichlorobenzidine	252	12.273	12.273	(0.997)	939758	40.0000	35
76	Benzo(a)anthracene	228	12.290	12.290	(0.999)	3432314	40.0000	35
77	Chrysene	228	12.338	12.338	(1.002)	3342262	40.0000	35
78	Bis(2-Ethylhexyl)phthalate	149	12.362	12.362	(1.004)	2165134	40.0000	36
* 79	Perylene-d12	264	14.392	14.392	(1.000)	1045821	20.0000	
80	Di-n-octylphthalate	149	13.240	13.240	(0.920)	2408702	40.0000	34
81	Benzo(b)fluoranthene	252	13.774	13.774	(0.957)	2206828	40.0000	37
82	Benzo(k)fluoranthene	252	13.822	13.822	(0.960)	2212305	40.0000	38
83	Benzo(a)pyrene	252	14.297	14.297	(0.993)	1625539	40.0000	36
84	Indeno(1,2,3-cd)pyrene	276	16.326	16.326	(1.134)	1059129	40.0000	42
85	Dibenzo(a,h)anthracene	278	16.380	16.380	(1.138)	1024994	40.0000	40
86	Benzo(g,h,i)perylene	276	16.837	16.837	(1.170)	1061209	40.0000	43
167	Simazine	201	9.186	9.186	(0.970)	536779	40.0000	35
103	1,2,4,5-Tetrachlorobenzene	216	6.996	6.996	(0.884)	717147	40.0000	39
109	2,3,4,6-Tetrachlorophenol	232	8.272	8.272	(1.046)	745781	40.0000	37
119	Pentachloronitrobenzene	237	9.305	9.305	(0.982)	431048	40.0000	38

QC Flag Legend

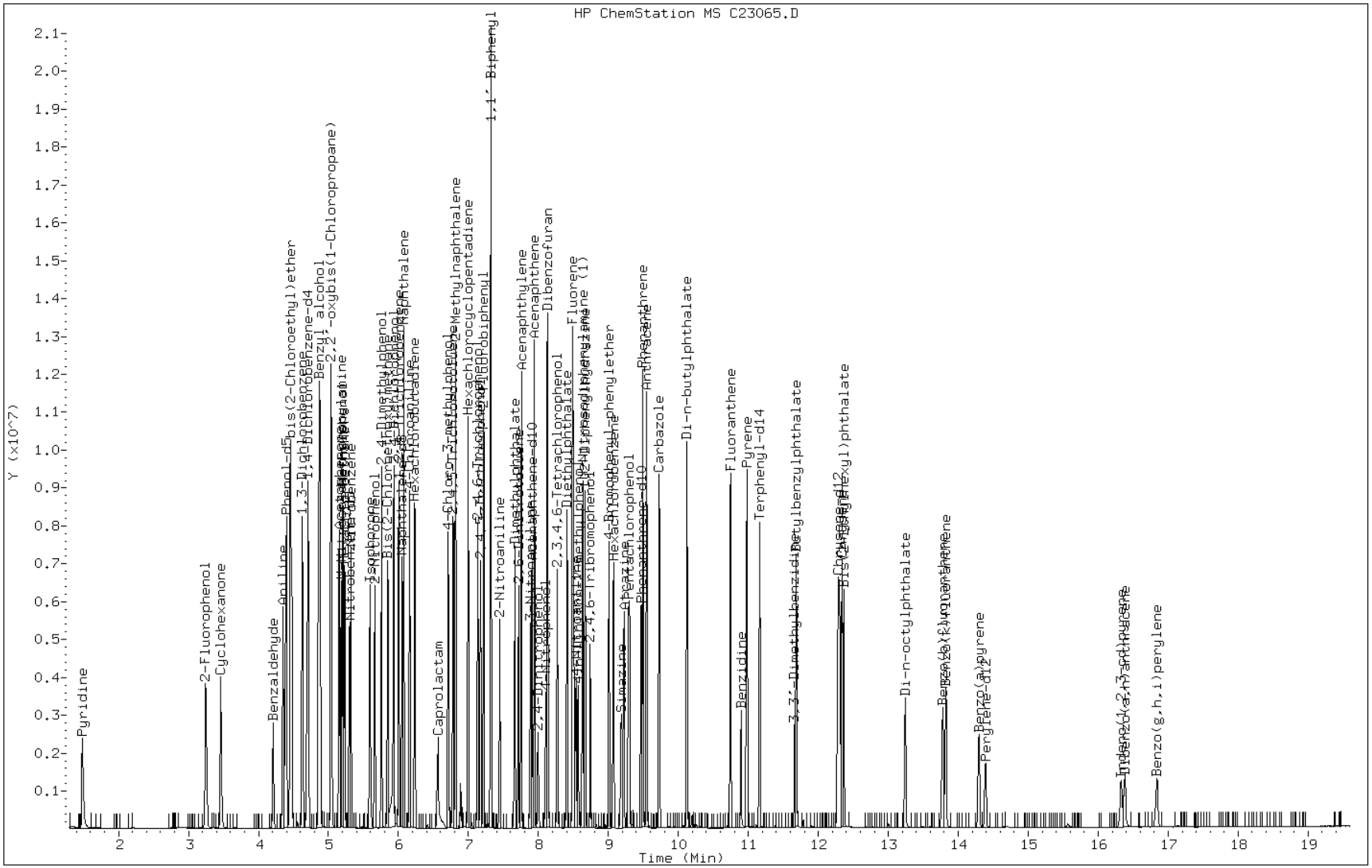
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: C23065.D

Date: 04-MAY-2011 08:00

Client ID: CCVIS-605031 Instrument: msc.i

Sample Info: CCVIS-605031 Operator: S.Jonas



Manual Integration Report

Data File: C23065.D
Inj. Date and Time: 04-MAY-2011 08:00
Instrument ID: msc.i
Client ID: CCVIS-605031
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/05/2011

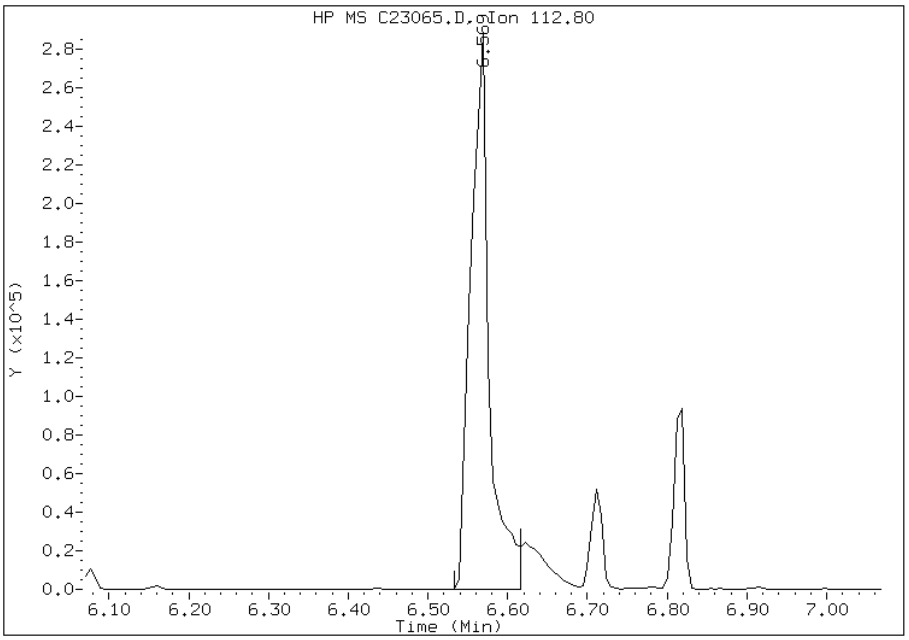
Processing Integration Results

RT: 6.57

Response: 469735

Amount: 33

Conc: 33



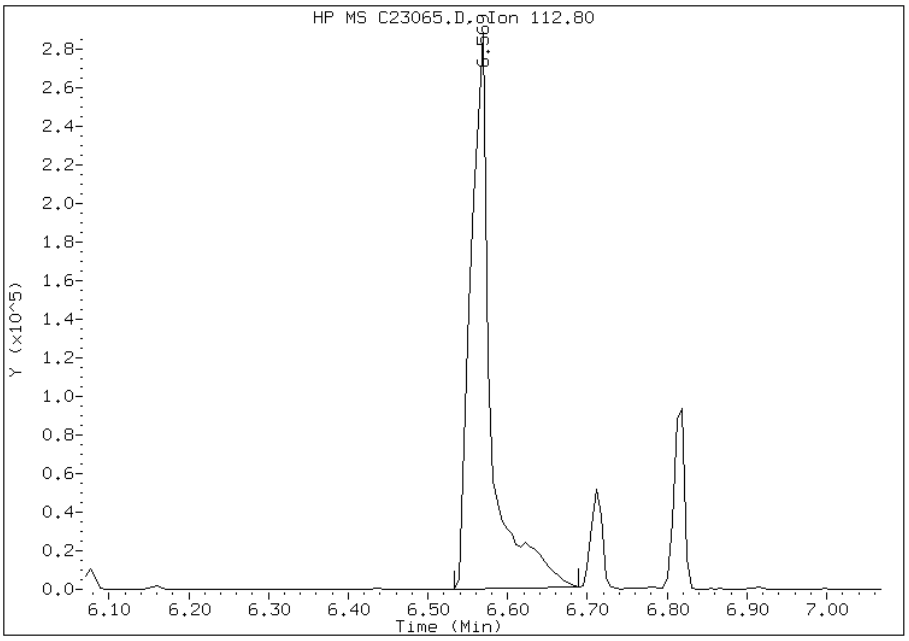
Manual Integration Results

RT: 6.57

Response: 512083

Amount: 36

Conc: 36



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: C23065.D
Inj. Date and Time: 04-MAY-2011 08:00
Instrument ID: msc.i
Client ID: CCVIS-605031
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/05/2011

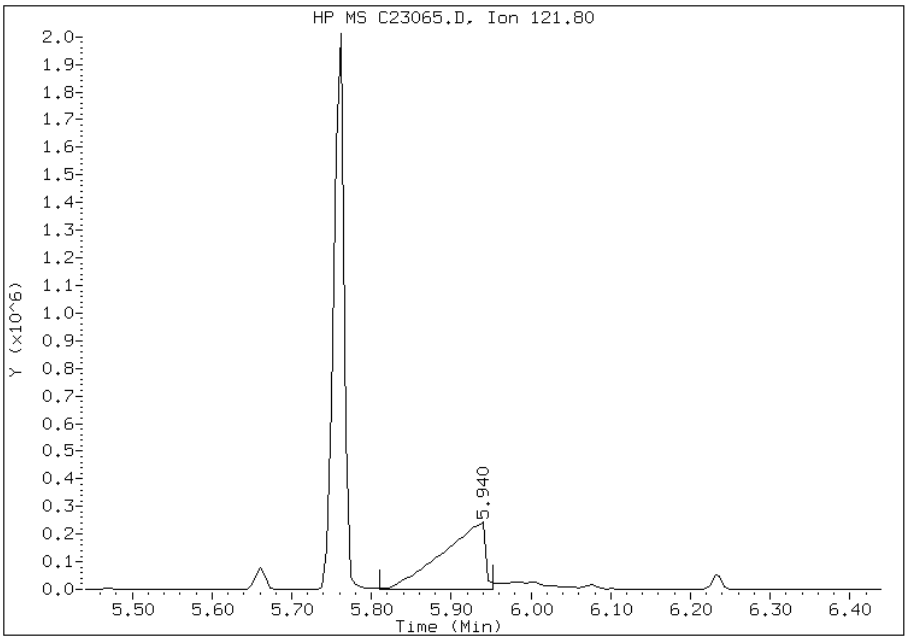
Processing Integration Results

RT: 5.94

Response: 894907

Amount: 27

Conc: 27



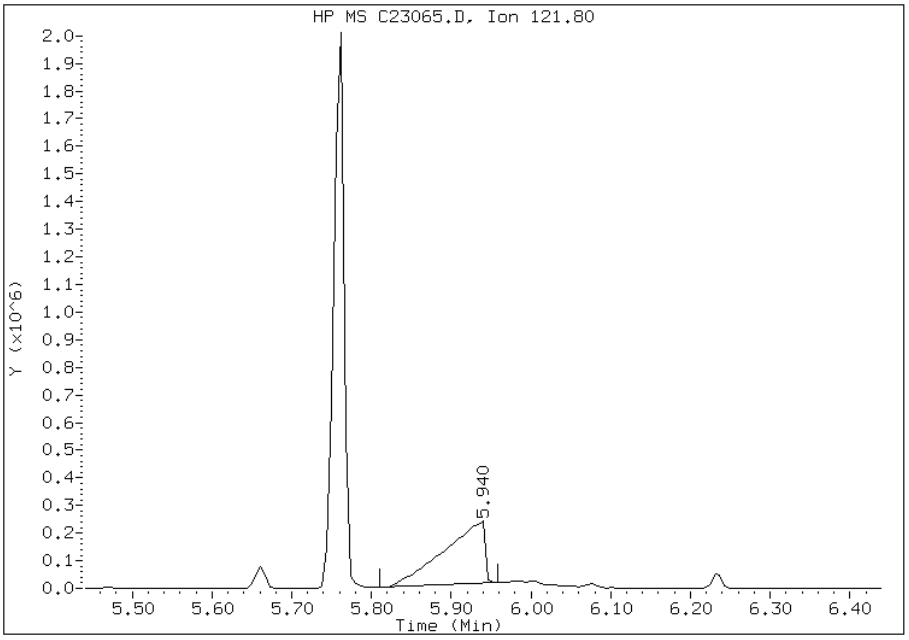
Manual Integration Results

RT: 5.94

Response: 800769

Amount: 25

Conc: 25



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50456/1 Calibration Date: 05/04/2011 10:33

Instrument ID: MSZ Calib Start Date: 04/29/2011 08:18

GC Column: RXi-5MS ID: 0.25(mm) Calib End Date: 04/29/2011 11:06

Lab File ID: Z19893.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.4884	0.3343	0.0500	27.4	40.0	-31.5*	30.0
Pyridine	Ave	0.6088	0.4322	0.0500	28.4	40.0	-29.0	30.0
Cyclohexanone	Ave	1.155	0.7252	0.0500	25.1	40.0	-37.2*	30.0
Benzaldehyde	Ave	0.1948	0.4869	0.0500	100	40.0	150.0*	30.0
Aniline	Ave	2.156	1.771	0.0500	32.9	40.0	-17.9	30.0
Phenol	Ave	1.815	1.513	0.0500	33.3	40.0	-16.6	20.0
Bis(2-chloroethyl)ether	Ave	1.480	1.131	0.0500	30.6	40.0	-23.6	30.0
2-Chlorophenol	Ave	1.482	1.217	0.0500	32.8	40.0	-17.9	30.0
1,3-Dichlorobenzene	Ave	1.615	1.289	0.0500	31.9	40.0	-20.2	30.0
1,4-Dichlorobenzene	Ave	1.643	1.322	0.0500	32.2	40.0	-19.5	20.0
1,2-Dichlorobenzene	Ave	1.553	1.244	0.0500	32.0	40.0	-19.9	30.0
Benzyl alcohol	Ave	0.9210	0.7833	0.0500	34.0	40.0	-14.9	30.0
2,2'-oxybis[1-chloropropane]	Ave	3.135	2.117	0.0500	27.0	40.0	-32.5*	30.0
2-Methylphenol	Ave	1.364	1.091	0.0500	32.0	40.0	-20.0	30.0
Acetophenone	Ave	2.189	1.779	0.0500	32.5	40.0	-18.7	30.0
N-Nitrosodi-n-propylamine	Ave	1.282	1.014	0.0500	31.7	40.0	-20.8	30.0
Methylphenol, 3 & 4	Ave	1.453	1.200	0.0500	33.0	40.0	-17.4	30.0
Hexachloroethane	Ave	0.7853	0.6306	0.0500	32.1	40.0	-19.7	30.0
Nitrobenzene	Ave	0.4019	0.3430	0.0500	34.1	40.0	-14.7	30.0
Isophorone	Ave	0.7022	0.6127	0.0500	34.9	40.0	-12.8	30.0
2-Nitrophenol	Ave	0.1871	0.1657	0.0500	35.4	40.0	-11.5	20.0
2,4-Dimethylphenol	Ave	0.2953	0.2522	0.0500	34.2	40.0	-14.6	30.0
Bis(2-chloroethoxy)methane	Ave	0.4288	0.3700	0.0500	34.5	40.0	-13.7	30.0
2,4-Dichlorophenol	Ave	0.2716	0.2330	0.0500	34.3	40.0	-14.2	20.0
Benzoic acid	Qua	0.1841	0.1560	0.0500	34.7	40.0	-13.4	30.0
1,2,4-Trichlorobenzene	Ave	0.3106	0.2661	0.0500	34.3	40.0	-14.3	30.0
Naphthalene	Ave	1.006	0.8528	0.0500	33.9	40.0	-15.2	30.0
4-Chloroaniline	Ave	0.4012	0.3585	0.0500	35.7	40.0	-10.7	30.0
Hexachlorobutadiene	Ave	0.1873	0.1736	0.0500	37.1	40.0	-7.3	20.0
Caprolactam	Ave	0.0914	0.0932	0.0500	40.8	40.0	2.0	30.0
4-Chloro-3-methylphenol	Ave	0.3219	0.2881	0.0500	35.8	40.0	-10.5	20.0
2,4,5-Trichlorotoluene	Ave	1.447	1.135	0.0500	31.4	40.0	-21.5	30.0
2-Methylnaphthalene	Ave	0.6765	0.5689	0.0500	33.6	40.0	-15.9	30.0
Hexachlorocyclopentadiene	Ave	0.3013	0.2817	0.0500	37.4	40.0	-6.5	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.2148	0.2079	0.0500	38.7	40.0	-3.2	30.0
2,4,6-Trichlorophenol	Ave	0.3139	0.2937	0.0500	37.4	40.0	-6.5	20.0
2,4,5-Trichlorophenol	Ave	0.3251	0.3140	0.0500	38.6	40.0	-3.4	30.0
1,1'-Biphenyl	Ave	1.289	1.073	0.0500	33.3	40.0	-16.8	30.0
2-Chloronaphthalene	Ave	0.996	0.8341	0.0500	33.5	40.0	-16.2	30.0
2-Nitroaniline	Ave	0.4028	0.3387	0.0500	33.6	40.0	-15.9	30.0
Dimethyl phthalate	Ave	1.203	1.047	0.0500	34.8	40.0	-13.0	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50456/1 Calibration Date: 05/04/2011 10:33

Instrument ID: MSZ Calib Start Date: 04/29/2011 08:18

GC Column: RXi-5MS ID: 0.25(mm) Calib End Date: 04/29/2011 11:06

Lab File ID: Z19893.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dinitrotoluene	Ave	0.2848	0.2446	0.0500	34.3	40.0	-14.1	30.0
Acenaphthylene	Ave	1.673	1.513	0.0500	36.2	40.0	-9.6	30.0
3-Nitroaniline	Ave	0.3074	0.2816	0.0500	36.6	40.0	-8.4	30.0
Acenaphthene	Ave	1.104	0.9269	0.0500	33.6	40.0	-16.0	20.0
2,4-Dinitrophenol	Lin	0.1719	0.1509	0.0500	33.6	40.0	-16.0	30.0
4-Nitrophenol	Ave	0.1838	0.1748	0.0500	38.0	40.0	-4.9	30.0
Dibenzofuran	Ave	1.466	1.331	0.0500	36.3	40.0	-9.2	30.0
2,4-Dinitrotoluene	Ave	0.3848	0.3395	0.0500	35.3	40.0	-11.8	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2650	0.2620	0.0500	39.5	40.0	-1.1	30.0
Diethyl phthalate	Ave	1.250	1.168	0.0500	37.4	40.0	-6.5	30.0
Fluorene	Ave	1.227	1.122	0.0500	36.6	40.0	-8.6	30.0
4-Chlorophenyl phenyl ether	Ave	0.5985	0.5672	0.0500	37.9	40.0	-5.2	30.0
4-Nitroaniline	Ave	0.3053	0.2919	0.0500	38.2	40.0	-4.4	30.0
4,6-Dinitro-2-methylphenol	Ave	0.1360	0.1087	0.0500	32.0	40.0	-20.1	30.0
N-Nitrosodiphenylamine	Ave	0.4934	0.4098	0.0500	33.2	40.0	-17.0	20.0
1,2-Diphenylhydrazine	Ave	0.8632	0.6717	0.0500	31.1	40.0	-22.2	30.0
4-Bromophenyl phenyl ether	Ave	0.1985	0.1672	0.0500	33.7	40.0	-15.8	30.0
Hexachlorobenzene	Ave	0.2231	0.1912	0.0500	34.3	40.0	-14.3	30.0
Simazine	Ave	0.1224	0.1017	0.0500	33.2	40.0	-16.9	30.0
Atrazine	Ave	0.2001	0.1631	0.0500	32.6	40.0	-18.5	30.0
Pentachlorophenol	Ave	0.1185	0.1016	0.0500	34.3	40.0	-14.2	20.0
Pentachloronitrobenzene	Ave	0.0928	0.0797	0.0500	34.4	40.0	-14.1	30.0
Phenanthrene	Ave	1.073	0.8268	0.0500	30.8	40.0	-23.0	30.0
Anthracene	Ave	1.103	0.8542	0.0500	31.0	40.0	-22.6	30.0
Carbazole	Ave	0.9733	0.8316	0.0500	34.2	40.0	-14.6	30.0
Di-n-butyl phthalate	Ave	1.281	1.103	0.0500	34.5	40.0	-13.8	30.0
Fluoranthene	Ave	1.185	1.022	0.0500	34.5	40.0	-13.7	20.0
Benzidine	Lin	0.2216	0.2721	0.0500	40.1	40.0	0.3	30.0
Pyrene	Ave	1.119	0.9414	0.0500	33.7	40.0	-15.9	30.0
3,3'-Dimethylbenzidine	Qua	0.1890	0.2499	0.0500	41.3	40.0	3.3	30.0
Butyl benzyl phthalate	Ave	0.4900	0.4480	0.0500	36.6	40.0	-8.6	30.0
3,3'-Dichlorobenzidine	Ave	0.2763	0.2751	0.0500	39.8	40.0	-0.4	30.0
Benzo[a]anthracene	Ave	1.008	0.8809	0.0500	35.0	40.0	-12.6	30.0
Chrysene	Ave	0.9668	0.8408	0.0500	34.8	40.0	-13.0	30.0
Bis(2-ethylhexyl) phthalate	Ave	0.6051	0.5793	0.0500	38.3	40.0	-4.3	30.0
Di-n-octyl phthalate	Qua	0.9950	1.449	0.0500	47.7	40.0	19.4	20.0
Benzo[b]fluoranthene	Ave	1.081	1.099	0.0500	40.7	40.0	1.7	30.0
Benzo[k]fluoranthene	Ave	1.091	1.104	0.0500	40.5	40.0	1.2	30.0
Benzo[a]pyrene	Ave	0.8610	0.8221	0.0500	38.2	40.0	-4.5	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.5218	0.4262	0.0500	32.7	40.0	-18.3	30.0
Dibenz(a,h)anthracene	Ave	0.4713	0.4140	0.0500	35.1	40.0	-12.2	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Lab Sample ID: CCVIS 220-50456/1 Calibration Date: 05/04/2011 10:33

Instrument ID: MSZ Calib Start Date: 04/29/2011 08:18

GC Column: RXi-5MS ID: 0.25(mm) Calib End Date: 04/29/2011 11:06

Lab File ID: Z19893.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Lin	0.4844	0.4040	0.0500	38.8	40.0	-3.0	30.0
2-Fluorophenol	Ave	1.192	1.008	0.0500	33.8	40.0	-15.4	30.0
Phenol-d5	Ave	1.714	1.405	0.0500	32.8	40.0	-18.0	30.0
Nitrobenzene-d5	Ave	0.3914	0.3330	0.0500	34.0	40.0	-14.9	30.0
2-Fluorobiphenyl	Ave	1.126	1.003	0.0500	35.6	40.0	-10.9	30.0
2,4,6-Tribromophenol	Ave	0.1965	0.1872	0.0500	38.1	40.0	-4.7	30.0
Terphenyl-d14	Ave	0.7496	0.6516	0.0500	34.8	40.0	-13.1	30.0

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\Z19893.D
Lab Smp Id: CCVIS-605031 Client Smp ID: CCVIS-605031
Inj Date : 04-MAY-2011 10:33
Operator : S.Jonas Inst ID: msz.i
Smp Info : CCVIS-605031
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\MSZ-8270C.m
Meth Date : 05-May-2011 08:01 conbna Quant Type: ISTD
Cal Date : 29-APR-2011 12:55 Cal File: Za19820.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.625	4.625	(1.000)	83875	20.0000	
$ 2	2-Fluorophenol	112	3.174	3.174	(0.686)	169122	40.0000	34
$ 3	Phenol-d5	99	4.324	4.324	(0.935)	235689	40.0000	33
4	Pyridine	52	1.433	1.433	(0.310)	72505	40.0000	28
5	N-Nitrosodimethylamine	42	1.427	1.427	(0.309)	56086	40.0000	27
6	Cyclohexanone	42	3.382	3.382	(0.731)	121649	40.0000	25
128	Benzaldehyde	77	4.140	4.140	(0.895)	81673	40.0000	100(A)
7	Phenol	94	4.336	4.336	(0.938)	253770	40.0000	33
8	Aniline	93	4.280	4.280	(0.925)	297124	40.0000	33
9	bis(2-Chloroethyl)ether	63	4.383	4.383	(0.948)	189737	40.0000	30
10	2-Chlorophenol	128	4.407	4.407	(0.953)	204141	40.0000	33
11	1,3-Dichlorobenzene	146	4.560	4.560	(0.986)	216286	40.0000	32
12	1,4-Dichlorobenzene	146	4.641	4.641	(1.003)	221764	40.0000	32
13	Benzyl alcohol	108	4.821	4.821	(1.042)	131405	40.0000	34
14	1,2-Dichlorobenzene	146	4.802	4.802	(1.038)	208615	40.0000	32
15	2,2'-oxybis(1-Chloropropane)	45	4.967	4.967	(1.074)	355138	40.0000	27
16	2-Methylphenol	108	4.976	4.976	(1.076)	182999	40.0000	32
92	Acetophenone	105	5.088	5.088	(1.100)	298455	40.0000	32
17	Hexachloroethane	117	5.160	5.160	(1.116)	105789	40.0000	32
18	N-Nitroso-di-n-propylamine	70	5.113	5.113	(1.105)	170170	40.0000	32

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.144	5.144	(1.112)	201280	40.0000	33
*	20 Naphthalene-d8	136	5.986	5.986	(1.000)	374908	20.0000	
$	21 Nitrobenzene-d5	82	5.234	5.234	(0.874)	249687	40.0000	34
	22 Nitrobenzene	77	5.256	5.256	(0.878)	257202	40.0000	34
	23 Isophorone	82	5.523	5.523	(0.923)	459392	40.0000	35
	24 2-Nitrophenol	139	5.595	5.595	(0.935)	124207	40.0000	35
	25 2,4-Dimethylphenol	122	5.694	5.694	(0.951)	189070	40.0000	34
	26 Benzoic Acid	122	5.884	5.884	(0.983)	116977	40.0000	35(M)
	27 Bis(2-Chloroethoxy)methane	93	5.781	5.781	(0.966)	277460	40.0000	34
	28 2,4-Dichlorophenol	162	5.865	5.865	(0.980)	174708	40.0000	34
	29 1,2,4-Trichlorobenzene	180	5.937	5.937	(0.992)	199552	40.0000	34
	30 Naphthalene	128	6.008	6.008	(1.004)	639457	40.0000	34
	31 4-Chloroaniline	127	6.092	6.092	(1.018)	268794	40.0000	36
	32 Hexachlorobutadiene	225	6.167	6.167	(1.030)	130155	40.0000	37
	129 Caprolactam	113	6.512	6.512	(1.088)	69873	40.0000	41(M)
	33 4-Chloro-3-methylphenol	107	6.648	6.648	(1.111)	216037	40.0000	36
	34 2-Methylnaphthalene	142	6.745	6.745	(1.127)	426537	40.0000	34
*	35 Acenaphthene-d10	164	7.836	7.836	(1.000)	241764	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.711	6.711	(1.451)	190472	40.0000	31
	37 Hexachlorocyclopentadiene	237	6.925	6.925	(0.884)	136192	40.0000	37
	38 2,4,6-Trichlorophenol	196	7.062	7.062	(0.901)	142004	40.0000	37
	39 2,4,5-Trichlorophenol	196	7.105	7.105	(0.907)	151828	40.0000	39
$	40 2-Fluorobiphenyl	172	7.149	7.149	(0.912)	485138	40.0000	36
	130 1,1'-Biphenyl	154	7.248	7.248	(0.925)	518844	40.0000	33
	41 2-Chloronaphthalene	162	7.254	7.254	(0.926)	403329	40.0000	34
	42 2-Nitroaniline	65	7.382	7.382	(0.942)	163759	40.0000	34
	43 Acenaphthylene	152	7.683	7.683	(0.981)	731782	40.0000	36
	44 Dimethylphthalate	163	7.596	7.596	(0.969)	506320	40.0000	35
	45 2,6-Dinitrotoluene	165	7.649	7.649	(0.976)	118265	40.0000	34
	46 Acenaphthene	153	7.873	7.873	(1.005)	448176	40.0000	34
	47 3-Nitroaniline	138	7.820	7.820	(0.998)	136145	40.0000	37
	48 2,4-Dinitrophenol	184	7.926	7.926	(1.012)	72939	40.0000	34
	49 Dibenzofuran	168	8.056	8.056	(1.028)	643700	40.0000	36
	50 2,4-Dinitrotoluene	165	8.069	8.069	(1.030)	164162	40.0000	35
	51 4-Nitrophenol	109	8.041	8.041	(1.026)	84506	40.0000	38
	52 Fluorene	166	8.417	8.417	(1.074)	542446	40.0000	36
	53 4-Chlorophenyl-phenylether	204	8.429	8.429	(1.076)	274245	40.0000	38
	54 Diethylphthalate	149	8.342	8.342	(1.065)	564808	40.0000	37
	55 4-Nitroaniline	138	8.470	8.470	(1.081)	141135	40.0000	38
$	56 2,4,6-Tribromophenol	330	8.672	8.672	(1.107)	90512	40.0000	38
*	57 Phenanthrene-d10	188	9.393	9.393	(1.000)	473071	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.501	8.501	(0.905)	102832	40.0000	32
	59 N-Nitrosodiphenylamine (1)	169	8.563	8.563	(0.912)	387687	40.0000	33
	60 1,2-Diphenylhydrazine	77	8.597	8.597	(0.915)	635525	40.0000	31
	61 4-Bromophenyl-phenylether	248	8.939	8.939	(0.952)	158209	40.0000	34
	131 Atrazine	200	9.154	9.154	(0.975)	154326	40.0000	33
	62 Hexachlorobenzene	284	9.001	9.001	(0.958)	180918	40.0000	34
	63 Pentachlorophenol	266	9.216	9.216	(0.981)	96107	40.0000	34
	64 Phenanthrene	178	9.421	9.421	(1.003)	782257	40.0000	31
	65 Carbazole	167	9.657	9.657	(1.028)	786849	40.0000	34
	66 Anthracene	178	9.474	9.474	(1.009)	808173	40.0000	31
	67 Di-n-butylphthalate	149	10.052	10.052	(1.070)	1043885	40.0000	34
	68 Fluoranthene	202	10.670	10.670	(1.136)	966906	40.0000	34
*	70 Chrysene-d12	240	12.218	12.218	(1.000)	524867	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.823	10.823	(0.886)	285648	40.0000	40
72	Pyrene	202	10.903	10.903	(0.892)	988181	40.0000	34
$ 73	Terphenyl-d14	244	11.087	11.087	(0.907)	684040	40.0000	35
74	Butylbenzylphthalate	149	11.612	11.612	(0.950)	470283	40.0000	36
124	3,3'-Dimethylbenzidine	212	11.587	11.587	(0.948)	262330	40.0000	41
75	3,3'-Dichlorobenzidine	252	12.187	12.187	(0.997)	288782	40.0000	40
76	Benzo(a)anthracene	228	12.203	12.203	(0.999)	924754	40.0000	35
77	Chrysene	228	12.249	12.249	(1.003)	882637	40.0000	35
78	Bis(2-Ethylhexyl)phthalate	149	12.274	12.274	(1.005)	608089	40.0000	38
* 79	Perylene-d12	264	14.248	14.248	(1.000)	282466	20.0000	
80	Di-n-octylphthalate	149	13.129	13.129	(0.921)	818812	40.0000	48
81	Benzo(b)fluoranthene	252	13.651	13.651	(0.958)	621019	40.0000	41
82	Benzo(k)fluoranthene	252	13.694	13.694	(0.961)	623752	40.0000	40
83	Benzo(a)pyrene	252	14.154	14.154	(0.993)	464401	40.0000	38
84	Indeno(1,2,3-cd)pyrene	276	16.137	16.137	(1.133)	240772	40.0000	33
85	Dibenzo(a,h)anthracene	278	16.187	16.187	(1.136)	233894	40.0000	35
86	Benzo(g,h,i)perylene	276	16.638	16.638	(1.168)	228256	40.0000	39
167	Simazine	201	9.126	9.126	(0.972)	96216	40.0000	33
103	1,2,4,5-Tetrachlorobenzene	216	6.928	6.928	(0.884)	100506	40.0000	39
109	2,3,4,6-Tetrachlorophenol	232	8.202	8.202	(1.047)	126665	40.0000	40
119	Pentachloronitrobenzene	237	9.231	9.231	(0.983)	75440	40.0000	34

QC Flag Legend

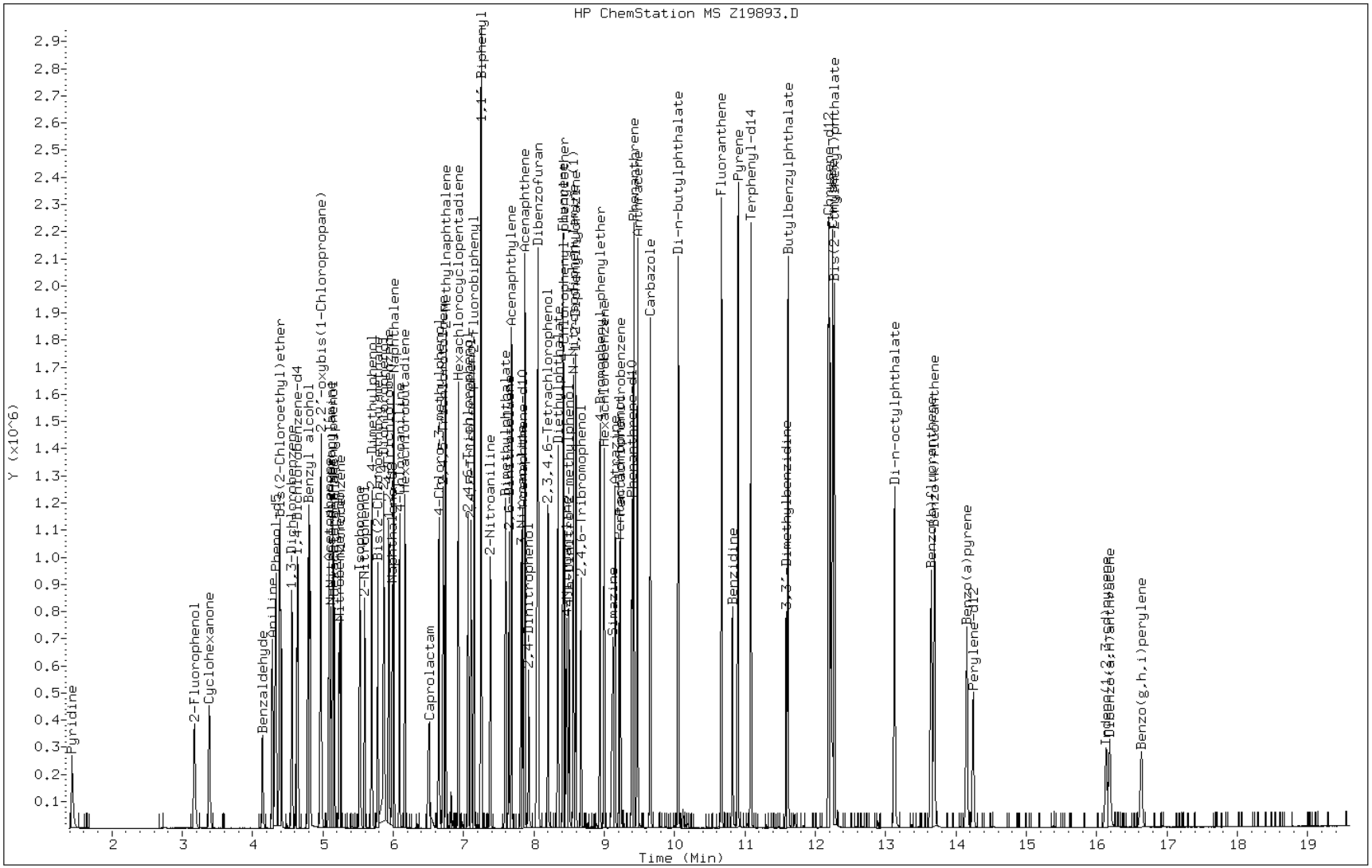
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: Z19893.D

Date: 04-MAY-2011 10:33

Client ID: CCVIS-605031 Instrument: msz.i

Sample Info: CCVIS-605031 Operator: S.Jonas



Manual Integration Report

Data File: Z19893.D
Inj. Date and Time: 04-MAY-2011 10:33
Instrument ID: msz.i
Client ID: CCVIS-605031
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/05/2011

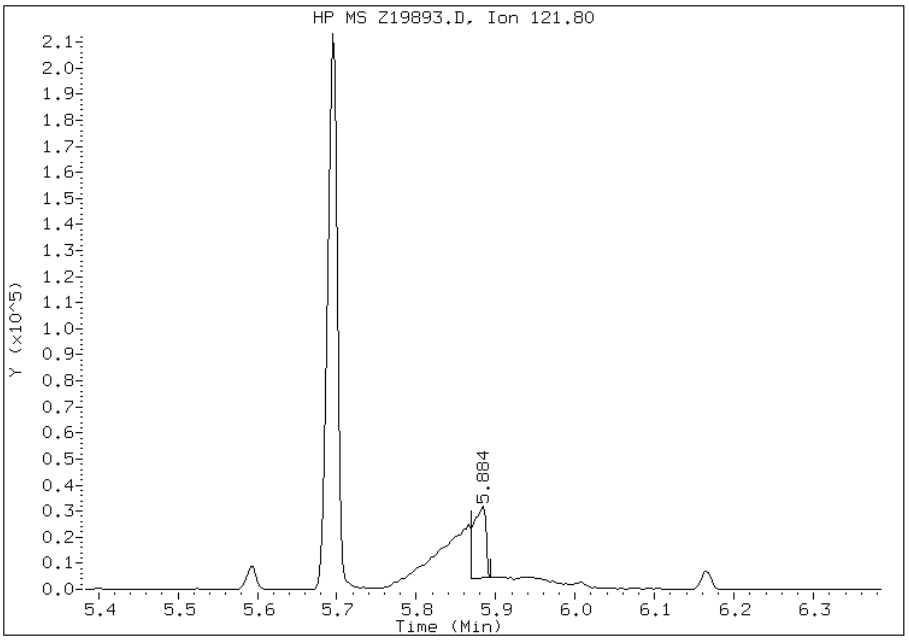
Processing Integration Results

RT: 5.88

Response: 30736

Amount: 11

Conc: 11



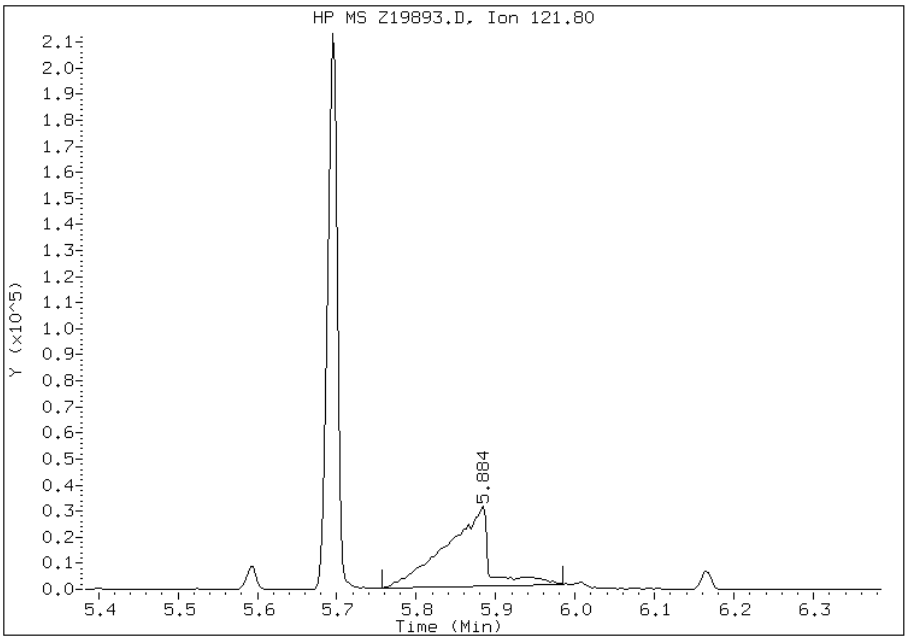
Manual Integration Results

RT: 5.88

Response: 116977

Amount: 35

Conc: 35



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: Z19893.D
Inj. Date and Time: 04-MAY-2011 10:33
Instrument ID: msz.i
Client ID: CCVIS-605031
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/05/2011

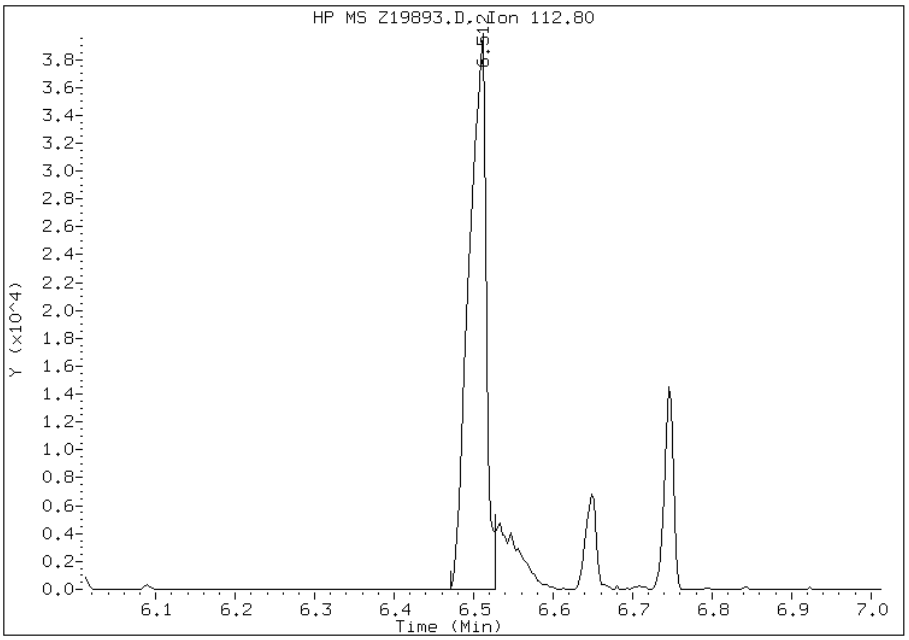
Processing Integration Results

RT: 6.51

Response: 61563

Amount: 36

Conc: 36



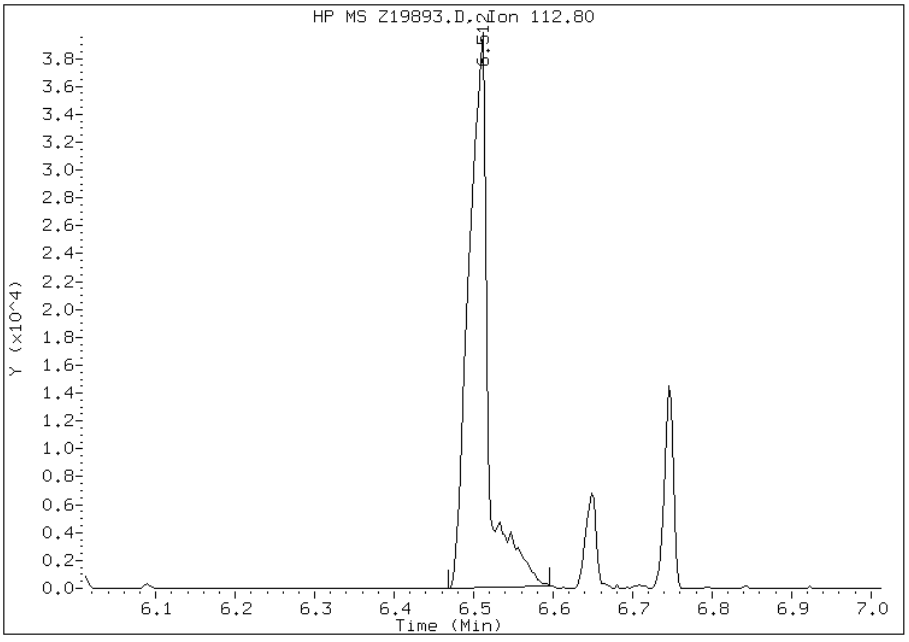
Manual Integration Results

RT: 6.51

Response: 69873

Amount: 41

Conc: 41



Manually Integrated By: conbna
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Data file : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\Cs22987.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 29-APR-2011 10:32
Operator : S.Jonas Inst ID: msc.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msc.i\C1122987.b\mscdftppSW.m
Meth Date : 18-Aug-2010 11:46 stephan Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
9.881	9.811	0.070	198	441984			0.00- 100.00	100.00
9.881	9.361	0.520	51	154176			30.00- 60.00	34.88
9.881	9.361	0.520	68	2367			0.00- 2.00	1.43
9.881	9.361	0.520	69	165120			0.00- 100.00	37.36
9.881	9.361	0.520	70	403			0.00- 2.00	0.24
9.881	9.361	0.520	127	216000			40.00- 60.00	48.87
9.881	9.361	0.520	197	823			0.00- 1.00	0.19
9.881	9.361	0.520	199	29496			5.00- 9.00	6.67
9.881	9.361	0.520	275	86824			10.00- 30.00	19.64
9.881	9.361	0.520	365	10154			1.00- 100.00	2.30
9.881	9.361	0.520	441	32944			0.01- 99.99	66.77
9.881	9.361	0.520	442	242112			40.00- 100.00	54.78
9.881	9.361	0.520	443	49336			17.00- 23.00	20.38

Data File: Cs22987.D

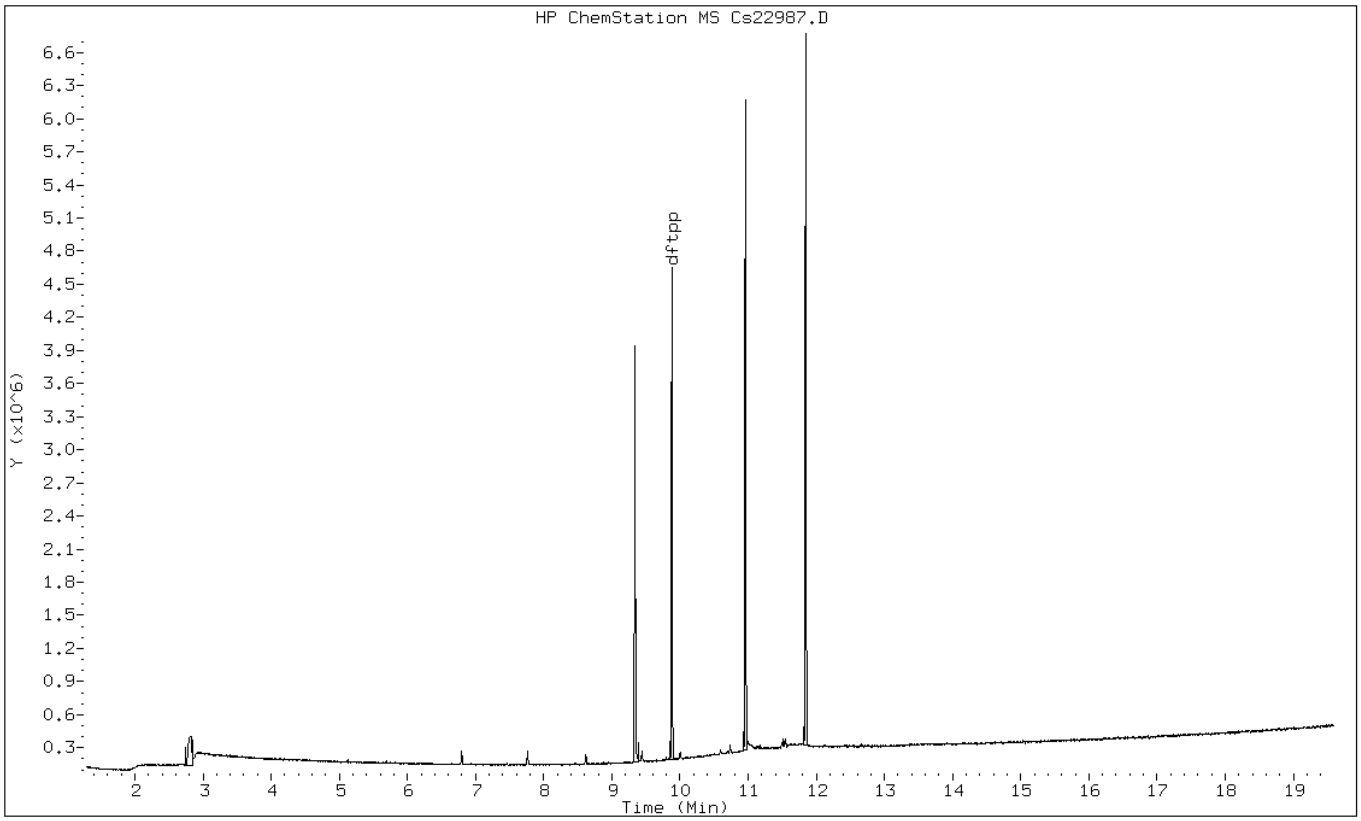
Date: 29-APR-2011 10:32

Client ID: DFTPP

Instrument: msc.i

Sample Info: DFTPP

Operator: S.Jonas



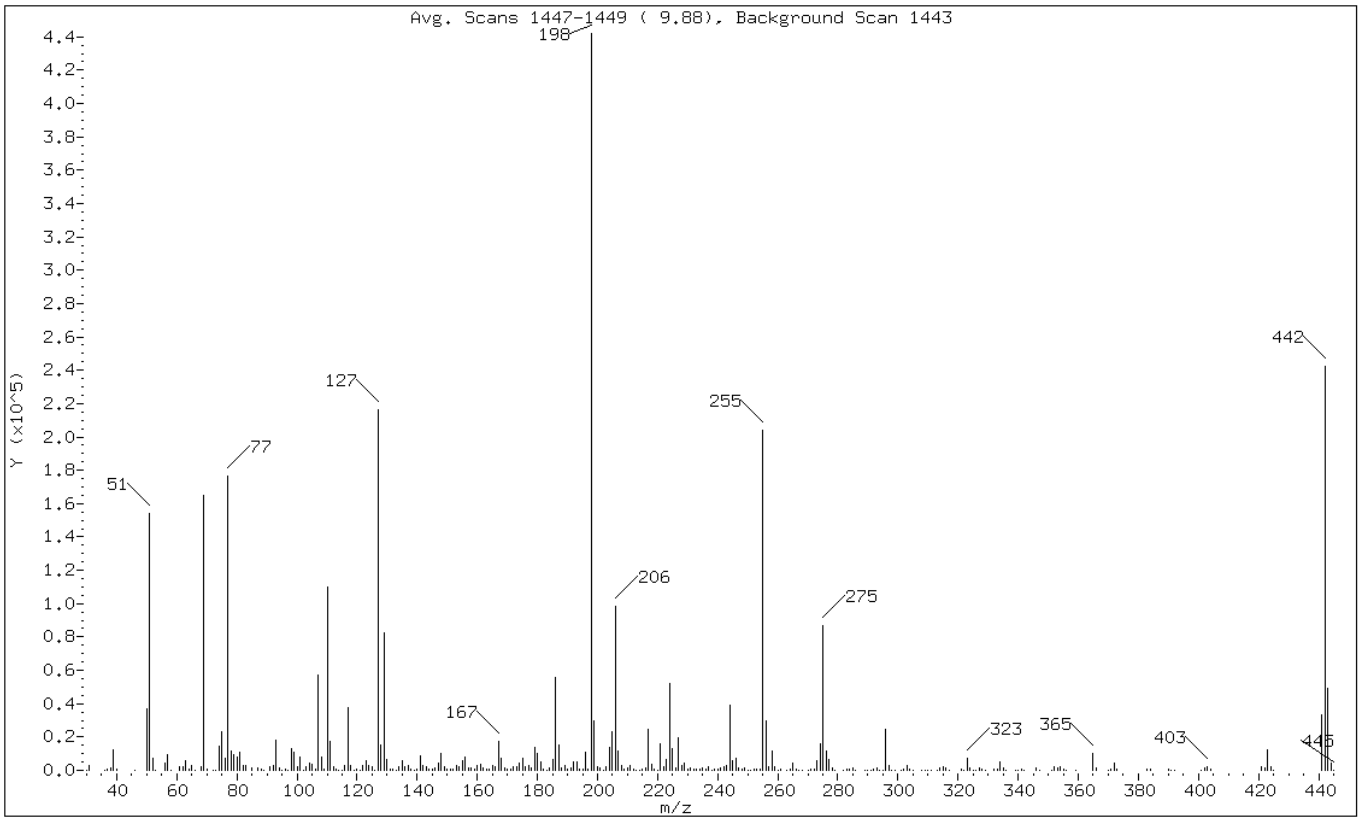
Data File: Cs22987.D

Date: 29-APR-2011 10:32

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	34.88
68	Less than 2.00% of mass 69	0.54 (1.43)
69	Less than 100.00% of mass 198	37.36
70	Less than 2.00% of mass 69	0.09 (0.24)
127	40.00 - 60.00% of mass 198	48.87
197	Less than 1.00% of mass 198	0.19
199	5.00 - 9.00% of mass 198	6.67
275	10.00 - 30.00% of mass 198	19.64
365	1.00 - 100.00% of mass 198	2.30
441	Present, but less than mass 443	7.45
442	40.00 - 100.00% of mass 198	54.78
443	17.00 - 23.00% of mass 442	11.16 (20.38)

Data File: Cs22987.D

Date: 29-APR-2011 10:32

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\consvr05\Files\Chem\BNA\msc.i\C1122987.b\Cs22987.D
Spectrum: Avg. Scans 1447-1449 (9.88), Background Scan 1443
Location of Maximum: 198.00
Number of points: 309

m/z	Y	m/z	Y	m/z	Y	m/z	Y
30.00	33	129.00	82800	207.00	11660	291.00	164
31.00	2733	130.00	6337	208.00	3143	292.00	423
36.00	125	131.00	1051	209.00	546	293.00	1771
37.00	638	132.00	672	210.00	1500	294.00	293
38.00	1599	133.00	196	211.00	2886	295.00	350
39.00	12257	134.00	2197	212.00	638	296.00	24432
40.00	381	135.00	6029	213.00	294	297.00	3228
46.00	79	136.00	2468	214.00	56	298.00	302
50.00	36584	137.00	2988	215.00	881	299.00	61
51.00	154176	138.00	461	216.00	1799	301.00	168
52.00	7548	139.00	252	217.00	24440	302.00	487
53.00	309	140.00	980	218.00	3408	303.00	2897
56.00	4309	141.00	8557	219.00	396	304.00	882
57.00	9268	142.00	3130	220.00	318	305.00	84
58.00	211	143.00	2070	221.00	16189	308.00	359
61.00	1836	144.00	729	222.00	2027	309.00	165
62.00	2122	145.00	441	223.00	6273	310.00	216
63.00	5999	146.00	1611	224.00	52408	311.00	82
64.00	636	147.00	4151	225.00	12815	313.00	244
65.00	3125	148.00	9921	226.00	1429	314.00	1604
66.00	351	149.00	1822	227.00	19832	315.00	2374
68.00	2367	150.00	405	228.00	3160	316.00	1388
69.00	165120	151.00	957	229.00	4660	317.00	297
70.00	403	152.00	444	230.00	589	321.00	678
72.00	3	153.00	2921	231.00	1790	322.00	288
73.00	163	154.00	2346	232.00	511	323.00	7471
74.00	14306	155.00	5613	233.00	596	324.00	1569
75.00	23496	156.00	7971	234.00	1010	325.00	60
76.00	7404	157.00	1349	235.00	1508	326.00	110
77.00	176256	158.00	1269	236.00	1080	327.00	1423
78.00	11255	159.00	1032	237.00	2030	328.00	646
79.00	9096	160.00	3088	238.00	351	329.00	89
80.00	7619	161.00	3742	239.00	876	332.00	484
81.00	11139	162.00	1485	240.00	602	333.00	728
82.00	3126	163.00	769	241.00	1371	334.00	4994
83.00	2971	164.00	448	242.00	2338	335.00	1169
85.00	1314	165.00	2769	243.00	2826	336.00	189
87.00	1114	166.00	2372	244.00	39000	339.00	56
88.00	643	167.00	17296	245.00	5482	340.00	120
89.00	302	168.00	7042	246.00	7484	341.00	794

91.00	2240	169.00	1362	247.00	1612	342.00	315
92.00	2693	170.00	395	248.00	378	346.00	1278
93.00	18240	171.00	924	249.00	1212	347.00	343
94.00	1493	172.00	2060	250.00	345	351.00	78
95.00	212	173.00	2026	251.00	348	352.00	2402
96.00	983	174.00	4185	252.00	495	353.00	1582
97.00	86	175.00	6939	253.00	823	354.00	2318
98.00	12798	176.00	2084	254.00	932	355.00	506
99.00	10897	177.00	2941	255.00	204032	356.00	55
100.00	1888	178.00	1287	256.00	29976	359.00	233
101.00	8049	179.00	13390	257.00	1921	365.00	10154
102.00	236	180.00	9828	258.00	11281	366.00	1413
103.00	2176	181.00	4966	259.00	1997	370.00	306
104.00	4316	182.00	790	260.00	292	371.00	409
105.00	3329	183.00	321	261.00	399	372.00	4051
106.00	1080	184.00	1287	263.00	153	373.00	912
107.00	57240	185.00	6571	264.00	362	383.00	948
108.00	8048	186.00	55416	265.00	4154	384.00	419
109.00	984	187.00	15263	266.00	616	390.00	577
110.00	110200	188.00	1157	267.00	129	391.00	210
111.00	17008	189.00	3075	268.00	249	392.00	194
112.00	2113	190.00	412	270.00	188	401.00	341
113.00	796	191.00	1381	271.00	427	402.00	1612
114.00	105	192.00	4799	272.00	795	403.00	2018
115.00	219	193.00	4945	273.00	5502	404.00	764
116.00	2823	194.00	883	274.00	15675	421.00	1898
117.00	37784	195.00	722	275.00	86824	422.00	1733
118.00	2642	196.00	10531	276.00	11533	423.00	12028
119.00	338	197.00	823	277.00	6460	424.00	2048
120.00	834	198.00	441984	278.00	1214	425.00	337
121.00	206	199.00	29496	279.00	221	441.00	32944
122.00	3029	200.00	2114	282.00	286	442.00	242112
123.00	5454	201.00	1731	283.00	871	443.00	49336
124.00	2787	202.00	163	284.00	673	444.00	4157
125.00	2296	203.00	2182	285.00	1432	445.00	212
126.00	342	204.00	13461	286.00	214		
127.00	216000	205.00	22880	289.00	285		
128.00	15504	206.00	98216	290.00	316		

TestAmerica Inc

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123013.b\Cs23013.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 02-MAY-2011 09:19
Operator : S.Jonas Inst ID: msc.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msc.i\C1123013.b\mscdftppSW.m
Meth Date : 18-Aug-2010 11:46 stephan Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
9.857	9.811	0.046	198	397440			0.00- 100.00	100.00
9.857	9.361	0.496	51	149632			30.00- 60.00	37.65
9.857	9.361	0.496	68	2060			0.00- 2.00	1.28
9.857	9.361	0.496	69	160384			0.00- 100.00	40.35
9.857	9.361	0.496	70	935			0.00- 2.00	0.58
9.857	9.361	0.496	127	210496			40.00- 60.00	52.96
9.857	9.361	0.496	197	2048			0.00- 1.00	0.52
9.857	9.361	0.496	199	26768			5.00- 9.00	6.74
9.857	9.361	0.496	275	78696			10.00- 30.00	19.80
9.857	9.361	0.496	365	9218			1.00- 100.00	2.32
9.857	9.361	0.496	441	29808			0.01- 99.99	65.54
9.857	9.361	0.496	442	228992			40.00- 100.00	57.62
9.857	9.361	0.496	443	45480			17.00- 23.00	19.86

Data File: Cs23013.D

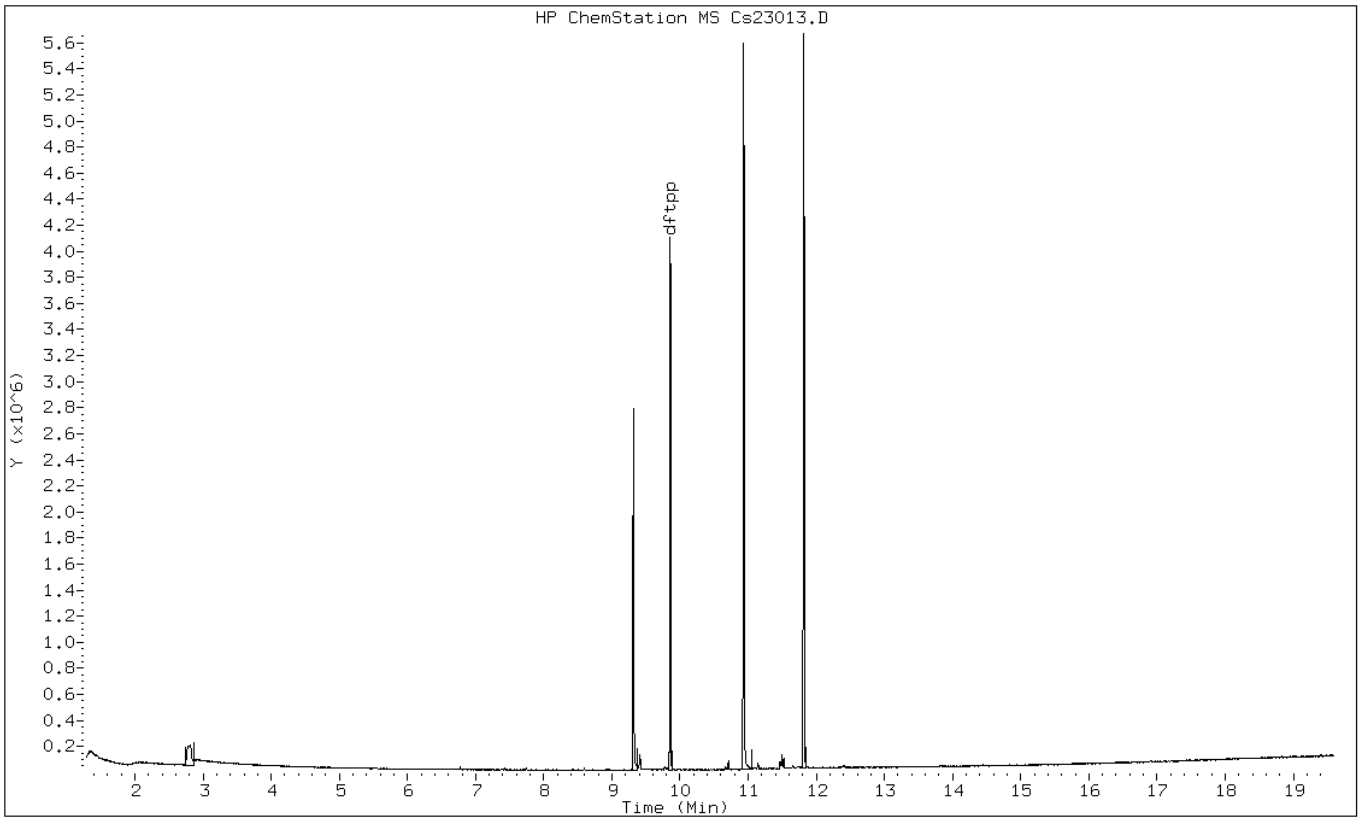
Date: 02-MAY-2011 09:19

Client ID: DFTPP

Instrument: msc.i

Sample Info: DFTPP

Operator: S.Jonas



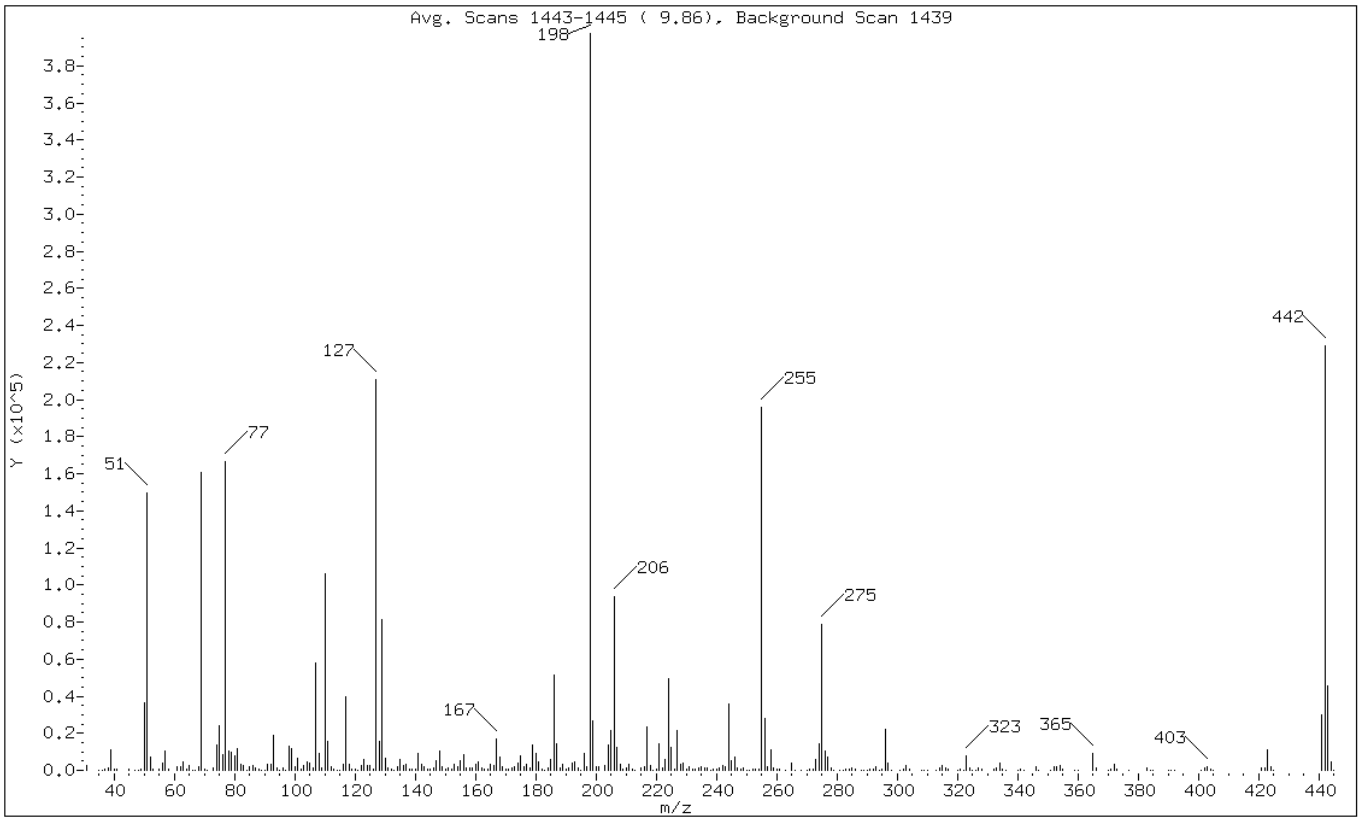
Data File: Cs23013.D

Date: 02-MAY-2011 09:19

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.65
68	Less than 2.00% of mass 69	0.52 (1.28)
69	Less than 100.00% of mass 198	40.35
70	Less than 2.00% of mass 69	0.24 (0.58)
127	40.00 - 60.00% of mass 198	52.96
197	Less than 1.00% of mass 198	0.52
199	5.00 - 9.00% of mass 198	6.74
275	10.00 - 30.00% of mass 198	19.80
365	1.00 - 100.00% of mass 198	2.32
441	Present, but less than mass 443	7.50
442	40.00 - 100.00% of mass 198	57.62
443	17.00 - 23.00% of mass 442	11.44 (19.86)

Data File: Cs23013.D

Date: 02-MAY-2011 09:19

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\consvr05\files\Chem\BNA\msc.i\C1123013.b\Cs23013.D
Spectrum: Avg. Scans 1443-1445 (9.86), Background Scan 1439
Location of Maximum: 198.00
Number of points: 315

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	2632	121.00	316	200.00	2026	286.00	354
35.00	8	122.00	2885	201.00	1962	288.00	123
36.00	80	123.00	5932	203.00	2643	289.00	215
37.00	656	124.00	2551	204.00	13710	290.00	297
38.00	1374	125.00	2535	205.00	21600	291.00	347
39.00	10932	126.00	348	206.00	93992	292.00	475
40.00	511	127.00	210496	207.00	12372	293.00	1706
41.00	358	128.00	15827	208.00	2964	294.00	304
45.00	494	129.00	81160	209.00	930	295.00	612
47.00	57	130.00	6486	210.00	1300	296.00	22112
48.00	145	131.00	1250	211.00	3252	297.00	3616
49.00	510	132.00	717	212.00	522	298.00	146
50.00	36624	133.00	217	213.00	300	301.00	258
51.00	149632	134.00	2139	215.00	1018	302.00	502
52.00	7237	135.00	5912	216.00	1772	303.00	2807
53.00	437	136.00	2450	217.00	23656	304.00	707
55.00	607	137.00	3086	218.00	2870	308.00	284
56.00	4154	138.00	695	219.00	272	309.00	235
57.00	10473	139.00	384	220.00	438	310.00	272
58.00	478	140.00	903	221.00	14092	313.00	220
61.00	1778	141.00	9106	222.00	1375	314.00	1068
62.00	2050	142.00	2948	223.00	5785	315.00	2657
63.00	4737	143.00	2191	224.00	49408	316.00	1070
64.00	669	144.00	641	225.00	12270	317.00	364
65.00	2738	145.00	463	226.00	905	320.00	110
66.00	62	146.00	1557	227.00	21400	321.00	617
67.00	164	147.00	5008	228.00	3153	322.00	221
68.00	2060	148.00	10202	229.00	4196	323.00	7959
69.00	160384	149.00	2193	230.00	608	324.00	1312
70.00	935	150.00	612	231.00	1849	325.00	86
71.00	64	151.00	1030	232.00	400	326.00	110
73.00	1057	152.00	907	233.00	351	327.00	1264
74.00	13518	153.00	2963	234.00	1477	328.00	792
75.00	24224	154.00	2260	235.00	1685	332.00	424
76.00	8199	155.00	5355	236.00	1134	333.00	996
77.00	166720	156.00	8410	237.00	1417	334.00	4182
78.00	10366	157.00	1414	238.00	211	335.00	943
79.00	9455	158.00	1608	239.00	649	336.00	147
80.00	7744	159.00	1412	240.00	575	340.00	138
81.00	11777	160.00	3020	241.00	1204	341.00	722

82.00	3139	161.00	4262	242.00	2350	342.00	286
83.00	2900	162.00	1593	243.00	2202	346.00	1669
84.00	10	163.00	443	244.00	35472	347.00	225
85.00	2023	164.00	502	245.00	5055	351.00	84
86.00	2878	165.00	3427	246.00	7428	352.00	1914
87.00	1424	166.00	2518	247.00	1206	353.00	1692
88.00	737	167.00	17024	248.00	410	354.00	2283
89.00	325	168.00	7234	249.00	1176	355.00	467
90.00	53	169.00	1647	250.00	240	359.00	75
91.00	3002	170.00	680	251.00	240	360.00	62
92.00	3249	171.00	807	252.00	374	365.00	9218
93.00	19096	172.00	1379	253.00	705	366.00	1288
94.00	1458	173.00	1925	254.00	895	370.00	206
95.00	146	174.00	3991	255.00	195776	371.00	690
96.00	1046	175.00	7896	256.00	28104	372.00	3353
97.00	244	176.00	1804	257.00	2082	373.00	958
98.00	12958	177.00	3038	258.00	10772	377.00	81
99.00	11622	178.00	1131	259.00	1441	383.00	980
100.00	1899	179.00	13441	260.00	497	384.00	286
101.00	6370	180.00	9426	261.00	425	385.00	75
102.00	611	181.00	4622	263.00	85	390.00	275
103.00	2296	182.00	621	265.00	3991	391.00	170
104.00	4373	183.00	79	266.00	314	392.00	242
105.00	3749	184.00	1038	268.00	144	401.00	272
106.00	1321	185.00	6031	270.00	301	402.00	1446
107.00	57816	186.00	51304	271.00	613	403.00	2074
108.00	9232	187.00	14318	272.00	552	404.00	724
109.00	1623	188.00	1341	273.00	5565	405.00	61
110.00	105792	189.00	3034	274.00	14196	421.00	1572
111.00	15608	190.00	447	275.00	78696	422.00	1397
112.00	1807	191.00	1484	276.00	10265	423.00	10747
113.00	609	192.00	4140	277.00	6901	424.00	1957
114.00	200	193.00	4725	278.00	1018	425.00	138
115.00	63	194.00	1054	279.00	307	441.00	29808
116.00	3077	195.00	275	281.00	65	442.00	228992
117.00	39936	196.00	9116	282.00	156	443.00	45480
118.00	3325	197.00	2048	283.00	663	444.00	4417
119.00	406	198.00	397440	284.00	514	445.00	220
120.00	678	199.00	26768	285.00	1369		

TestAmerica Inc

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\Cs23038.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 03-MAY-2011 07:34
Operator : S.Jonas Inst ID: msc.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msc.i\C1123038.b\mscdftppSW.m
Meth Date : 18-Aug-2010 11:46 stephan Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
9.845	9.811	0.034	198	359296			0.00- 100.00	100.00
9.845	9.361	0.484	51	128952			30.00- 60.00	35.89
9.845	9.361	0.484	68	2363			0.00- 2.00	1.72
9.845	9.361	0.484	69	137344			0.00- 100.00	38.23
9.845	9.361	0.484	70	601			0.00- 2.00	0.44
9.845	9.361	0.484	127	187008			40.00- 60.00	52.05
9.845	9.361	0.484	197	1797			0.00- 1.00	0.50
9.845	9.361	0.484	199	24936			5.00- 9.00	6.94
9.845	9.361	0.484	275	75256			10.00- 30.00	20.95
9.845	9.361	0.484	365	9303			1.00- 100.00	2.59
9.845	9.361	0.484	441	30704			0.01- 99.99	70.97
9.845	9.361	0.484	442	227712			40.00- 100.00	63.38
9.845	9.361	0.484	443	43264			17.00- 23.00	19.00

Data File: Cs23038.D

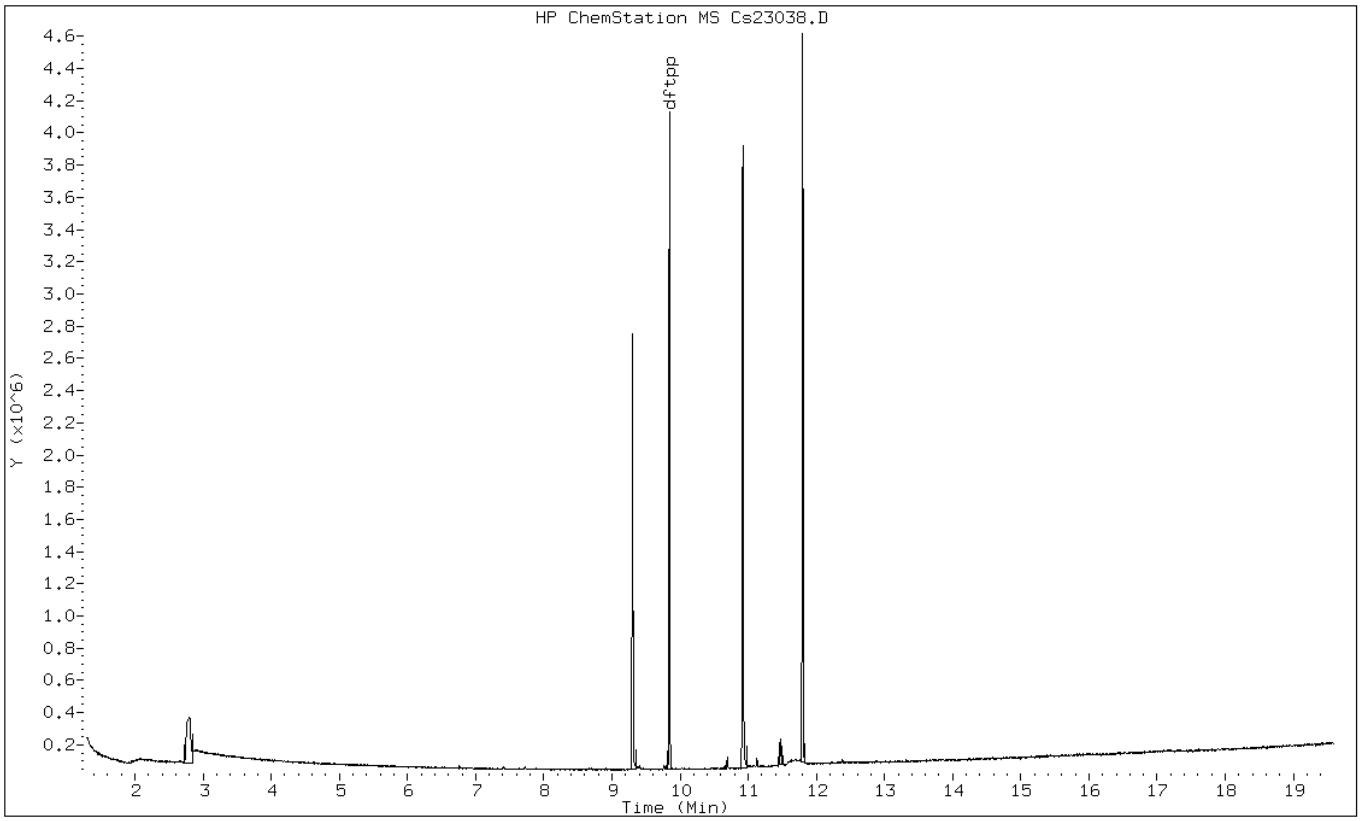
Date: 03-MAY-2011 07:34

Client ID: DFTPP

Instrument: msc.i

Sample Info: DFTPP

Operator: S.Jonas



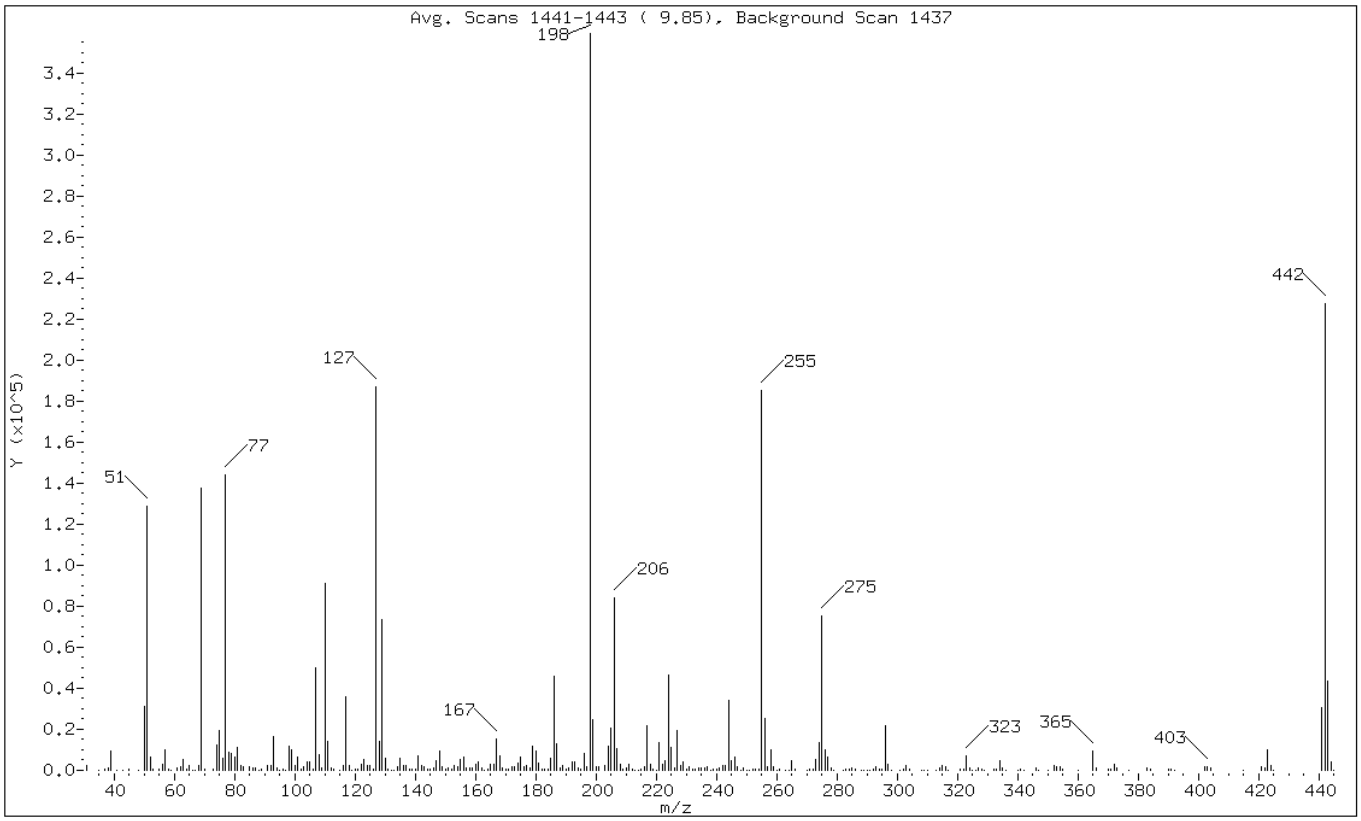
Data File: Cs23038.D

Date: 03-MAY-2011 07:34

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	35.89
68	Less than 2.00% of mass 69	0.66 (1.72)
69	Less than 100.00% of mass 198	38.23
70	Less than 2.00% of mass 69	0.17 (0.44)
127	40.00 - 60.00% of mass 198	52.05
197	Less than 1.00% of mass 198	0.50
199	5.00 - 9.00% of mass 198	6.94
275	10.00 - 30.00% of mass 198	20.95
365	1.00 - 100.00% of mass 198	2.59
441	Present, but less than mass 443	8.55
442	40.00 - 100.00% of mass 198	63.38
443	17.00 - 23.00% of mass 442	12.04 (19.00)

Data File: Cs23038.D

Date: 03-MAY-2011 07:34

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\consvr05\files\Chem\BNA\msc.i\C1123038.b\Cs23038.D
Spectrum: Avg. Scans 1441-1443 (9.85), Background Scan 1437
Location of Maximum: 198.00
Number of points: 306

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	2397	125.00	2283	203.00	2154	286.00	348
35.00	18	126.00	302	204.00	11743	288.00	158
37.00	435	127.00	187008	205.00	20712	289.00	227
38.00	1329	128.00	13965	206.00	84096	290.00	80
39.00	9623	129.00	73512	207.00	10566	291.00	146
41.00	166	130.00	6148	208.00	2704	292.00	456
43.00	88	131.00	816	209.00	480	293.00	1665
45.00	325	132.00	237	210.00	1163	294.00	313
48.00	224	133.00	177	211.00	3181	295.00	483
50.00	31424	134.00	2044	212.00	338	296.00	21984
51.00	128952	135.00	5624	213.00	147	297.00	2895
52.00	6387	136.00	2166	214.00	65	298.00	169
53.00	418	137.00	2464	215.00	807	301.00	266
55.00	530	138.00	641	216.00	1987	302.00	444
56.00	3184	139.00	394	217.00	21680	303.00	2591
57.00	10022	140.00	796	218.00	2962	304.00	814
58.00	512	141.00	7211	219.00	299	308.00	189
59.00	116	142.00	2583	220.00	255	309.00	50
61.00	1343	143.00	1828	221.00	13261	310.00	235
62.00	1599	144.00	569	222.00	3211	313.00	160
63.00	5306	145.00	588	223.00	4543	314.00	1408
64.00	646	146.00	1272	224.00	46368	315.00	2390
65.00	2573	147.00	4452	225.00	11386	316.00	1557
66.00	170	148.00	9336	226.00	999	317.00	183
67.00	76	149.00	1880	227.00	19672	321.00	631
68.00	2363	150.00	535	228.00	2641	322.00	399
69.00	137344	151.00	1202	229.00	4078	323.00	7270
70.00	601	152.00	711	230.00	768	324.00	1272
73.00	543	153.00	2425	231.00	1756	325.00	81
74.00	12325	154.00	2053	232.00	296	326.00	87
75.00	19664	155.00	5103	233.00	324	327.00	1263
76.00	6128	156.00	6753	234.00	1147	328.00	594
77.00	143872	157.00	1434	235.00	1434	329.00	64
78.00	9098	158.00	1405	236.00	1191	332.00	580
79.00	8516	159.00	1113	237.00	1480	333.00	829
80.00	6674	160.00	2902	238.00	232	334.00	4416
81.00	11198	161.00	4330	239.00	767	335.00	1042
82.00	2493	162.00	1282	240.00	693	336.00	242
83.00	1799	163.00	39	241.00	1053	340.00	65
85.00	1797	164.00	562	242.00	2212	341.00	767

86.00	1467	165.00	2706	243.00	2274	342.00	163
87.00	1101	166.00	3030	244.00	34336	346.00	1465
88.00	283	167.00	15018	245.00	4567	347.00	160
89.00	360	168.00	7102	246.00	6500	350.00	119
91.00	2331	169.00	1430	247.00	1665	352.00	2062
92.00	2397	170.00	458	248.00	255	353.00	1674
93.00	16248	171.00	789	249.00	1048	354.00	1933
94.00	1289	172.00	1719	250.00	255	355.00	345
95.00	8	173.00	1854	251.00	279	360.00	57
96.00	709	174.00	3638	252.00	505	365.00	9303
97.00	252	175.00	6564	253.00	759	366.00	1450
98.00	11608	176.00	1588	254.00	586	370.00	317
99.00	9800	177.00	2553	255.00	185152	371.00	636
100.00	2155	178.00	1280	256.00	25192	372.00	3202
101.00	6637	179.00	11911	257.00	1531	373.00	1121
102.00	399	180.00	9214	258.00	10151	377.00	174
103.00	1568	181.00	3758	259.00	1817	383.00	913
104.00	4143	182.00	819	260.00	175	384.00	358
105.00	4039	183.00	309	261.00	354	390.00	314
106.00	769	184.00	796	263.00	50	391.00	436
107.00	50272	185.00	5874	264.00	276	392.00	98
108.00	7447	186.00	45792	265.00	4627	402.00	1608
109.00	1361	187.00	12750	266.00	301	403.00	1946
110.00	91352	188.00	1144	270.00	248	404.00	897
111.00	14339	189.00	2383	271.00	401	415.00	59
112.00	1448	190.00	602	272.00	541	421.00	1841
113.00	739	191.00	1259	273.00	5175	422.00	1372
115.00	201	192.00	3998	274.00	13476	423.00	9953
116.00	2368	193.00	4253	275.00	75256	424.00	2285
117.00	36152	194.00	1115	276.00	10053	425.00	127
118.00	2305	195.00	545	277.00	6250	441.00	30704
119.00	8	196.00	8373	278.00	962	442.00	227712
120.00	515	197.00	1797	279.00	210	443.00	43264
121.00	315	198.00	359296	282.00	90	444.00	4152
122.00	2755	199.00	24936	283.00	708	445.00	233
123.00	5018	200.00	1939	284.00	554		
124.00	2507	201.00	1621	285.00	1306		

TestAmerica Inc

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123064.b\Cs23064.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 04-MAY-2011 07:31
Operator : S.Jonas Inst ID: msc.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msc.i\C1123064.b\mscdftppSW.m
Meth Date : 18-Aug-2010 11:46 stephan Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
9.821	9.811	0.010	198	376192			0.00- 100.00	100.00
9.821	9.361	0.460	51	142912			30.00- 60.00	37.99
9.821	9.361	0.460	68	2551			0.00- 2.00	1.69
9.821	9.361	0.460	69	151296			0.00- 100.00	40.22
9.821	9.361	0.460	70	934			0.00- 2.00	0.62
9.821	9.361	0.460	127	199232			40.00- 60.00	52.96
9.821	9.361	0.460	197	1920			0.00- 1.00	0.51
9.821	9.361	0.460	199	24344			5.00- 9.00	6.47
9.821	9.361	0.460	275	74656			10.00- 30.00	19.85
9.821	9.361	0.460	365	9081			1.00- 100.00	2.41
9.821	9.361	0.460	441	32928			0.01- 99.99	72.73
9.821	9.361	0.460	442	236800			40.00- 100.00	62.95
9.821	9.361	0.460	443	45272			17.00- 23.00	19.12

Data File: Cs23064.D

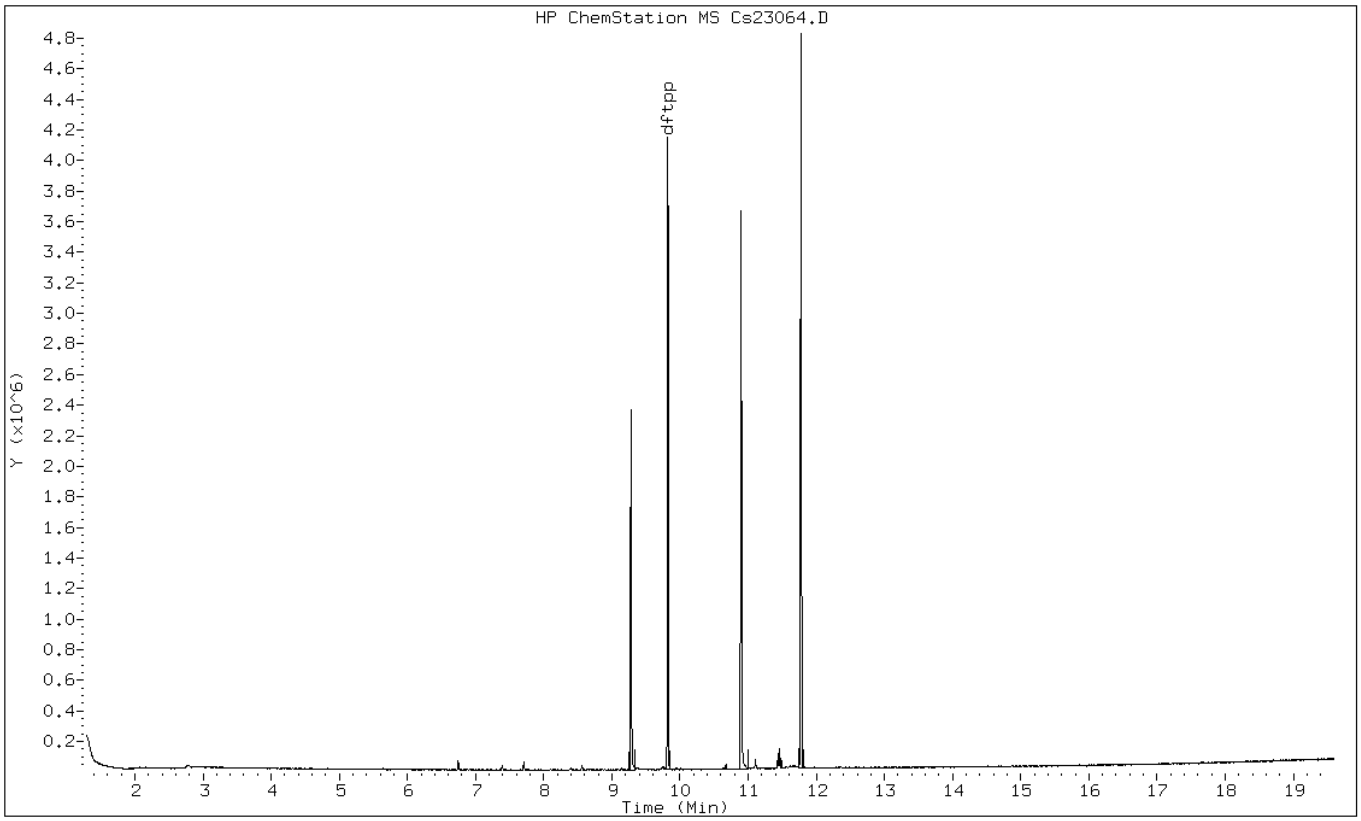
Date: 04-MAY-2011 07:31

Client ID: DFTPP

Instrument: msc.i

Sample Info: DFTPP

Operator: S.Jonas



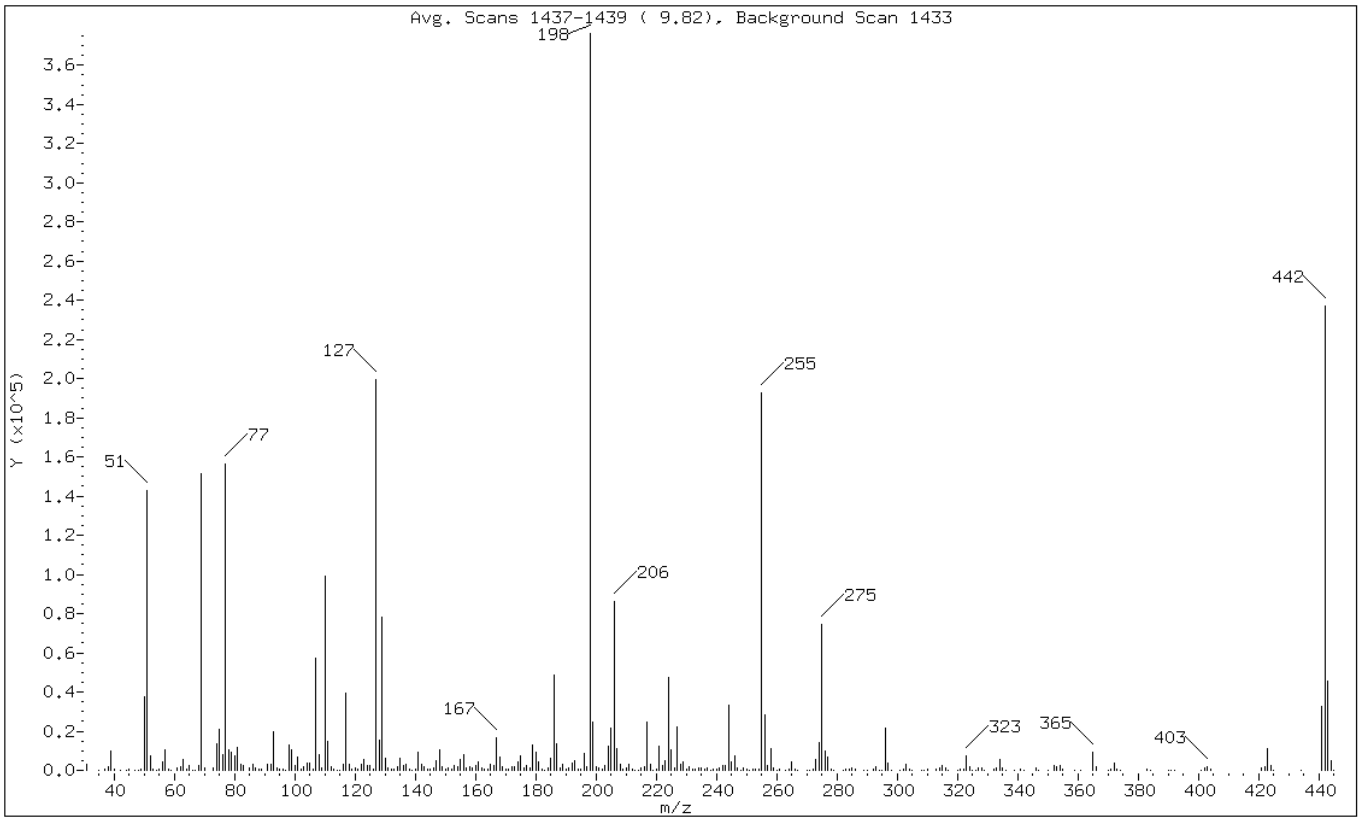
Data File: Cs23064.D

Date: 04-MAY-2011 07:31

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	37.99
68	Less than 2.00% of mass 69	0.68 (1.69)
69	Less than 100.00% of mass 198	40.22
70	Less than 2.00% of mass 69	0.25 (0.62)
127	40.00 - 60.00% of mass 198	52.96
197	Less than 1.00% of mass 198	0.51
199	5.00 - 9.00% of mass 198	6.47
275	10.00 - 30.00% of mass 198	19.85
365	1.00 - 100.00% of mass 198	2.41
441	Present, but less than mass 443	8.75
442	40.00 - 100.00% of mass 198	62.95
443	17.00 - 23.00% of mass 442	12.03 (19.12)

Data File: Cs23064.D

Date: 04-MAY-2011 07:31

Client ID: DFTPP Instrument: msc.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\consvr05\files\Chem\BNA\msc.i\C1123064.b\Cs23064.D
Spectrum: Avg. Scans 1437-1439 (9.82), Background Scan 1433
Location of Maximum: 198.00
Number of points: 315

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	3092	122.00	3220	201.00	1287	285.00	1312
35.00	190	123.00	5470	202.00	384	286.00	377
37.00	539	124.00	2451	203.00	2523	289.00	218
38.00	1588	125.00	2713	204.00	12465	290.00	216
39.00	9878	126.00	707	205.00	21440	292.00	314
40.00	464	127.00	199232	206.00	86224	293.00	1652
42.00	110	128.00	15369	207.00	10782	294.00	265
44.00	49	129.00	77896	208.00	2833	295.00	195
45.00	372	130.00	6184	209.00	862	296.00	21680
47.00	272	131.00	1208	210.00	1429	297.00	3596
48.00	65	132.00	849	211.00	3198	298.00	181
49.00	672	133.00	384	212.00	450	301.00	224
50.00	37264	134.00	1915	213.00	196	302.00	346
51.00	142912	135.00	5891	214.00	172	303.00	2923
52.00	7145	136.00	2232	215.00	1219	304.00	721
53.00	407	137.00	2893	216.00	1790	305.00	64
54.00	58	138.00	560	217.00	24464	308.00	255
55.00	442	139.00	292	218.00	3012	309.00	235
56.00	4320	140.00	742	219.00	300	310.00	383
57.00	10661	141.00	9374	220.00	530	313.00	329
58.00	420	142.00	3122	221.00	12242	314.00	1180
59.00	179	143.00	1970	222.00	2689	315.00	2406
61.00	1453	144.00	645	223.00	5183	316.00	1465
62.00	1910	145.00	428	224.00	47608	317.00	236
63.00	5342	146.00	1038	225.00	10703	320.00	52
64.00	748	147.00	4667	226.00	1143	321.00	523
65.00	2591	148.00	10324	227.00	22376	322.00	477
66.00	156	149.00	2146	228.00	2953	323.00	7610
67.00	240	150.00	471	229.00	4109	324.00	1599
68.00	2551	151.00	1160	230.00	606	325.00	74
69.00	151296	152.00	848	231.00	1588	326.00	62
70.00	934	153.00	2517	232.00	312	327.00	1306
73.00	1054	154.00	2074	233.00	364	328.00	976
74.00	13704	155.00	5610	234.00	1267	329.00	50
75.00	20800	156.00	7865	235.00	1352	332.00	401
76.00	7920	157.00	1247	236.00	858	333.00	1044
77.00	156672	158.00	1629	237.00	1321	334.00	5245
78.00	10220	159.00	1310	238.00	57	335.00	1297
79.00	9276	160.00	2415	239.00	829	336.00	151
80.00	7261	161.00	4207	240.00	702	339.00	73

81.00	11869	162.00	945	241.00	1028	341.00	641
82.00	3145	163.00	479	242.00	2564	342.00	249
83.00	2489	164.00	423	243.00	2498	346.00	1262
85.00	1518	165.00	3363	244.00	33280	347.00	100
86.00	2776	166.00	2607	245.00	4410	350.00	57
87.00	1362	167.00	16496	246.00	7177	352.00	2315
88.00	631	168.00	6881	247.00	1391	353.00	1714
89.00	334	169.00	1542	248.00	279	354.00	2324
91.00	3070	170.00	497	249.00	1366	355.00	391
92.00	2894	171.00	744	250.00	407	359.00	194
93.00	19592	172.00	1648	251.00	267	361.00	80
94.00	1167	173.00	2120	252.00	547	365.00	9081
95.00	452	174.00	4312	253.00	757	366.00	1641
96.00	892	175.00	7621	254.00	670	370.00	186
97.00	165	176.00	1389	255.00	192448	371.00	455
98.00	13158	177.00	2614	256.00	28376	372.00	3645
99.00	10565	178.00	1077	257.00	2405	373.00	757
100.00	2243	179.00	13059	258.00	11057	374.00	69
101.00	6899	180.00	8968	259.00	1362	383.00	742
102.00	407	181.00	4549	260.00	79	384.00	219
103.00	1800	182.00	547	261.00	320	390.00	255
104.00	3638	183.00	271	263.00	154	391.00	301
105.00	3850	184.00	1135	264.00	337	392.00	194
106.00	808	185.00	6203	265.00	4232	401.00	95
107.00	57032	186.00	48528	266.00	489	402.00	1485
108.00	7789	187.00	13693	267.00	63	403.00	1791
109.00	1330	188.00	1535	270.00	219	404.00	529
110.00	99224	189.00	2912	271.00	295	421.00	1495
111.00	14726	190.00	632	272.00	726	422.00	1577
112.00	1692	191.00	1359	273.00	5273	423.00	10807
113.00	658	192.00	3941	274.00	14409	424.00	2165
114.00	97	193.00	5176	275.00	74656	425.00	223
115.00	175	194.00	865	276.00	9874	434.00	52
116.00	3078	195.00	692	277.00	6932	441.00	32928
117.00	39264	196.00	8660	278.00	917	442.00	236800
118.00	2798	197.00	1920	279.00	191	443.00	45272
119.00	478	198.00	376192	282.00	147	444.00	4761
120.00	1007	199.00	24344	283.00	801	445.00	243
121.00	351	200.00	1856	284.00	606		

TestAmerica Inc

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\Zs19809.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 29-APR-2011 07:47
Operator : smith Inst ID: msz.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\mszdftppSW.m
Meth Date : 30-Jul-2010 12:41 target Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
9.800	9.891	-0.091	198	94208			0.00- 100.00	100.00
9.800	9.880	-0.080	51	55280			30.00- 60.00	58.68
9.800	9.880	-0.080	68	525			0.00- 2.00	1.19
9.800	9.880	-0.080	69	44024			0.00- 100.00	46.73
9.800	9.880	-0.080	70	225			0.00- 2.00	0.51
9.800	9.880	-0.080	127	52416			40.00- 60.00	55.64
9.800	9.880	-0.080	197	0	0.0	0.0	0.00- 1.00	0.00
9.800	9.880	-0.080	199	6626			5.00- 9.00	7.03
9.800	9.880	-0.080	275	23496			10.00- 30.00	24.94
9.800	9.880	-0.080	365	4095			1.00- 100.00	4.35
9.800	9.880	-0.080	441	13329			0.01- 99.99	76.60
9.800	9.880	-0.080	442	90336			40.00- 100.00	95.89
9.800	9.880	-0.080	443	17400			17.00- 23.00	19.26

Data File: Zs19809.D

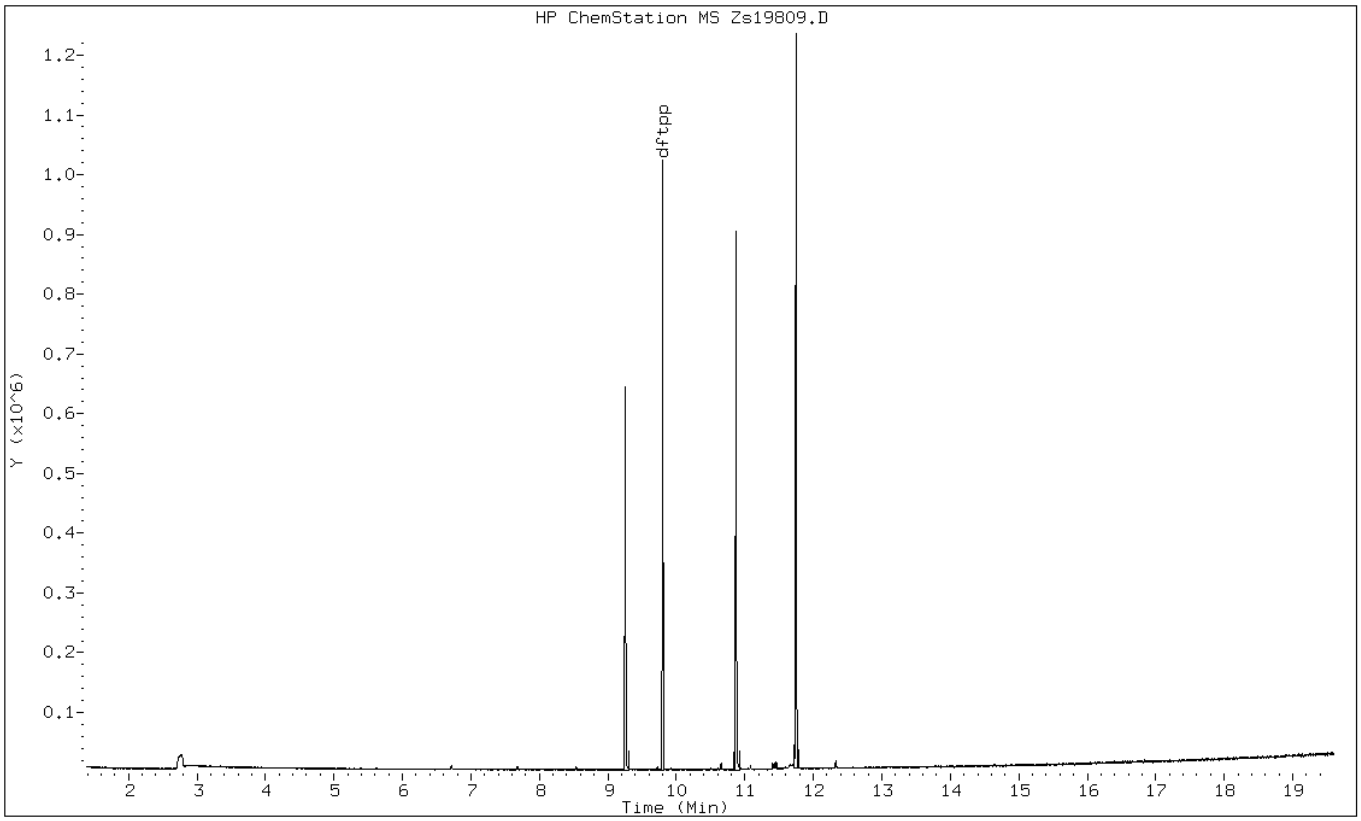
Date: 29-APR-2011 07:47

Client ID: DFTPP

Instrument: msz.i

Sample Info: DFTPP

Operator: smith



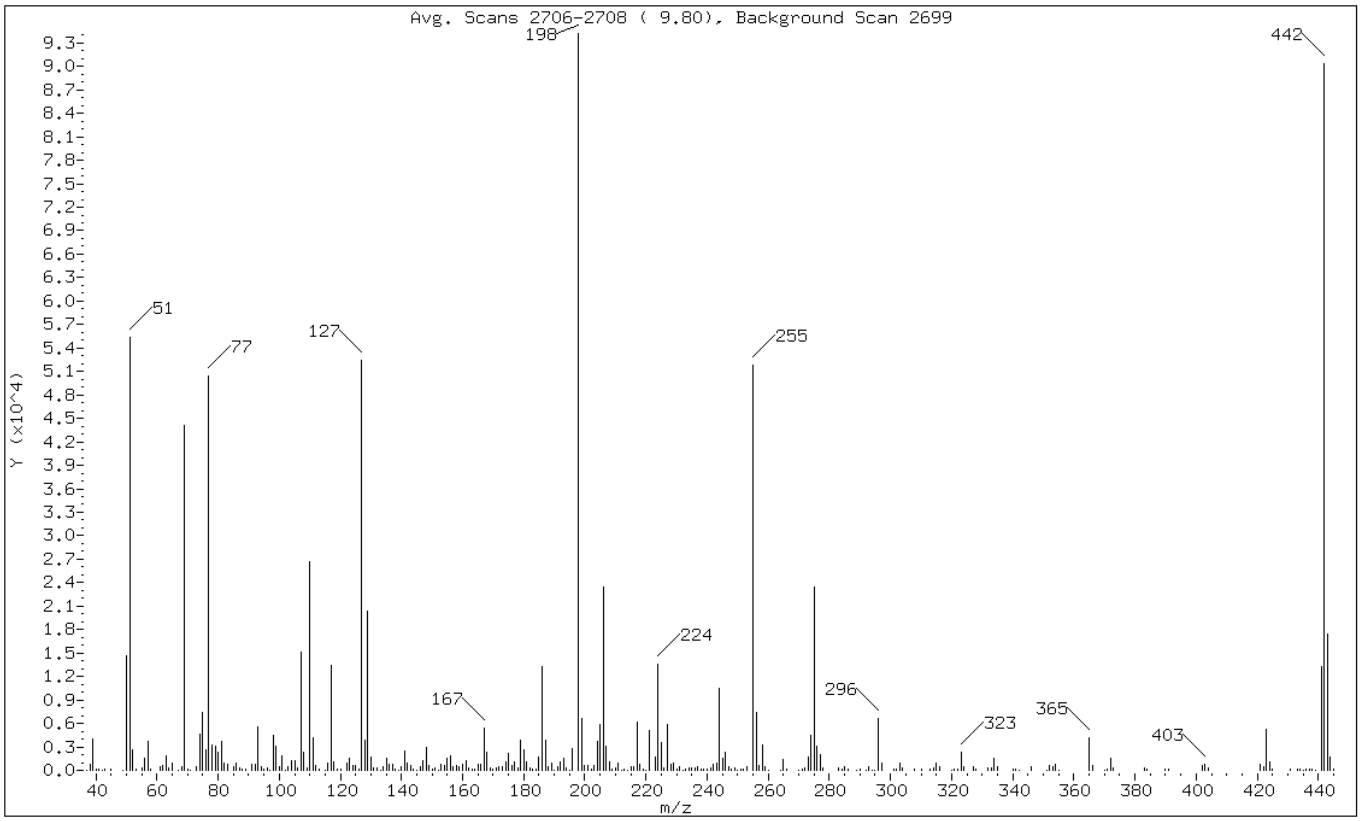
Data File: Zs19809.D

Date: 29-APR-2011 07:47

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	58.68
68	Less than 2.00% of mass 69	0.56 (1.19)
69	Less than 100.00% of mass 198	46.73
70	Less than 2.00% of mass 69	0.24 (0.51)
127	40.00 - 60.00% of mass 198	55.64
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.03
275	10.00 - 30.00% of mass 198	24.94
365	1.00 - 100.00% of mass 198	4.35
441	Present, but less than mass 443	14.15
442	40.00 - 100.00% of mass 198	95.89
443	17.00 - 23.00% of mass 442	18.47 (19.26)

Data File: Zs19809.D

Date: 29-APR-2011 07:47

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP Operator: smith

Data File: \\consvr05\files\Chem\BNA\msz.i\Z1119808.b\Zs19809.D
Spectrum: Avg. Scans 2706-2708 (9.80), Background Scan 2699
Location of Maximum: 198.00
Number of points: 293

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	77	124.00	638	199.00	6626	285.00	422
38.00	734	125.00	659	200.00	634	286.00	99
39.00	3937	126.00	144	201.00	655	289.00	51
40.00	80	127.00	52416	202.00	139	290.00	90
41.00	91	128.00	3849	203.00	603	292.00	50
42.00	51	129.00	20352	204.00	3707	293.00	504
43.00	90	130.00	1762	205.00	5913	294.00	60
45.00	103	131.00	369	206.00	23368	295.00	65
49.00	72	132.00	300	207.00	3049	296.00	6634
50.00	14678	133.00	40	208.00	1098	297.00	929
51.00	55280	134.00	530	209.00	116	301.00	149
52.00	2673	135.00	1519	210.00	282	302.00	147
53.00	153	136.00	694	211.00	868	303.00	893
55.00	303	137.00	787	212.00	60	304.00	255
56.00	1517	138.00	129	213.00	122	308.00	134
57.00	3734	139.00	52	214.00	42	310.00	132
58.00	193	140.00	386	215.00	393	313.00	105
61.00	533	141.00	2457	216.00	400	314.00	311
62.00	633	142.00	882	217.00	6177	315.00	904
63.00	1921	143.00	588	218.00	831	316.00	456
64.00	259	144.00	144	219.00	90	320.00	74
65.00	917	145.00	66	220.00	77	321.00	149
67.00	34	146.00	522	221.00	5025	322.00	173
68.00	525	147.00	1233	223.00	1652	323.00	2378
69.00	44024	148.00	2877	224.00	13631	324.00	496
70.00	225	149.00	653	225.00	3545	327.00	412
71.00	39	150.00	184	226.00	266	328.00	123
73.00	401	151.00	329	227.00	5918	332.00	264
74.00	4629	152.00	75	228.00	820	333.00	270
75.00	7416	153.00	768	229.00	1001	334.00	1534
76.00	2636	154.00	645	230.00	158	335.00	456
77.00	50408	155.00	1474	231.00	508	340.00	99
78.00	3263	156.00	1911	232.00	50	341.00	168
79.00	3060	157.00	438	233.00	176	342.00	53
80.00	2261	158.00	553	234.00	349	346.00	531
81.00	3672	159.00	434	235.00	377	351.00	39
82.00	892	160.00	734	236.00	318	352.00	649
83.00	754	161.00	1217	237.00	495	353.00	539
85.00	522	162.00	329	238.00	106	354.00	695
86.00	992	163.00	133	239.00	150	355.00	67

87.00	360	164.00	91	240.00	227	365.00	4095
88.00	173	165.00	782	241.00	259	366.00	544
89.00	83	166.00	698	242.00	737	370.00	73
91.00	765	167.00	5389	243.00	876	371.00	130
92.00	836	168.00	2380	244.00	10450	372.00	1534
93.00	5565	169.00	335	245.00	1527	373.00	347
94.00	417	170.00	183	246.00	2303	383.00	362
95.00	85	171.00	272	247.00	425	384.00	133
96.00	312	172.00	481	248.00	135	390.00	228
97.00	45	173.00	494	249.00	276	391.00	118
98.00	4478	174.00	1019	250.00	37	402.00	544
99.00	3129	175.00	2107	251.00	197	403.00	834
100.00	471	176.00	589	252.00	226	404.00	254
101.00	1847	177.00	1041	253.00	467	421.00	847
102.00	40	178.00	305	255.00	51824	422.00	538
103.00	516	179.00	3897	256.00	7462	423.00	5184
104.00	1186	180.00	2559	257.00	564	424.00	1040
105.00	1258	181.00	1085	258.00	3241	425.00	97
106.00	340	182.00	237	259.00	434	431.00	125
107.00	15108	183.00	163	260.00	69	433.00	103
108.00	2318	184.00	219	264.00	40	434.00	78
109.00	360	185.00	1656	265.00	1318	435.00	67
110.00	26744	186.00	13298	266.00	213	436.00	187
111.00	4235	187.00	3781	270.00	51	437.00	167
112.00	617	188.00	534	271.00	128	438.00	226
113.00	125	189.00	909	272.00	242	439.00	37
115.00	69	190.00	57	273.00	1747	441.00	13329
116.00	989	191.00	452	274.00	4469	442.00	90336
117.00	13407	192.00	1125	275.00	23496	443.00	17400
118.00	1060	193.00	1482	276.00	3155	444.00	1638
119.00	160	194.00	368	277.00	1934	445.00	79
120.00	198	195.00	59	278.00	239		
122.00	973	196.00	2771	283.00	238		
123.00	1610	198.00	94208	284.00	195		

TestAmerica Inc

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\Zs19892.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 04-MAY-2011 10:04
Operator : smith Inst ID: msz.i
Smp Info : DFTPP;dftpp tune
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\mszdftppSW.m
Meth Date : 30-Jul-2010 12:41 target Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
9.753	9.891	-0.138	198	81880			0.00- 100.00	100.00
9.753	9.880	-0.127	51	44320			30.00- 60.00	54.13
9.753	9.880	-0.127	68	636			0.00- 2.00	1.67
9.753	9.880	-0.127	69	38024			0.00- 100.00	46.44
9.753	9.880	-0.127	70	234			0.00- 2.00	0.62
9.753	9.880	-0.127	127	43600			40.00- 60.00	53.25
9.753	9.880	-0.127	197	0	0.0	0.0	0.00- 1.00	0.00
9.753	9.880	-0.127	199	5473			5.00- 9.00	6.68
9.753	9.880	-0.127	275	22712			10.00- 30.00	27.74
9.753	9.880	-0.127	365	3493			1.00- 100.00	4.27
9.753	9.880	-0.127	441	11478			0.01- 99.99	74.45
9.753	9.880	-0.127	442	80272			40.00- 100.00	98.04
9.753	9.880	-0.127	443	15418			17.00- 23.00	19.21

Data File: Zs19892.D

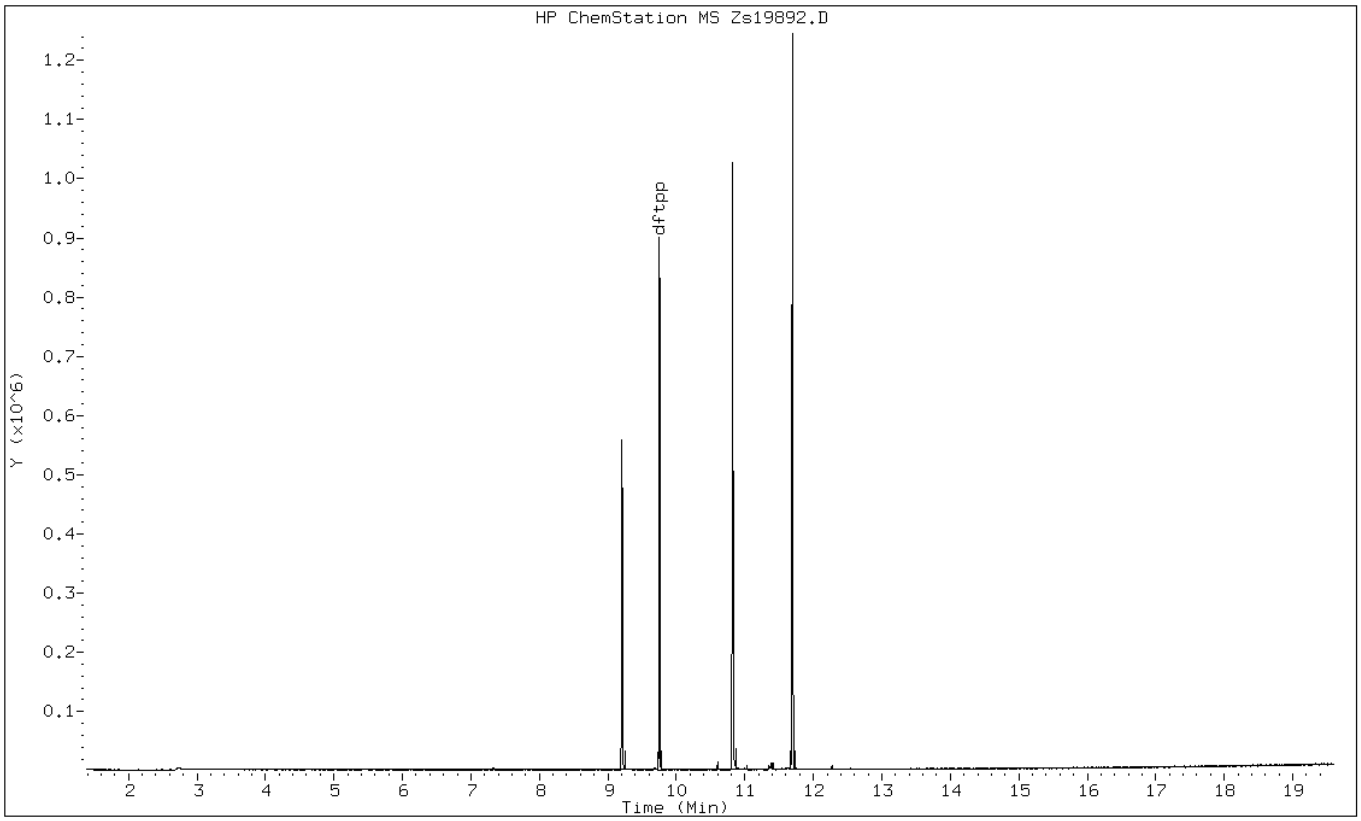
Date: 04-MAY-2011 10:04

Client ID: DFTPP

Instrument: msz.i

Sample Info: DFTPP;dftpp tune

Operator: smith



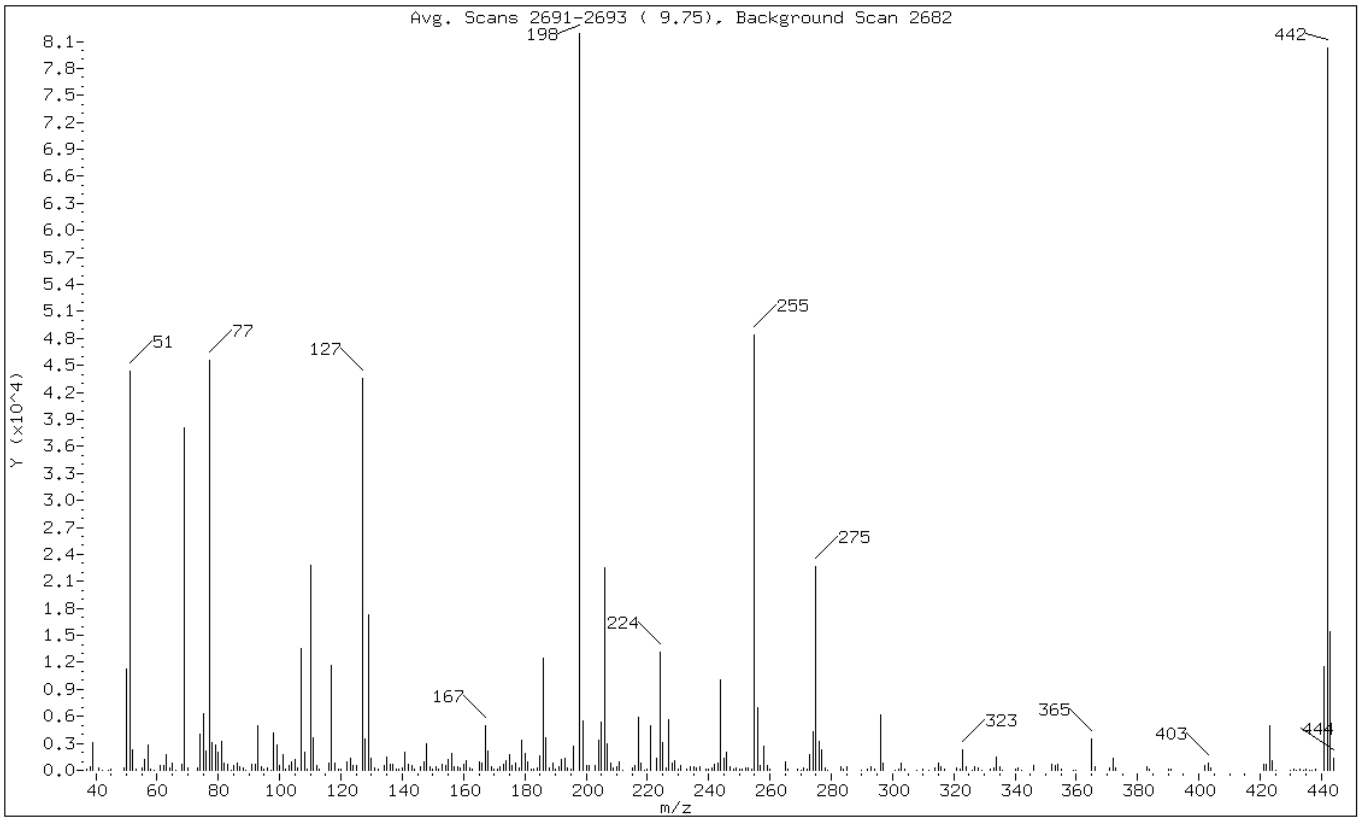
Data File: Zs19892.D

Date: 04-MAY-2011 10:04

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP;dftpp tune Operator: smith

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	54.13
68	Less than 2.00% of mass 69	0.78 (1.67)
69	Less than 100.00% of mass 198	46.44
70	Less than 2.00% of mass 69	0.29 (0.62)
127	40.00 - 60.00% of mass 198	53.25
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.68
275	10.00 - 30.00% of mass 198	27.74
365	1.00 - 100.00% of mass 198	4.27
441	Present, but less than mass 443	14.02
442	40.00 - 100.00% of mass 198	98.04
443	17.00 - 23.00% of mass 442	18.83 (19.21)

Data File: Zs19892.D

Date: 04-MAY-2011 10:04

Client ID: DFTPP Instrument: msz.i

Sample Info: DFTPP;dftpp tune Operator: smith

Data File: \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\Zs19892.D
Spectrum: Avg. Scans 2691-2693 (9.75), Background Scan 2682
Location of Maximum: 198.00
Number of points: 285

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	184	123.00	1350	200.00	581	292.00	91
38.00	408	124.00	542	201.00	522	293.00	440
39.00	3091	125.00	549	203.00	566	294.00	179
41.00	224	127.00	43600	204.00	3332	296.00	6158
42.00	41	128.00	3461	205.00	5387	297.00	769
44.00	3	129.00	17328	206.00	22456	301.00	47
45.00	126	130.00	1388	207.00	3014	302.00	160
49.00	318	131.00	316	208.00	783	303.00	792
50.00	11242	132.00	144	209.00	223	304.00	135
51.00	44320	134.00	519	210.00	370	308.00	53
52.00	2289	135.00	1447	211.00	887	310.00	125
53.00	84	136.00	604	212.00	64	312.00	35
55.00	295	137.00	611	215.00	292	314.00	302
56.00	1196	138.00	169	216.00	575	315.00	849
57.00	2817	139.00	77	217.00	5931	316.00	364
58.00	143	140.00	224	218.00	836	317.00	107
59.00	41	141.00	2075	219.00	40	321.00	300
61.00	533	142.00	627	220.00	92	322.00	79
62.00	573	143.00	601	221.00	4959	323.00	2258
63.00	1710	144.00	95	223.00	1400	324.00	401
64.00	289	146.00	456	224.00	13082	326.00	35
65.00	777	147.00	1005	225.00	3067	327.00	358
66.00	39	148.00	2986	226.00	209	328.00	260
68.00	636	149.00	449	227.00	5613	329.00	37
69.00	38024	150.00	153	228.00	760	332.00	110
70.00	234	151.00	366	229.00	1093	333.00	239
73.00	256	152.00	133	230.00	121	334.00	1439
74.00	4011	153.00	653	231.00	584	335.00	343
75.00	6277	154.00	596	233.00	148	336.00	33
76.00	2092	155.00	1254	234.00	411	340.00	128
77.00	45592	156.00	1898	235.00	361	341.00	216
78.00	3055	157.00	415	236.00	262	342.00	42
79.00	2862	158.00	418	237.00	425	346.00	504
80.00	2015	159.00	306	239.00	178	352.00	685
81.00	3174	160.00	652	240.00	89	353.00	498
82.00	779	161.00	1016	241.00	332	354.00	670
83.00	638	162.00	314	242.00	737	355.00	126
84.00	34	163.00	80	243.00	751	359.00	38
85.00	508	165.00	969	244.00	10038	360.00	34
86.00	842	166.00	748	245.00	1337	365.00	3493

87.00	434	167.00	4908	246.00	1962	366.00	419
88.00	219	168.00	2108	247.00	423	371.00	224
89.00	47	169.00	341	248.00	119	372.00	1381
91.00	637	170.00	140	249.00	335	373.00	313
92.00	666	171.00	122	250.00	81	383.00	386
93.00	5024	172.00	387	251.00	134	384.00	159
94.00	371	173.00	648	252.00	291	390.00	180
95.00	82	174.00	1030	253.00	263	391.00	180
96.00	214	175.00	1689	254.00	159	402.00	585
97.00	60	176.00	504	255.00	48368	403.00	804
98.00	4189	177.00	832	256.00	6988	404.00	258
99.00	2860	178.00	227	257.00	495	421.00	720
100.00	539	179.00	3319	258.00	2727	422.00	655
101.00	1681	180.00	1926	259.00	524	423.00	4949
102.00	97	181.00	975	260.00	84	424.00	1139
103.00	567	182.00	137	265.00	985	425.00	34
104.00	983	183.00	103	266.00	70	430.00	34
105.00	1161	184.00	213	269.00	112	431.00	129
106.00	258	185.00	1593	270.00	36	432.00	39
107.00	13572	186.00	12502	271.00	263	433.00	131
108.00	1990	187.00	3646	272.00	142	434.00	40
109.00	174	188.00	307	273.00	1715	435.00	78
110.00	22784	189.00	788	274.00	4305	436.00	36
111.00	3562	190.00	144	275.00	22712	437.00	41
112.00	516	191.00	432	276.00	3204	438.00	126
113.00	147	192.00	1149	277.00	2325	441.00	11478
116.00	861	193.00	1333	278.00	328	442.00	80272
117.00	11613	194.00	303	279.00	40	443.00	15418
118.00	767	195.00	158	283.00	373	444.00	1353
119.00	85	196.00	2650	284.00	128		
120.00	120	198.00	81880	285.00	404		
122.00	896	199.00	5473	290.00	36		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-50206/1-A

Matrix: Water | Lab File ID: Z19896.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 04/28/2011 13:57

Sample wt/vol: 1000(mL) | Date Analyzed: 05/04/2011 11:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50456 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	4.0	U	4.0	0.30
83-32-9	Acenaphthene	4.0	U	4.0	0.31
86-73-7	Fluorene	4.0	U	4.0	0.26
85-01-8	Phenanthrene	4.0	U	4.0	0.28
120-12-7	Anthracene	4.0	U	4.0	0.29
129-00-0	Pyrene	4.0	U	4.0	0.33
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36
206-44-0	Fluoranthene	4.0	U	4.0	0.31
208-96-8	Acenaphthylene	4.0	U	4.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	54		40-120
321-60-8	2-Fluorobiphenyl	57		39-120
1718-51-0	Terphenyl-d14	66		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\Z19896.D
Lab Smp Id: MB 220-50206/1-A Client Smp ID: MB 220-50206/1-A
Inj Date : 04-MAY-2011 11:40
Operator : S.Jonas Inst ID: msz.i
Smp Info : MB 220-50206/1-A
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\MSZ-8270C.m
Meth Date : 05-May-2011 08:01 conbna Quant Type: ISTD
Cal Date : 29-APR-2011 12:55 Cal File: Za19820.D
Als bottle: 2 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

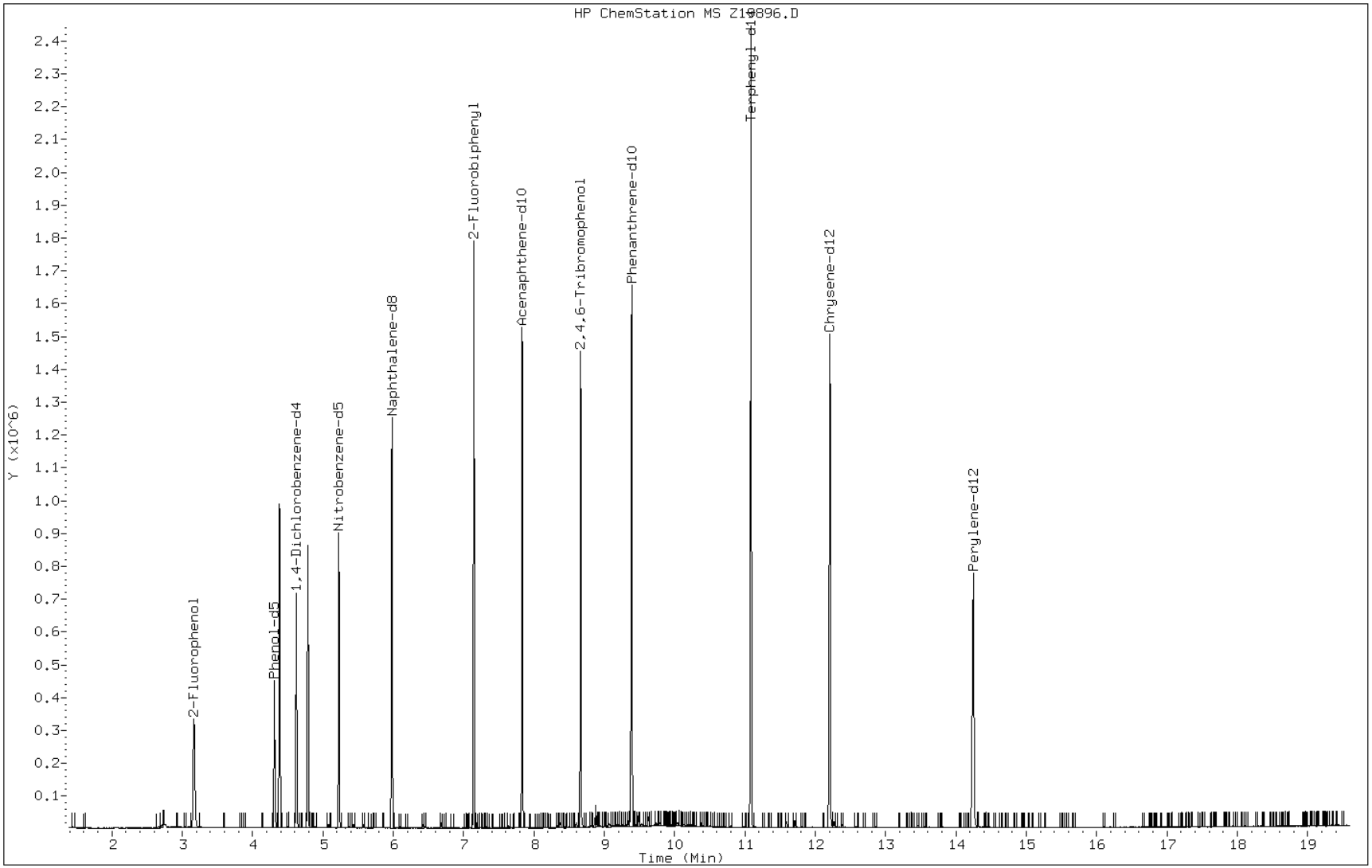
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
* 1 1,4-Dichlorobenzene-d4	152	4.622	4.625	(1.000)	107059	20.0000	
$ 2 2-Fluorophenol	112	3.167	3.174	(0.685)	148374	23.2612	23
$ 3 Phenol-d5	99	4.311	4.324	(0.933)	145430	15.8473	16
* 20 Naphthalene-d8	136	5.980	5.986	(1.000)	468625	20.0000	
$ 21 Nitrobenzene-d5	82	5.228	5.234	(0.874)	249151	27.1666	27
* 35 Acenaphthene-d10	164	7.833	7.836	(1.000)	298629	20.0000	
$ 40 2-Fluorobiphenyl	172	7.146	7.149	(0.912)	477354	28.3947	28
$ 56 2,4,6-Tribromophenol	330	8.666	8.672	(1.106)	149763	51.0424	51
* 57 Phenanthrene-d10	188	9.390	9.393	(1.000)	554672	20.0000	
* 70 Chrysene-d12	240	12.209	12.218	(1.000)	611603	20.0000	
$ 73 Terphenyl-d14	244	11.087	11.087	(0.908)	758722	33.0987	33
* 79 Perylene-d12	264	14.248	14.248	(1.000)	462133	20.0000	

Data File: Z19896.D

Date: 04-MAY-2011 11:40

Client ID: MB 220-50206/1-A Instrument: msz.i

Sample Info: MB 220-50206/1-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-50282/1-A

Matrix: Solid | Lab File ID: C23017.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 05/02/2011 06:45

Sample wt/vol: 15.0(g) | Date Analyzed: 05/02/2011 11:25

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50341 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	270	U	270	14
83-32-9	Acenaphthene	270	U	270	16
86-73-7	Fluorene	270	U	270	16
85-01-8	Phenanthrene	270	U	270	13
120-12-7	Anthracene	270	U	270	11
129-00-0	Pyrene	270	U	270	13
56-55-3	Benzo[a]anthracene	270	U	270	9.6
218-01-9	Chrysene	270	U	270	20
205-99-2	Benzo[b]fluoranthene	270	U	270	7.2
207-08-9	Benzo[k]fluoranthene	270	U	270	24
50-32-8	Benzo[a]pyrene	270	U	270	7.3
193-39-5	Indeno[1,2,3-cd]pyrene	270	U	270	18
53-70-3	Dibenz(a,h)anthracene	270	U	270	21
191-24-2	Benzo[g,h,i]perylene	270	U	270	18
206-44-0	Fluoranthene	270	U	270	13
208-96-8	Acenaphthylene	270	U	270	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	80		38-120
321-60-8	2-Fluorobiphenyl	81		41-120
1718-51-0	Terphenyl-d14	76		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123013.b\C23017.D
Lab Smp Id: MB 220-50282/1-A Client Smp ID: MB 220-50282/1-A
Inj Date : 02-MAY-2011 11:25
Operator : S.Jonas Inst ID: msc.i
Smp Info : MB 220-50282/1-A
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123013.b\MSC-8270C.m
Meth Date : 02-May-2011 10:20 stephan Quant Type: ISTD
Cal Date : 29-APR-2011 11:04 Cal File: C22988.D
Als bottle: 3 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.000	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

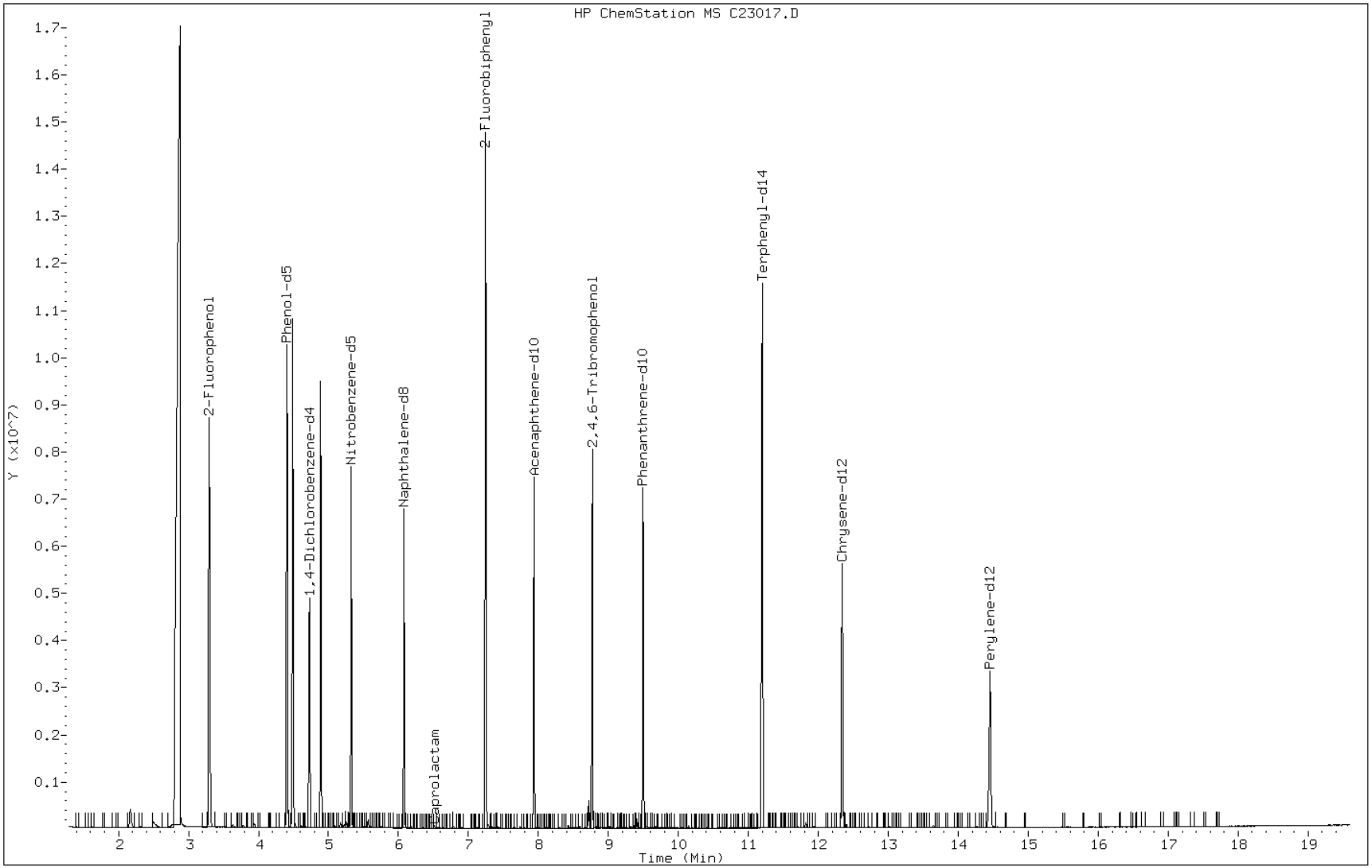
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.729	4.723	(1.000)	775025	20.0000	
$ 2	2-Fluorophenol	112	3.298	3.275	(0.698)	3351517	60.7743	4100
$ 3	Phenol-d5	99	4.408	4.408	(0.932)	4125131	62.4208	4200
* 20	Naphthalene-d8	136	6.082	6.082	(1.000)	3128695	20.0000	
$ 21	Nitrobenzene-d5	82	5.328	5.328	(0.876)	2208920	40.0000	2700
129	Caprolactam	113	6.509	6.610	(1.070)	8444	0.58782	39
* 35	Acenaphthene-d10	164	7.934	7.940	(1.000)	1806817	20.0000	
$ 40	2-Fluorobiphenyl	172	7.245	7.251	(0.913)	4183600	40.6143	2700
$ 56	2,4,6-Tribromophenol	330	8.771	8.777	(1.105)	725131	56.8797	3800
* 57	Phenanthrene-d10	188	9.495	9.507	(1.000)	2714479	20.0000	
* 70	Chrysene-d12	240	12.344	12.356	(1.000)	2731412	20.0000	
$ 73	Terphenyl-d14	244	11.198	11.198	(0.907)	3842522	37.8088	2500
* 79	Perylene-d12	264	14.457	14.457	(1.000)	2313778	20.0000	

Data File: C23017.D

Date: 02-MAY-2011 11:25

Client ID: MB 220-50282/1-A Instrument: msc.i

Sample Info: MB 220-50282/1-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-50206/2-A

Matrix: Water | Lab File ID: Z19897.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 04/28/2011 13:57

Sample wt/vol: 1000(mL) | Date Analyzed: 05/04/2011 12:07

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50456 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	25.7		4.0	0.30
83-32-9	Acenaphthene	29.4		4.0	0.31
86-73-7	Fluorene	33.9		4.0	0.26
85-01-8	Phenanthrene	30.7		4.0	0.28
120-12-7	Anthracene	30.5		4.0	0.29
129-00-0	Pyrene	34.1		4.0	0.33
56-55-3	Benzo[a]anthracene	35.5		4.0	0.30
218-01-9	Chrysene	35.4		4.0	0.25
205-99-2	Benzo[b]fluoranthene	41.3		4.0	0.36
207-08-9	Benzo[k]fluoranthene	40.8		4.0	0.40
50-32-8	Benzo[a]pyrene	37.6		4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	32.5		4.0	0.28
53-70-3	Dibenz(a,h)anthracene	36.9		4.0	0.38
191-24-2	Benzo[g,h,i]perylene	38.6		4.0	0.36
206-44-0	Fluoranthene	34.5		4.0	0.31
208-96-8	Acenaphthylene	31.3		4.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	68		40-120
321-60-8	2-Fluorobiphenyl	73		39-120
1718-51-0	Terphenyl-d14	88		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\Z19897.D
Lab Smp Id: LCS 220-50206/2-A Client Smp ID: LCS 220-50206/2-A
Inj Date : 04-MAY-2011 12:07
Operator : S.Jonas Inst ID: msz.i
Smp Info : LCS 220-50206/2-A
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msz.i\Z1119890.b\MSZ-8270C.m
Meth Date : 05-May-2011 08:01 conbna Quant Type: ISTD
Cal Date : 29-APR-2011 12:55 Cal File: Za19820.D
Als bottle: 3 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: lcs.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

			QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1	1,4-Dichlorobenzene-d4	152	4.625	4.625	(1.000)	100784	20.0000	
$	2	2-Fluorophenol	112	3.174	3.174	(0.686)	162257	27.0215	27
$	3	Phenol-d5	99	4.317	4.324	(0.933)	151695	17.5592	18
	4	Pyridine	52	1.433	1.433	(0.310)	36286	11.8276	12
	5	N-Nitrosodimethylamine	42	1.427	1.427	(0.309)	31462	12.7825	13
	7	Phenol	94	4.333	4.336	(0.937)	86745	9.48491	9
	8	Aniline	93	4.280	4.280	(0.925)	230387	21.2016	21
	9	bis(2-Chloroethyl)ether	63	4.383	4.383	(0.948)	161797	21.7010	22
	10	2-Chlorophenol	128	4.408	4.407	(0.953)	174162	23.3146	23
	11	1,3-Dichlorobenzene	146	4.560	4.560	(0.986)	169468	20.8233	21
	12	1,4-Dichlorobenzene	146	4.641	4.641	(1.003)	173331	20.9363	21
	13	Benzyl alcohol	108	4.818	4.821	(1.042)	101517	21.8729	22
	14	1,2-Dichlorobenzene	146	4.802	4.802	(1.038)	165907	21.1947	21
	15	2,2'-oxybis(1-Chloropropane)	45	4.967	4.967	(1.074)	327970	20.7614	21
	16	2-Methylphenol	108	4.967	4.976	(1.074)	145205	21.1209	21
	17	Hexachloroethane	117	5.160	5.160	(1.116)	78141	19.7465	20
	18	N-Nitroso-di-n-propylamine	70	5.113	5.113	(1.105)	164353	25.4499	25
	19	4-Methylphenol	108	5.147	5.144	(1.113)	285270	38.9645	39
*	20	Naphthalene-d8	136	5.986	5.986	(1.000)	448615	20.0000	
$	21	Nitrobenzene-d5	82	5.234	5.234	(0.874)	297007	33.8292	34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
	22 Nitrobenzene	77	5.253	5.256	(0.877)	240909	26.7202	27
	23 Isophorone	82	5.523	5.523	(0.923)	449540	28.5391	28
	24 2-Nitrophenol	139	5.595	5.595	(0.935)	117226	27.9342	28
	25 2,4-Dimethylphenol	122	5.694	5.694	(0.951)	161938	24.4474	24
	26 Benzoic Acid	122	5.806	5.884	(0.970)	13104	5.50843	6
	27 Bis(2-Chloroethoxy)methane	93	5.781	5.781	(0.966)	268061	27.8670	28
	28 2,4-Dichlorophenol	162	5.865	5.865	(0.980)	166538	27.3332	27
	29 1,2,4-Trichlorobenzene	180	5.937	5.937	(0.992)	167160	23.9911	24
	30 Naphthalene	128	6.008	6.008	(1.004)	578953	25.6677	26
	31 4-Chloroaniline	127	6.089	6.092	(1.017)	244768	27.1973	27
	32 Hexachlorobutadiene	225	6.164	6.167	(1.030)	105353	25.0759	25
	33 4-Chloro-3-methylphenol	107	6.639	6.648	(1.109)	219117	30.3440	30
	34 2-Methylnaphthalene	142	6.745	6.745	(1.127)	398102	26.2370	26
*	35 Acenaphthene-d10	164	7.839	7.836	(1.000)	290028	20.0000	
	37 Hexachlorocyclopentadiene	237	6.925	6.925	(0.883)	103589	23.7065	24
	38 2,4,6-Trichlorophenol	196	7.062	7.062	(0.901)	148350	32.5864	32
	39 2,4,5-Trichlorophenol	196	7.096	7.105	(0.905)	160902	34.1347	34
$	40 2-Fluorobiphenyl	172	7.149	7.149	(0.912)	594090	36.3865	36
	41 2-Chloronaphthalene	162	7.255	7.254	(0.925)	408660	28.2969	28
	42 2-Nitroaniline	65	7.382	7.382	(0.942)	187596	32.1160	32
	43 Acenaphthylene	152	7.687	7.683	(0.981)	759761	31.3119	31
	44 Dimethylphthalate	163	7.606	7.596	(0.970)	570254	32.6851	33
	45 2,6-Dinitrotoluene	165	7.652	7.649	(0.976)	138573	33.5471	34
	46 Acenaphthene	153	7.876	7.873	(1.005)	470133	29.3736	29
	47 3-Nitroaniline	138	7.823	7.820	(0.998)	149960	33.6450	34
	48 2,4-Dinitrophenol	184	7.929	7.926	(1.011)	89195	34.1240	34
	49 Dibenzofuran	168	8.056	8.056	(1.028)	693960	32.6527	33
	50 2,4-Dinitrotoluene	165	8.072	8.069	(1.030)	193253	34.6301	35
	51 4-Nitrophenol	109	8.035	8.041	(1.025)	40220	15.0914	15
	52 Fluorene	166	8.417	8.417	(1.074)	603317	33.8967	34
	53 4-Chlorophenyl-phenylether	204	8.429	8.429	(1.075)	295169	34.0081	34
	54 Diethylphthalate	149	8.342	8.342	(1.064)	671536	37.0485	37
	55 4-Nitroaniline	138	8.470	8.470	(1.080)	152441	34.4369	34
$	56 2,4,6-Tribromophenol	330	8.675	8.672	(1.107)	201794	70.8152	71
*	57 Phenanthrene-d10	188	9.396	9.393	(1.000)	556200	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.504	8.501	(0.905)	126230	33.3655	33
	59 N-Nitrosodiphenylamine (1)	169	8.566	8.563	(0.912)	461497	33.6303	34
	60 1,2-Diphenylhydrazine	77	8.600	8.597	(0.915)	716516	29.8481	30
	61 4-Bromophenyl-phenylether	248	8.939	8.939	(0.951)	179656	32.5489	32
	62 Hexachlorobenzene	284	9.001	9.001	(0.958)	205131	33.0652	33
	63 Pentachlorophenol	266	9.213	9.216	(0.980)	107201	32.5414	32
	64 Phenanthrene	178	9.421	9.421	(1.003)	915371	30.6693	31
	65 Carbazole	167	9.657	9.657	(1.028)	897016	33.1407	33
	66 Anthracene	178	9.477	9.474	(1.009)	936916	30.5362	30
	67 Di-n-butylphthalate	149	10.052	10.052	(1.070)	1233302	34.6312	35
	68 Fluoranthene	202	10.670	10.670	(1.136)	1135788	34.4689	34
*	70 Chrysene-d12	240	12.218	12.218	(1.000)	608725	20.0000	
	72 Pyrene	202	10.903	10.903	(0.892)	1161293	34.1015	34
$	73 Terphenyl-d14	244	11.090	11.087	(0.908)	1001066	43.8773	44
	74 Butylbenzylphthalate	149	11.612	11.612	(0.950)	559290	37.5036	38
	75 3,3'-Dichlorobenzidine	252	12.187	12.187	(0.997)	227160	27.0137	27
	76 Benzo(a)anthracene	228	12.203	12.203	(0.999)	1088587	35.4804	35
	77 Chrysene	228	12.252	12.249	(1.003)	1042788	35.4370	35
	78 Bis(2-Ethylhexyl)phthalate	149	12.274	12.274	(1.005)	746904	40.5554	40

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
* 79 Perylene-d12	264	14.248	14.248	(1.000)	332999	20.0000	
80 Di-n-octylphthalate	149	13.129	13.129	(0.921)	1020687	49.8430	50(R)
81 Benzo(b)fluoranthene	252	13.654	13.651	(0.958)	743554	41.2974	41
82 Benzo(k)fluoranthene	252	13.701	13.694	(0.962)	741168	40.8080	41
83 Benzo(a)pyrene	252	14.158	14.154	(0.994)	538499	37.5632	38
84 Indeno(1,2,3-cd)pyrene	276	16.141	16.137	(1.133)	282161	32.4788	32
85 Dibenzo(a,h)anthracene	278	16.193	16.187	(1.137)	289608	36.9026	37
86 Benzo(g,h,i)perylene	276	16.641	16.638	(1.168)	267918	38.6279	39

QC Flag Legend

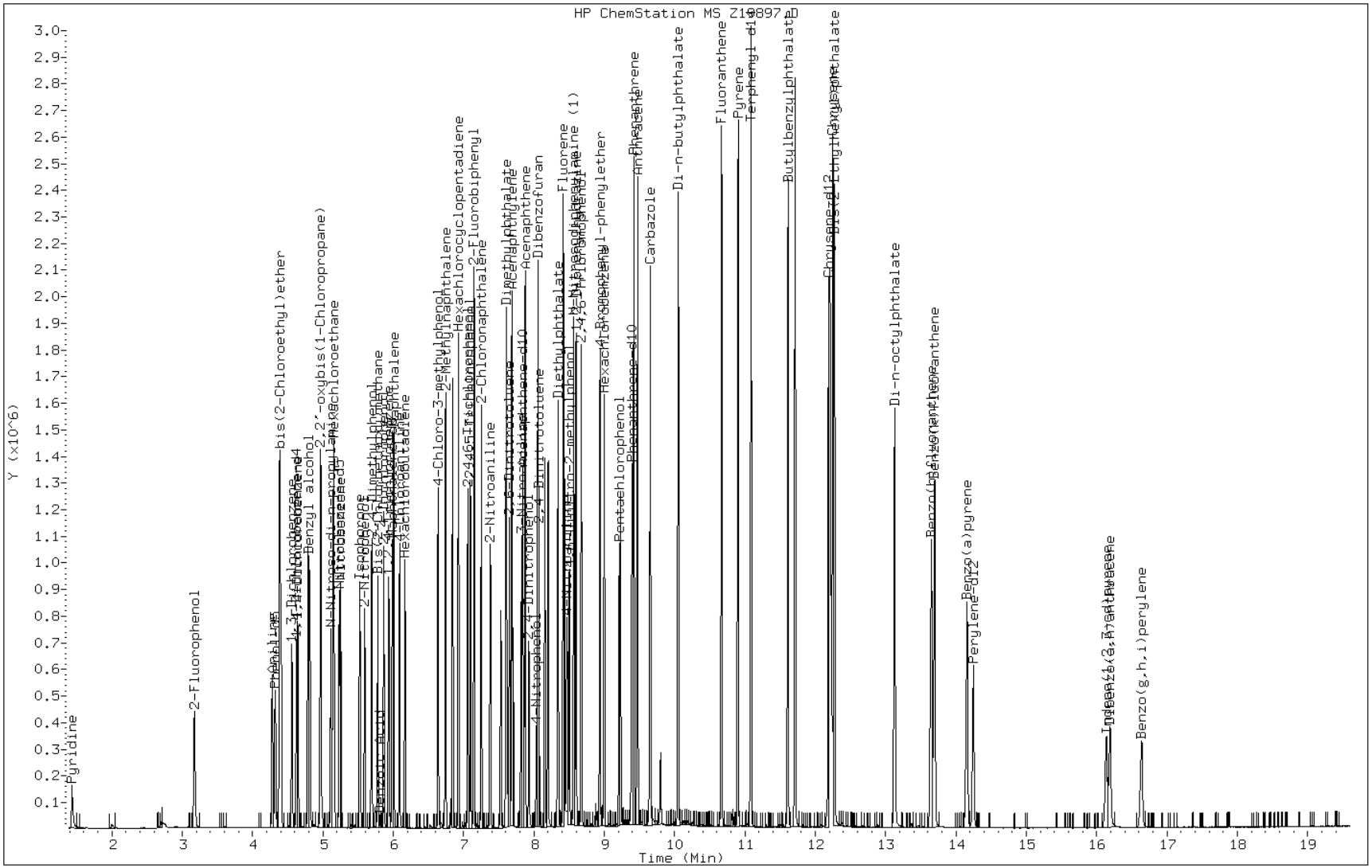
R - Spike/Surrogate failed recovery limits.

Data File: Z19897.D

Date: 04-MAY-2011 12:07

Client ID: LCS 220-50206/2-A Instrument: msz.i

Sample Info: LCS 220-50206/2-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15334-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-50282/2-A

Matrix: Solid | Lab File ID: C23018.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3541 | Date Extracted: 05/02/2011 06:45

Sample wt/vol: 15.0(g) | Date Analyzed: 05/02/2011 11:53

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50341 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	2300		270	14
83-32-9	Acenaphthene	2240		270	16
86-73-7	Fluorene	2300		270	16
85-01-8	Phenanthrene	2230		270	13
120-12-7	Anthracene	2230		270	11
129-00-0	Pyrene	2240		270	13
56-55-3	Benzo[a]anthracene	2330		270	9.6
218-01-9	Chrysene	2310		270	20
205-99-2	Benzo[b]fluoranthene	2390		270	7.2
207-08-9	Benzo[k]fluoranthene	2460		270	24
50-32-8	Benzo[a]pyrene	2260		270	7.3
193-39-5	Indeno[1,2,3-cd]pyrene	1690		270	18
53-70-3	Dibenz(a,h)anthracene	1780		270	21
191-24-2	Benzo[g,h,i]perylene	1690		270	18
206-44-0	Fluoranthene	2260		270	13
208-96-8	Acenaphthylene	2210		270	13

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	88		38-120
321-60-8	2-Fluorobiphenyl	85		41-120
1718-51-0	Terphenyl-d14	83		32-125

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msc.i\C1123013.b\C23018.D
Lab Smp Id: LCS 220-50282/2-A Client Smp ID: LCS 220-50282/2-A
Inj Date : 02-MAY-2011 11:53
Operator : S.Jonas Inst ID: msc.i
Smp Info : LCS 220-50282/2-A
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msc.i\C1123013.b\MSC-8270C.m
Meth Date : 02-May-2011 10:20 stephan Quant Type: ISTD
Cal Date : 29-APR-2011 11:04 Cal File: C22988.D
Als bottle: 4 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: lcs.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula:
Amt * DF * Uf * (1000*Vt)/(Ws *Vi* ((100 - M)/100)) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)(1000 low, 2
Ws	15.000	Weight of sample extracted (g)
Vi	1.000	InjectionVol
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
* 1	1,4-Dichlorobenzene-d4	152	4.729	4.723	(1.000)	741785	20.0000	
$ 2	2-Fluorophenol	112	3.299	3.275	(0.698)	3461684	65.5848	4400
$ 3	Phenol-d5	99	4.414	4.408	(0.933)	4227424	66.8352	4500
4	Pyridine	52	1.536	1.512	(0.325)	354779	25.3114	1700
5	N-Nitrosodimethylamine	42	1.524	1.500	(0.322)	344781	32.0010	2100
7	Phenol	94	4.432	4.420	(0.937)	2311747	33.5341	2200
8	Aniline	93	4.385	4.379	(0.927)	1714188	22.0457	1500
9	bis(2-Chloroethyl)ether	63	4.486	4.480	(0.949)	1266259	31.7730	2100
10	2-Chlorophenol	128	4.509	4.503	(0.954)	1914017	34.6271	2300
11	1,3-Dichlorobenzene	146	4.664	4.658	(0.986)	1911207	32.2850	2200
12	1,4-Dichlorobenzene	146	4.747	4.741	(1.004)	1968233	32.9131	2200
13	Benzyl alcohol	108	4.913	4.913	(1.039)	1161413	33.9544	2300
14	1,2-Dichlorobenzene	146	4.907	4.901	(1.038)	1845056	32.8233	2200
15	2,2'-oxybis(1-Chloropropane)	45	5.061	5.061	(1.070)	2326405	33.6682	2200
16	2-Methylphenol	108	5.055	5.061	(1.069)	1659384	33.5356	2200
17	Hexachloroethane	117	5.263	5.263	(1.113)	836333	32.2566	2200
18	N-Nitroso-di-n-propylamine	70	5.210	5.210	(1.102)	1239181	34.6140	2300
19	4-Methylphenol	108	5.239	5.227	(1.108)	3469858	66.7982	4500(R)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/Kg)
*	20 Naphthalene-d8	136	6.082	6.082	(1.000)	2957395	20.0000	
$	21 Nitrobenzene-d5	82	5.334	5.328	(0.877)	2287739	43.8269	2900
	22 Nitrobenzene	77	5.352	5.352	(0.880)	1813214	34.4082	2300
	23 Isophorone	82	5.619	5.619	(0.924)	3323426	34.8924	2300
	24 2-Nitrophenol	139	5.690	5.690	(0.936)	1025295	34.3458	2300
	25 2,4-Dimethylphenol	122	5.785	5.785	(0.951)	1495347	31.4428	2100
	26 Benzoic Acid	122	5.910	5.963	(0.972)	312774	12.4947	830(H)
	27 Bis(2-Chloroethoxy)methane	93	5.874	5.874	(0.966)	2130918	34.6856	2300
	28 2,4-Dichlorophenol	162	5.958	5.957	(0.980)	1466280	34.5081	2300
	29 1,2,4-Trichlorobenzene	180	6.035	6.035	(0.992)	1445796	32.8921	2200
	30 Naphthalene	128	6.106	6.106	(1.004)	4970574	34.4623	2300
	31 4-Chloroaniline	127	6.183	6.189	(1.017)	781634	12.9158	860
	32 Hexachlorobutadiene	225	6.266	6.266	(1.030)	831764	33.9814	2300
	33 4-Chloro-3-methylphenol	107	6.729	6.735	(1.106)	1493119	35.3206	2400
	34 2-Methylnaphthalene	142	6.842	6.848	(1.125)	3344274	33.8115	2300
*	35 Acenaphthene-d10	164	7.940	7.940	(1.000)	1738044	20.0000	
	37 Hexachlorocyclopentadiene	237	7.026	7.026	(0.885)	623683	27.0040	1800
	38 2,4,6-Trichlorophenol	196	7.156	7.162	(0.901)	988174	33.8778	2300
	39 2,4,5-Trichlorophenol	196	7.192	7.204	(0.906)	999689	33.4333	2200
$	40 2-Fluorobiphenyl	172	7.251	7.251	(0.913)	4200960	42.3965	2800
	41 2-Chloronaphthalene	162	7.358	7.358	(0.927)	3061203	33.1167	2200
	42 2-Nitroaniline	65	7.477	7.483	(0.942)	906179	35.6135	2400
	43 Acenaphthylene	152	7.792	7.791	(0.981)	4933494	33.1573	2200
	44 Dimethylphthalate	163	7.703	7.697	(0.970)	3339760	33.8333	2300
	45 2,6-Dinitrotoluene	165	7.750	7.750	(0.976)	845028	35.6211	2400
	46 Acenaphthene	153	7.981	7.975	(1.005)	3056246	33.6450	2200
	47 3-Nitroaniline	138	7.916	7.922	(0.997)	616303	21.6565	1400
	48 2,4-Dinitrophenol	184	8.023	8.029	(1.010)	355055	26.4717	1800
	49 Dibenzofuran	168	8.160	8.159	(1.028)	4146743	33.7624	2300
	50 2,4-Dinitrotoluene	165	8.171	8.171	(1.029)	1101588	36.5991	2400
	51 4-Nitrophenol	109	8.124	8.130	(1.023)	538830	38.1451	2500
	52 Fluorene	166	8.522	8.522	(1.073)	3564047	34.5384	2300
	53 4-Chlorophenyl-phenylether	204	8.533	8.533	(1.075)	1511270	33.7150	2200
	54 Diethylphthalate	149	8.444	8.444	(1.064)	3638028	36.5663	2400
	55 4-Nitroaniline	138	8.569	8.575	(1.079)	960355	36.2975	2400
$	56 2,4,6-Tribromophenol	330	8.777	8.777	(1.105)	855162	69.7337	4600
*	57 Phenanthrene-d10	188	9.501	9.507	(1.000)	2705950	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.599	8.605	(0.905)	580951	33.3267	2200
	59 N-Nitrosodiphenylamine (1)	169	8.670	8.670	(0.913)	2600915	34.5360	2300
	60 1,2-Diphenylhydrazine	77	8.700	8.706	(0.916)	3300733	33.2406	2200
	61 4-Bromophenyl-phenylether	248	9.044	9.050	(0.952)	857184	32.7265	2200
	62 Hexachlorobenzene	284	9.109	9.109	(0.959)	910046	32.6690	2200
	63 Pentachlorophenol	266	9.317	9.317	(0.981)	583295	35.4783	2400
	64 Phenanthrene	178	9.531	9.531	(1.003)	4860882	33.4320	2200
	65 Carbazole	167	9.762	9.762	(1.027)	4860282	34.6427	2300
	66 Anthracene	178	9.584	9.584	(1.009)	5067151	33.3944	2200
	67 Di-n-butylphthalate	149	10.160	10.160	(1.069)	5959768	34.4101	2300
	68 Fluoranthene	202	10.783	10.783	(1.135)	5111870	33.9410	2300
*	70 Chrysene-d12	240	12.356	12.356	(1.000)	2582575	20.0000	
	72 Pyrene	202	11.014	11.020	(0.891)	5240637	33.6224	2200
$	73 Terphenyl-d14	244	11.198	11.198	(0.906)	3964525	41.2574	2800
	74 Butylbenzylphthalate	149	11.721	11.727	(0.949)	2473032	34.1972	2300
	75 3,3'-Dichlorobenzidine	252	12.314	12.320	(0.997)	802742	21.2837	1400
	76 Benzo(a)anthracene	228	12.338	12.338	(0.999)	4564318	35.0034	2300

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/Kg)
77 Chrysene	228	12.385	12.385	(1.002)	4340247	34.7120	2300
78 Bis(2-Ethylhexyl)phthalate	149	12.409	12.409	(1.004)	3587171	39.3251	2600
* 79 Perylene-d12	264	14.457	14.457	(1.000)	1414249	20.0000	
80 Di-n-octylphthalate	149	13.294	13.299	(0.920)	4652245	30.8218	2100
81 Benzo(b)fluoranthene	252	13.840	13.840	(0.957)	3250971	35.8983	2400
82 Benzo(k)fluoranthene	252	13.887	13.887	(0.961)	3359668	36.9581	2500
83 Benzo(a)pyrene	252	14.362	14.362	(0.993)	2348346	33.9567	2300
84 Indeno(1,2,3-cd)pyrene	276	16.404	16.410	(1.135)	1080413	25.3561	1700
85 Dibenzo(a,h)anthracene	278	16.457	16.463	(1.138)	1083470	26.7711	1800
86 Benzo(g,h,i)perylene	276	16.914	16.926	(1.170)	1039612	25.4177	1700

QC Flag Legend

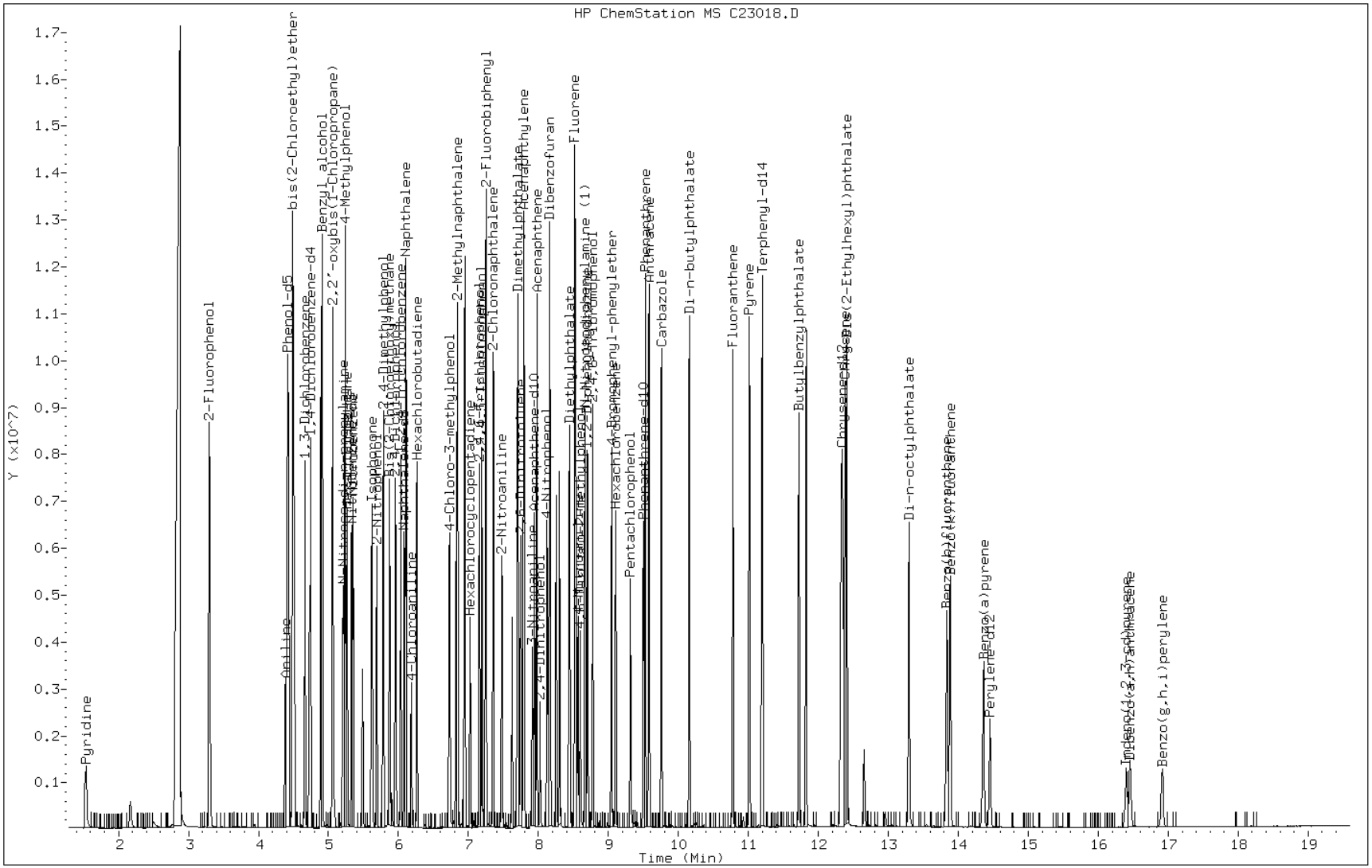
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: C23018.D

Date: 02-MAY-2011 11:53

Client ID: LCS 220-50282/2-A Instrument: msc.i

Sample Info: LCS 220-50282/2-A Operator: S.Jonas



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSC Start Date: 04/29/2011 10:32

Analysis Batch Number: 50312 End Date: 04/29/2011 13:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-50312/8		04/29/2011 10:32	1	Cs22987.D	ZB-5MS 0.25(mm)
ICIS 220-50312/1		04/29/2011 11:04	1	C22988.D	ZB-5MS 0.25(mm)
IC 220-50312/2		04/29/2011 11:33	1	C22989.D	ZB-5MS 0.25(mm)
IC 220-50312/3		04/29/2011 12:02	1	C22990.D	ZB-5MS 0.25(mm)
IC 220-50312/4		04/29/2011 12:31	1	C22991.D	ZB-5MS 0.25(mm)
IC 220-50312/5		04/29/2011 13:00	1	C22992.D	ZB-5MS 0.25(mm)
IC 220-50312/6		04/29/2011 13:29	1	C22993.D	ZB-5MS 0.25(mm)
IC 220-50312/7		04/29/2011 13:58	1	C22994.D	ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSC Start Date: 05/02/2011 09:19

Analysis Batch Number: 50341 End Date: 05/02/2011 21:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-50341/4		05/02/2011 09:19	1	Cs23013.D	ZB-5MS 0.25(mm)
CCVIS 220-50341/1		05/02/2011 09:48	1	C23014.D	ZB-5MS 0.25(mm)
MB 220-50282/1-A		05/02/2011 11:25	1	C23017.D	ZB-5MS 0.25(mm)
LCS 220-50282/2-A		05/02/2011 11:53	1	C23018.D	ZB-5MS 0.25(mm)
ZZZZZ		05/02/2011 18:12	1		ZB-5MS 0.25(mm)
ZZZZZ		05/02/2011 18:41	1		ZB-5MS 0.25(mm)
ZZZZZ		05/02/2011 19:10	1		ZB-5MS 0.25(mm)
ZZZZZ		05/02/2011 20:38	1		ZB-5MS 0.25(mm)
ZZZZZ		05/02/2011 21:07	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSC Start Date: 05/03/2011 07:34

Analysis Batch Number: 50399 End Date: 05/03/2011 19:55

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-50399/19		05/03/2011 07:34	1	Cs23038.D	ZB-5MS 0.25(mm)
ICIS 220-50399/1		05/03/2011 08:03	1	C23039.D	ZB-5MS 0.25(mm)
IC 220-50399/2		05/03/2011 08:33	1	C23040.D	ZB-5MS 0.25(mm)
IC 220-50399/3		05/03/2011 09:02	1	C23041.D	ZB-5MS 0.25(mm)
IC 220-50399/4		05/03/2011 09:31	1	C23042.D	ZB-5MS 0.25(mm)
IC 220-50399/5		05/03/2011 10:03	1	C23043.D	ZB-5MS 0.25(mm)
IC 220-50399/6		05/03/2011 10:36	1	C23044.D	ZB-5MS 0.25(mm)
IC 220-50399/7		05/03/2011 11:10	1	C23045.D	ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 12:10	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 12:40	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 13:09	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 13:38	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 14:07	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 14:36	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 15:05	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 15:34	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 16:03	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 16:32	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 17:01	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 18:28	4		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 18:57	4		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 19:26	1		ZB-5MS 0.25(mm)
ZZZZZ		05/03/2011 19:55	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSC Start Date: 05/04/2011 07:31

Analysis Batch Number: 50455 End Date: 05/04/2011 18:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-50455/5		05/04/2011 07:31	1	Cs23064.D	ZB-5MS 0.25(mm)
CCVIS 220-50455/1		05/04/2011 08:00	1	C23065.D	ZB-5MS 0.25(mm)
220-15334-1	SB-UST-4,2'-3'	05/04/2011 17:15	4	C23084.D	ZB-5MS 0.25(mm)
220-15334-2	SB/MW-UST-5,3'-5'	05/04/2011 17:44	1	C23085.D	ZB-5MS 0.25(mm)
ZZZZZ		05/04/2011 18:13	20		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSZ Start Date: 04/29/2011 07:47

Analysis Batch Number: 50284 End Date: 04/29/2011 17:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-50284/14		04/29/2011 07:47	1	Zs19809.D	RXi-5MS 0.25(mm)
ICIS 220-50284/1		04/29/2011 08:18	1	Z19810.D	RXi-5MS 0.25(mm)
IC 220-50284/2		04/29/2011 08:48	1	Z19811.D	RXi-5MS 0.25(mm)
IC 220-50284/3		04/29/2011 09:15	1	Z19812.D	RXi-5MS 0.25(mm)
IC 220-50284/4		04/29/2011 09:43	1	Z19813.D	RXi-5MS 0.25(mm)
IC 220-50284/5		04/29/2011 10:11	1	Z19814.D	RXi-5MS 0.25(mm)
IC 220-50284/6		04/29/2011 10:38	1	Z19815.D	RXi-5MS 0.25(mm)
IC 220-50284/7		04/29/2011 11:06	1	Z19816.D	RXi-5MS 0.25(mm)
IC 220-50284/8		04/29/2011 11:33	1		RXi-5MS 0.25(mm)
IC 220-50284/9		04/29/2011 12:01	1		RXi-5MS 0.25(mm)
IC 220-50284/10		04/29/2011 12:28	1		RXi-5MS 0.25(mm)
IC 220-50284/11		04/29/2011 12:55	1		RXi-5MS 0.25(mm)
IC 220-50284/12		04/29/2011 13:22	1		RXi-5MS 0.25(mm)
IC 220-50284/13		04/29/2011 13:50	1		RXi-5MS 0.25(mm)
ZZZZZ		04/29/2011 14:44	1		RXi-5MS 0.25(mm)
ZZZZZ		04/29/2011 15:12	1		RXi-5MS 0.25(mm)
ZZZZZ		04/29/2011 15:40	1		RXi-5MS 0.25(mm)
ZZZZZ		04/29/2011 16:08	1		RXi-5MS 0.25(mm)
ZZZZZ		04/29/2011 16:36	1		RXi-5MS 0.25(mm)
ZZZZZ		04/29/2011 17:31	1		RXi-5MS 0.25(mm)
ZZZZZ		04/29/2011 17:59	1		RXi-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: MSZ Start Date: 05/04/2011 10:04

Analysis Batch Number: 50456 End Date: 05/04/2011 21:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-50456/26		05/04/2011 10:04	1	Zs19892.D	RXi-5MS 0.25(mm)
CCVIS 220-50456/1		05/04/2011 10:33	1	Z19893.D	RXi-5MS 0.25(mm)
CCV 220-50456/25		05/04/2011 11:12	1		RXi-5MS 0.25(mm)
MB 220-50206/1-A		05/04/2011 11:40	1	Z19896.D	RXi-5MS 0.25(mm)
LCS 220-50206/2-A		05/04/2011 12:07	1	Z19897.D	RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 12:34	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 13:02	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 13:29	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 13:57	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 14:24	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 14:52	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 15:19	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 15:46	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 16:14	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 16:41	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 17:09	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 17:36	2		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 18:04	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 18:31	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 18:59	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 19:26	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 19:54	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 20:22	1		RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 20:49	1		RXi-5MS 0.25(mm)
220-15334-4	MW-X	05/04/2011 21:17	1	Z19917.D	RXi-5MS 0.25(mm)
ZZZZZ		05/04/2011 21:44	10		RXi-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Batch Number: 50206 Batch Start Date: 04/28/11 13:57 Batch Analyst: Faiella, Tim

Batch Method: 3510C Batch End Date: 05/03/11 13:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	EWBNAFMS 00042
MB 220-50206/1		3510C, 8270C		7	1000 mL	1.0 mL	2	12	
LCS 220-50206/2		3510C, 8270C		7	1000 mL	1.0 mL	2	12	400 uL
220-15334-E-4	MW-X	3510C, 8270C	T	5	1000 mL	1.0 mL	2	12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	EWBNASUR 00069	EWRCPLCS 00020				
MB 220-50206/1		3510C, 8270C		500 uL					
LCS 220-50206/2		3510C, 8270C		500 uL	400 uL				
220-15334-E-4	MW-X	3510C, 8270C	T	500 uL					

Batch Notes	
Acid used for pH adjustment	h2so4
Acid used for pH adjust Lot #	wsulfacd-11
Base used for pH adjustment	naoh
Base used for pH adjust Lot #	enaoh-31
Person's name who did the concentration	Jen Capece
Na2SO4 Lot Number	ena2so4-99
Prep Solvent Lot #	ecmecl2-61
Prep Solvent Name	mecl2
Prep Solvent Volume Used	360 mL
Person's name who did the prep	tim faiella
Person's name who witnessed reagent drop	self

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Batch Number: 50282 Batch Start Date: 05/02/11 06:45 Batch Analyst: Jonas, Stephan

Batch Method: 3541 Batch End Date: 05/02/11 10:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EWBNAFMS 00042	EWBNASUR 00069		
MB 220-50282/1		3541, 8270C		15.0 g	1.0 mL		500 uL		
LCS 220-50282/2		3541, 8270C		15.0 g	1.0 mL	400 uL	500 uL		
220-15334-B-1	SB-UST-4,2'-3'	3541, 8270C	T	15.02 g	1.0 mL		500 uL		
220-15334-B-2	SB/MW-UST-5,3'-5'	3541, 8270C	T	14.96 g	1.0 mL		500 uL		

Batch Notes	
Balance ID	35451
Person's name who did the concentration	Jen Capece
First End time	9:00
Vendor lot number	ecmecl2:ace_46
Na2SO4 Lot Number	ENA2SO4_00100
Person's name who did the prep	SJ
Person's name who witnessed reagent drop	Self
Solvent	mecl2:acetone 1:1
First Start time	7:15

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-15334-1

SDG No.:

Project: Cooper Tank

Client Sample ID	Lab Sample ID
SB-UST-4,2'-3'	220-15334-1
SB/MW-UST-5,3'-5'	220-15334-2

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-15334-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 09/20/2005 16:02

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-15334-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 10/01/2006 12:58

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		0.1	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/29/2011 09:29 End Date: 04/29/2011 16:00

				Analytes																			
Lab Sample ID	D/F	Type	Time	%Sol	Moist																		
ZZZZZZ			09:29																				
ZZZZZZ			09:29																				
ZZZZZZ			09:29																				
ZZZZZZ			09:29																				
ZZZZZZ			09:29																				
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ZZZZZZ			09:29																				
220-15334-1	1	T	09:29	X	X																		
220-15334-2	1	T	09:29	X	X																		
ZZZZZZ			09:29																				
ZZZZZZ			09:29																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/29/2011 09:29 End Date: 04/29/2011 16:00

Lab Sample ID	D/F	Type	Time	Analytes																			
				%Sol	Moist																		
ZZZZZZ			09:39																				
ZZZZZZ			09:39																				
ZZZZZZ			10:49																				
ZZZZZZ			10:49																				
ZZZZZZ			10:49																				
ZZZZZZ			10:49																				
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ZZZZZZ			10:49																				
ZZZZZZ			10:49																				
ZZZZZZ			16:00																				
ZZZZZZ			16:00																				

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-15334-1

SDG No.:

Batch Number: 50231 Batch Start Date: 04/29/11 09:29 Batch Analyst: Bouthot, Agnieszka

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry			
220-15334-B-1	SB-UST-4,2'-3'	Moisture	T	1.02 g	6.03 g	5.54 g			
220-15334-B-2	SB/MW-UST-5,3'-5'	Moisture	T	1.02 g	6.06 g	5.55 g			

Batch Notes	
Balance ID	t1 No Unit
Date samples were place in the oven	042911
Oven Temp when samples are put in oven	105 Degrees C
Time samples were place in the oven	1147
Oven ID	ov2
ID number of the thermometer	ov2
Uncorrected In Temperature	105 Celsius

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Scott Narod	Field Sampler: Scott Narod	TAT Required (business days): Standard ASAP	Lab PM/Contact: Jackie Trudell
Company: Garrett Flemeng	Mobile/Field Number: 646-961-8603		Lab Job Number (Lab Use Only): 15334
Address: 100 Crossways Park Drive West Suite 300	E-Mail: snarod@gfnet.com	Deliverable Type (Report/EDD): Both	Passed Rad Screen (Lab Use Only): [X] Yes [ ] No
City, State, Zip: Woodbury, NY	PO #:	Sample Disposal: [ ] Return to Client [ ] Disposal by Lab [X] Archive for 1 Months (A fee may be assessed if samples are retained for longer than 1 month)	Cooler Temperatures (Lab Use Only): 0.5 probe
Phone: 516-364-4140	WO #:		
Email: snarod@gfnet.com	Project #: 53319.002	State Regulatory QC Criteria Requirements: Part 375 NYSDEC CP-51/STARS	
Project Name/Site Location (State): Cooper / Brooklyn, NY	SSOW#:		

COC Number: 19168
Page 1 of 1
Carrier Tracking Notes:

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions

TA#	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix (Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other)	MS/ MSD (Yes or No)	No. of Containers/Preservatives: Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other ice	Analysis (Attach list if more space is needed): 8260 cpsl	8270 cpsl	8260	8270	Comments
	SB-VST-4, 2'-3' (1)	4/27/11	1030	S								2	X	X			
	SB/MW-VST-5, 3'-5' (2)	4/27/11	1215	S								2	X	X			
	Trip Blank (3)			Aq					3						X		
	MW-X (4)	4/27/11	1310	Aq		2			3						X	X	

Relinquished by:	Date/Time: 4/27/11/1545	Company: Garrett Flemeng	Received by:	Date/Time: 4/27/2011 @ 1545	Company: TA/CT
Relinquished by:	Date/Time: 4/27/11 @ 1800	Company: TA/CT	Received by:	Date/Time: 4/27/2011 @ 1800	Company: TA/CT
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company

Comments:

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

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Scott Narod	Field Sampler: Scott Narod	TAT Required (business days): Standard ASAP	Lab PM/Contact: Jackie Trudell
Company: Gannett Fleming	Mobile/Field Number: 646-861-8603	Deliverable Type (Report/EDD): Both	Lab Job Number (Lab Use Only): 15334
Address: 100 Crossways Park Drive West Suite 310	E-Mail: snarod@gfnet.com	Sample Disposal: [ ] Return to Client [ ] Disposal by Lab [X] Archive for 1 Months (A fee may be assessed if samples are retained for longer than 1 month)	Passed Rad Screen (Lab Use Only): [X] Yes [ ] No
City, State, Zip: Woodbury, NY	PO #:		Cooler Temperatures (Lab Use Only): 0.5 probe
Phone: 516-364-4140	WO #:		
Email: snarod@gfnet.com	Project #: 53319.002	State Regulatory QC Criteria Requirements: Part 375 NYSDEC CP-51/STARS	
Project Name/Site Location (State): Cooper / Brooklyn, NY	SSOW#:		

COC Number: 19168
Page 1 of 1
Carrier Tracking
Notes:

Analysis (Attach list if more space is needed)

Samples Submitted to Laboratory shall be subject to TestAmerica Terms and Conditions

No. of Containers/Preservatives

TA #	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/ MSD (Yes or No)	Unpreserved	H2SO4	HNO3	HCL	NaOH	ZnAc/NaOH	Other Ice	8260 CPSI	8270 CPSI	8260	8270						Comments
	SB-VST-4, 2'-3' (1)	4/27/11	1030	S								2	X	X								
	SB/MW-VST-5, 3'-5' (2)	4/27/11	1215	S								2	X	X								
	Trip Blank (3)	4/27/11	00:00	Aq					3						X							
	MW-X (4)	4/27/11	1310	Aq		2			3						X	X						

Relinquished by:	Date/Time: 4/27/11/1545	Company: Gannett Fleming	Received by:	Date/Time: 4/27/2011 @ 1545	Company: TA/CT
Relinquished by:	Date/Time: 4/27/11@1800	Company: TA/CT	Received by:	Date/Time: 4/27/2011@1800	Company: TA/CT
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company

Comments:

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

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

Login Sample Receipt Checklist

Client: Gannett Fleming

Job Number: 220-15334-1
SDG Number:

Login Number: 15334
List Number: 1
Creator: Teixeira, Maria L

List Source: TestAmerica Connecticut

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.5c
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	False	see report narrative
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-15477-1

SDG Number:

Job Description: Cooper Tank

For:
Gannett Fleming
100 Crossways Park West
Suite 300
Woodbury, NY 11797

Attention: Mr. Scott Narod

Approved for release.
Joan Widomski
Project Manager I
5/19/2011 4:59 PM

Designee for
Jackie Trudell
Project Manager I
jackie.trudell@testamericainc.com
05/19/2011
Revision: 1

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

Job Number: 220-15477-1

SDG Number:

Job Description: Cooper Tank

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Approved for release.
Joan Widomski
Project Manager I
5/19/2011 4:59 PM

Designee for
Jackie Trudell

Table of Contents

Table of Contents

Comments
This revision contains the missing volatile graphics that were blank pages in the original package. No additional comments.

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

GC/MS VOA
No analytical or quality issues were noted.

GC/MS Semi VOA
No analytical or quality issues were noted.

Organic Prep
No analytical or quality issues were noted.

FORMULAS FOR NYSDEC SAMPLE CALCULATIONS

Volatiles

(Ax)(IS)(DF)
(AIS)(RRF)(V)(% solids) = C

(AX)(IS)(VT)(1000)(DF)
(AIS)(RRF)(VA)(V)(% solids) = C (for medium level soils)

SemiVolatiles

(AX)(IS)(VE)(DF)(GPC factor is 2 if needed)
(AIS)(RRF)(volume injected)(V)(% solids) = C

Pesticides

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

PCBs for compound/retention time

(AX)(VE)(DF)
(RRF of compound at the stated retention time)(V)(% solids)(volume injected) = C

DRO/CTETPH

(AX)(VE)(DF)
(RRF)(V)(% solids)(volume injected) = C

AX = area of the target Ion
AIS = Area of Internal standard
C = concentration as ug/L or ug/Kg
DF = dilution
IS = Internal standard concentration (ng)
RRF = average RF (from initial cal except CLP methods from continuing cal)
V = sample volume for liquids in mls or sample weight for solids in grams
VA = volume of aliquot for medium level soils
VE = volume of concentrated extract
VT = volume of methanol for volatile medium level soils

SAMPLE SUMMARY

Client: Gannett Fleming

Job Number: 220-15477-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-15477-1	MW-X	Water	05/12/2011 1058	05/12/2011 1508
220-15477-2	MW-UST-5	Water	05/12/2011 1111	05/12/2011 1508
220-15477-3TB	Trip Blank	Water	05/12/2011 0000	05/12/2011 1508

EXECUTIVE SUMMARY - Detections

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Lab Sample ID / Analyte	Client Sample ID	Result / Qualifier		Reporting Limit	Units	Method
220-15477-2	**MW-UST-5**					
Methyl tert-butyl ether		0.40	J	5.0	ug/L	8260B
Benzene		7.9		5.0	ug/L	8260B
Phenanthrene		0.32	J	4.0	ug/L	8270C

METHOD SUMMARY

Client: Gannett Fleming Job Number: 220-15477-1

Description	Lab Location	Method	Preparation Method
Matrix Water			
Volatile Organic Compounds (GC/MS)	TAL CT	SW846 8260B	
Purge and Trap	TAL CT		SW846 5030B
Semivolatile Organic Compounds (GC/MS)	TAL CT	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL CT		SW846 3510C

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Method	Analyst	Analyst ID
SW846 8260B	Humbert, Dave	DH
SW846 8270C	Jonas, Stephan	SJ

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Client Sample ID: MW-X

Lab Sample ID: 220-15477-1
Client Matrix: Water

Date Sampled: 05/12/2011 1058
Date Received: 05/12/2011 1508

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50867	Instrument ID:	MSL
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	L9604.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/14/2011 0010			Final Weight/Volume:	5 mL
Prep Date:	05/14/2011 0010				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	5.0	U	0.17	5.0
Benzene	5.0	U	0.74	5.0
Toluene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
m&p-Xylene	5.0	U	1.7	5.0
o-Xylene	5.0	U	0.66	5.0
Isopropylbenzene	5.0	U	0.85	5.0
N-Propylbenzene	5.0	U	0.62	5.0
1,3,5-Trimethylbenzene	5.0	U	0.53	5.0
tert-Butylbenzene	5.0	U	0.75	5.0
1,2,4-Trimethylbenzene	5.0	U	0.64	5.0
sec-Butylbenzene	5.0	U	0.79	5.0
4-Isopropyltoluene	5.0	U	0.81	5.0
n-Butylbenzene	5.0	U	0.67	5.0
Naphthalene	5.0	U	0.34	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		65 - 136
4-Bromofluorobenzene	84		51 - 142
Dibromofluoromethane	86		68 - 132
Toluene-d8 (Surr)	97		63 - 127

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Client Sample ID: **MW-UST-5**

Lab Sample ID: 220-15477-2
Client Matrix: Water

Date Sampled: 05/12/2011 1111
Date Received: 05/12/2011 1508

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50867	Instrument ID:	MSL
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	L9603.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/13/2011 2345			Final Weight/Volume:	5 mL
Prep Date:	05/13/2011 2345				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	0.40	J	0.17	5.0
Benzene	7.9		0.74	5.0
Toluene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
m&p-Xylene	5.0	U	1.7	5.0
o-Xylene	5.0	U	0.66	5.0
Isopropylbenzene	5.0	U	0.85	5.0
N-Propylbenzene	5.0	U	0.62	5.0
1,3,5-Trimethylbenzene	5.0	U	0.53	5.0
tert-Butylbenzene	5.0	U	0.75	5.0
1,2,4-Trimethylbenzene	5.0	U	0.64	5.0
sec-Butylbenzene	5.0	U	0.79	5.0
4-Isopropyltoluene	5.0	U	0.81	5.0
n-Butylbenzene	5.0	U	0.67	5.0
Naphthalene	5.0	U	0.34	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	83		65 - 136
4-Bromofluorobenzene	85		51 - 142
Dibromofluoromethane	90		68 - 132
Toluene-d8 (Surr)	100		63 - 127

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Client Sample ID: **Trip Blank**

Lab Sample ID: 220-15477-3TB
Client Matrix: Water

Date Sampled: 05/12/2011 0000
Date Received: 05/12/2011 1508

8260B Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B	Analysis Batch:	220-50867	Instrument ID:	MSL
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	L9595.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	05/13/2011 2031			Final Weight/Volume:	5 mL
Prep Date:	05/13/2011 2031				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Methyl tert-butyl ether	5.0	U	0.17	5.0
Benzene	5.0	U	0.74	5.0
Toluene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
m&p-Xylene	5.0	U	1.7	5.0
o-Xylene	5.0	U	0.66	5.0
Isopropylbenzene	5.0	U	0.85	5.0
N-Propylbenzene	5.0	U	0.62	5.0
1,3,5-Trimethylbenzene	5.0	U	0.53	5.0
tert-Butylbenzene	5.0	U	0.75	5.0
1,2,4-Trimethylbenzene	5.0	U	0.64	5.0
sec-Butylbenzene	5.0	U	0.79	5.0
4-Isopropyltoluene	5.0	U	0.81	5.0
n-Butylbenzene	5.0	U	0.67	5.0
Naphthalene	5.0	U	0.34	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	85		65 - 136
4-Bromofluorobenzene	86		51 - 142
Dibromofluoromethane	93		68 - 132
Toluene-d8 (Surr)	102		63 - 127

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Client Sample ID: **MW-X**

Lab Sample ID: 220-15477-1
Client Matrix: Water

Date Sampled: 05/12/2011 1058
Date Received: 05/12/2011 1508

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50886	Instrument ID:	MSA
Prep Method:	3510C	Prep Batch:	220-50806	Lab File ID:	A16122.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	05/16/2011 1244			Final Weight/Volume:	1.0 mL
Prep Date:	05/13/2011 0924			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Naphthalene	4.0	U	0.30	4.0
Acenaphthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Phenanthrene	4.0	U	0.28	4.0
Anthracene	4.0	U	0.29	4.0
Pyrene	4.0	U	0.33	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Fluoranthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	60		40 - 120
2-Fluorobiphenyl	61		39 - 120
Terphenyl-d14	85		10 - 120

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Client Sample ID: **MW-UST-5**

Lab Sample ID: 220-15477-2
Client Matrix: Water

Date Sampled: 05/12/2011 1111
Date Received: 05/12/2011 1508

8270C Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C	Analysis Batch:	220-50863	Instrument ID:	MSA
Prep Method:	3510C	Prep Batch:	220-50806	Lab File ID:	A16103.D
Dilution:	1.0			Initial Weight/Volume:	1000 mL
Analysis Date:	05/13/2011 1640			Final Weight/Volume:	1.0 mL
Prep Date:	05/13/2011 0924			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Naphthalene	4.0	U	0.30	4.0
Acenaphthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Phenanthrene	0.32	J	0.28	4.0
Anthracene	4.0	U	0.29	4.0
Pyrene	4.0	U	0.33	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Fluoranthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5	67		40 - 120
2-Fluorobiphenyl	68		39 - 120
Terphenyl-d14	89		10 - 120

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Surrogate Recovery Report

8260B Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
220-15477-1	MW-X	86	78	97	84
220-15477-2	MW-UST-5	90	83	100	85
220-15477-3	Trip Blank	93	85	102	86
MB 220-50867/3		96	89	103	89
LCS 220-50867/2		97	88	106	88

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Surrogate Recovery Report

8270C Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	NBZ %Rec	FBP %Rec	TPH %Rec
220-15477-1	MW-X	60	61	85
220-15477-2	MW-UST-5	67	68	89
MB 220-50806/1-A		30*	37*	63
LCS 220-50806/2-A		56	69	95

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TPH = Terphenyl-d14	10-120

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Method Blank - Batch: 220-50867

Method: 8260B
Preparation: 5030B

Lab Sample ID:	MB 220-50867/3	Analysis Batch:	220-50867	Instrument ID:	MSL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	L9594.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/13/2011 1955	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/13/2011 1955				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Methyl tert-butyl ether	5.0	U	0.17	5.0
Benzene	5.0	U	0.74	5.0
Toluene	5.0	U	0.72	5.0
Ethylbenzene	5.0	U	0.87	5.0
m&p-Xylene	5.0	U	1.7	5.0
o-Xylene	5.0	U	0.66	5.0
Isopropylbenzene	5.0	U	0.85	5.0
N-Propylbenzene	5.0	U	0.62	5.0
1,3,5-Trimethylbenzene	5.0	U	0.53	5.0
tert-Butylbenzene	5.0	U	0.75	5.0
1,2,4-Trimethylbenzene	5.0	U	0.64	5.0
sec-Butylbenzene	5.0	U	0.79	5.0
4-Isopropyltoluene	5.0	U	0.81	5.0
n-Butylbenzene	5.0	U	0.67	5.0
Naphthalene	5.0	U	0.34	5.0
Xylenes, Total	5.0	U	2.3	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	65 - 136
4-Bromofluorobenzene	89	51 - 142
Dibromofluoromethane	96	68 - 132
Toluene-d8 (Surr)	103	63 - 127

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Lab Control Sample - Batch: 220-50867

Method: 8260B
Preparation: 5030B

Lab Sample ID:	LCS 220-50867/2	Analysis Batch:	220-50867	Instrument ID:	MSL
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	L9592.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	05/13/2011 1906	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	05/13/2011 1906				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Methyl tert-butyl ether	20.0	19.9	100	79 - 122	
Benzene	20.0	20.6	103	66 - 131	
Toluene	20.0	20.6	103	66 - 120	
Ethylbenzene	20.0	19.9	100	62 - 120	
m&p-Xylene	40.0	41.4	103	58 - 120	
o-Xylene	20.0	19.7	98	53 - 120	
Isopropylbenzene	20.0	19.4	97	48 - 122	
N-Propylbenzene	20.0	19.9	99	54 - 120	
1,3,5-Trimethylbenzene	20.0	19.4	97	50 - 120	
tert-Butylbenzene	20.0	18.6	93	50 - 121	
1,2,4-Trimethylbenzene	20.0	19.4	97	52 - 120	
sec-Butylbenzene	20.0	19.7	99	52 - 124	
4-Isopropyltoluene	20.0	19.0	95	46 - 120	
n-Butylbenzene	20.0	17.0	85	35 - 124	
Naphthalene	20.0	18.4	92	38 - 120	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	88	65 - 136
4-Bromofluorobenzene	88	51 - 142
Dibromofluoromethane	97	68 - 132
Toluene-d8 (Surr)	106	63 - 127

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Method Blank - Batch: 220-50806

Method: 8270C
Preparation: 3510C

Lab Sample ID:	MB 220-50806/1-A	Analysis Batch:	220-50886	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	220-50806	Lab File ID:	A16119.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	05/16/2011 1121	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	05/13/2011 0727			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Naphthalene	4.0	U	0.30	4.0
Acenaphthene	4.0	U	0.31	4.0
Fluorene	4.0	U	0.26	4.0
Phenanthrene	4.0	U	0.28	4.0
Anthracene	4.0	U	0.29	4.0
Pyrene	4.0	U	0.33	4.0
Benzo[a]anthracene	4.0	U	0.30	4.0
Chrysene	4.0	U	0.25	4.0
Benzo[b]fluoranthene	4.0	U	0.36	4.0
Benzo[k]fluoranthene	4.0	U	0.40	4.0
Benzo[a]pyrene	4.0	U	0.35	4.0
Indeno[1,2,3-cd]pyrene	4.0	U	0.28	4.0
Dibenz(a,h)anthracene	4.0	U	0.38	4.0
Benzo[g,h,i]perylene	4.0	U	0.36	4.0
Fluoranthene	4.0	U	0.31	4.0
Acenaphthylene	4.0	U	0.34	4.0

Surrogate	% Rec		Acceptance Limits
Nitrobenzene-d5	30	*	40 - 120
2-Fluorobiphenyl	37	*	39 - 120
Terphenyl-d14	63		10 - 120

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Lab Control Sample - Batch: 220-50806

Method: 8270C
Preparation: 3510C

Lab Sample ID:	LCS 220-50806/2-A	Analysis Batch:	220-50863	Instrument ID:	MSA
Client Matrix:	Water	Prep Batch:	220-50806	Lab File ID:	A16098.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	05/13/2011 1423	Units:	ug/L	Final Weight/Volume:	1.0 mL
Prep Date:	05/13/2011 0727			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Naphthalene	40.0	22.5	56	42 - 120	
Acenaphthene	40.0	31.0	78	52 - 120	
Fluorene	40.0	34.3	86	61 - 120	
Phenanthrene	40.0	36.0	90	63 - 120	
Anthracene	40.0	36.1	90	60 - 120	
Pyrene	40.0	37.5	94	62 - 120	
Benzo[a]anthracene	40.0	36.1	90	60 - 120	
Chrysene	40.0	36.8	92	59 - 120	
Benzo[b]fluoranthene	40.0	36.6	92	59 - 120	
Benzo[k]fluoranthene	40.0	38.0	95	58 - 120	
Benzo[a]pyrene	40.0	36.7	92	51 - 120	
Indeno[1,2,3-cd]pyrene	40.0	36.4	91	48 - 120	
Dibenz(a,h)anthracene	40.0	36.7	92	47 - 120	
Benzo[g,h,i]perylene	40.0	37.4	94	48 - 120	
Fluoranthene	40.0	37.1	93	56 - 120	
Acenaphthylene	40.0	30.3	76	52 - 120	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5	56	40 - 120
2-Fluorobiphenyl	69	39 - 120
Terphenyl-d14	95	10 - 120

DATA REPORTING QUALIFIERS

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
GC/MS Semi VOA		
	U	Analyzed for but not detected.
	J	Indicates an estimated value.
	*	Surrogate exceeds the control limit

Client: Gannett Fleming

Job Number: 220-15477-1
Sdg Number:

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:220-50867					
LCS 220-50867/2	Lab Control Sample	T	Water	8260B	
MB 220-50867/3	Method Blank	T	Water	8260B	
220-15477-1	MW-X	T	Water	8260B	
220-15477-2	MW-UST-5	T	Water	8260B	
220-15477-3TB	Trip Blank	T	Water	8260B	

Report Basis
T = Total

GC/MS Semi VOA					
Prep Batch: 220-50806					
LCS 220-50806/2-A	Lab Control Sample	T	Water	3510C	
MB 220-50806/1-A	Method Blank	T	Water	3510C	
220-15477-1	MW-X	T	Water	3510C	
220-15477-2	MW-UST-5	T	Water	3510C	
Analysis Batch:220-50863					
LCS 220-50806/2-A	Lab Control Sample	T	Water	8270C	220-50806
220-15477-2	MW-UST-5	T	Water	8270C	220-50806
Analysis Batch:220-50886					
MB 220-50806/1-A	Method Blank	T	Water	8270C	220-50806
220-15477-1	MW-X	T	Water	8270C	220-50806

Report Basis
T = Total

Client: Gannett Fleming Job Number: 220-15477-1

Laboratory Chronicle

Lab ID: 220-15477-1 **Client ID: MW-X**

Sample Date/Time: 05/12/2011 10:58 Received Date/Time: 05/12/2011 15:08

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-15477-B-1		220-50867		05/14/2011 00:10	1	TAL CT	DH
A:8260B	220-15477-B-1		220-50867		05/14/2011 00:10	1	TAL CT	DH
P:3510C	220-15477-E-1-A		220-50886	220-50806	05/13/2011 09:24	1	TAL CT	SJ
A:8270C	220-15477-E-1-A		220-50886	220-50806	05/16/2011 12:44	1	TAL CT	SJ

Lab ID: 220-15477-2 **Client ID: MW-UST-5**

Sample Date/Time: 05/12/2011 11:11 Received Date/Time: 05/12/2011 15:08

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-15477-B-2		220-50867		05/13/2011 23:45	1	TAL CT	DH
A:8260B	220-15477-B-2		220-50867		05/13/2011 23:45	1	TAL CT	DH
P:3510C	220-15477-E-2-A		220-50863	220-50806	05/13/2011 09:24	1	TAL CT	SJ
A:8270C	220-15477-E-2-A		220-50863	220-50806	05/13/2011 16:40	1	TAL CT	SJ

Lab ID: 220-15477-3 **Client ID: Trip Blank**

Sample Date/Time: 05/12/2011 00:00 Received Date/Time: 05/12/2011 15:08

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	220-15477-A-3		220-50867		05/13/2011 20:31	1	TAL CT	DH
A:8260B	220-15477-A-3		220-50867		05/13/2011 20:31	1	TAL CT	DH

Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 220-50867/3		220-50867		05/13/2011 19:55	1	TAL CT	DH
A:8260B	MB 220-50867/3		220-50867		05/13/2011 19:55	1	TAL CT	DH
P:3510C	MB 220-50806/1-A		220-50886	220-50806	05/13/2011 07:27	1	TAL CT	SJ
A:8270C	MB 220-50806/1-A		220-50886	220-50806	05/16/2011 11:21	1	TAL CT	SJ

Client: Gannett Fleming

Job Number: 220-15477-1

Laboratory Chronicle

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 220-50867/2		220-50867		05/13/2011 19:06	1	TAL CT	DH
A:8260B	LCS 220-50867/2		220-50867		05/13/2011 19:06	1	TAL CT	DH
P:3510C	LCS 220-50806/2-A		220-50863	220-50806	05/13/2011 07:27	1	TAL CT	SJ
A:8270C	LCS 220-50806/2-A		220-50863	220-50806	05/13/2011 14:23	1	TAL CT	SJ

Lab References:

TAL CT = TestAmerica Connecticut

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RTX-VMS ID: 0.18(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
MW-X	220-15477-1	86	78	97	84
MW-UST-5	220-15477-2	90	83	100	85
Trip Blank	220-15477-3	93	85	102	86
	MB 220-50867/3	96	89	103	89
	LCS 220-50867/2	97	88	106	88

	QC LIMITS
DBFM = Dibromofluoromethane	68-132
DCA = 1,2-Dichloroethane-d4 (Surr)	65-136
TOL = Toluene-d8 (Surr)	63-127
BFB = 4-Bromofluorobenzene	51-142

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Matrix: Water Level: Low Lab File ID: L9592.D

Lab ID: LCS 220-50867/2 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Methyl tert-butyl ether	20.0	19.9	100	79-122	
Benzene	20.0	20.6	103	66-131	
Toluene	20.0	20.6	103	66-120	
Ethylbenzene	20.0	19.9	100	62-120	
m&p-Xylene	40.0	41.4	103	58-120	
o-Xylene	20.0	19.7	98	53-120	
Isopropylbenzene	20.0	19.4	97	48-122	
N-Propylbenzene	20.0	19.9	99	54-120	
1,3,5-Trimethylbenzene	20.0	19.4	97	50-120	
tert-Butylbenzene	20.0	18.6	93	50-121	
1,2,4-Trimethylbenzene	20.0	19.4	97	52-120	
sec-Butylbenzene	20.0	19.7	99	52-124	
4-Isopropyltoluene	20.0	19.0	95	46-120	
n-Butylbenzene	20.0	17.0	85	35-124	
Naphthalene	20.0	18.4	92	38-120	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab File ID: L9594.D Lab Sample ID: MB 220-50867/3

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: MSL Date Analyzed: 05/13/2011 19:55

GC Column: RTX-VMS ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-50867/2	L9592.D	05/13/2011 19:06
Trip Blank	220-15477-3	L9595.D	05/13/2011 20:31
MW-UST-5	220-15477-2	L9603.D	05/13/2011 23:45
MW-X	220-15477-1	L9604.D	05/14/2011 00:10

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab File ID: LB722.D BFB Injection Date: 05/12/2011

Instrument ID: MSL BFB Injection Time: 18:26

Analysis Batch No.: 50803

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.1	
75	30.0 - 60.0 % of mass 95	37.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	71.9	
175	5.0 - 9.0 % of mass 174	5.2	(7.3)1
176	95.0 - 101.0 % of mass 174	70.7	(98.4)1
177	5.0 - 9.0 % of mass 176	4.3	(6.1)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 220-50803/1	L9576.D	05/12/2011	18:48
	IC 220-50803/2	L9577.D	05/12/2011	19:12
	IC 220-50803/3	L9578.D	05/12/2011	19:37
	IC 220-50803/4	L9579.D	05/12/2011	20:01
	IC 220-50803/5	L9580.D	05/12/2011	20:25
	IC 220-50803/6	L9581.D	05/12/2011	20:49

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab File ID: LB723.D BFB Injection Date: 05/13/2011

Instrument ID: MSL BFB Injection Time: 18:06

Analysis Batch No.: 50867

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.2	
75	30.0 - 60.0 % of mass 95	36.9	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.1	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	80.0	
175	5.0 - 9.0 % of mass 174	5.6	(7.0)1
176	95.0 - 101.0 % of mass 174	78.1	(97.6)1
177	5.0 - 9.0 % of mass 176	5.0	(6.3)2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-50867/1	L9591.D	05/13/2011	18:29
	LCS 220-50867/2	L9592.D	05/13/2011	19:06
	MB 220-50867/3	L9594.D	05/13/2011	19:55
Trip Blank	220-15477-3	L9595.D	05/13/2011	20:31
MW-UST-5	220-15477-2	L9603.D	05/13/2011	23:45
MW-X	220-15477-1	L9604.D	05/14/2011	00:10

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Sample No.: CCVIS 220-50867/1 Date Analyzed: 05/13/2011 18:29

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm)

Lab File ID (Standard): L9591.D Heated Purge: (Y/N) N

Calibration ID: 10650

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		984730	4.23	753226	7.47	327753	9.53
UPPER LIMIT		1969460	4.73	1506452	7.97	655506	10.03
LOWER LIMIT		492365	3.73	376613	6.97	163877	9.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-50867/2		953397	4.23	714197	7.47	322298	9.54
MB 220-50867/3		942200	4.22	747850	7.47	304701	9.54
220-15477-3	Trip Blank	961116	4.22	732544	7.47	317054	9.54
220-15477-2	MW-UST-5	875023	4.23	659123	7.46	281664	9.53
220-15477-1	MW-X	929515	4.22	695064	7.47	290931	9.53

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15477-1

SDG No.:

Client Sample ID: MW-X | Lab Sample ID: 220-15477-1

Matrix: Water | Lab File ID: L9604.D

Analysis Method: 8260B | Date Collected: 05/12/2011 10:58

Sample wt/vol: 5(mL) | Date Analyzed: 05/14/2011 00:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 50867 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.17
71-43-2	Benzene	5.0	U	5.0	0.74
108-88-3	Toluene	5.0	U	5.0	0.72
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
179601-23-1	m&p-Xylene	5.0	U	5.0	1.7
95-47-6	o-Xylene	5.0	U	5.0	0.66
98-82-8	Isopropylbenzene	5.0	U	5.0	0.85
103-65-1	N-Propylbenzene	5.0	U	5.0	0.62
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	0.53
98-06-6	tert-Butylbenzene	5.0	U	5.0	0.75
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.64
135-98-8	sec-Butylbenzene	5.0	U	5.0	0.79
99-87-6	4-Isopropyltoluene	5.0	U	5.0	0.81
104-51-8	n-Butylbenzene	5.0	U	5.0	0.67
91-20-3	Naphthalene	5.0	U	5.0	0.34
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	78		65-136
460-00-4	4-Bromofluorobenzene	84		51-142
1868-53-7	Dibromofluoromethane	86		68-132
2037-26-5	Toluene-d8 (Surr)	97		63-127

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msl.i\L119590.b\L9604.D
Lab Smp Id: 220-15477-B-1 Client Smp ID: MW-X
Inj Date : 14-MAY-2011 00:10 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : 220-15477-b-1
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119590.b\L8260BNW.m
Meth Date : 13-May-2011 18:49 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 20:49 Cal File: L9581.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.217	4.228	(1.000)	929515	25.0000	
21 Acetone	43	1.963	1.964	(0.466)	7181	2.06283	2
$ 41 Dibromofluoromethane	111	3.272	3.273	(0.776)	170787	21.5138	22
$ 55 1,2-Dichloroethane-d4	65	3.863	3.864	(0.916)	149904	19.5505	20
* 75 Chlorobenzene-d5	117	7.465	7.466	(1.000)	695064	25.0000	
$ 77 Toluene-d8	98	5.999	6.000	(0.804)	553914	24.1708	24
* 95 1,4-Dichlorobenzene-d4	152	9.532	9.533	(1.000)	290931	25.0000	
$ 125 Bromofluorobenzene	95	8.568	8.569	(0.899)	182468	21.0287	21

Data File: L9604.D

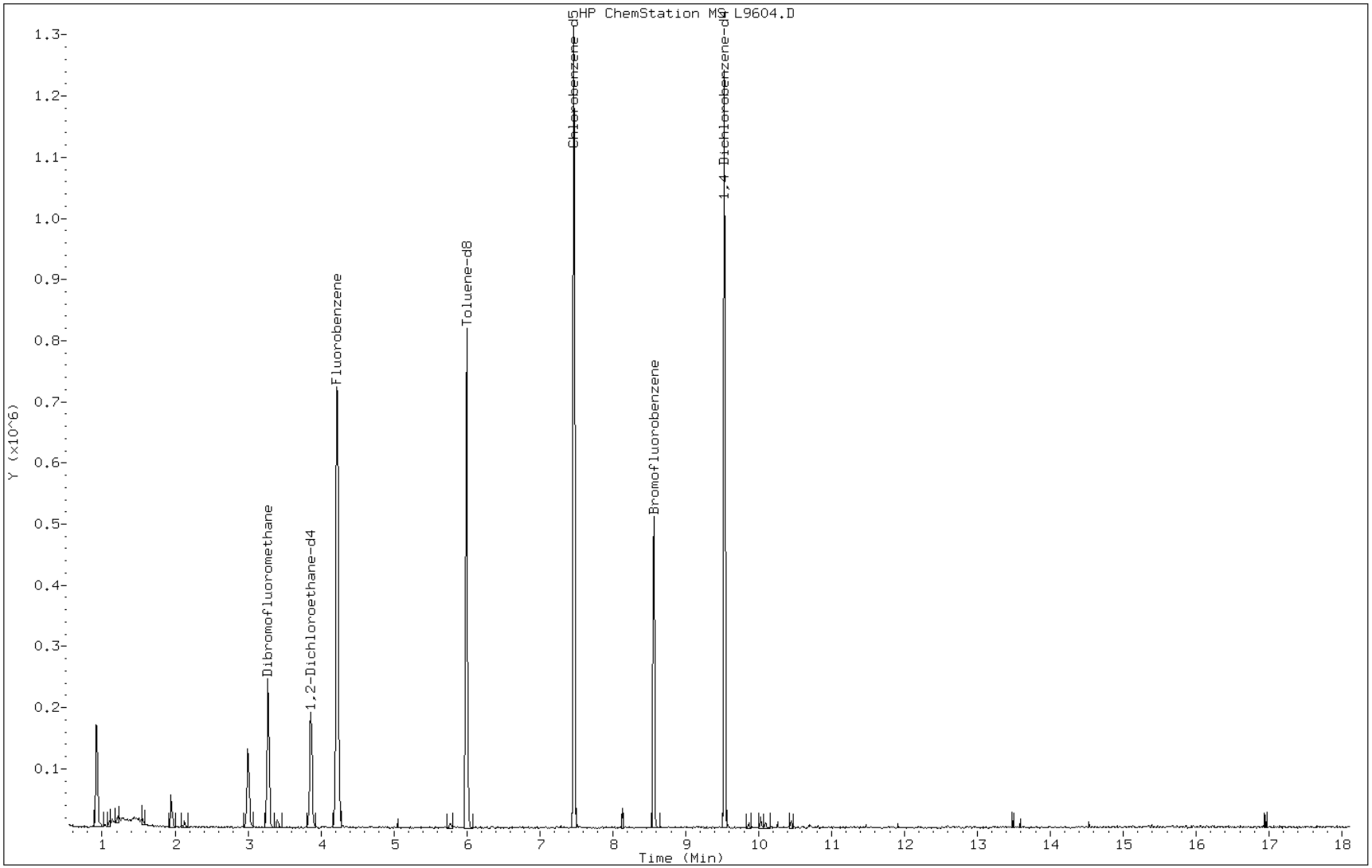
Date: 14-MAY-2011 00:10

Client ID: MW-X

Instrument: msl.i

Sample Info: 220-15477-b-1

Operator: E. LYNCH



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15477-1

SDG No.:

Client Sample ID: MW-UST-5 | Lab Sample ID: 220-15477-2

Matrix: Water | Lab File ID: L9603.D

Analysis Method: 8260B | Date Collected: 05/12/2011 11:11

Sample wt/vol: 5(mL) | Date Analyzed: 05/13/2011 23:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 50867 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	0.40	J	5.0	0.17
71-43-2	Benzene	7.9		5.0	0.74
108-88-3	Toluene	5.0	U	5.0	0.72
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
179601-23-1	m&p-Xylene	5.0	U	5.0	1.7
95-47-6	o-Xylene	5.0	U	5.0	0.66
98-82-8	Isopropylbenzene	5.0	U	5.0	0.85
103-65-1	N-Propylbenzene	5.0	U	5.0	0.62
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	0.53
98-06-6	tert-Butylbenzene	5.0	U	5.0	0.75
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.64
135-98-8	sec-Butylbenzene	5.0	U	5.0	0.79
99-87-6	4-Isopropyltoluene	5.0	U	5.0	0.81
104-51-8	n-Butylbenzene	5.0	U	5.0	0.67
91-20-3	Naphthalene	5.0	U	5.0	0.34
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	83		65-136
460-00-4	4-Bromofluorobenzene	85		51-142
1868-53-7	Dibromofluoromethane	90		68-132
2037-26-5	Toluene-d8 (Surr)	100		63-127

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msl.i\L119590.b\L9603.D
Lab Smp Id: 220-15477-B-2 Client Smp ID: MW-UST-5
Inj Date : 13-MAY-2011 23:45 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : 220-15477-b-2
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119590.b\L8260BNW.m
Meth Date : 13-May-2011 18:49 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 20:49 Cal File: L9581.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

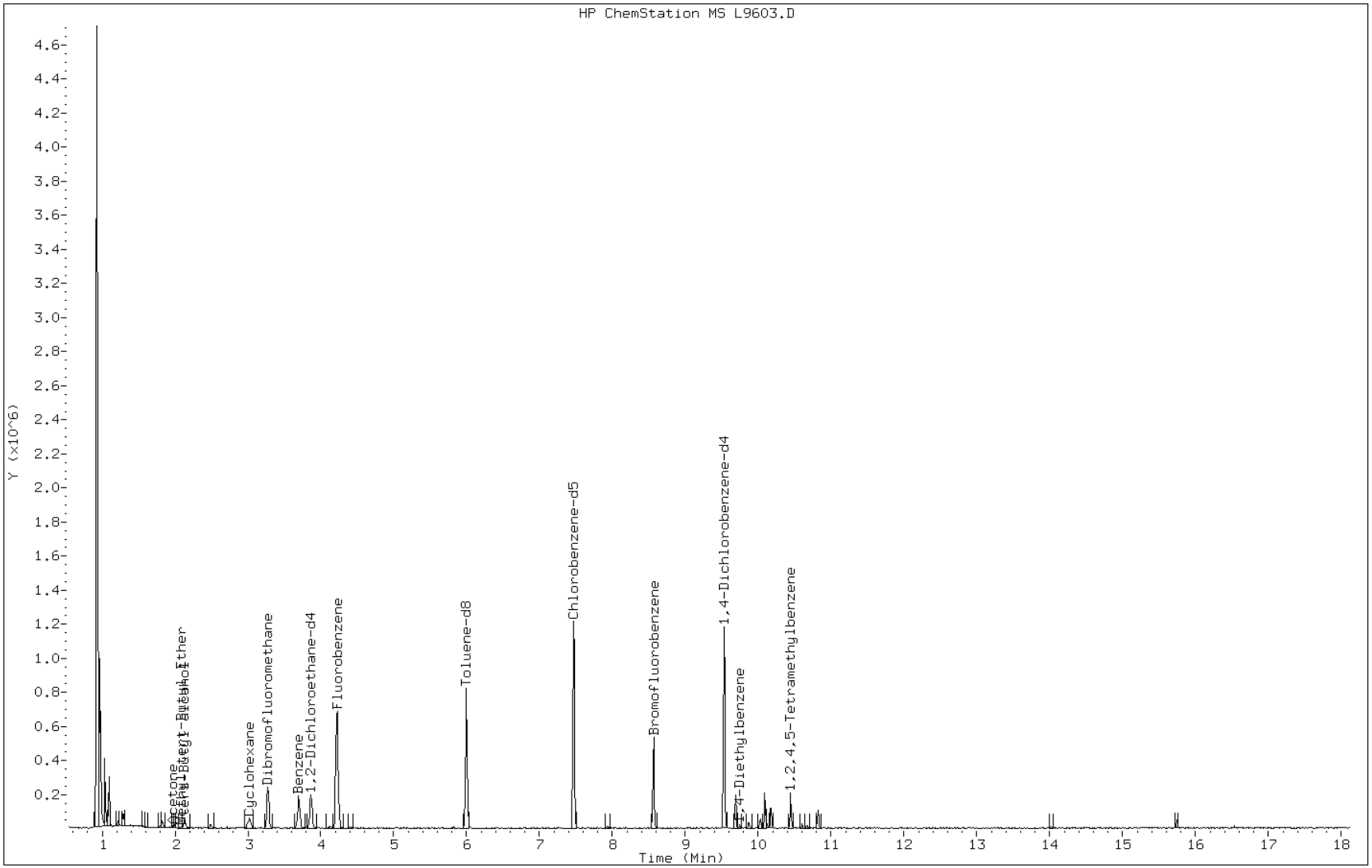
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.226	4.228	(1.000)	875023	25.0000	
	21 Acetone	43	1.962	1.964	(0.464)	15355	4.68561	5
	24 Methyl tert-Butyl Ether	73	2.090	2.092	(0.495)	8300	0.39905	0.4
	25 tert-Butyl alcohol	59	2.130	2.132	(0.504)	74552	68.5100	68
	37 Cyclohexane	84	3.035	3.027	(0.718)	24617	10.5463	10
$	41 Dibromofluoromethane	111	3.271	3.273	(0.774)	168925	22.5341	22
	52 Benzene	78	3.695	3.697	(0.874)	208791	7.89307	8
$	55 1,2-Dichloroethane-d4	65	3.862	3.864	(0.914)	150541	20.8558	21
*	75 Chlorobenzene-d5	117	7.464	7.466	(1.000)	659123	25.0000	
	76 Toluene	91	6.047	6.049	(0.810)	4127	0.15204	0.2
$	77 Toluene-d8	98	5.998	6.000	(0.804)	545943	25.0091	25
*	95 1,4-Dichlorobenzene-d4	152	9.531	9.533	(1.000)	281664	25.0000	
	114 1,4-Diethylbenzene	119	9.748	9.750	(2.306)	6504	0.88272	0.9
	118 1,2,4,5-Tetramethylbenzene	119	10.447	10.449	(2.472)	91970	6.47606	6
$	125 Bromofluorobenzene	95	8.567	8.569	(0.899)	177767	21.1662	21

Data File: L9603.D

Date: 13-MAY-2011 23:45

Client ID: MW-UST-5 Instrument: msl.i

Sample Info: 220-15477-b-2 Operator: E. LYNCH



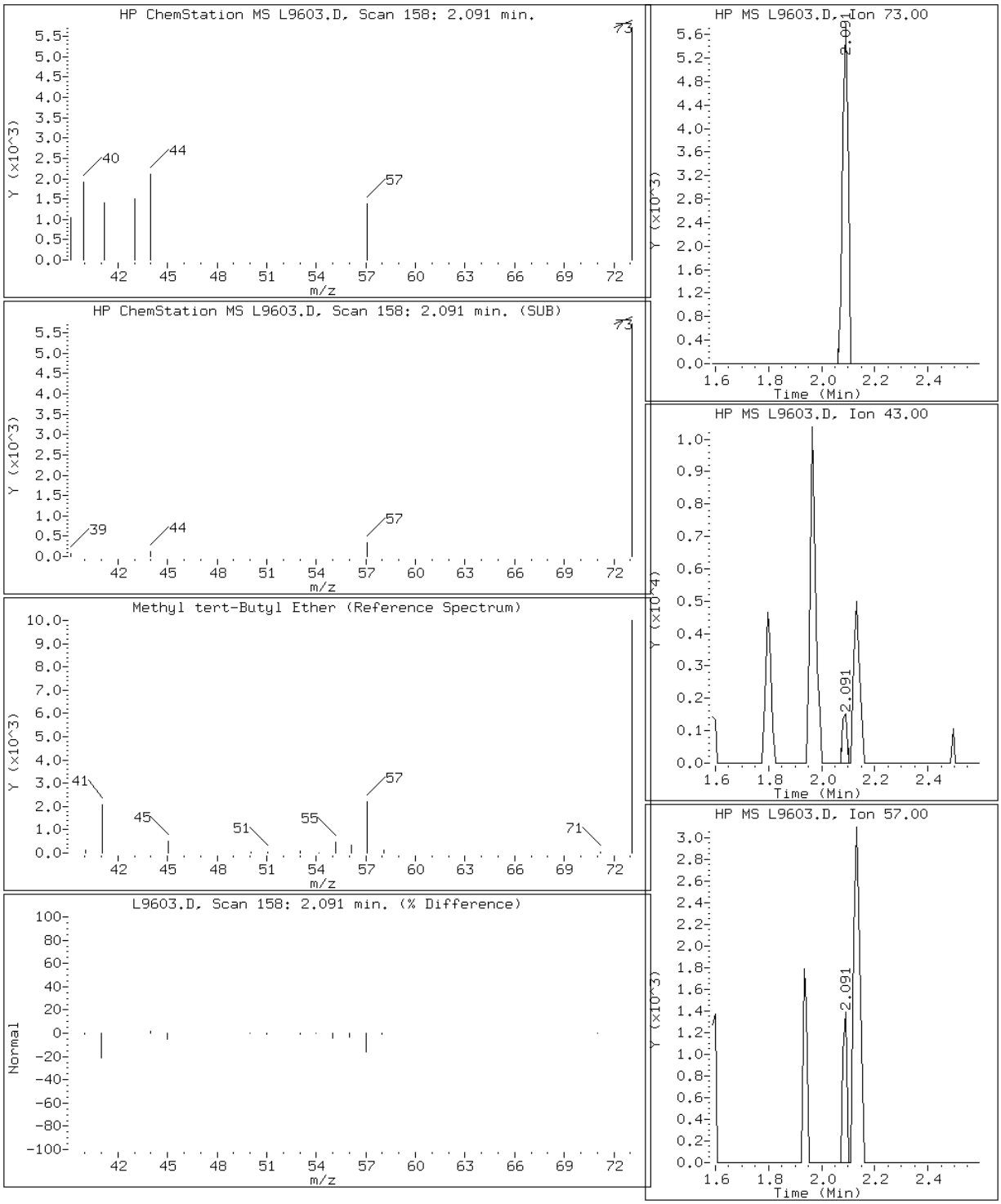
Data File: L9603.D

Date: 13-MAY-2011 23:45

Client ID: MW-UST-5 Instrument: msl.i

Sample Info: 220-15477-b-2 Operator: E. LYNCH

24 Methyl tert-Butyl Ether



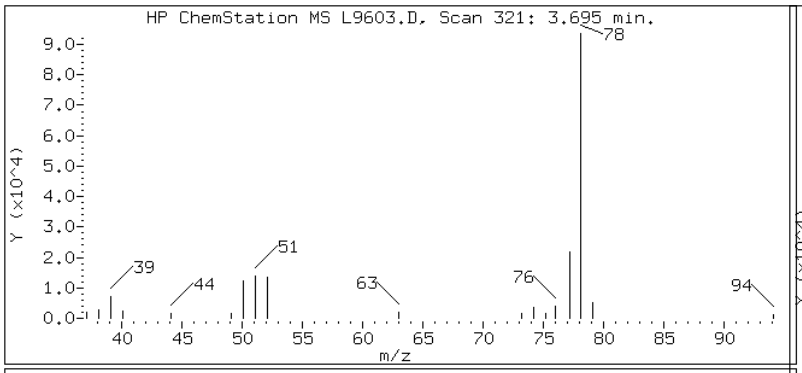
Data File: L9603.D

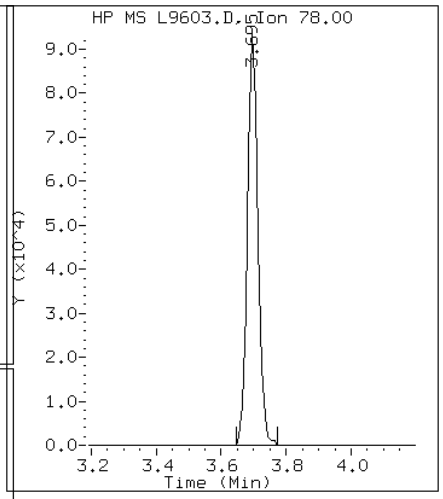
Date: 13-MAY-2011 23:45

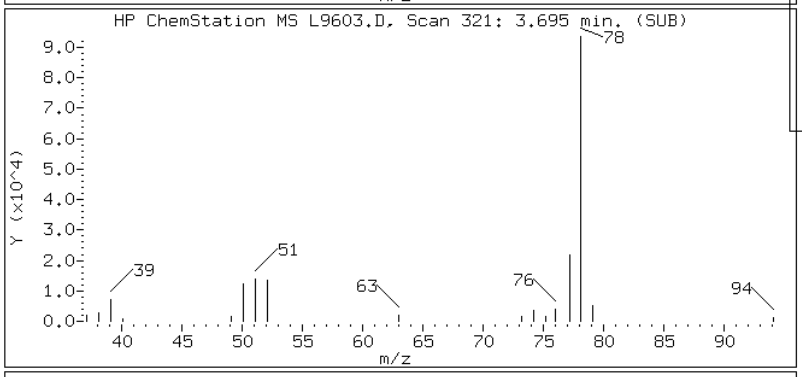
Client ID: MW-UST-5 Instrument: msl.i

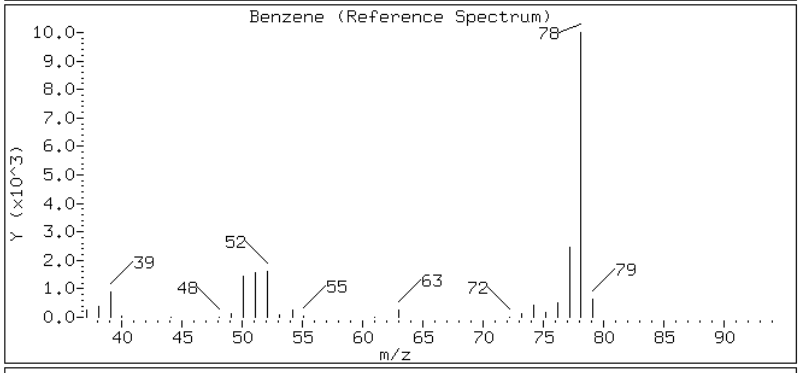
Sample Info: 220-15477-b-2 Operator: E. LYNCH

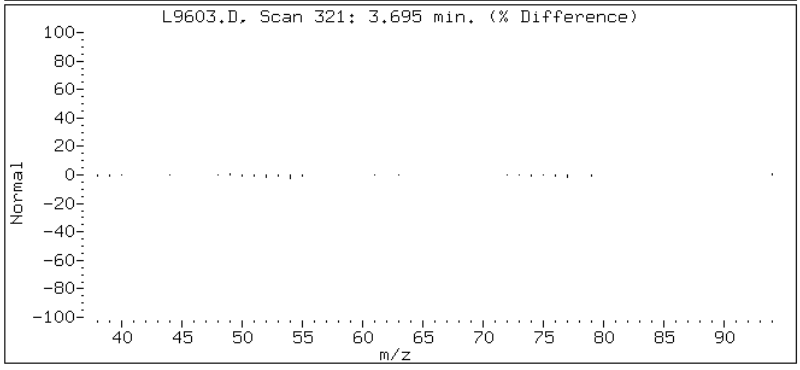
52 Benzene











FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15477-1

SDG No.:

Client Sample ID: Trip Blank | Lab Sample ID: 220-15477-3

Matrix: Water | Lab File ID: L9595.D

Analysis Method: 8260B | Date Collected: 05/12/2011 00:00

Sample wt/vol: 5(mL) | Date Analyzed: 05/13/2011 20:31

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 50867 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.17
71-43-2	Benzene	5.0	U	5.0	0.74
108-88-3	Toluene	5.0	U	5.0	0.72
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
179601-23-1	m&p-Xylene	5.0	U	5.0	1.7
95-47-6	o-Xylene	5.0	U	5.0	0.66
98-82-8	Isopropylbenzene	5.0	U	5.0	0.85
103-65-1	N-Propylbenzene	5.0	U	5.0	0.62
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	0.53
98-06-6	tert-Butylbenzene	5.0	U	5.0	0.75
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.64
135-98-8	sec-Butylbenzene	5.0	U	5.0	0.79
99-87-6	4-Isopropyltoluene	5.0	U	5.0	0.81
104-51-8	n-Butylbenzene	5.0	U	5.0	0.67
91-20-3	Naphthalene	5.0	U	5.0	0.34
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	85		65-136
460-00-4	4-Bromofluorobenzene	86		51-142
1868-53-7	Dibromofluoromethane	93		68-132
2037-26-5	Toluene-d8 (Surr)	102		63-127

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msl.i\L119590.b\L9595.D
Lab Smp Id: 220-15477-A-3 Client Smp ID: Trip Blank
Inj Date : 13-MAY-2011 20:31 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : 220-15477-a-3
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119590.b\L8260BNW.m
Meth Date : 13-May-2011 18:49 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 20:49 Cal File: L9581.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
*	1 Fluorobenzene	96	4.222	4.228	(1.000)	961116	25.0000	
	20 Methylene Chloride	84	1.939	1.945	(0.459)	55341	3.52202	4
$	41 Dibromofluoromethane	111	3.277	3.273	(0.776)	192817	23.3629	23
$	55 1,2-Dichloroethane-d4	65	3.868	3.864	(0.916)	167993	21.1887	21
*	75 Chlorobenzene-d5	117	7.470	7.466	(1.000)	732544	25.0000	
$	77 Toluene-d8	98	5.994	6.000	(0.802)	622476	25.5826	26
*	95 1,4-Dichlorobenzene-d4	152	9.537	9.533	(1.000)	317054	25.0000	
$	125 Bromofluorobenzene	95	8.563	8.569	(0.898)	203103	21.4960	21

Data File: L9595.D

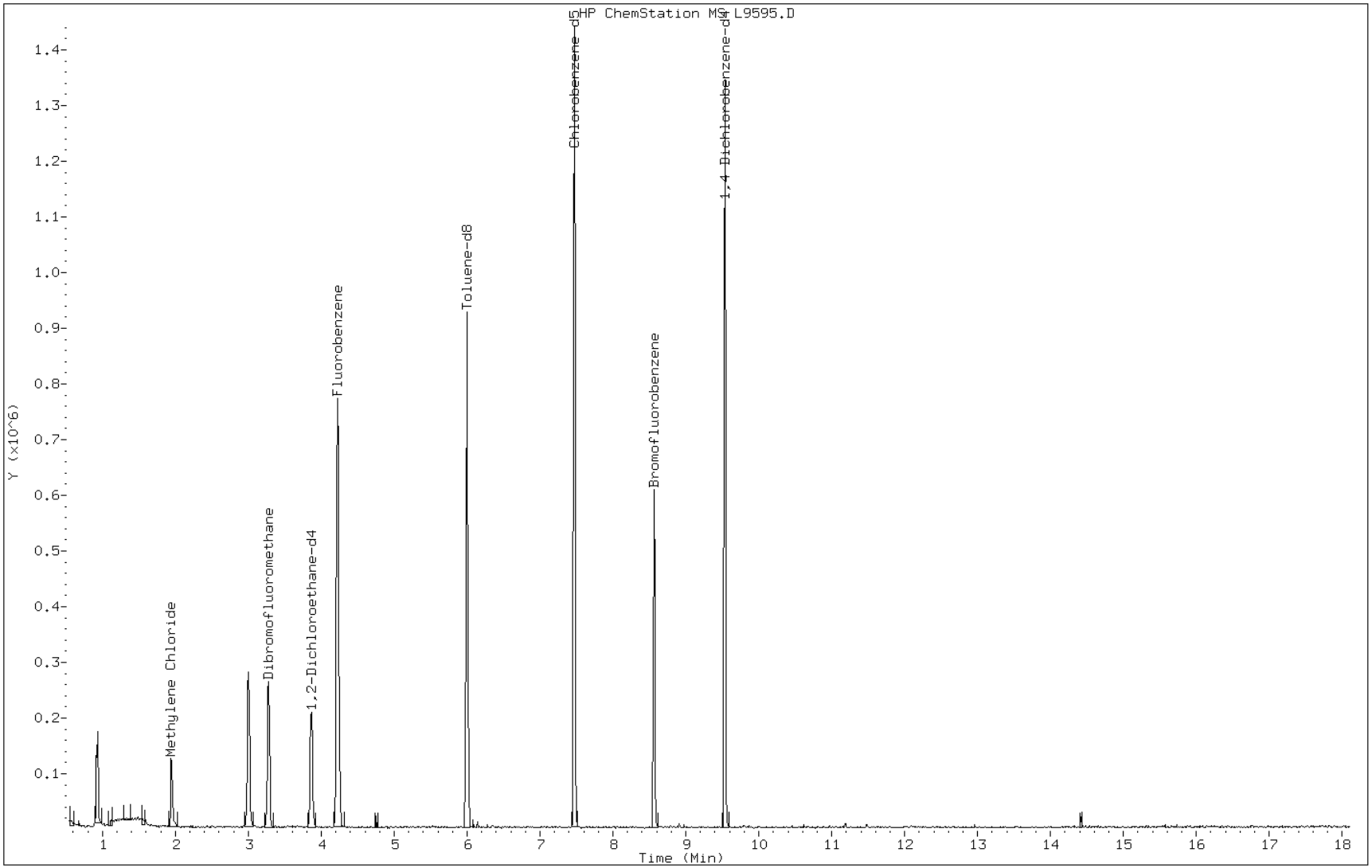
Date: 13-MAY-2011 20:31

Client ID: Trip Blank

Instrument: msl.i

Sample Info: 220-15477-a-3

Operator: E. LYNCH



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50803/6	L9581.D
Level 2	IC 220-50803/5	L9580.D
Level 3	IC 220-50803/4	L9579.D
Level 4	IC 220-50803/3	L9578.D
Level 5	IC 220-50803/2	L9577.D
Level 6	IC 220-50803/1	L9576.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Heptane	0 0	0	0	0	0	Ave								15.0			
Isopropyl alcohol	0 0	0	0	0	0	Ave								15.0			
Dichlorodifluoromethane	0.1193 0.1572	0.1095	0.1222	0.1598	0.1655	Lin	0.2338	0.1656							0.9956		
Chloromethane	0.2041 0.2325	0.1849	0.1996	0.2497	0.2492	Ave		0.2200			0.1000	12.5		15.0			
Vinyl chloride	0.1715 0.1947	0.1504	0.1527	0.2059	0.2041	Ave		0.1799				14.0		30.0			
Bromomethane	0.1166 0.0597	0.0943	0.0776	0.0717	0.0698	Qua	0.0242	9.7003	13.409						0.9934		
Chloroethane	0.1312 0.0502	0.0913	0.0736	0.0786	0.0655	Ave		0.0817				34.0	*	15.0			
Trichlorofluoromethane	0.2233 0.2271	0.2018	0.2012	0.2532	0.2417	Lin	0.0643	0.2371							0.9940		
Dichlorofluoromethane	0.2591 0.2439	0.2311	0.2189	0.2641	0.2521	Ave		0.2449				7.1		15.0			
Ethyl ether	0.1008 0.1058	0.1121	0.1091	0.1125	0.1057	Ave		0.1077				4.1		15.0			
Ethanol	0.0103 0.0101	0.0092	0.0096	0.0091	0.0098	Ave		0.0097				4.8		15.0			
1,1-Dichloroethene	0.1595 0.1654	0.1327	0.1309	0.1765	0.1715	Ave		0.1561				12.6		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1692 0.1820	0.1348	0.1313	0.1902	0.1930	Lin	0.2334	0.1928							0.9927		
Carbon disulfide	0.6533 0.6549	0.5349	0.5013	0.6859	0.6771	Lin	0.1742	0.6819							0.9951		
Iodomethane	0.0752 0.2058	0.1058	0.1274	0.1903	0.2012	Lin	0.4398	0.2162							0.9948		

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrolein	0.1227 0.1150	0.1400	0.1183	0.1398	0.1247	Ave		0.1267				8.5		15.0			
3-Chloro-1-propene	0.2978 0.3161	0.2831	0.2769	0.3296	0.3202	Ave		0.3039				7.0		15.0			
Methylene Chloride	0.4025 0.2338	0.2629	0.2318	0.2431	0.2405	Lin	-0.106	0.2329							0.9993		
Acetone	0.0936 0.0981	0.0967	0.0853	0.0926	0.0954	Ave		0.0936				4.9		15.0			
Methyl acetate	1.2675 1.0413	1.3186	1.1874	1.2194	1.0993	Ave		1.1889				8.7		15.0			
trans-1,2-Dichloroethene	0.2077 0.2111	0.1872	0.1802	0.2195	0.2166	Ave		0.2037				8.0		15.0			
Methyl tert-butyl ether	0.5748 0.5751	0.6138	0.5889	0.6213	0.5916	Ave		0.5942				3.3		15.0			
tert-Butyl alcohol	0.0338 0.0267	0.0351	0.0307	0.0317	0.0286	Ave		0.0311				10.0		15.0			
Acetonitrile	0.0877 0.0775	0.0830	0.0776	0.0834	0.0792	Ave		0.0814				4.9		15.0			
Isopropyl ether	0.7419 0.7432	0.7268	0.7117	0.7717	0.7792	Ave		0.7457				3.5		15.0			
2-Chloro-1,3-butadiene	0.1670 0.1831	0.1431	0.1441	0.1971	0.1989	Lin	0.1778	0.1948							0.9920		
1,1-Dichloroethane	0.3357 0.3445	0.3122	0.3010	0.3617	0.3715	Ave		0.3378			0.1000	8.1		15.0			
Acrylonitrile	0.1024 0.0995	0.1133	0.1034	0.1147	0.1054	Ave		0.1064				5.8		15.0			
Tert-butyl ethyl ether	0.6123 0.6256	0.6688	0.6307	0.6642	0.6671	Ave		0.6448				3.8		15.0			
Vinyl acetate	1.3648 1.2606	1.4547	1.3112	1.4638	1.4038	Ave		1.3765				5.8		15.0			
cis-1,2-Dichloroethene	0.2296 0.2438	0.2303	0.2236	0.2576	0.2525	Ave		0.2395				5.8		15.0			
2,2-Dichloropropane	0.2526 0.2686	0.2189	0.2133	0.2639	0.2778	Ave		0.2492				10.8		15.0			
Bromochloromethane	0.1198 0.1203	0.1248	0.1178	0.1224	0.1200	Ave		0.1209				2.0		15.0			
Cyclohexane	0.1802 0.2096	0.1524	0.1445	0.2006	0.2082	Lin	0.2922	0.2170							0.9955		
Chloroform	0.3450 0.3659	0.3324	0.3330	0.3733	0.3782	Ave		0.3546				5.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl acetate	0.0206 0.0195	0.0210	0.0197	0.0192	0.0209	Ave		0.0201				3.9		15.0			
Methyl acrylate	0.2104 0.2307	0.2546	0.2415	0.2593	0.2414	Ave		0.2396				7.4		15.0			
Carbon tetrachloride	0.1760 0.2130	0.1530	0.1536	0.2156	0.2187	Lin	0.2545	0.2231							0.9952		
Tetrahydrofuran	0.0887 0.0860	0.0984	0.0900	0.0989	0.0898	Ave		0.0920				5.8		15.0			
1,1,1-Trichloroethane	0.2488 0.2862	0.2191	0.2219	0.2923	0.2957	Lin	0.2023	0.2983							0.9962		
Methyl Ethyl Ketone	0.1275 0.1433	0.1515	0.1372	0.1501	0.1424	Ave		0.1420				6.2		15.0			
1,1-Dichloropropene	0.2365 0.2547	0.1968	0.1971	0.2617	0.2719	Lin	0.2019	0.2686							0.9942		
1-Chlorobutane	0.3281 0.3578	0.2730	0.2632	0.3583	0.3630	Ave		0.3239				13.9		15.0			
Benzene	0.7822 0.7811	0.6955	0.6788	0.8068	0.7902	Ave		0.7558				7.2		15.0			
Propionitrile	0.0417 0.0368	0.0433	0.0397	0.0416	0.0382	Ave		0.0402				6.1		15.0			
Methacrylonitrile	0.1641 0.1656	0.2413	0.1808	0.1875	0.1779	Lin	-0.224	0.1669							0.9945		
Tert-amyl methyl ether	0.5838 0.5997	0.6329	0.6014	0.6421	0.6284	Ave		0.6147				3.7		15.0			
1,2-Dichloroethane	0.2202 0.2454	0.2432	0.2366	0.2518	0.2506	Ave		0.2413				4.9		15.0			
Isobutyl alcohol	0.0230 0.0165	0.0216	0.0193	0.0200	0.0191	Ave		0.0199				11.2		15.0			
Methylcyclohexane	0.1849 0.1829	0.1533	0.1546	0.1934	0.1912	Ave		0.1767				10.2		15.0			
Trichloroethene	0.1793 0.2027	0.1663	0.1667	0.2094	0.2089	Lin	0.1521	0.2098							0.9972		
Dibromomethane	0.1561 0.1747	0.1755	0.1767	0.1823	0.1801	Ave		0.1742				5.4		15.0			
1,2-Dichloropropane	0.2028 0.2122	0.2033	0.2023	0.2199	0.2174	Ave		0.2097				3.8		30.0			
Bromodichloromethane	0.2390 0.2875	0.2698	0.2655	0.2918	0.2931	Ave		0.2745				7.6		15.0			
Methyl methacrylate	0.1542 0.1712	0.1886	0.1782	0.1949	0.1736	Ave		0.1768				8.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,4-Dioxane	0.0058 0.0043	0.0055	0.0052	0.0052	0.0047	Ave		0.0051				10.2		15.0			
2-Chloroethyl vinyl ether	0.3359 0.3430	0.3774	0.3449	0.3946	0.3770	Ave		0.3621				6.6		15.0			
cis-1,3-Dichloropropene	0.3058 0.3496	0.3311	0.3222	0.3586	0.3627	Ave		0.3383				6.6		15.0			
Toluene	1.0410 1.0759	0.9248	0.8991	1.0937	1.1426	Ave		1.0295				9.4		30.0			
Chloroacetonitrile	0.0112 0.0110	0.0121	0.0112	0.0119	0.0112	Ave		0.0114				3.8		15.0			
2-Nitropropane	0.0586 0.0640	0.0667	0.0636	0.0704	0.0645	Ave		0.0646				6.0		15.0			
1,1-Dichloro-2-propanone	0.1959 0.1854	0.2107	0.1916	0.2164	0.1981	Ave		0.1997				5.9		15.0			
Tetrachloroethene	0.1624 0.1858	0.1356	0.1369	0.1811	0.1947	Lin	0.2599	0.1952							0.9949		
methyl isobutyl ketone	0.3637 0.3387	0.3910	0.3734	0.3965	0.3783	Ave		0.3736				5.6		15.0			
trans-1,3-Dichloropropene	0.2878 0.3222	0.3160	0.3132	0.3282	0.3296	Ave		0.3162				4.8		15.0			
1,1,2-Trichloroethane	0.2048 0.2099	0.2157	0.2078	0.2220	0.2114	Ave		0.2119				2.9		15.0			
Ethyl methacrylate	0.3640 0.3944	0.4167	0.4032	0.4334	0.4324	Ave		0.4073				6.5		15.0			
Dibromochloromethane	0.2596 0.3135	0.2880	0.2933	0.3252	0.3292	Ave		0.3015				8.8		15.0			
1,3-Dichloropropane	0.4359 0.4600	0.4421	0.4454	0.4721	0.4810	Ave		0.4561				3.9		15.0			
1,2-Dibromoethane	0.3242 0.3175	0.3306	0.3215	0.3443	0.3429	Ave		0.3302				3.4		15.0			
2-Hexanone	0.2658 0.2557	0.2785	0.2607	0.2832	0.2737	Ave		0.2696				4.0		15.0			
Chlorobenzene	0.6708 0.6853	0.6159	0.6071	0.6836	0.6972	Ave		0.6600			0.3000	5.8		15.0			
1-Chlorohexane	0.3506 0.2836	0.2518	0.3055	0.3488	0.3143	Ave		0.3091				12.3		15.0			
Ethylbenzene	0.3105 0.3126	0.2581	0.2646	0.3201	0.3277	Ave		0.2989				10.0		30.0			
1,1,1,2-Tetrachloroethane	0.2269 0.2470	0.2173	0.2256	0.2474	0.2561	Ave		0.2367				6.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m&p-Xylene	0.3797 0.3759	0.3351	0.3344	0.3940	0.3946	Ave		0.3689				7.5		15.0			
o-Xylene	0.3813 0.3842	0.3502	0.3423	0.3850	0.4020	Ave		0.3742				6.1		15.0			
Styrene	0.6822 0.6916	0.6459	0.6539	0.7001	0.7017	Ave		0.6792				3.5		15.0			
Bromoform	0.1964 0.2356	0.2176	0.2269	0.2434	0.2406	Ave		0.2268			0.1000	7.8		15.0			
Isopropylbenzene	1.7477 1.5914	1.4250	1.4321	1.7436	1.7895	Ave		1.6215				10.1		15.0			
Bromobenzene	0.6200 0.6067	0.6275	0.6093	0.6705	0.6835	Ave		0.6363				5.1		15.0			
N-Propylbenzene	2.1268 2.0224	1.9204	1.8325	2.1552	2.2553	Ave		2.0521				7.7		15.0			
1,1,2,2-Tetrachloroethane	0.9613 0.8418	1.0096	0.9432	0.9983	0.9344	Ave		0.9481			0.3000	6.3		15.0			
4-Ethyltoluene	1.7991 1.6339	1.5619	1.4911	1.7845	1.8028	Ave		1.6789				8.1		15.0			
2-Chlorotoluene	1.6387 1.5284	1.5195	1.4567	1.6806	1.6935	Ave		1.5862				6.2		15.0			
1,2,3-Trichloropropane	0.2275 0.2171	0.2639	0.2501	0.2602	0.2491	Ave		0.2446				7.6		15.0			
1,3,5-Trimethylbenzene	1.4310 1.3015	1.3031	1.2527	1.4264	1.4622	Ave		1.3628				6.4		15.0			
trans-1,4-Dichloro-2-butene	0.1791 0.1954	0.2274	0.2073	0.2340	0.2156	Ave		0.2098				9.7		15.0			
4-Chlorotoluene	1.5849 1.4723	1.4626	1.3594	1.5725	1.5614	Ave		1.5022				5.8		15.0			
tert-Butylbenzene	1.0795 0.9780	0.8903	0.8864	1.0307	1.0639	Ave		0.9881				8.6		15.0			
1,2,4-Trimethylbenzene	1.5183 1.3692	1.4035	1.3014	1.4872	1.5382	Ave		1.4363				6.5		15.0			
sec-Butylbenzene	1.8296 1.4677	1.5444	1.4525	1.7089	1.6050	Ave		1.6013				9.1		15.0			
4-Isopropyltoluene	1.4240 1.1636	1.1614	1.1093	1.2980	1.3255	Ave		1.2469				9.7		15.0			
1,3-Dichlorobenzene	0.8999 0.8789	0.8787	0.8203	0.9354	0.9611	Ave		0.8957				5.5		15.0			
1,4-Dichlorobenzene	0.9798 0.9446	0.9256	0.8904	0.9831	0.9711	Ave		0.9491				3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
p-Diethylbenzene	0.2421 0.2037	0.2034	0.1910	0.2106	0.2122	Ave		0.2105				8.2		15.0			
Benzyl chloride	0.2591 0.2946	0.2963	0.2885	0.3186	0.3241	Ave		0.2969				7.9		15.0			
n-Butylbenzene	1.9767 1.2042	1.7222	1.4285	1.6018	1.8630	Ave		1.6328				17.4	*	15.0			
1,2-Dichlorobenzene	0.8844 0.8749	0.9129	0.8591	0.9447	0.9569	Ave		0.9055				4.4		15.0			
1,2,4,5-Tetramethylbenzene	0.4667 0.3824	0.4157	0.3833	0.3941	0.3923	Ave		0.4057				7.9		15.0			
1,2-Dibromo-3-Chloropropane	0.1107 0.1228	0.1403	0.1281	0.1420	0.1413	Ave		0.1309				9.7		15.0			
Nitrobenzene	0.0712 0.0653	0.0718	0.0789	0.0841	0.0835	Ave		0.0758				10.0		15.0			
Hexachlorobutadiene	0.5293 0.1529	0.2791	0.2144	0.1958	0.1832	Qua	-0.044	3.1555	2.5486						0.9903		
1,2,4-Trichlorobenzene	0.6455 0.4861	0.5782	0.5472	0.5700	0.5664	Ave		0.5656				9.1		15.0			
Naphthalene	2.3100 1.5084	1.9654	1.7992	1.9367	1.8267	Ave		1.8911				13.8		15.0			
1,2,3-Trichlorobenzene	0.6862 0.4589	0.5717	0.5361	0.5640	0.5573	Ave		0.5624				13.0		15.0			
Dibromofluoromethane	0.2073 0.2237	0.2149	0.2035	0.2319	0.2298	Lin	0.0555	0.2282							0.9987		
1,2-Dichloroethane-d4 (Surr)	0.1920 0.2037	0.2151	0.1943	0.2117	0.2094	Lin	0.0003	0.2063							0.9991		
Toluene-d8 (Surr)	0.9178 0.8929	0.7664	0.7675	0.9349	0.9639	Lin	0.1148	0.9354							0.9950		
4-Bromofluorobenzene	0.7216 0.6860	0.7453	0.6632	0.7708	0.7611	Lin	-0.033	0.7172							0.9923		

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50803/6	L9581.D
Level 2	IC 220-50803/5	L9580.D
Level 3	IC 220-50803/4	L9579.D
Level 4	IC 220-50803/3	L9578.D
Level 5	IC 220-50803/2	L9577.D
Level 6	IC 220-50803/1	L9576.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Heptane	FB	Ave	0 0	0	0	0	0	5.00 200	20.0	50.0	100	150
Isopropyl alcohol	FB	Ave	0 0	0	0	0	0	5.00 200	20.0	50.0	100	150
Dichlorodifluoromethane	FB	Lin	22681 1136585	80477	231981	608518	950795	5.00 200	20.0	50.0	100	150
Chloromethane	FB	Ave	38807 1680305	135893	378846	950693	1431688	5.00 200	20.0	50.0	100	150
Vinyl chloride	FB	Ave	32604 1407205	110581	289762	784020	1172411	5.00 200	20.0	50.0	100	150
Bromomethane	FB	Qua	22162 431331	69290	147303	272940	401020	5.00 200	20.0	50.0	100	150
Chloroethane	FB	Ave	24934 363137	67086	139600	299267	376163	5.00 200	20.0	50.0	100	150
Trichlorofluoromethane	FB	Lin	42442 1641736	148335	381817	963842	1388396	5.00 200	20.0	50.0	100	150
Dichlorofluoromethane	FB	Ave	49260 1763134	169912	415410	1005448	1448513	5.00 200	20.0	50.0	100	150
Ethyl ether	FB	Ave	19159 764831	82373	207026	428192	607270	5.00 200	20.0	50.0	100	150
Ethanol	FB	Ave	19505 729279	67482	182132	347865	562545	50.0 2000	200	500	1000	1500
1,1-Dichloroethene	FB	Ave	30325 1195927	97529	248340	672080	985580	5.00 200	20.0	50.0	100	150
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Lin	32164 1315625	99098	249247	723958	1109094	5.00 200	20.0	50.0	100	150
Carbon disulfide	FB	Lin	124180 4733896	393226	951362	2611369	3890380	5.00 200	20.0	50.0	100	150
Iodomethane	FB	Lin	14291 1487350	77761	241852	724623	1156204	5.00 200	20.0	50.0	100	150
Acrolein	FB	Ave	116638 4155917	514395	1122768	2660445	3581801	25.0 1000	100	250	500	750

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
3-Chloro-1-propene	FB	Ave	56614 2284787	208082	525497	1254728	1839827	5.00 200	20.0	50.0	100	150
Methylene Chloride	FB	Lin	76503 1690255	193287	439841	925546	1381715	5.00 200	20.0	50.0	100	150
Acetone	FB	Ave	17800 709442	71090	161906	352481	547977	5.00 200	20.0	50.0	100	150
Methyl acetate	FB	Ave	240947 7526932	969339	2253509	4642202	6315847	5.00 200	20.0	50.0	100	150
trans-1,2-Dichloroethene	FB	Ave	39482 1525698	137593	341912	835638	1244454	5.00 200	20.0	50.0	100	150
Methyl tert-butyl ether	FB	Ave	109267 4157357	451237	1117524	2365242	3398892	5.00 200	20.0	50.0	100	150
tert-Butyl alcohol	FB	Ave	32098 966729	128849	291130	603935	820435	25.0 1000	100	250	500	750
Acetonitrile	FB	Ave	166643 5603655	610446	1472401	3176244	4552957	50.0 2000	200	500	1000	1500
Isopropyl ether	FB	Ave	141027 5372290	534268	1350706	2937933	4476611	5.00 200	20.0	50.0	100	150
2-Chloro-1,3-butadiene	FB	Lin	31740 1323357	105199	273539	750362	1142511	5.00 200	20.0	50.0	100	150
1,1-Dichloroethane	FB	Ave	63807 2490438	229532	571229	1376815	2134181	5.00 200	20.0	50.0	100	150
Acrylonitrile	FB	Ave	38932 1438381	166538	392485	873049	1211298	10.0 400	40.0	100	200	300
Tert-butyl ethyl ether	FB	Ave	116385 4521929	491675	1196846	2528622	3832674	5.00 200	20.0	50.0	100	150
Vinyl acetate	FB	Ave	259431 9112425	1069328	2488391	5572682	8065492	5.00 200	20.0	50.0	100	150
cis-1,2-Dichloroethene	FB	Ave	43643 1762268	169261	424331	980691	1450438	5.00 200	20.0	50.0	100	150
2,2-Dichloropropane	FB	Ave	48025 1941817	160900	404822	1004605	1595878	5.00 200	20.0	50.0	100	150
Bromochloromethane	FB	Ave	22768 869636	91775	223581	466090	689395	5.00 200	20.0	50.0	100	150
Cyclohexane	FB	Lin	34247 1515291	111994	274292	763633	1196468	5.00 200	20.0	50.0	100	150
Chloroform	FB	Ave	65575 2645286	244330	632038	1421077	2172839	5.00 200	20.0	50.0	100	150
Ethyl acetate	FB	Ave	7819 281534	30811	74643	145903	239904	10.0 400	40.0	100	200	300
Methyl acrylate	FB	Ave	39992 1667657	187169	458266	987022	1387155	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Carbon tetrachloride	FB	Lin	33454 1540032	112451	291440	820897	1256445	5.00 200	20.0	50.0	100	150
Tetrahydrofuran	FB	Ave	33736 1243096	144628	341473	753312	1031477	10.0 400	40.0	100	200	300
1,1,1-Trichloroethane	FB	Lin	47301 2068667	161057	421032	1112874	1698772	5.00 200	20.0	50.0	100	150
Methyl Ethyl Ketone	FB	Ave	24238 1036180	111350	260345	571474	817891	5.00 200	20.0	50.0	100	150
1,1-Dichloropropene	FB	Lin	44964 1840915	144661	373995	996325	1561994	5.00 200	20.0	50.0	100	150
1-Chlorobutane	FB	Ave	62374 2586201	200682	499550	1363912	2085407	5.00 200	20.0	50.0	100	150
Benzene	FB	Ave	148698 5646082	511240	1288221	3071429	4540160	5.00 200	20.0	50.0	100	150
Propionitrile	FB	Ave	79273 2659911	318507	753332	1582001	2192537	50.0 2000	200	500	1000	1500
Methacrylonitrile	FB	Lin	31202 1196886	177417	343150	713786	1022064	5.00 200	20.0	50.0	100	150
Tert-amyl methyl ether	FB	Ave	110978 4335318	465227	1141290	2444331	3610162	5.00 200	20.0	50.0	100	150
1,2-Dichloroethane	FB	Ave	41853 1774106	178742	449011	958772	1439907	5.00 200	20.0	50.0	100	150
Isobutyl alcohol	FB	Ave	43660 1192764	158760	365789	762200	1095924	50.0 2000	200	500	1000	1500
Methylcyclohexane	FB	Ave	35151 1322088	112683	293477	736082	1098365	5.00 200	20.0	50.0	100	150
Trichloroethene	FB	Lin	34089 1465333	122264	316416	797097	1200047	5.00 200	20.0	50.0	100	150
Dibromomethane	FB	Ave	29675 1262928	129035	335284	694105	1034745	5.00 200	20.0	50.0	100	150
1,2-Dichloropropane	FB	Ave	38544 1534255	149451	384013	837345	1249099	5.00 200	20.0	50.0	100	150
Bromodichloromethane	FB	Ave	45437 2078547	198330	503944	1111053	1684030	5.00 200	20.0	50.0	100	150
Methyl methacrylate	FB	Ave	29316 1237861	138676	338129	742125	997395	5.00 200	20.0	50.0	100	150
1,4-Dioxane	FB	Ave	11068 314103	40205	99539	198478	272893	50.0 2000	200	500	1000	1500
2-Chloroethyl vinyl ether	FB	Ave	63857 2479341	277448	654598	1502231	2166026	5.00 200	20.0	50.0	100	150
cis-1,3-Dichloropropene	FB	Ave	58137 2527293	243403	611517	1365092	2083667	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Toluene	CBZ	Ave	147685 5835066	533557	1303968	3130746	4755930	5.00 200	20.0	50.0	100	150
Chloroacetonitrile	FB	Ave	21238 797088	88680	212055	452003	643678	50.0 2000	200	500	1000	1500
2-Nitropropane	FB	Ave	22278 924689	98110	241250	536042	740679	10.0 400	40.0	100	200	300
1,1-Dichloro-2-propanone	CBZ	Ave	138926 5027338	607865	1389414	3096543	4122391	25.0 1000	100	250	500	750
Tetrachloroethene	CBZ	Lin	23038 1007785	78254	198611	518518	810264	5.00 200	20.0	50.0	100	150
methyl isobutyl ketone	CBZ	Ave	51600 1836709	225562	541539	1134907	1574538	5.00 200	20.0	50.0	100	150
trans-1,3-Dichloropropene	FB	Ave	54715 2328761	232326	594468	1249542	1893573	5.00 200	20.0	50.0	100	150
1,1,2-Trichloroethane	FB	Ave	38929 1517151	158551	394309	845238	1214552	5.00 200	20.0	50.0	100	150
Ethyl methacrylate	CBZ	Ave	51637 2138877	240414	584720	1240585	1799945	5.00 200	20.0	50.0	100	150
Dibromochloromethane	CBZ	Ave	36825 1700475	166148	425392	930739	1370441	5.00 200	20.0	50.0	100	150
1,3-Dichloropropane	CBZ	Ave	61834 2494858	255077	645934	1351436	2002044	5.00 200	20.0	50.0	100	150
1,2-Dibromoethane	CBZ	Ave	45999 1722034	190739	466277	985519	1427190	5.00 200	20.0	50.0	100	150
2-Hexanone	CBZ	Ave	37712 1386716	160701	378145	810553	1139125	5.00 200	20.0	50.0	100	150
Chlorobenzene	CBZ	Ave	95164 3716560	355343	880496	1956719	2901837	5.00 200	20.0	50.0	100	150
1-Chlorohexane	CBZ	Ave	49741 1538060	145283	443111	998520	1308344	5.00 200	20.0	50.0	100	150
Ethylbenzene	CBZ	Ave	44054 1695162	148883	383795	916118	1363913	5.00 200	20.0	50.0	100	150
1,1,1,2-Tetrachloroethane	CBZ	Ave	32186 1339699	125343	327147	708051	1066021	5.00 200	20.0	50.0	100	150
m&p-Xylene	CBZ	Ave	107748 4076881	386634	969815	2255724	3285181	10.0 400	40.0	100	200	300
o-Xylene	CBZ	Ave	54092 2083893	202052	496397	1101946	1673186	5.00 200	20.0	50.0	100	150
Styrene	CBZ	Ave	96785 3750672	372666	948308	2004000	2920946	5.00 200	20.0	50.0	100	150
Bromoform	CBZ	Ave	27869 1277753	125558	329103	696723	1001654	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Isopropylbenzene	DCB	Ave	108568 4098611	352195	905037	2153622	3258920	5.00 200	20.0	50.0	100	150
Bromobenzene	DCB	Ave	38514 1562651	155079	385077	828227	1244719	5.00 200	20.0	50.0	100	150
N-Propylbenzene	DCB	Ave	132118 5208614	474633	1158125	2662017	4107211	5.00 200	20.0	50.0	100	150
1,1,2,2-Tetrachloroethane	DCB	Ave	59719 2167902	249528	596064	1233143	1701722	5.00 200	20.0	50.0	100	150
4-Ethyltoluene	DCB	Ave	111762 4207947	386037	942351	2204183	3283137	5.00 200	20.0	50.0	100	150
2-Chlorotoluene	DCB	Ave	101799 3936334	375549	920596	2075845	3084044	5.00 200	20.0	50.0	100	150
1,2,3-Trichloropropane	DCB	Ave	14135 559011	65230	158059	321343	453613	5.00 200	20.0	50.0	100	150
1,3,5-Trimethylbenzene	DCB	Ave	88898 3351850	322081	791667	1761903	2662802	5.00 200	20.0	50.0	100	150
trans-1,4-Dichloro-2-butene	DCB	Ave	22258 1006523	112425	262074	578120	785175	10.0 400	40.0	100	200	300
4-Chlorotoluene	DCB	Ave	98458 3791814	361494	859121	1942282	2843447	5.00 200	20.0	50.0	100	150
tert-Butylbenzene	DCB	Ave	67060 2518736	220046	560161	1273155	1937418	5.00 200	20.0	50.0	100	150
1,2,4-Trimethylbenzene	DCB	Ave	94322 3526362	346879	822482	1836950	2801279	5.00 200	20.0	50.0	100	150
sec-Butylbenzene	DCB	Ave	113658 3779930	381709	917935	2110869	2922834	5.00 200	20.0	50.0	100	150
4-Isopropyltoluene	DCB	Ave	88460 2996790	287035	701028	1603301	2413892	5.00 200	20.0	50.0	100	150
1,3-Dichlorobenzene	DCB	Ave	55903 2263688	217169	518396	1155407	1750314	5.00 200	20.0	50.0	100	150
1,4-Dichlorobenzene	DCB	Ave	60868 2432821	228760	562703	1214324	1768429	5.00 200	20.0	50.0	100	150
p-Diethylbenzene	FB	Ave	46030 1472321	149551	362463	801804	1219211	5.00 200	20.0	50.0	100	150
Benzyl chloride	DCB	Ave	16094 758702	73237	182349	393552	590254	5.00 200	20.0	50.0	100	150
n-Butylbenzene	DCB	Ave	122797 3101463	425663	902790	1978580	3392803	5.00 200	20.0	50.0	100	150
1,2-Dichlorobenzene	DCB	Ave	54943 2253255	225640	542923	1166837	1742587	5.00 200	20.0	50.0	100	150
1,2,4,5-Tetramethylbenzene	FB	Ave	88716 2764336	305560	727486	1500308	2253795	5.00 200	20.0	50.0	100	150

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50803

SDG No.:

Instrument ID: MSL GC Column: RTX-VMS ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/12/2011 18:48 Calibration End Date: 05/12/2011 20:49 Calibration ID: 10650

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dibromo-3-Chloropropane	DCB	Ave	6879 316273	34674	80945	175397	257242	5.00 200	20.0	50.0	100	150
Nitrobenzene	DCB	Ave	44237 1681212	177392	498519	1039191	1520702	50.0 2000	200	500	1000	1500
Hexachlorobutadiene	DCB	Qua	32882 393675	68982	135502	241807	333598	5.00 200	20.0	50.0	100	150
1,2,4-Trichlorobenzene	DCB	Ave	40102 1251952	142916	345792	704086	1031437	5.00 200	20.0	50.0	100	150
Naphthalene	DCB	Ave	143502 3884722	485770	1137078	2392197	3326685	5.00 200	20.0	50.0	100	150
1,2,3-Trichlorobenzene	DCB	Ave	42626 1181841	141306	338832	696665	1014893	5.00 200	20.0	50.0	100	150
Dibromofluoromethane	FB	Lin	39414 1617084	157949	386182	882950	1320555	5.00 200	20.0	50.0	100	150
1,2-Dichloroethane-d4 (Surr)	FB	Lin	36496 1472769	158087	368806	805871	1202877	5.00 200	20.0	50.0	100	150
Toluene-d8 (Surr)	CBZ	Lin	130213 4842611	442143	1113064	2676170	4012291	5.00 200	20.0	50.0	100	150
4-Bromofluorobenzene	DCB	Lin	44825 1766641	184200	419134	952124	1385977	5.00 200	20.0	50.0	100	150

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119576.b\L9576.D
Lab Smp Id: IC;200 Client Smp ID: IC;200
Inj Date : 12-MAY-2011 18:48 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;200
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119576.b\L8260BNW.m
Meth Date : 12-May-2011 22:34 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 18:48 Cal File: L9576.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.212	4.205	(1.000)	903577	25.0000	
2	Dichlorodifluoromethane	85	0.984	0.987	(0.234)	1136585	200.000	200
3	Chloromethane	50	1.082	1.085	(0.257)	1680305	200.000	210(A)
4	Vinyl Chloride	62	1.112	1.115	(0.264)	1407205	200.000	220(A)
5	Bromomethane	94	1.259	1.272	(0.299)	431331	200.000	190(M)
6	Chloroethane	64	1.308	1.322	(0.311)	363137	200.000	120(M)
7	Trichlorofluoromethane	101	1.377	1.381	(0.327)	1641736	200.000	190
8	Dichlorofluoromethane	67	1.397	1.400	(0.332)	1763134	200.000	200
9	Ethyl Ether	45	1.515	1.518	(0.360)	764831	200.000	200
10	Ethanol	45	1.574	1.577	(0.374)	729279	2000.00	2100(A)
12	Freon 123	67	1.633	1.637	(0.388)	344117	200.000	200(M)
13	Trichlorotrifluoroethane	101	1.633	1.637	(0.388)	1315625	200.000	190
14	1,1-Dichloroethene	96	1.623	1.627	(0.386)	1195927	200.000	210(A)
15	Carbon Disulfide	76	1.653	1.656	(0.393)	4733896	200.000	200
16	Iodomethane	142	1.712	1.715	(0.407)	1487350	200.000	200(AM)
17	Acrolein	56	1.801	1.804	(0.428)	4155917	1000.00	910
19	3-Chloro-1-Propene	41	1.870	1.873	(0.444)	2284787	200.000	210(A)
20	Methylene Chloride	84	1.938	1.942	(0.460)	1690255	200.000	200
21	Acetone	43	1.958	1.961	(0.465)	709442	200.000	210(A)
22	trans-1,2-Dichloroethene	96	2.027	2.030	(0.481)	1525698	200.000	210(A)
23	Methyl Acetate	43	2.017	2.020	(0.479)	7526932	200.000	180
24	Methyl tert-Butyl Ether	73	2.076	2.079	(0.493)	4157357	200.000	190

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.125	2.129	(0.505)	966729	1000.00	860
	26 Acetonitrile	41	2.253	2.257	(0.535)	5603655	2000.00	1900(M)
	27 Isopropyl ether	45	2.312	2.316	(0.549)	5372290	200.000	200
	28 tert-Butyl ethyl ether	59	2.578	2.581	(0.612)	4521929	200.000	190
	29 2-Chloro-1,3-Butadiene	88	2.411	2.414	(0.572)	1323357	200.000	190
	30 Acrylonitrile	53	2.460	2.463	(0.584)	1438381	400.000	370
	31 1,1-Dichloroethane	63	2.421	2.424	(0.575)	2490438	200.000	200(A)
	32 Vinyl Acetate	43	2.598	2.601	(0.617)	9112425	200.000	180
	33 cis-1,2-Dichloroethene	96	2.844	2.847	(0.675)	1762268	200.000	200(A)
	34 2,2-Dichloropropane	77	2.933	2.936	(0.696)	1941817	200.000	220(A)
	35 Bromochloromethane	128	3.021	3.024	(0.717)	869636	200.000	200
	37 Cyclohexane	84	3.021	3.024	(0.717)	1515291	200.000	200(A)
	38 Chloroform	83	3.080	3.083	(0.731)	2645286	200.000	210(A)
	39 Ethyl Acetate	43	3.198	3.202	(0.759)	281534	400.000	390(M)
	40 Methyl Acrylate	55	3.208	3.211	(0.762)	1667657	200.000	190
$	41 Dibromofluoromethane	111	3.257	3.261	(0.773)	1617084	200.000	200
	42 Tetrahydrofuran	42	3.238	3.241	(0.769)	1243096	400.000	370
	43 Carbon Tetrachloride	117	3.218	3.221	(0.764)	1540032	200.000	200
	44 1,1,1-Trichloroethane	97	3.287	3.290	(0.780)	2068667	200.000	200
	45 2-Butanone	43	3.385	3.389	(0.804)	1036180	200.000	200(A)
	46 1,1-Dichloropropene	75	3.415	3.418	(0.811)	1840915	200.000	190
	47 tert-Amyl methyl ether	73	3.828	3.831	(0.909)	4335318	200.000	200
	49 1-Chlorobutane	56	3.464	3.467	(0.822)	2586201	200.000	220(A)
	51 Propionitrile	54	3.730	3.723	(0.886)	2659911	2000.00	1800
	52 Benzene	78	3.681	3.684	(0.874)	5646082	200.000	210(A)
	53 2-Methyl-2-Propenenitrile	41	3.749	3.743	(0.890)	1196886	200.000	190(M)
	54 Isobutyl alcohol	42	4.005	3.999	(0.951)	1192764	2000.00	1600(M)
$	55 1,2-Dichloroethane-d4	65	3.848	3.851	(0.914)	1472769	200.000	200
	56 1,2-Dichloroethane	62	3.936	3.940	(0.935)	1774106	200.000	200(A)
	59 Methyl Cyclohexane	83	4.399	4.402	(1.044)	1322088	200.000	210(A)
	60 Trichloroethene	130	4.429	4.422	(1.051)	1465333	200.000	200
	63 Dibromomethane	93	4.911	4.914	(1.166)	1262928	200.000	200(A)
	64 1,2-Dichloropropane	63	5.029	5.032	(1.194)	1534255	200.000	200(A)
	65 Bromodichloromethane	83	5.118	5.121	(1.215)	2078547	200.000	210(A)
	66 Methyl Methacrylate	69	5.334	5.337	(1.266)	1237861	200.000	190
	67 1,4-Dioxane	58	5.354	5.357	(1.271)	314103	2000.00	1700
	69 2-Chloroethylvinylether	63	5.767	5.770	(1.369)	2479341	200.000	190
	70 cis-1,3-Dichloropropene	75	5.807	5.800	(1.379)	2527293	200.000	210(A)
	71 Chloroacetonitrile	48	6.220	6.223	(1.477)	797088	2000.00	1900
	72 2-Nitropropane	41	6.279	6.272	(1.491)	924689	400.000	400
	73 trans-1,3-Dichloropropene	75	6.476	6.469	(1.537)	2328761	200.000	200(A)
	74 1,1,2-Trichloroethane	97	6.623	6.617	(1.572)	1517151	200.000	200
*	75 Chlorobenzene-d5	117	7.460	7.463	(1.000)	677933	25.0000	
	76 Toluene	91	6.043	6.036	(0.810)	5835066	200.000	210(A)
$	77 Toluene-d8	98	5.994	5.987	(0.803)	4842611	200.000	190
	78 1,1-Dichloro-2-propanone	43	6.289	6.292	(0.843)	5027338	1000.00	930
	79 4-Methyl-2-Pentanone	43	6.446	6.450	(0.864)	1836709	200.000	180
	80 Tetrachloroethene	164	6.417	6.410	(0.860)	1007785	200.000	200
	81 Ethyl Methacrylate	69	6.663	6.666	(0.893)	2138877	200.000	190
	82 Dibromochloromethane	129	6.781	6.774	(0.909)	1700475	200.000	210(A)
	83 1,3-Dichloropropane	76	6.869	6.873	(0.921)	2494858	200.000	200(A)
	84 1,2-Dibromoethane	107	6.978	6.971	(0.935)	1722034	200.000	190
	86 2-Hexanone	43	7.244	7.247	(0.971)	1386716	200.000	190
	87 1-Chlorohexane	91	7.490	7.493	(1.004)	1538060	200.000	180(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	88 Chlorobenzene	112	7.480	7.473	(1.003)	3716560	200.000	210(A)
	89 1,1,1,2-Tetrachloroethane	131	7.549	7.552	(1.012)	1339699	200.000	210(A)
	90 Ethylbenzene	106	7.519	7.522	(1.008)	1695162	200.000	210(A)
	91 Xylene (total)mp	106	7.657	7.660	(1.026)	4076881	400.000	410(A)
	92 Xylene (total)o	106	8.041	8.034	(1.078)	2083893	200.000	200(A)
	93 Styrene	104	8.090	8.083	(1.084)	3750672	200.000	200(A)
	94 Bromoform	173	8.100	8.093	(1.086)	1277753	200.000	210(A)
*	95 1,4-Dichlorobenzene-d4	152	9.527	9.530	(1.000)	321933	25.0000	
	96 Isopropylbenzene	105	8.326	8.320	(0.874)	4098611	200.000	200
	97 Bromobenzene	156	8.641	8.635	(0.907)	1562651	200.000	190
	98 1,1,2,2-Tetrachloroethane	83	8.769	8.763	(0.920)	2167902	200.000	180
	99 4-Ethyltoluene	105	8.789	8.792	(0.923)	4207947	200.000	190
	100 1,2,3-Trichloropropane	110	8.868	8.861	(0.931)	559011	200.000	180
	101 trans-1,4-Dichloro-2-Butene	53	8.917	8.910	(0.936)	1006523	400.000	370
	102 n-Propylbenzene	91	8.690	8.684	(0.912)	5208614	200.000	200
	103 2-Chlorotoluene	91	8.808	8.802	(0.925)	3936334	200.000	190
	104 4-Chlorotoluene	91	8.956	8.950	(0.940)	3791814	200.000	200
	105 1,3,5-Trimethylbenzene	105	8.868	8.871	(0.931)	3351850	200.000	190
	106 tert-Butylbenzene	119	9.133	9.137	(0.959)	2518736	200.000	200
	107 1,2,4-Trimethylbenzene	105	9.202	9.196	(0.966)	3526362	200.000	190
	108 sec-Butylbenzene	105	9.291	9.294	(0.975)	3779930	200.000	180
	109 4-Isopropyltoluene	119	9.429	9.422	(0.990)	2996790	200.000	190
	110 1,3-Dichlorobenzene	146	9.468	9.461	(0.994)	2263688	200.000	200
	111 1,4-Dichlorobenzene	146	9.547	9.540	(1.002)	2432821	200.000	200
	112 1,2-Dichlorobenzene	146	9.901	9.904	(1.039)	2253255	200.000	190
	113 Benzyl Chloride	126	9.763	9.766	(1.025)	758702	200.000	200
	114 1,4-Diethylbenzene	119	9.744	9.737	(2.313)	1472321	200.000	190
	115 n-Butylbenzene	91	9.783	9.786	(1.027)	3101463	200.000	91(M)
	118 1,2,4,5-Tetramethylbenzene	119	10.442	10.446	(2.479)	2764336	200.000	190
	119 1,2-Dibromo-3-chloropropane	75	10.600	10.603	(1.113)	316273	200.000	190
	120 Nitrobenzene	77	11.092	11.085	(1.164)	1681212	2000.00	1700
	121 1,2,4-Trichlorobenzene	180	11.190	11.194	(1.175)	1251952	200.000	170
	122 Hexachlorobutadiene	225	11.181	11.184	(1.174)	393675	200.000	190
	123 Naphthalene	128	11.466	11.469	(1.204)	3884722	200.000	160
	124 1,2,3-Trichlorobenzene	180	11.633	11.637	(1.221)	1181841	200.000	160
$	125 Bromofluorobenzene	95	8.562	8.556	(0.899)	1766641	200.000	190
M	126 1,2-Dichloroethene (total)	100				3287966	400.000	410
M	127 Xylene (total)	100				6160774	600.000	610

QC Flag Legend

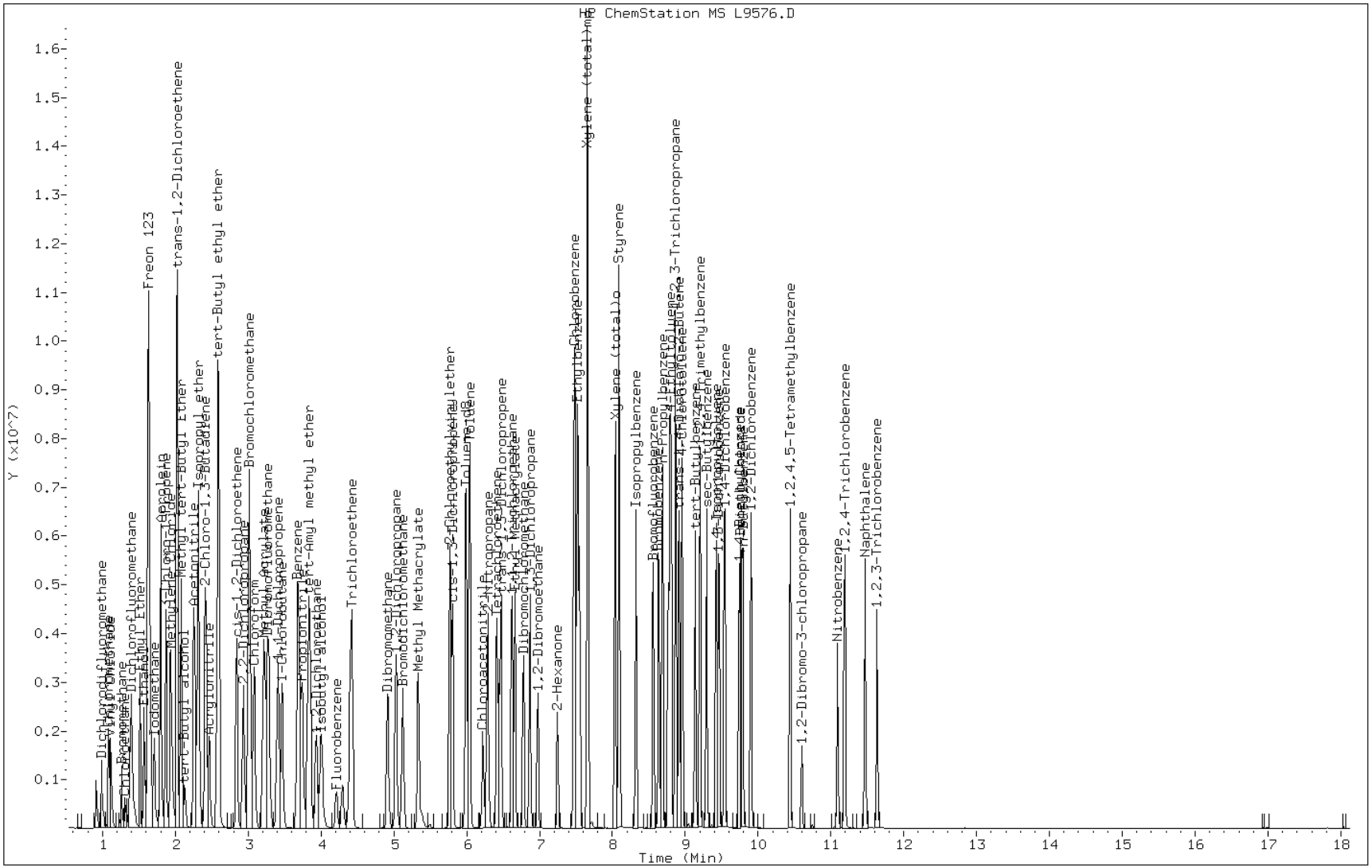
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: L9576.D

Date: 12-MAY-2011 18:48

Client ID: IC;200 Instrument: msl.i

Sample Info: IC;200 Operator: E. LYNCH



Manual Integration Report

Data File: L9576.D
Inj. Date and Time: 12-MAY-2011 18:48
Instrument ID: msl.i
Client ID: IC;200
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/18/2011

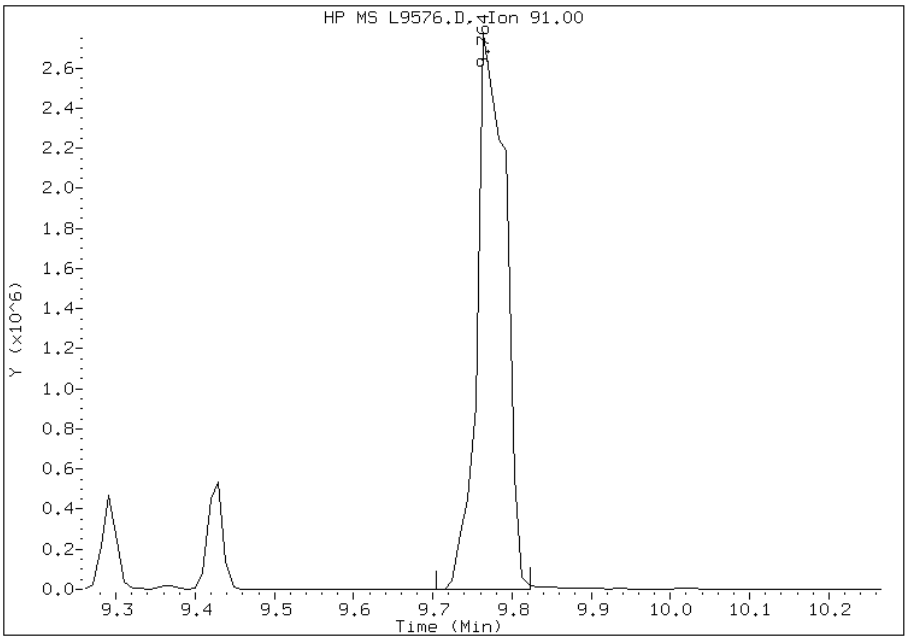
Processing Integration Results

RT: 9.76

Response: 7109777

Amount: 183

Conc: 183



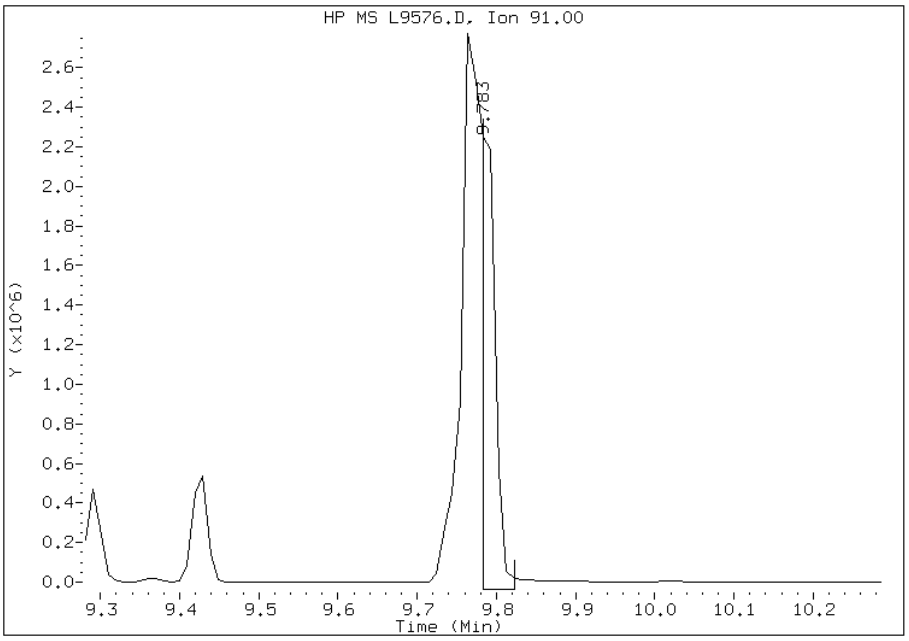
Manual Integration Results

RT: 9.78

Response: 3101463

Amount: 91

Conc: 91



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9576.D
Inj. Date and Time: 12-MAY-2011 18:48
Instrument ID: msl.i
Client ID: IC;200
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/18/2011

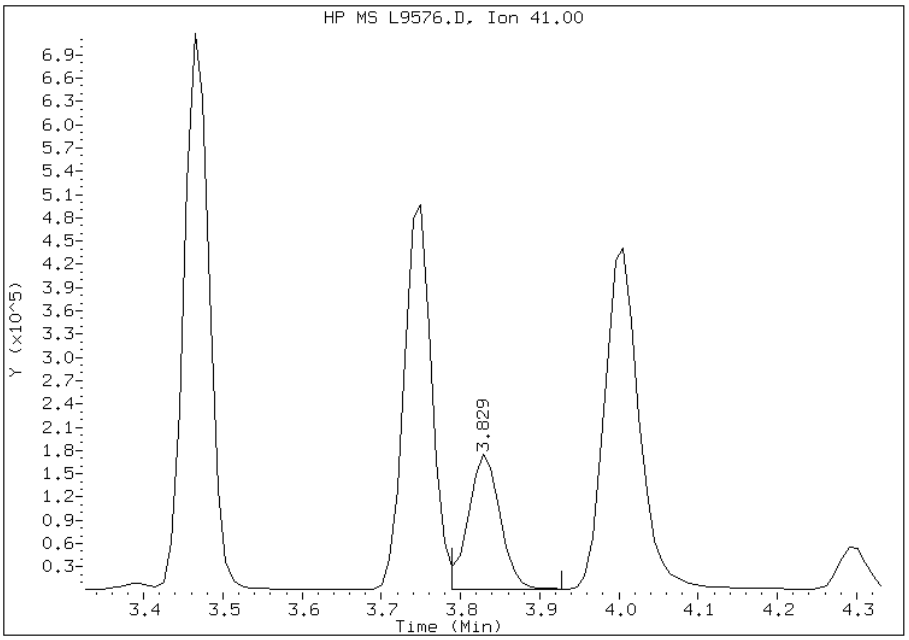
Processing Integration Results

RT: 3.83

Response: 491756

Amount: 190

Conc: 190



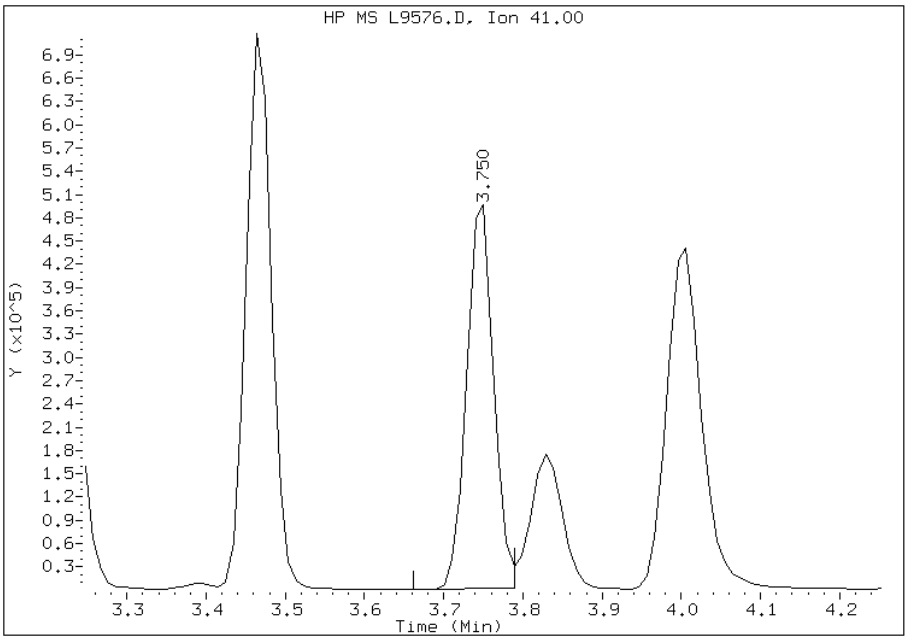
Manual Integration Results

RT: 3.75

Response: 1196886

Amount: 193

Conc: 193



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9576.D
Inj. Date and Time: 12-MAY-2011 18:48
Instrument ID: msl.i
Client ID: IC;200
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 05/18/2011

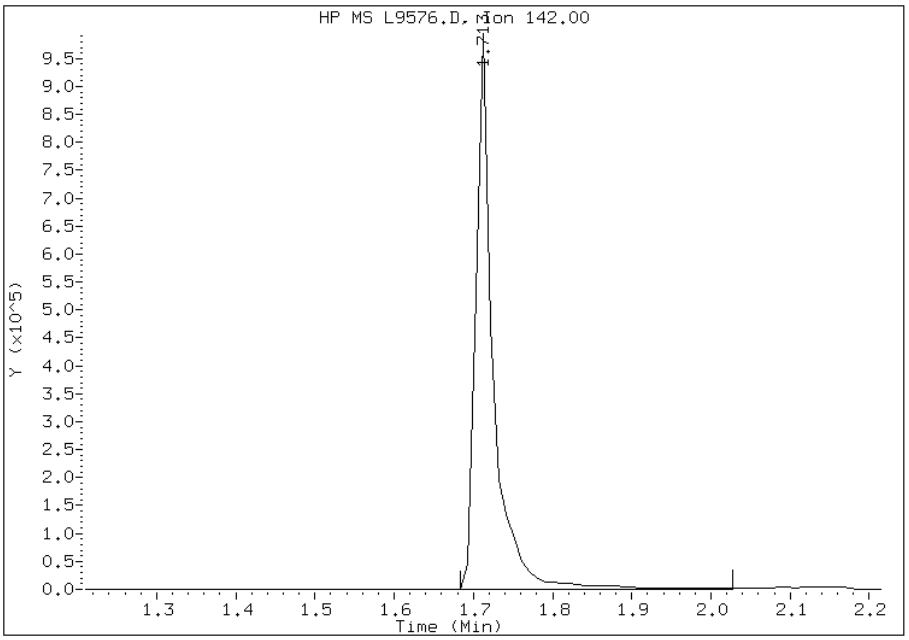
Processing Integration Results

RT: 1.71

Response: 1584124

Amount: 201

Conc: 201



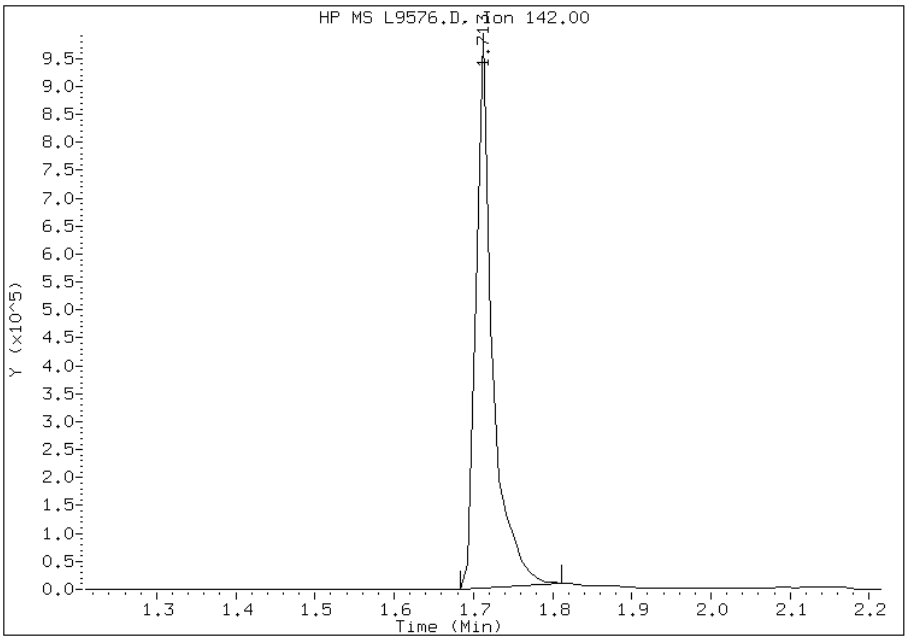
Manual Integration Results

RT: 1.71

Response: 1487350

Amount: 201

Conc: 201



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9576.D
Inj. Date and Time: 12-MAY-2011 18:48
Instrument ID: msl.i
Client ID: IC;200
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/18/2011

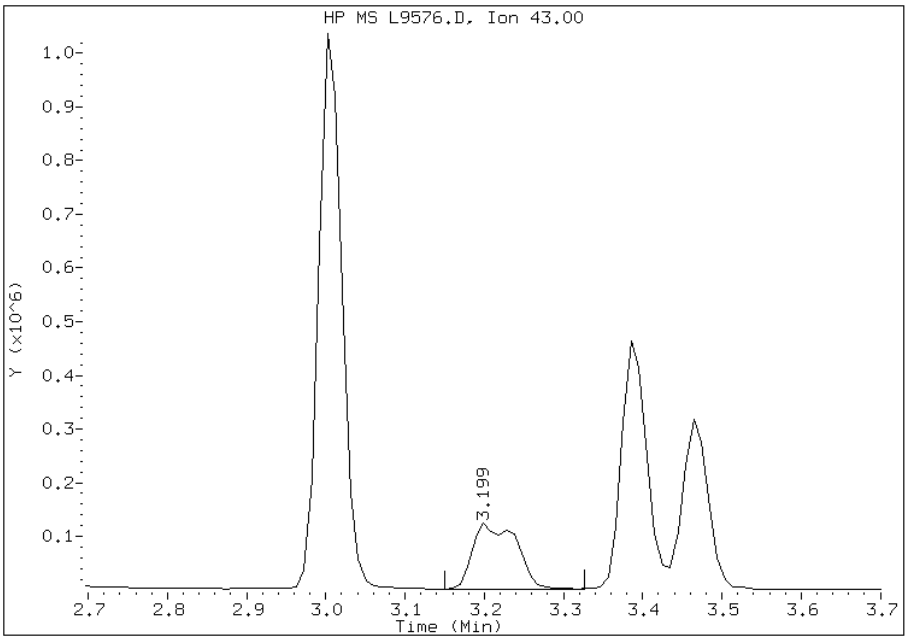
Processing Integration Results

RT: 3.20

Response: 471001

Amount: 367

Conc: 367



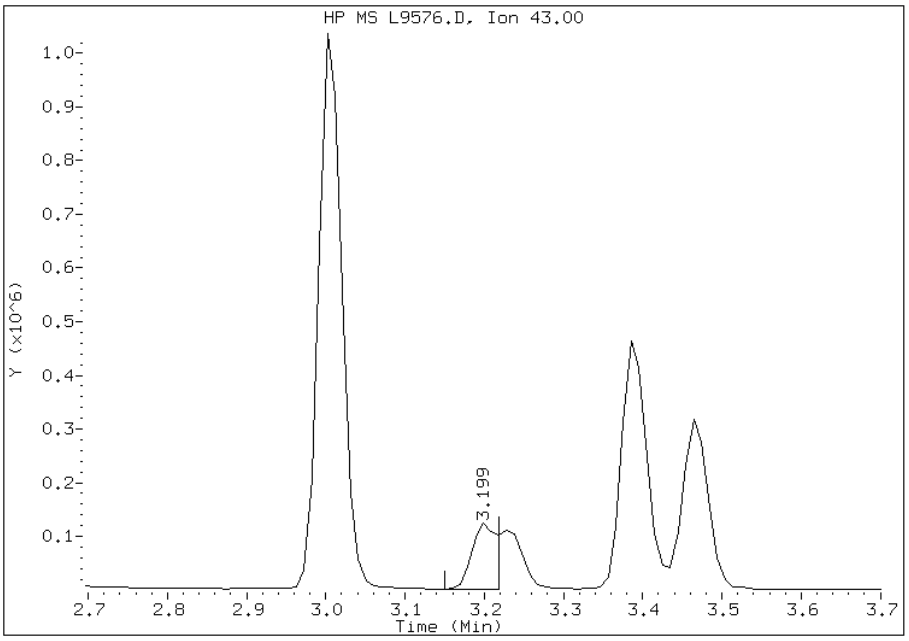
Manual Integration Results

RT: 3.20

Response: 281534

Amount: 387

Conc: 387



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9576.D
Inj. Date and Time: 12-MAY-2011 18:48
Instrument ID: msl.i
Client ID: IC;200
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 05/18/2011

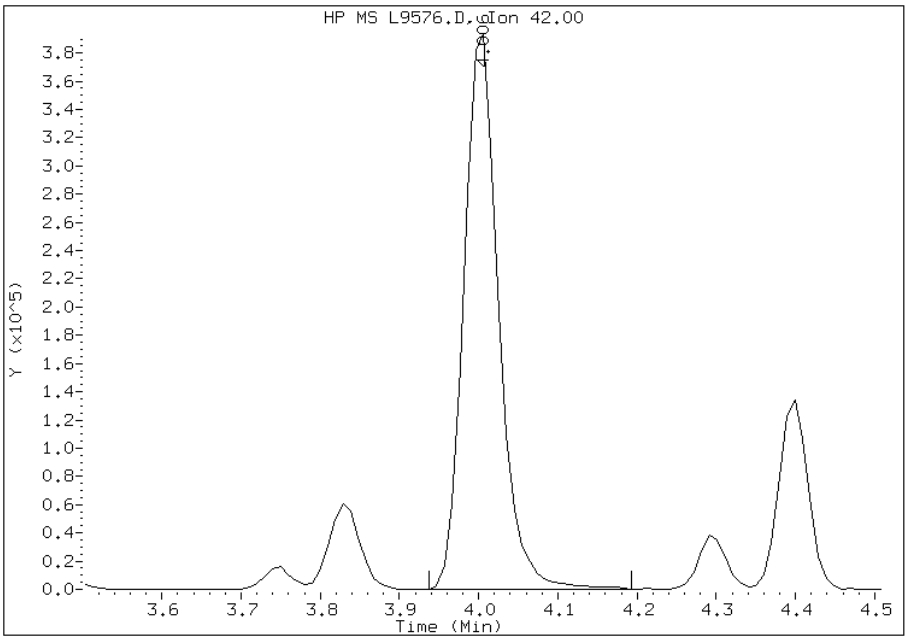
Processing Integration Results

RT: 4.01

Response: 1218389

Amount: 1675

Conc: 1675



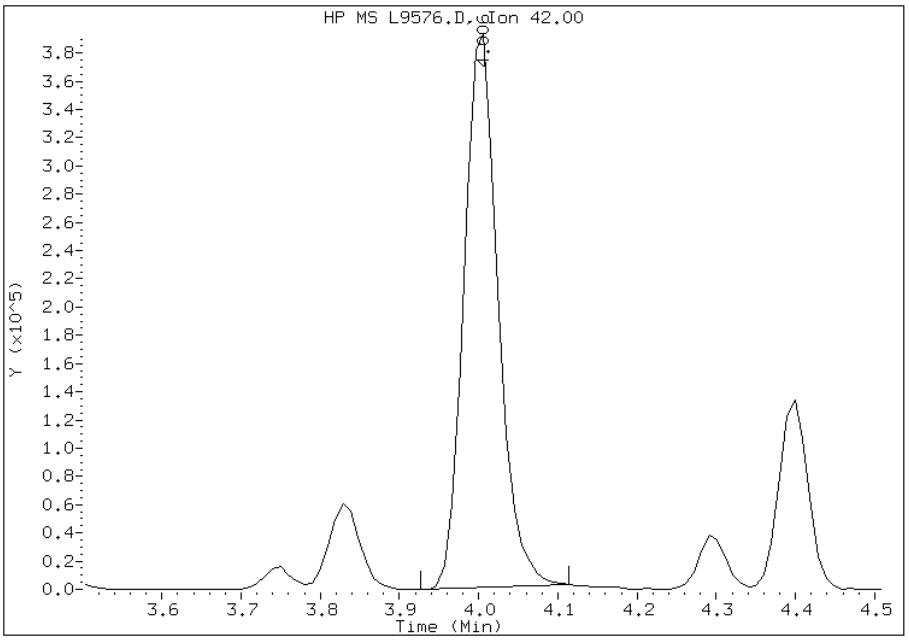
Manual Integration Results

RT: 4.01

Response: 1192764

Amount: 1658

Conc: 1658



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9576.D
Inj. Date and Time: 12-MAY-2011 18:48
Instrument ID: msl.i
Client ID: IC;200
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/18/2011

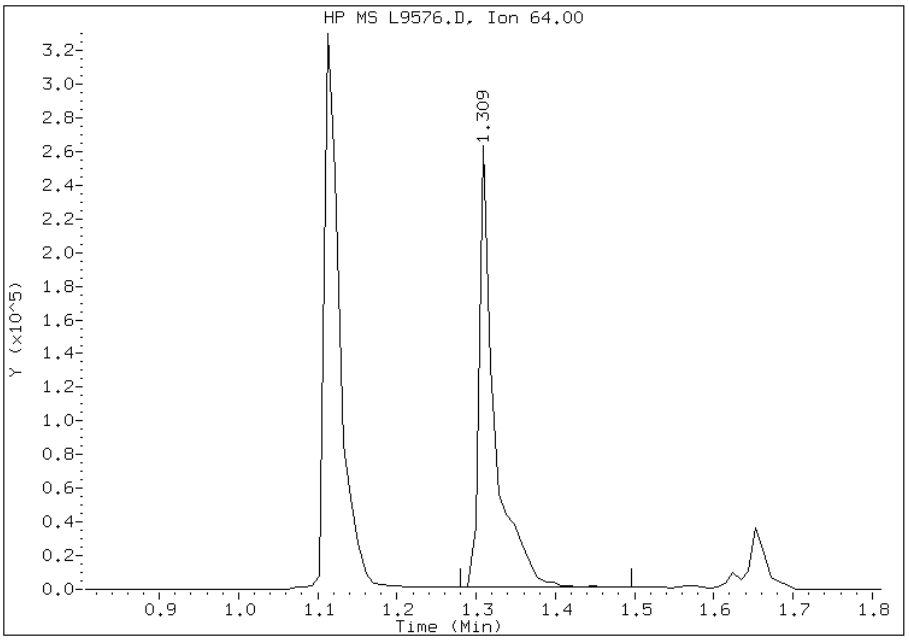
Processing Integration Results

RT: 1.31

Response: 368503

Amount: 122

Conc: 122



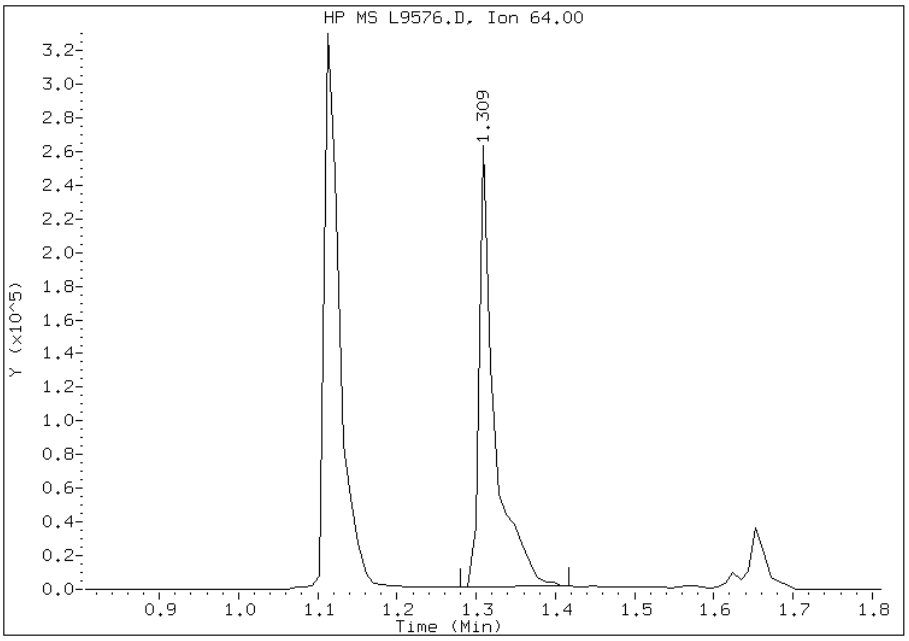
Manual Integration Results

RT: 1.31

Response: 363137

Amount: 123

Conc: 123



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9576.D
Inj. Date and Time: 12-MAY-2011 18:48
Instrument ID: msl.i
Client ID: IC;200
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/18/2011

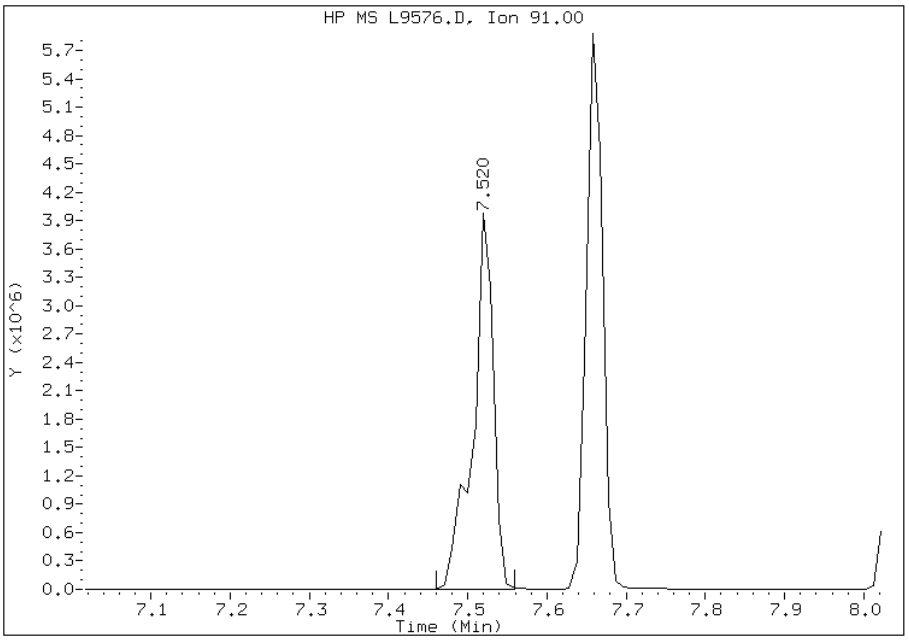
Processing Integration Results

RT: 7.52

Response: 7284265

Amount: 233

Conc: 233



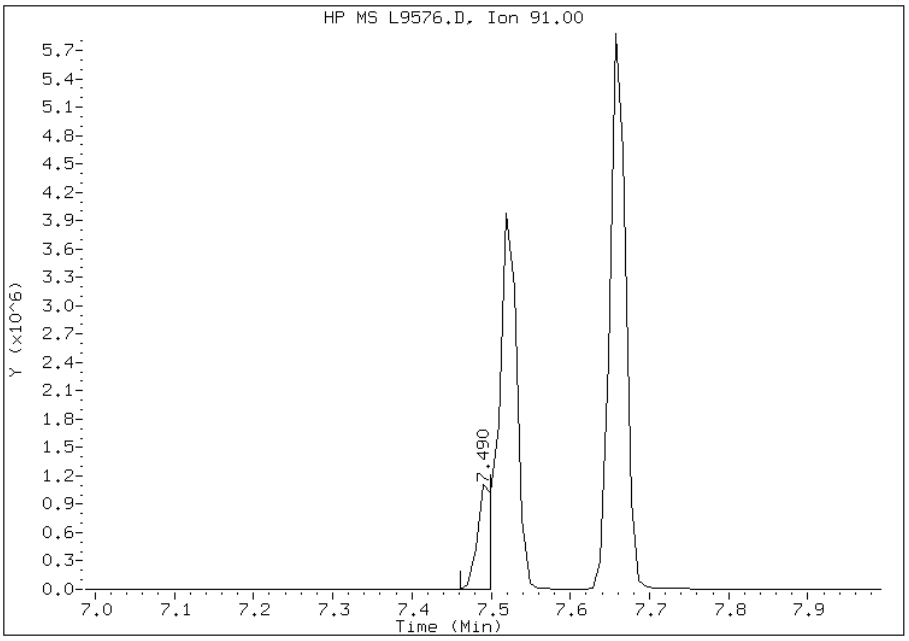
Manual Integration Results

RT: 7.49

Response: 1538060

Amount: 183

Conc: 183



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9576.D
Inj. Date and Time: 12-MAY-2011 18:48
Instrument ID: msl.i
Client ID: IC;200
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/18/2011

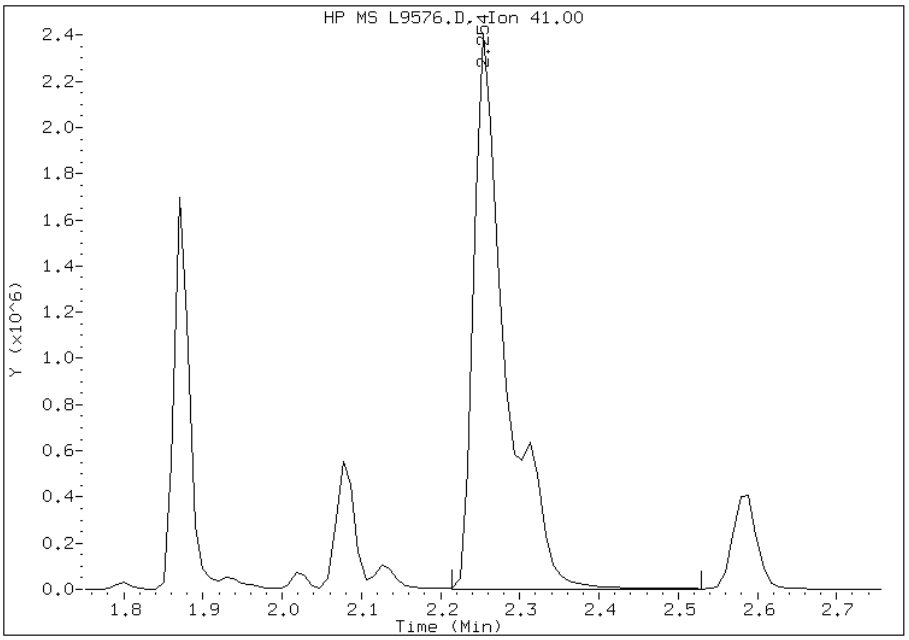
Processing Integration Results

RT: 2.25

Response: 6927808

Amount: 1811

Conc: 1811



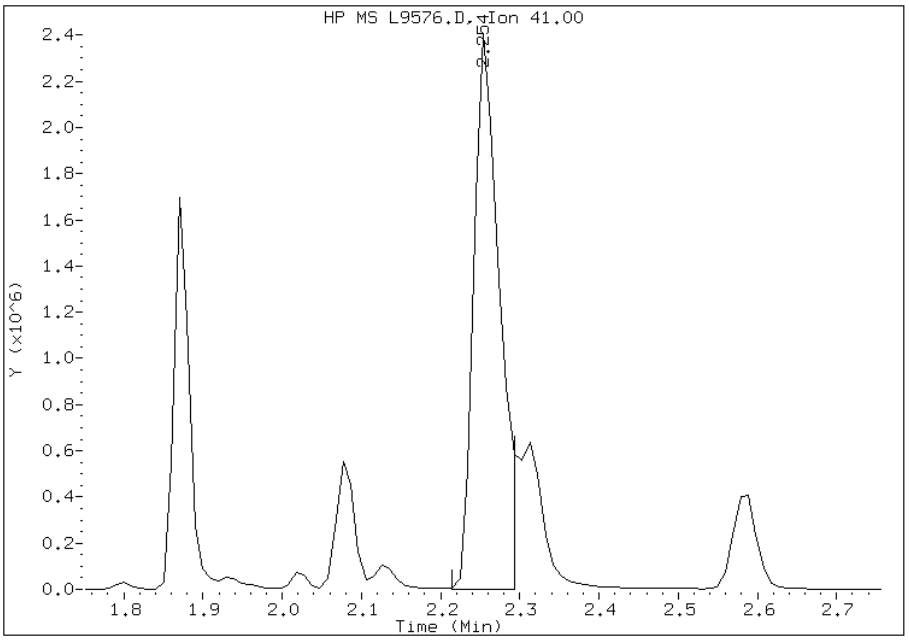
Manual Integration Results

RT: 2.25

Response: 5603655

Amount: 1904

Conc: 1904



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9576.D
Inj. Date and Time: 12-MAY-2011 18:48
Instrument ID: msl.i
Client ID: IC;200
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/18/2011

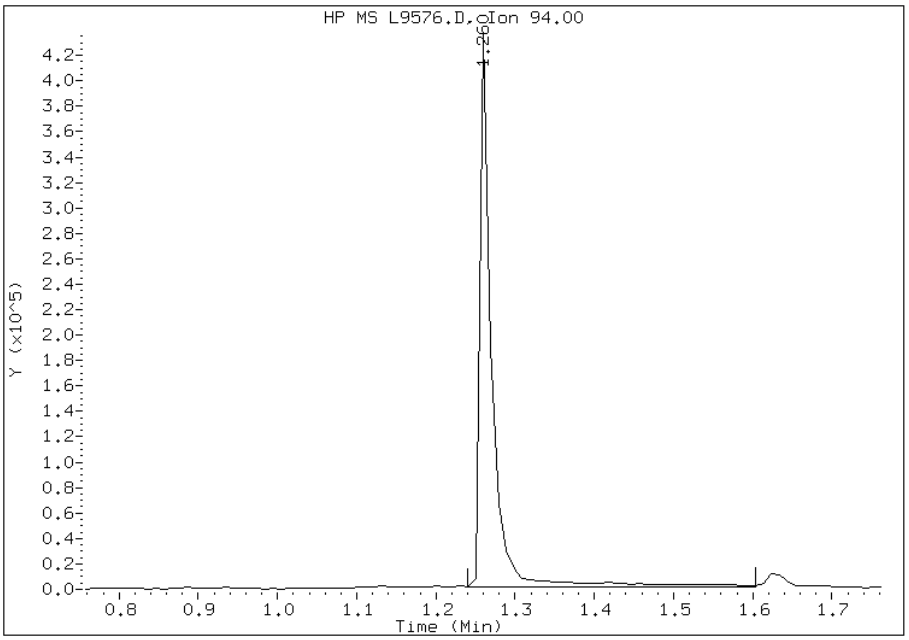
Processing Integration Results

RT: 1.26

Response: 482805

Amount: 188

Conc: 188



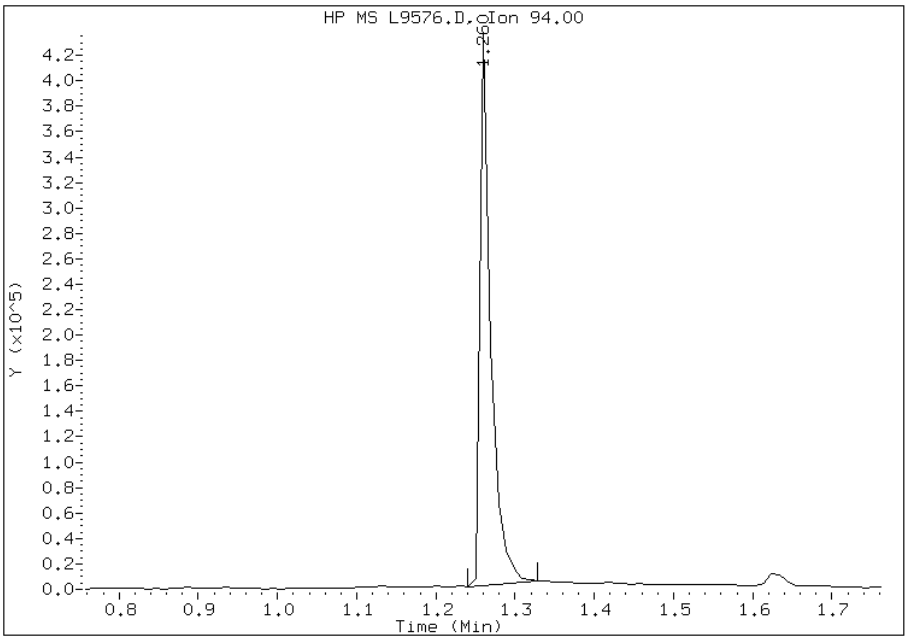
Manual Integration Results

RT: 1.26

Response: 431331

Amount: 193

Conc: 193



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119576.b\L9577.D
Lab Smp Id: IC;150 Client Smp ID: IC;150
Inj Date : 12-MAY-2011 19:12 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;150
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119576.b\L8260BNW.m
Meth Date : 12-May-2011 22:34 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 19:12 Cal File: L9577.D
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.213	4.213	(1.000)	957569	25.0000	
2	Dichlorodifluoromethane	85	0.984	0.984	(0.234)	950795	150.000	160
3	Chloromethane	50	1.083	1.083	(0.257)	1431688	150.000	170
4	Vinyl Chloride	62	1.112	1.112	(0.264)	1172411	150.000	170
5	Bromomethane	94	1.260	1.260	(0.299)	401020	150.000	160(M)
6	Chloroethane	64	1.309	1.309	(0.311)	376163	150.000	120(M)
7	Trichlorofluoromethane	101	1.378	1.378	(0.327)	1388396	150.000	150
8	Dichlorofluoromethane	67	1.398	1.398	(0.332)	1448513	150.000	150
9	Ethyl Ether	45	1.516	1.516	(0.360)	607270	150.000	150
10	Ethanol	45	1.575	1.575	(0.374)	562545	1500.00	1500
12	Freon 123	67	1.634	1.634	(0.388)	287001	150.000	160(M)
13	Trichlorotrifluoroethane	101	1.634	1.634	(0.388)	1109094	150.000	160
14	1,1-Dichloroethene	96	1.624	1.624	(0.386)	985580	150.000	160
15	Carbon Disulfide	76	1.653	1.653	(0.393)	3890380	150.000	150
16	Iodomethane	142	1.713	1.713	(0.407)	1156204	150.000	150(M)
17	Acrolein	56	1.801	1.801	(0.428)	3581801	750.000	740
19	3-Chloro-1-Propene	41	1.870	1.870	(0.444)	1839827	150.000	160
20	Methylene Chloride	84	1.939	1.939	(0.460)	1381715	150.000	150
21	Acetone	43	1.959	1.959	(0.465)	547977	150.000	150
22	trans-1,2-Dichloroethene	96	2.027	2.027	(0.481)	1244454	150.000	160
23	Methyl Acetate	43	2.018	2.018	(0.479)	6315847	150.000	140
24	Methyl tert-Butyl Ether	73	2.077	2.077	(0.493)	3398892	150.000	150

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.126	2.126	(0.505)	820435	750.000	690
	26 Acetonitrile	41	2.254	2.254	(0.535)	4552957	1500.00	1500(M)
	27 Isopropyl ether	45	2.313	2.313	(0.549)	4476611	150.000	160
	28 tert-Butyl ethyl ether	59	2.579	2.579	(0.612)	3832674	150.000	160
	29 2-Chloro-1,3-Butadiene	88	2.411	2.411	(0.572)	1142511	150.000	160
	30 Acrylonitrile	53	2.461	2.461	(0.584)	1211298	300.000	300
	31 1,1-Dichloroethane	63	2.421	2.421	(0.575)	2134181	150.000	160
	32 Vinyl Acetate	43	2.598	2.598	(0.617)	8065492	150.000	150
	33 cis-1,2-Dichloroethene	96	2.844	2.844	(0.675)	1450438	150.000	160
	34 2,2-Dichloropropane	77	2.933	2.933	(0.696)	1595878	150.000	170
	35 Bromochloromethane	128	3.022	3.022	(0.717)	689395	150.000	150
	37 Cyclohexane	84	3.022	3.022	(0.717)	1196468	150.000	150
	38 Chloroform	83	3.081	3.081	(0.731)	2172839	150.000	160
	39 Ethyl Acetate	43	3.199	3.199	(0.759)	239904	300.000	310(M)
	40 Methyl Acrylate	55	3.209	3.209	(0.762)	1387155	150.000	150
$	41 Dibromofluoromethane	111	3.258	3.258	(0.773)	1320555	150.000	150
	42 Tetrahydrofuran	42	3.228	3.228	(0.766)	1031477	300.000	290
	43 Carbon Tetrachloride	117	3.218	3.218	(0.764)	1256445	150.000	150
	44 1,1,1-Trichloroethane	97	3.287	3.287	(0.780)	1698772	150.000	150
	45 2-Butanone	43	3.386	3.386	(0.804)	817891	150.000	150
	46 1,1-Dichloropropene	75	3.405	3.405	(0.808)	1561994	150.000	160
	47 tert-Amyl methyl ether	73	3.829	3.829	(0.909)	3610162	150.000	150
	49 1-Chlorobutane	56	3.464	3.464	(0.822)	2085407	150.000	170
	51 Propionitrile	54	3.720	3.720	(0.883)	2192537	1500.00	1400
	52 Benzene	78	3.681	3.681	(0.874)	4540160	150.000	160
	53 2-Methyl-2-Propenenitrile	41	3.740	3.740	(0.888)	1022064	150.000	150(M)
	54 Isobutyl alcohol	42	3.996	3.996	(0.949)	1095924	1500.00	1400
$	55 1,2-Dichloroethane-d4	65	3.848	3.848	(0.914)	1202877	150.000	150
	56 1,2-Dichloroethane	62	3.937	3.937	(0.935)	1439907	150.000	160
	59 Methyl Cyclohexane	83	4.400	4.400	(1.044)	1098365	150.000	160
	60 Trichloroethene	130	4.419	4.419	(1.049)	1200047	150.000	150
	63 Dibromomethane	93	4.911	4.911	(1.166)	1034745	150.000	160
	64 1,2-Dichloropropane	63	5.029	5.029	(1.194)	1249099	150.000	160
	65 Bromodichloromethane	83	5.118	5.118	(1.215)	1684030	150.000	160
	66 Methyl Methacrylate	69	5.325	5.325	(1.264)	997395	150.000	150
	67 1,4-Dioxane	58	5.354	5.354	(1.271)	272893	1500.00	1400
	69 2-Chloroethylvinylether	63	5.768	5.768	(1.369)	2166026	150.000	160
	70 cis-1,3-Dichloropropene	75	5.807	5.807	(1.378)	2083667	150.000	160
	71 Chloroacetonitrile	48	6.220	6.220	(1.477)	643678	1500.00	1500
	72 2-Nitropropane	41	6.279	6.279	(1.491)	740679	300.000	300
	73 trans-1,3-Dichloropropene	75	6.476	6.476	(1.537)	1893573	150.000	160
	74 1,1,2-Trichloroethane	97	6.614	6.614	(1.570)	1214552	150.000	150
*	75 Chlorobenzene-d5	117	7.461	7.461	(1.000)	693731	25.0000	
	76 Toluene	91	6.033	6.033	(0.809)	4755930	150.000	170
$	77 Toluene-d8	98	5.984	5.984	(0.802)	4012291	150.000	160
	78 1,1-Dichloro-2-propanone	43	6.289	6.289	(0.843)	4122391	750.000	740
	79 4-Methyl-2-Pentanone	43	6.447	6.447	(0.864)	1574538	150.000	150
	80 Tetrachloroethene	164	6.417	6.417	(0.860)	810264	150.000	160
	81 Ethyl Methacrylate	69	6.663	6.663	(0.893)	1799945	150.000	160
	82 Dibromochloromethane	129	6.781	6.781	(0.909)	1370441	150.000	160
	83 1,3-Dichloropropane	76	6.870	6.870	(0.921)	2002044	150.000	160
	84 1,2-Dibromoethane	107	6.978	6.978	(0.935)	1427190	150.000	160
	86 2-Hexanone	43	7.244	7.244	(0.971)	1139125	150.000	150
	87 1-Chlorohexane	91	7.490	7.490	(1.004)	1308344	150.000	150(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
88	Chlorobenzene	112	7.480	7.480	(1.003)	2901837	150.000	160
89	1,1,1,2-Tetrachloroethane	131	7.549	7.549	(1.012)	1066021	150.000	160
90	Ethylbenzene	106	7.520	7.520	(1.008)	1363913	150.000	160
91	Xylene (total)mp	106	7.657	7.657	(1.026)	3285181	300.000	320
92	Xylene (total)o	106	8.031	8.031	(1.077)	1673186	150.000	160
93	Styrene	104	8.090	8.090	(1.084)	2920946	150.000	150
94	Bromoform	173	8.090	8.090	(1.084)	1001654	150.000	160
* 95	1,4-Dichlorobenzene-d4	152	9.527	9.527	(1.000)	303522	25.0000	
96	Isopropylbenzene	105	8.327	8.327	(0.874)	3258920	150.000	160
97	Bromobenzene	156	8.632	8.632	(0.906)	1244719	150.000	160
98	1,1,2,2-Tetrachloroethane	83	8.760	8.760	(0.919)	1701722	150.000	150
99	4-Ethyltoluene	105	8.789	8.789	(0.923)	3283137	150.000	160
100	1,2,3-Trichloropropane	110	8.858	8.858	(0.930)	453613	150.000	150
101	trans-1,4-Dichloro-2-Butene	53	8.907	8.907	(0.935)	785175	300.000	310
102	n-Propylbenzene	91	8.691	8.691	(0.912)	4107211	150.000	160
103	2-Chlorotoluene	91	8.809	8.809	(0.925)	3084044	150.000	160
104	4-Chlorotoluene	91	8.957	8.957	(0.940)	2843447	150.000	160
105	1,3,5-Trimethylbenzene	105	8.868	8.868	(0.931)	2662802	150.000	160
106	tert-Butylbenzene	119	9.134	9.134	(0.959)	1937418	150.000	160
107	1,2,4-Trimethylbenzene	105	9.203	9.203	(0.966)	2801279	150.000	160
108	sec-Butylbenzene	105	9.291	9.291	(0.975)	2922834	150.000	150
109	4-Isopropyltoluene	119	9.429	9.429	(0.990)	2413892	150.000	160
110	1,3-Dichlorobenzene	146	9.459	9.459	(0.993)	1750314	150.000	160
111	1,4-Dichlorobenzene	146	9.547	9.547	(1.002)	1768429	150.000	150
112	1,2-Dichlorobenzene	146	9.901	9.901	(1.039)	1742587	150.000	160
113	Benzyl Chloride	126	9.764	9.764	(1.025)	590254	150.000	160
114	1,4-Diethylbenzene	119	9.744	9.744	(2.313)	1219211	150.000	150
115	n-Butylbenzene	91	9.783	9.783	(1.027)	3392803	150.000	110(M)
118	1,2,4,5-Tetramethylbenzene	119	10.443	10.443	(2.479)	2253795	150.000	140
119	1,2-Dibromo-3-chloropropane	75	10.600	10.600	(1.113)	257242	150.000	160
120	Nitrobenzene	77	11.092	11.092	(1.164)	1520702	1500.00	1600
121	1,2,4-Trichlorobenzene	180	11.191	11.191	(1.175)	1031437	150.000	150
122	Hexachlorobutadiene	225	11.181	11.181	(1.174)	333598	150.000	160
123	Naphthalene	128	11.466	11.466	(1.204)	3326685	150.000	140
124	1,2,3-Trichlorobenzene	180	11.634	11.634	(1.221)	1014893	150.000	150
$ 125	Bromofluorobenzene	95	8.553	8.553	(0.898)	1385977	150.000	160
M 126	1,2-Dichloroethene (total)	100				2694892	300.000	320
M 127	Xylene (total)	100				4958367	450.000	480

QC Flag Legend

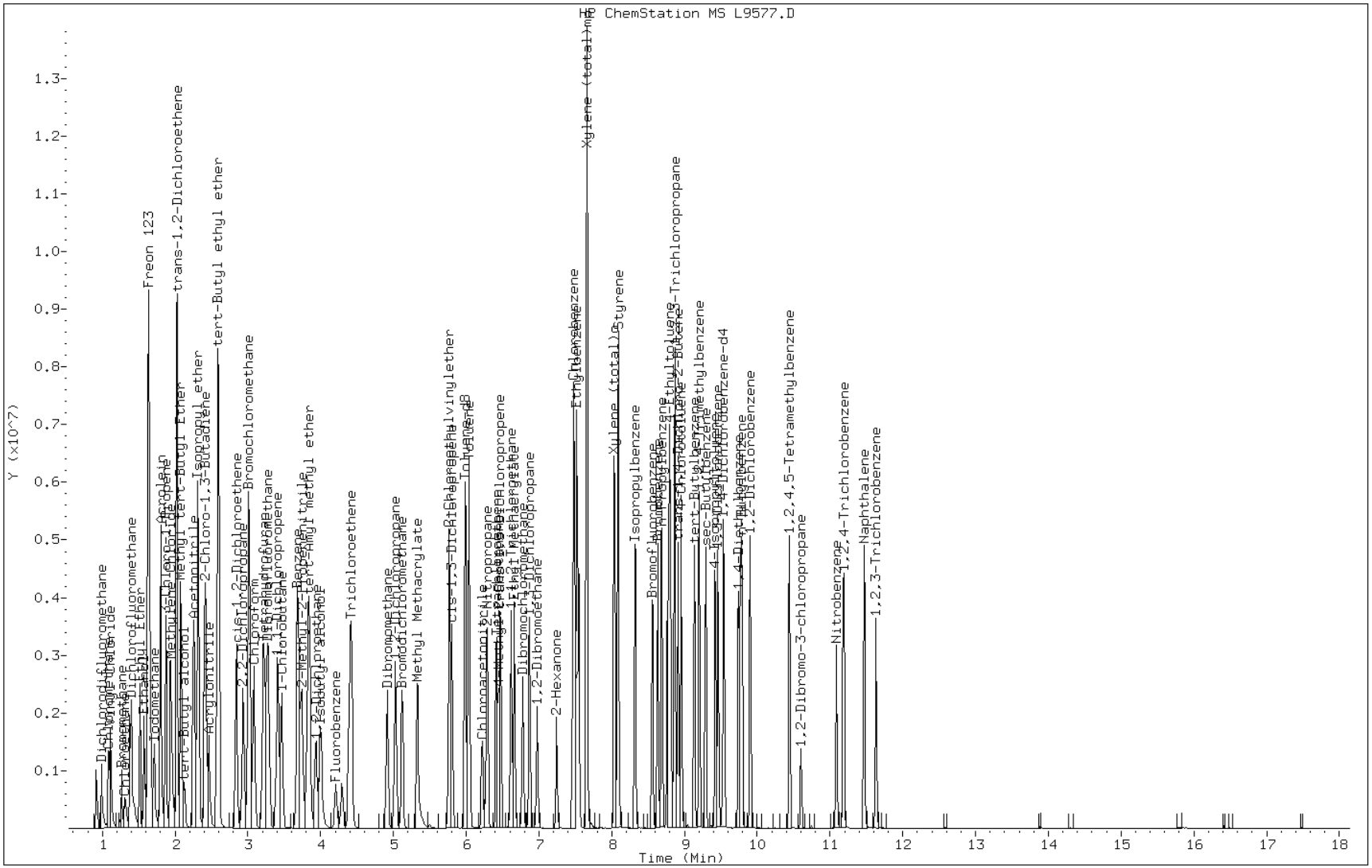
M - Compound response manually integrated.

Data File: L9577.D

Date: 12-MAY-2011 19:12

Client ID: IC;150 Instrument: msl.i

Sample Info: IC;150 Operator: E. LYNCH



Manual Integration Report

Data File: L9577.D
Inj. Date and Time: 12-MAY-2011 19:12
Instrument ID: msl.i
Client ID: IC;150
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/18/2011

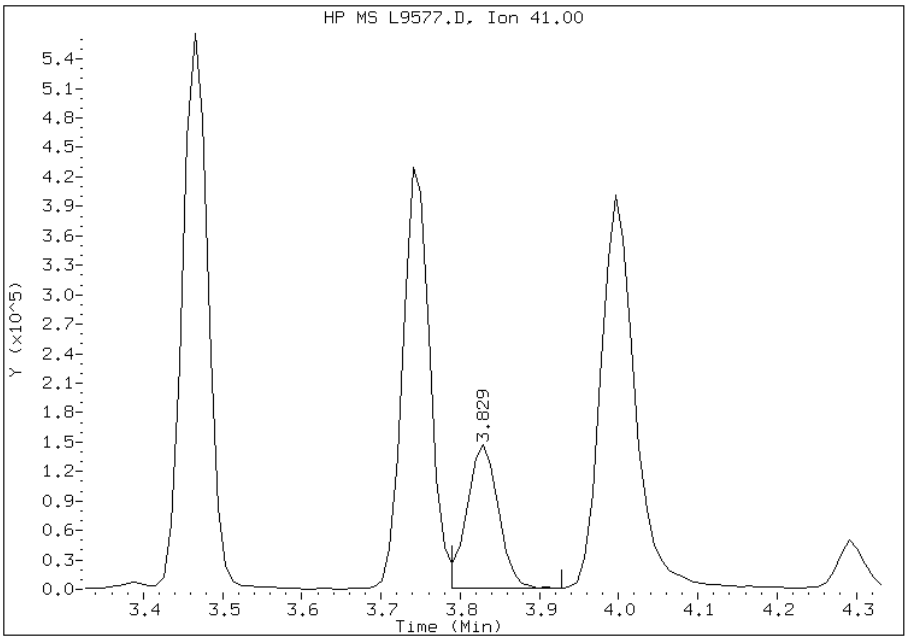
Processing Integration Results

RT: 3.83

Response: 408214

Amount: 102

Conc: 102



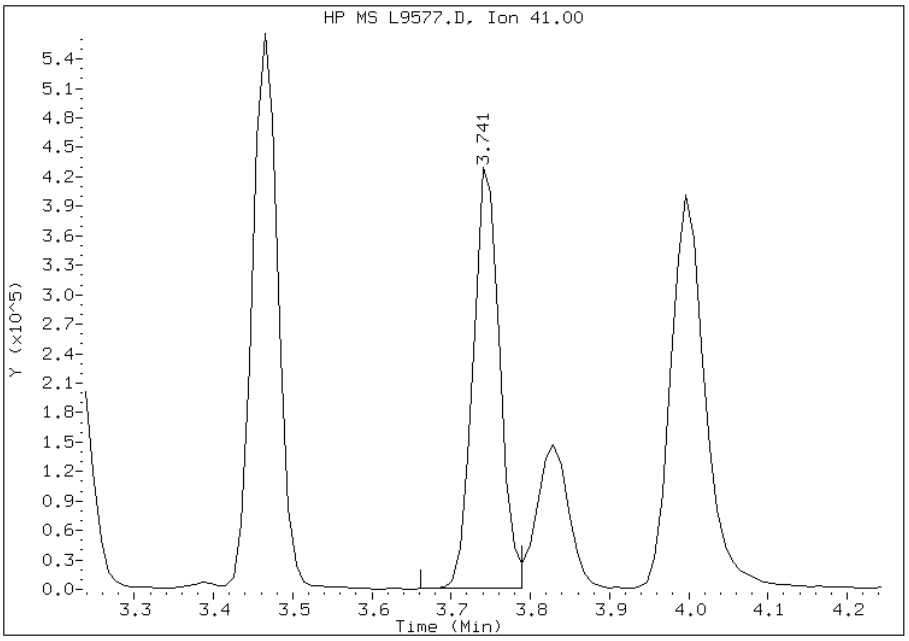
Manual Integration Results

RT: 3.74

Response: 1022064

Amount: 154

Conc: 154



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9577.D
Inj. Date and Time: 12-MAY-2011 19:12
Instrument ID: msl.i
Client ID: IC;150
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/18/2011

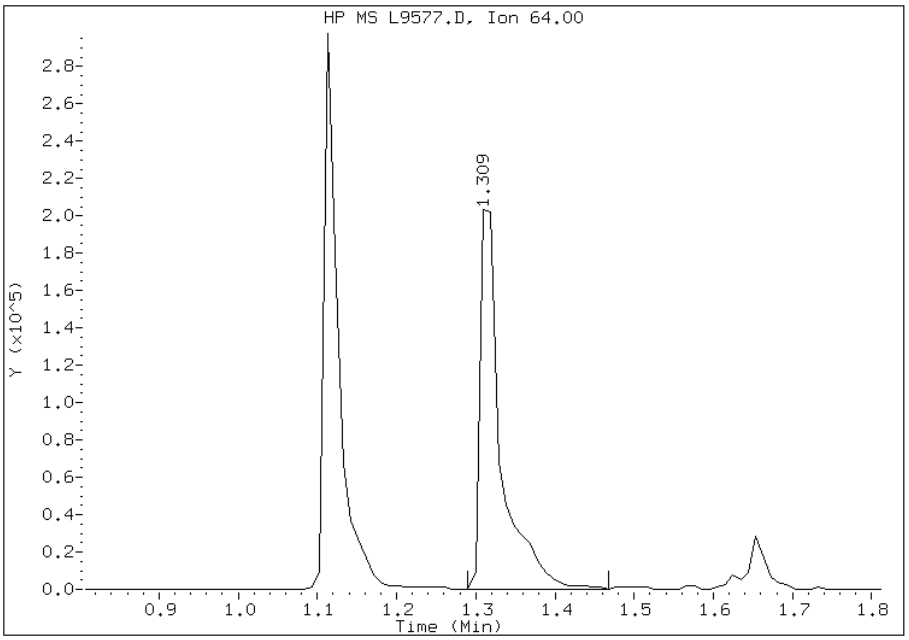
Processing Integration Results

RT: 1.31

Response: 387754

Amount: 121

Conc: 121



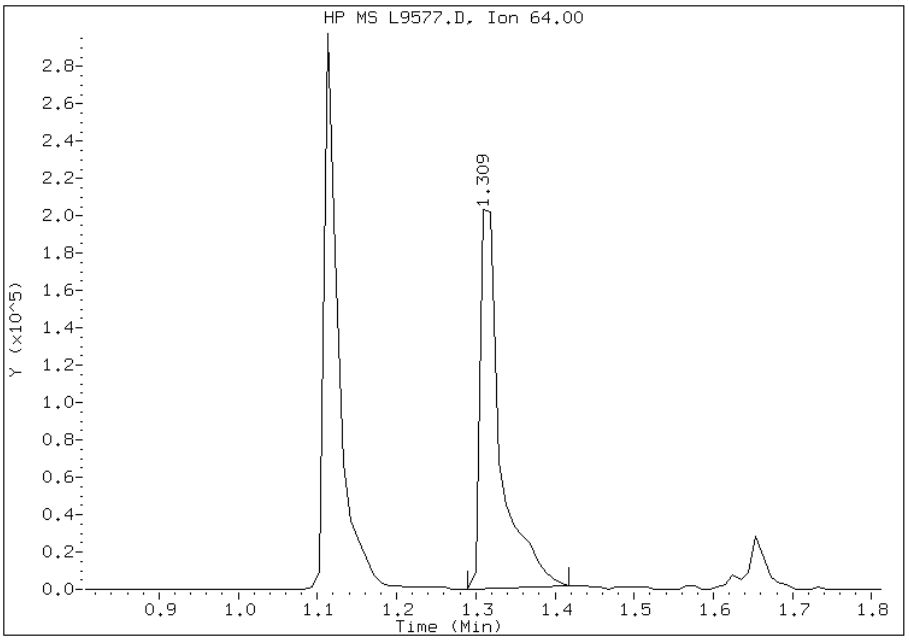
Manual Integration Results

RT: 1.31

Response: 376163

Amount: 120

Conc: 120



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9577.D
Inj. Date and Time: 12-MAY-2011 19:12
Instrument ID: msl.i
Client ID: IC;150
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/18/2011

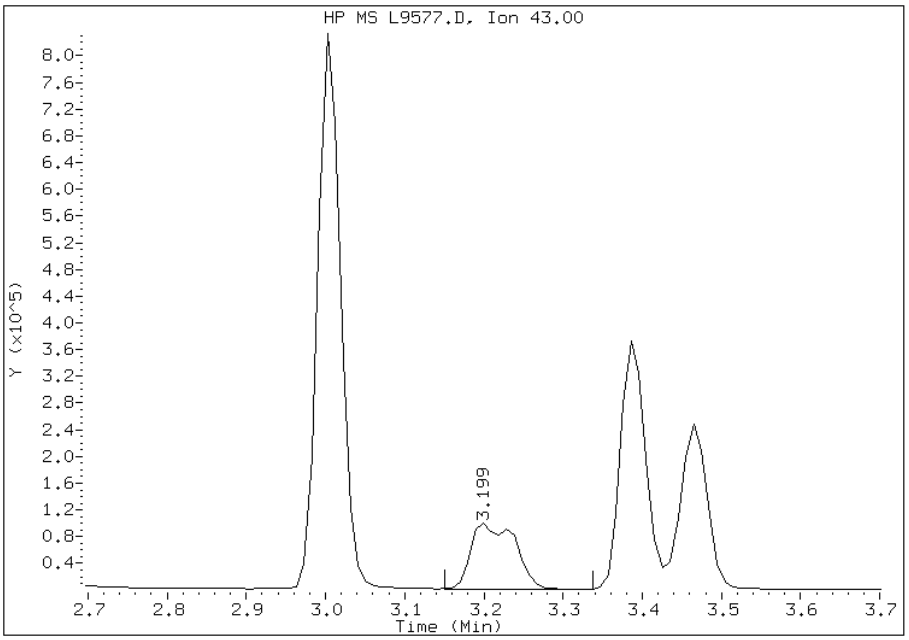
Processing Integration Results

RT: 3.20

Response: 384150

Amount: 305

Conc: 305



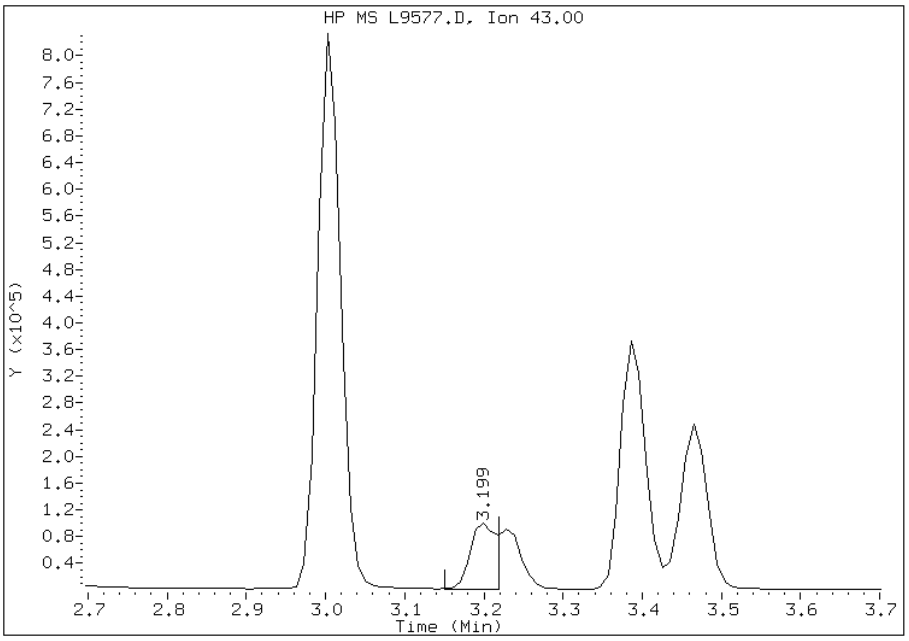
Manual Integration Results

RT: 3.20

Response: 239904

Amount: 311

Conc: 311



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9577.D
Inj. Date and Time: 12-MAY-2011 19:12
Instrument ID: msl.i
Client ID: IC;150
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 05/18/2011

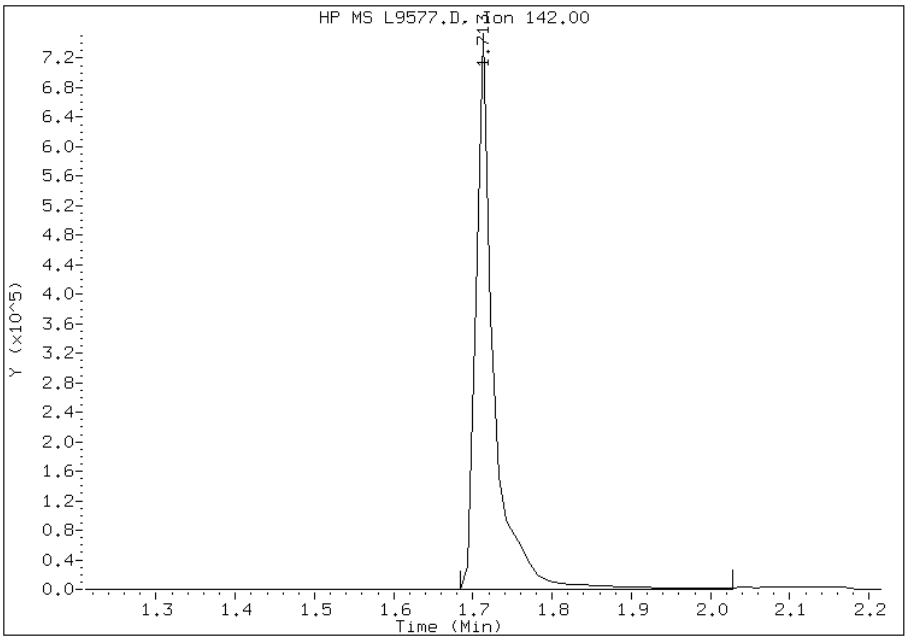
Processing Integration Results

RT: 1.71

Response: 1232552

Amount: 156

Conc: 156



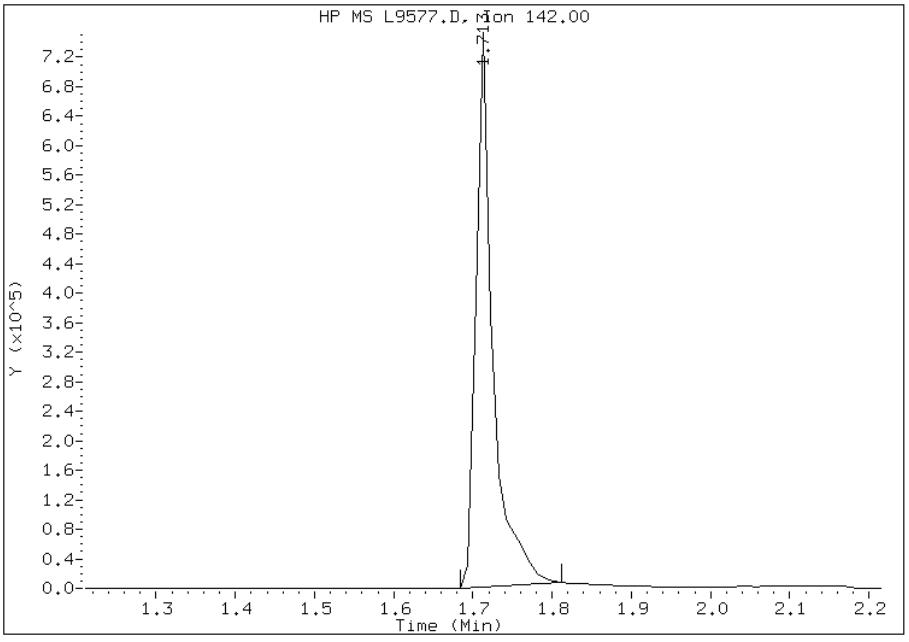
Manual Integration Results

RT: 1.71

Response: 1156204

Amount: 151

Conc: 151



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9577.D
Inj. Date and Time: 12-MAY-2011 19:12
Instrument ID: msl.i
Client ID: IC;150
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/18/2011

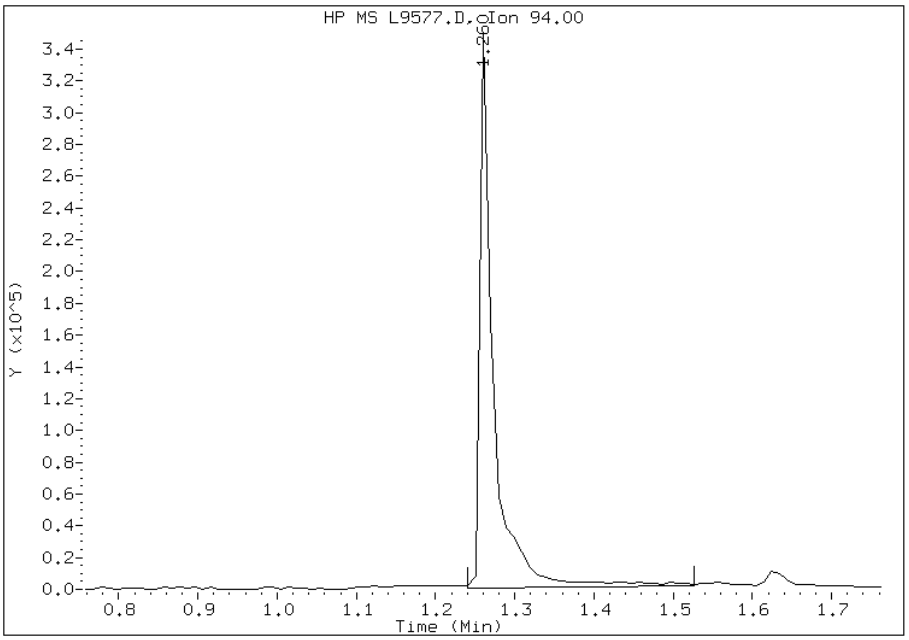
Processing Integration Results

RT: 1.26

Response: 439609

Amount: 159

Conc: 159



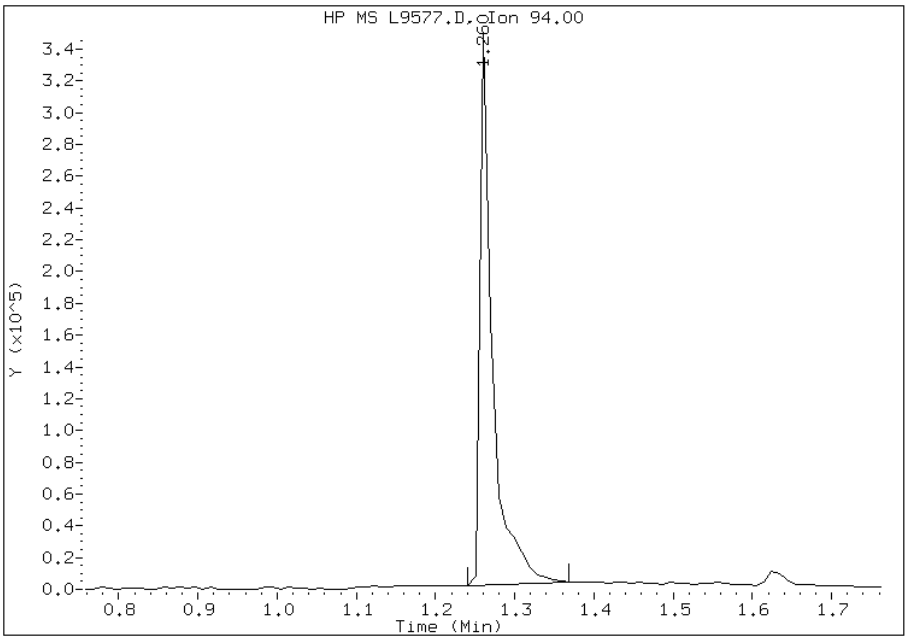
Manual Integration Results

RT: 1.26

Response: 401020

Amount: 161

Conc: 161



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9577.D
Inj. Date and Time: 12-MAY-2011 19:12
Instrument ID: msl.i
Client ID: IC;150
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/18/2011

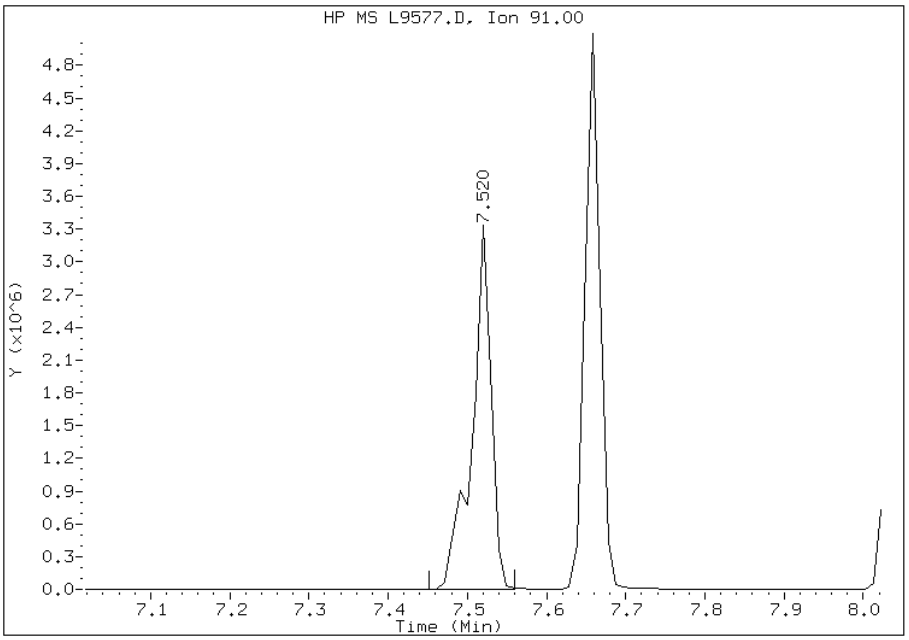
Processing Integration Results

RT: 7.52

Response: 5749381

Amount: 212

Conc: 212



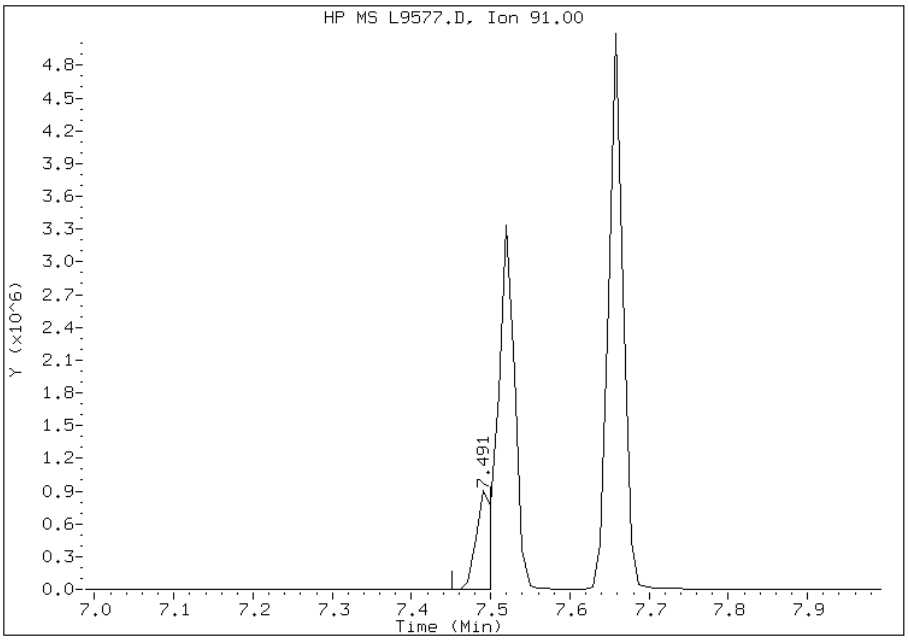
Manual Integration Results

RT: 7.49

Response: 1308344

Amount: 153

Conc: 153



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9577.D
Inj. Date and Time: 12-MAY-2011 19:12
Instrument ID: msl.i
Client ID: IC;150
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/18/2011

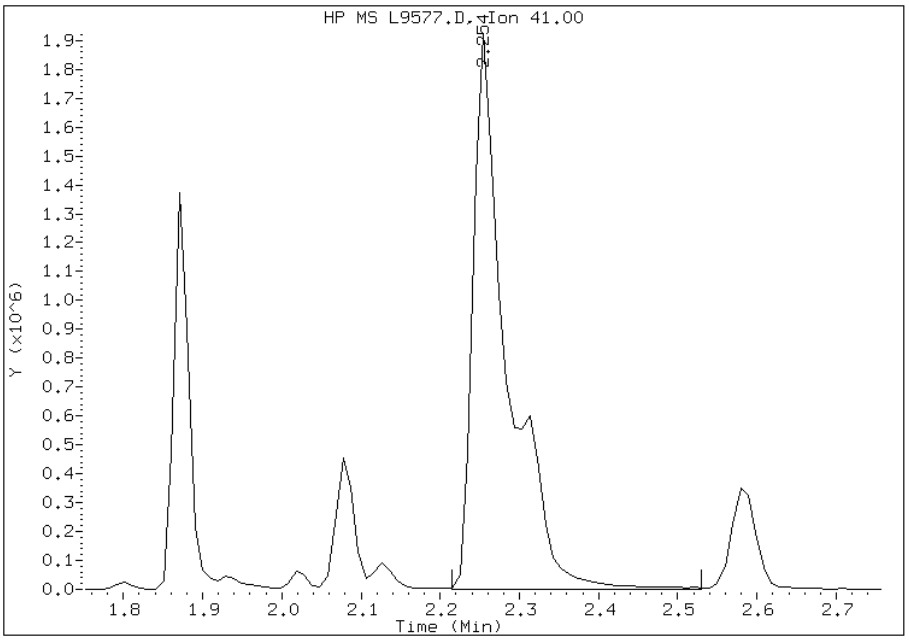
Processing Integration Results

RT: 2.25

Response: 5902145

Amount: 1499

Conc: 1499



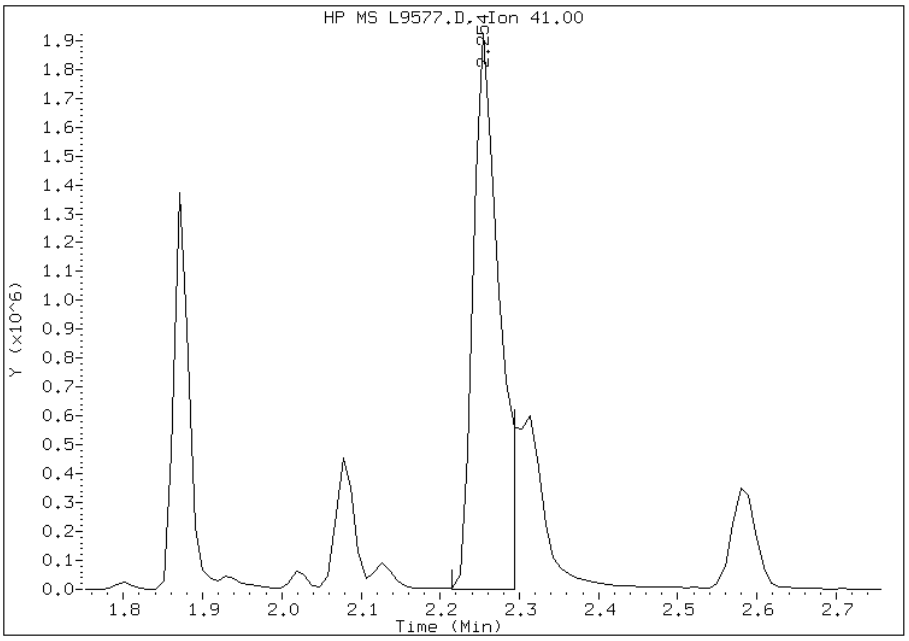
Manual Integration Results

RT: 2.25

Response: 4552957

Amount: 1460

Conc: 1460



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9577.D
Inj. Date and Time: 12-MAY-2011 19:12
Instrument ID: msl.i
Client ID: IC;150
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/18/2011

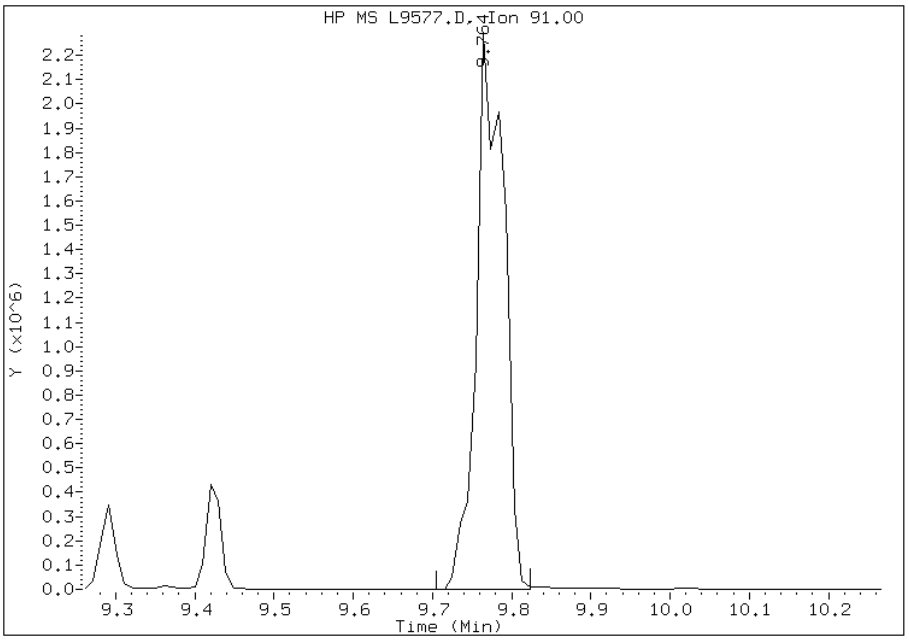
Processing Integration Results

RT: 9.76

Response: 5680172

Amount: 170

Conc: 170



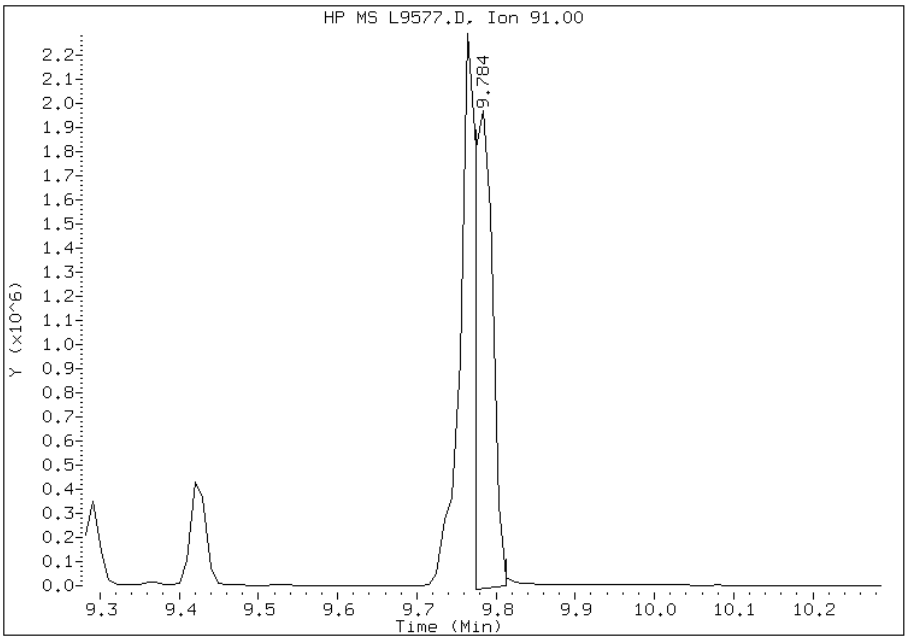
Manual Integration Results

RT: 9.78

Response: 3392803

Amount: 114

Conc: 114



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119576.b\L9578.D
Lab Smp Id: IC;100 Client Smp ID: IC;100
Inj Date : 12-MAY-2011 19:37 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;100
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119576.b\L8260BNW.m
Meth Date : 12-May-2011 22:34 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 19:37 Cal File: L9578.D
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.206	4.206	(1.000)	951748	25.0000	
2	Dichlorodifluoromethane	85	0.987	0.987	(0.235)	608518	100.000	100
3	Chloromethane	50	1.086	1.086	(0.258)	950693	100.000	110
4	Vinyl Chloride	62	1.115	1.115	(0.265)	784020	100.000	110
5	Bromomethane	94	1.263	1.263	(0.300)	272940	100.000	98(M)
6	Chloroethane	64	1.322	1.322	(0.314)	299267	100.000	96(M)
7	Trichlorofluoromethane	101	1.381	1.381	(0.328)	963842	100.000	110
8	Dichlorofluoromethane	67	1.401	1.401	(0.333)	1005448	100.000	110
9	Ethyl Ether	45	1.519	1.519	(0.361)	428192	100.000	100
10	Ethanol	45	1.568	1.568	(0.373)	347865	1000.00	940
12	Freon 123	67	1.637	1.637	(0.389)	186882	100.000	100(M)
13	Trichlorotrifluoroethane	101	1.637	1.637	(0.389)	723958	100.000	100
14	1,1-Dichloroethene	96	1.627	1.627	(0.387)	672080	100.000	110
15	Carbon Disulfide	76	1.657	1.657	(0.394)	2611369	100.000	100
16	Iodomethane	142	1.716	1.716	(0.408)	724623	100.000	99(M)
17	Acrolein	56	1.804	1.804	(0.429)	2660445	500.000	550
19	3-Chloro-1-Propene	41	1.873	1.873	(0.445)	1254728	100.000	110
20	Methylene Chloride	84	1.932	1.932	(0.459)	925546	100.000	100
21	Acetone	43	1.962	1.962	(0.467)	352481	100.000	99
22	trans-1,2-Dichloroethene	96	2.031	2.031	(0.483)	835638	100.000	110
23	Methyl Acetate	43	2.021	2.021	(0.481)	4642202	100.000	100
24	Methyl tert-Butyl Ether	73	2.080	2.080	(0.495)	2365242	100.000	100

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.129	2.129	(0.506)	603935	500.000	510
	26 Acetonitrile	41	2.257	2.257	(0.537)	3176244	1000.00	1000(M)
	27 Isopropyl ether	45	2.316	2.316	(0.551)	2937933	100.000	100
	28 tert-Butyl ethyl ether	59	2.582	2.582	(0.614)	2528622	100.000	100
	29 2-Chloro-1,3-Butadiene	88	2.405	2.405	(0.572)	750362	100.000	100
	30 Acrylonitrile	53	2.464	2.464	(0.586)	873049	200.000	220
	31 1,1-Dichloroethane	63	2.424	2.424	(0.576)	1376815	100.000	110
	32 Vinyl Acetate	43	2.602	2.602	(0.619)	5572682	100.000	110
	33 cis-1,2-Dichloroethene	96	2.848	2.848	(0.677)	980691	100.000	110
	34 2,2-Dichloropropane	77	2.936	2.936	(0.698)	1004605	100.000	100
	35 Bromochloromethane	128	3.025	3.025	(0.719)	466090	100.000	100
	37 Cyclohexane	84	3.025	3.025	(0.719)	763633	100.000	100
	38 Chloroform	83	3.084	3.084	(0.733)	1421077	100.000	100
	39 Ethyl Acetate	43	3.202	3.202	(0.761)	145903	200.000	190(M)
	40 Methyl Acrylate	55	3.202	3.202	(0.761)	987022	100.000	110
$	41 Dibromofluoromethane	111	3.261	3.261	(0.775)	882950	100.000	100
	42 Tetrahydrofuran	42	3.232	3.232	(0.768)	753312	200.000	220
	43 Carbon Tetrachloride	117	3.212	3.212	(0.764)	820897	100.000	100
	44 1,1,1-Trichloroethane	97	3.281	3.281	(0.780)	1112874	100.000	100
	45 2-Butanone	43	3.389	3.389	(0.806)	571474	100.000	100
	46 1,1-Dichloropropene	75	3.409	3.409	(0.810)	996325	100.000	100
	47 tert-Amyl methyl ether	73	3.832	3.832	(0.911)	2444331	100.000	100
	49 1-Chlorobutane	56	3.468	3.468	(0.825)	1363912	100.000	110
	51 Propionitrile	54	3.724	3.724	(0.885)	1582001	1000.00	1000
	52 Benzene	78	3.684	3.684	(0.876)	3071429	100.000	110
	53 2-Methyl-2-Propenenitrile	41	3.743	3.743	(0.890)	713786	100.000	110(M)
	54 Isobutyl alcohol	42	3.989	3.989	(0.949)	762200	1000.00	1000(M)
$	55 1,2-Dichloroethane-d4	65	3.852	3.852	(0.916)	805871	100.000	100
	56 1,2-Dichloroethane	62	3.930	3.930	(0.934)	958772	100.000	100
	59 Methyl Cyclohexane	83	4.403	4.403	(1.047)	736082	100.000	110
	60 Trichloroethene	130	4.422	4.422	(1.051)	797097	100.000	100
	63 Dibromomethane	93	4.915	4.915	(1.168)	694105	100.000	100
	64 1,2-Dichloropropane	63	5.033	5.033	(1.197)	837345	100.000	100
	65 Bromodichloromethane	83	5.121	5.121	(1.218)	1111053	100.000	110
	66 Methyl Methacrylate	69	5.328	5.328	(1.267)	742125	100.000	110
	67 1,4-Dioxane	58	5.348	5.348	(1.271)	198478	1000.00	1000
	69 2-Chloroethylvinylether	63	5.771	5.771	(1.372)	1502231	100.000	110
	70 cis-1,3-Dichloropropene	75	5.800	5.800	(1.379)	1365092	100.000	100
	71 Chloroacetonitrile	48	6.214	6.214	(1.477)	452003	1000.00	1000
	72 2-Nitropropane	41	6.273	6.273	(1.491)	536042	200.000	220
	73 trans-1,3-Dichloropropene	75	6.470	6.470	(1.538)	1249542	100.000	100
	74 1,1,2-Trichloroethane	97	6.617	6.617	(1.573)	845238	100.000	100
*	75 Chlorobenzene-d5	117	7.464	7.464	(1.000)	715601	25.0000	
	76 Toluene	91	6.037	6.037	(0.809)	3130746	100.000	110
$	77 Toluene-d8	98	5.987	5.987	(0.802)	2676170	100.000	100
	78 1,1-Dichloro-2-propanone	43	6.283	6.283	(0.842)	3096543	500.000	540
	79 4-Methyl-2-Pentanone	43	6.440	6.440	(0.863)	1134907	100.000	110
	80 Tetrachloroethene	164	6.411	6.411	(0.859)	518518	100.000	99
	81 Ethyl Methacrylate	69	6.657	6.657	(0.892)	1240585	100.000	110
	82 Dibromochloromethane	129	6.775	6.775	(0.908)	930739	100.000	110
	83 1,3-Dichloropropane	76	6.863	6.863	(0.920)	1351436	100.000	100
	84 1,2-Dibromoethane	107	6.972	6.972	(0.934)	985519	100.000	100
	86 2-Hexanone	43	7.247	7.247	(0.971)	810553	100.000	100
	87 1-Chlorohexane	91	7.493	7.493	(1.004)	998520	100.000	110(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
88	Chlorobenzene	112	7.474	7.474	(1.001)	1956719	100.000	100
89	1,1,1,2-Tetrachloroethane	131	7.543	7.543	(1.011)	708051	100.000	100
90	Ethylbenzene	106	7.523	7.523	(1.008)	916118	100.000	110
91	Xylene (total)mp	106	7.661	7.661	(1.026)	2255724	200.000	210
92	Xylene (total)o	106	8.035	8.035	(1.076)	1101946	100.000	100
93	Styrene	104	8.084	8.084	(1.083)	2004000	100.000	100
94	Bromoform	173	8.094	8.094	(1.084)	696723	100.000	110
* 95	1,4-Dichlorobenzene-d4	152	9.531	9.531	(1.000)	308797	25.0000	
96	Isopropylbenzene	105	8.320	8.320	(0.873)	2153622	100.000	110
97	Bromobenzene	156	8.635	8.635	(0.906)	828227	100.000	100
98	1,1,2,2-Tetrachloroethane	83	8.763	8.763	(0.919)	1233143	100.000	100
99	4-Ethyltoluene	105	8.793	8.793	(0.923)	2204183	100.000	110
100	1,2,3-Trichloropropane	110	8.861	8.861	(0.930)	321343	100.000	110
101	trans-1,4-Dichloro-2-Butene	53	8.911	8.911	(0.935)	578120	200.000	220
102	n-Propylbenzene	91	8.684	8.684	(0.911)	2662017	100.000	100
103	2-Chlorotoluene	91	8.802	8.802	(0.924)	2075845	100.000	100
104	4-Chlorotoluene	91	8.950	8.950	(0.939)	1942282	100.000	100
105	1,3,5-Trimethylbenzene	105	8.871	8.871	(0.931)	1761903	100.000	100
106	tert-Butylbenzene	119	9.137	9.137	(0.959)	1273155	100.000	100
107	1,2,4-Trimethylbenzene	105	9.196	9.196	(0.965)	1836950	100.000	100
108	sec-Butylbenzene	105	9.295	9.295	(0.975)	2110869	100.000	110
109	4-Isopropyltoluene	119	9.422	9.422	(0.989)	1603301	100.000	100
110	1,3-Dichlorobenzene	146	9.462	9.462	(0.993)	1155407	100.000	100
111	1,4-Dichlorobenzene	146	9.541	9.541	(1.001)	1214324	100.000	100
112	1,2-Dichlorobenzene	146	9.905	9.905	(1.039)	1166837	100.000	100
113	Benzyl Chloride	126	9.767	9.767	(1.025)	393552	100.000	110
114	1,4-Diethylbenzene	119	9.737	9.737	(2.315)	801804	100.000	100
115	n-Butylbenzene	91	9.787	9.787	(1.027)	1978580	100.000	72(M)
118	1,2,4,5-Tetramethylbenzene	119	10.436	10.436	(2.481)	1500308	100.000	97
119	1,2-Dibromo-3-chloropropane	75	10.604	10.604	(1.113)	175397	100.000	110
120	Nitrobenzene	77	11.086	11.086	(1.163)	1039191	1000.00	1100
121	1,2,4-Trichlorobenzene	180	11.194	11.194	(1.175)	704086	100.000	100
122	Hexachlorobutadiene	225	11.184	11.184	(1.173)	241807	100.000	100
123	Naphthalene	128	11.470	11.470	(1.203)	2392197	100.000	100
124	1,2,3-Trichlorobenzene	180	11.637	11.637	(1.221)	696665	100.000	100
$ 125	Bromofluorobenzene	95	8.556	8.556	(0.898)	952124	100.000	110
M 126	1,2-Dichloroethene (total)	100				1816329	200.000	220
M 127	Xylene (total)	100				3357670	300.000	320

QC Flag Legend

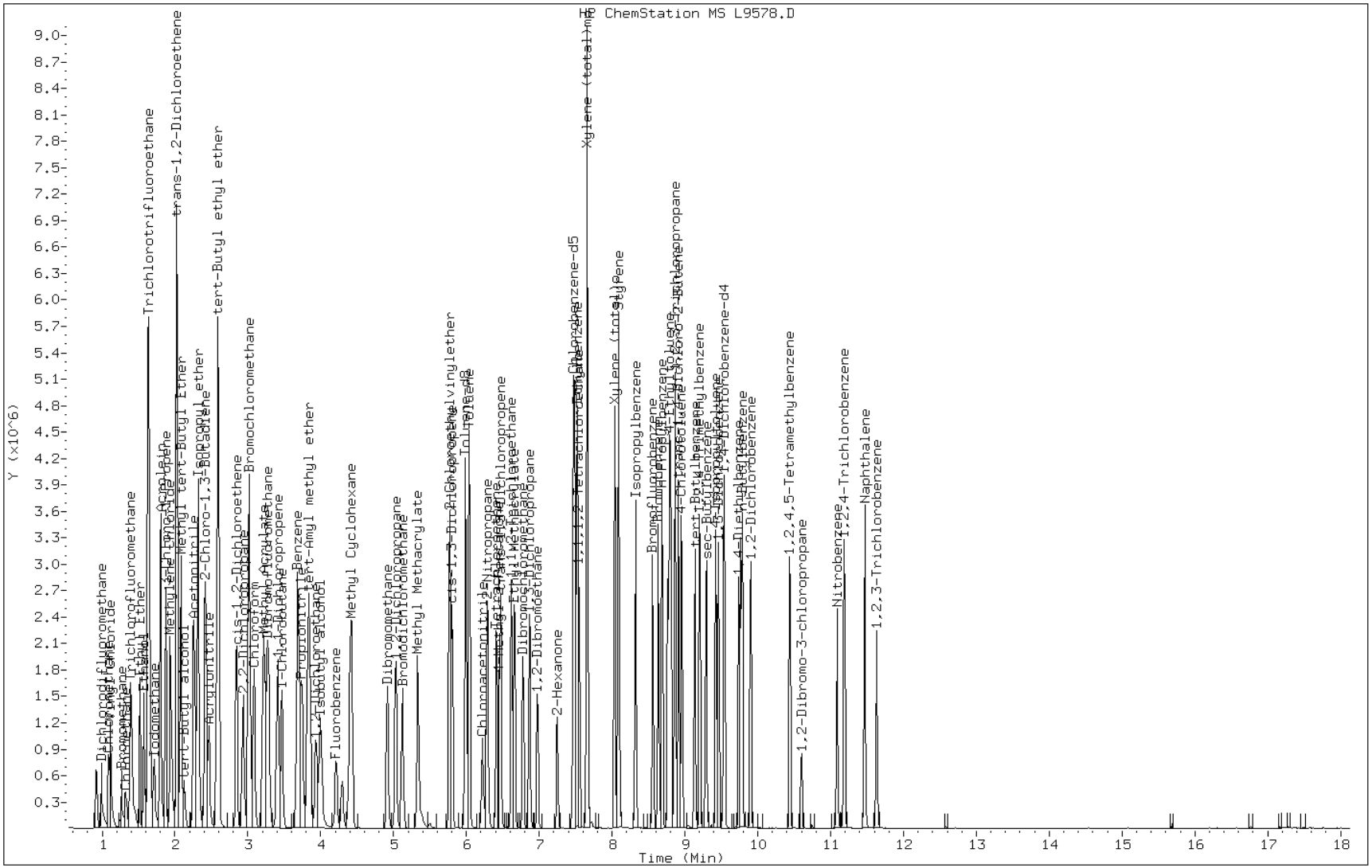
M - Compound response manually integrated.

Data File: L9578.D

Date: 12-MAY-2011 19:37

Client ID: IC;100 Instrument: msl.i

Sample Info: IC;100 Operator: E. LYNCH



Manual Integration Report

Data File: L9578.D
Inj. Date and Time: 12-MAY-2011 19:37
Instrument ID: msl.i
Client ID: IC;100
Compound: 54 Isobutyl alcohol
CAS #: 78-83-1
Report Date: 05/18/2011

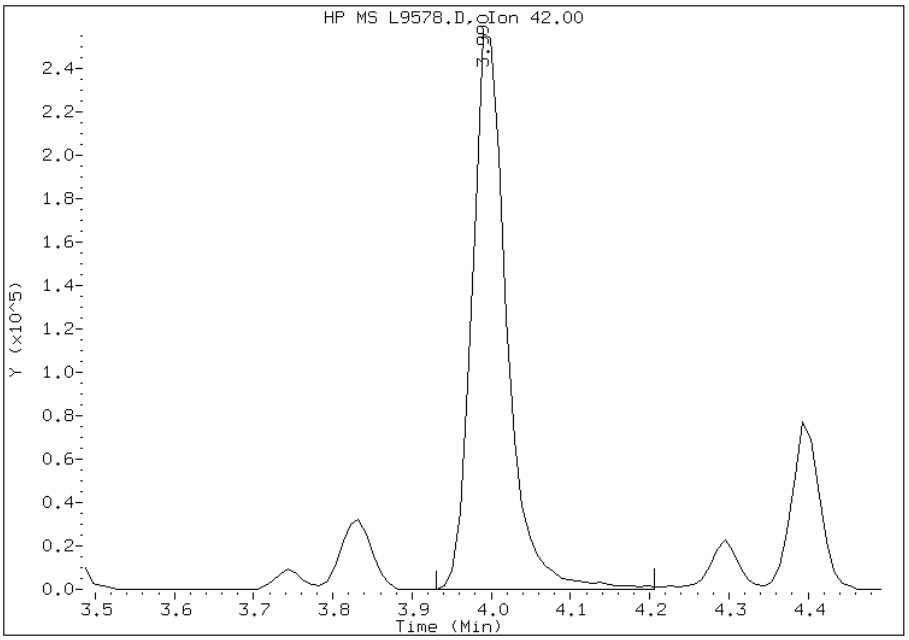
Processing Integration Results

RT: 3.99

Response: 798451

Amount: 1045

Conc: 1045



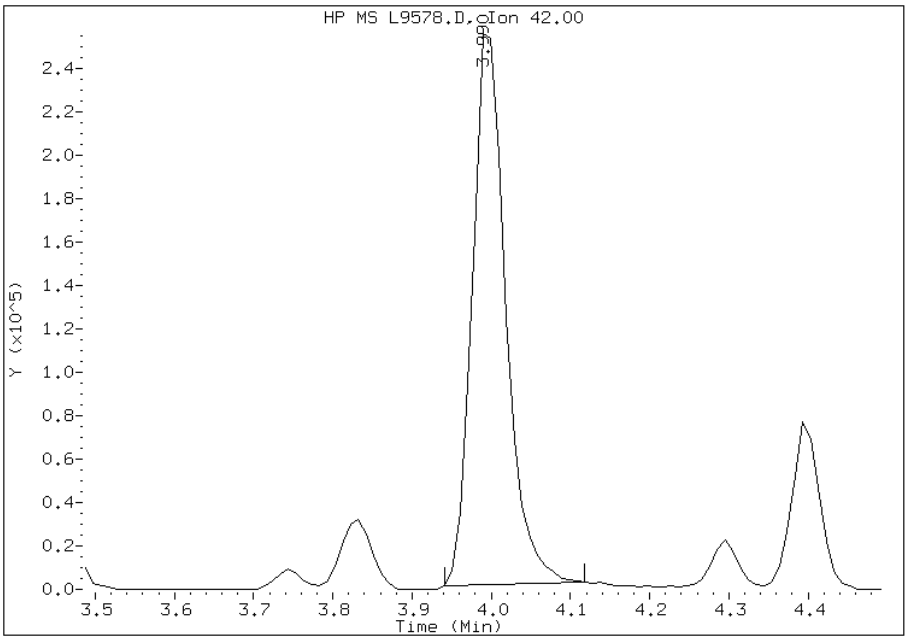
Manual Integration Results

RT: 3.99

Response: 762200

Amount: 1006

Conc: 1006



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9578.D
Inj. Date and Time: 12-MAY-2011 19:37
Instrument ID: msl.i
Client ID: IC;100
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/18/2011

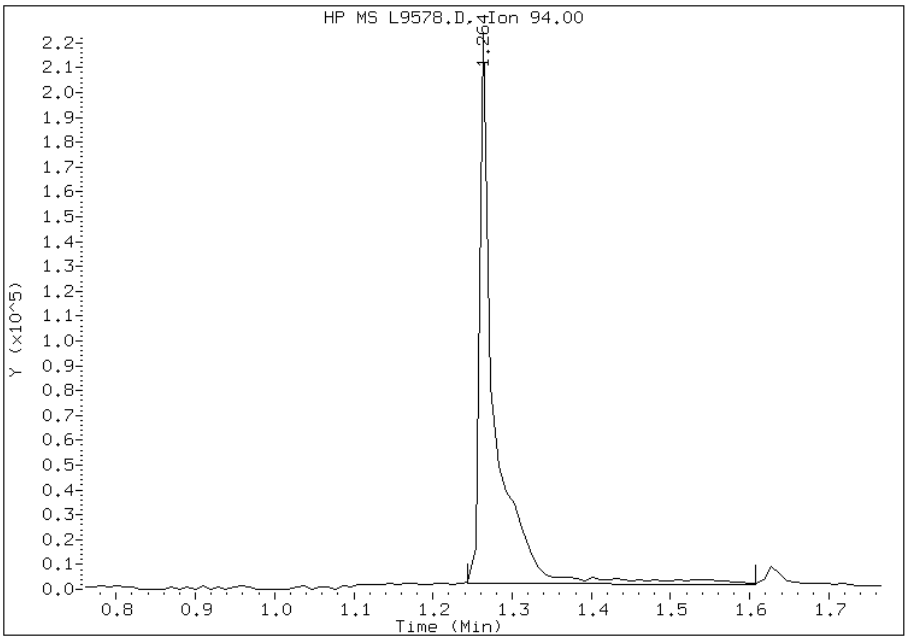
Processing Integration Results

RT: 1.26

Response: 307014

Amount: 108

Conc: 108



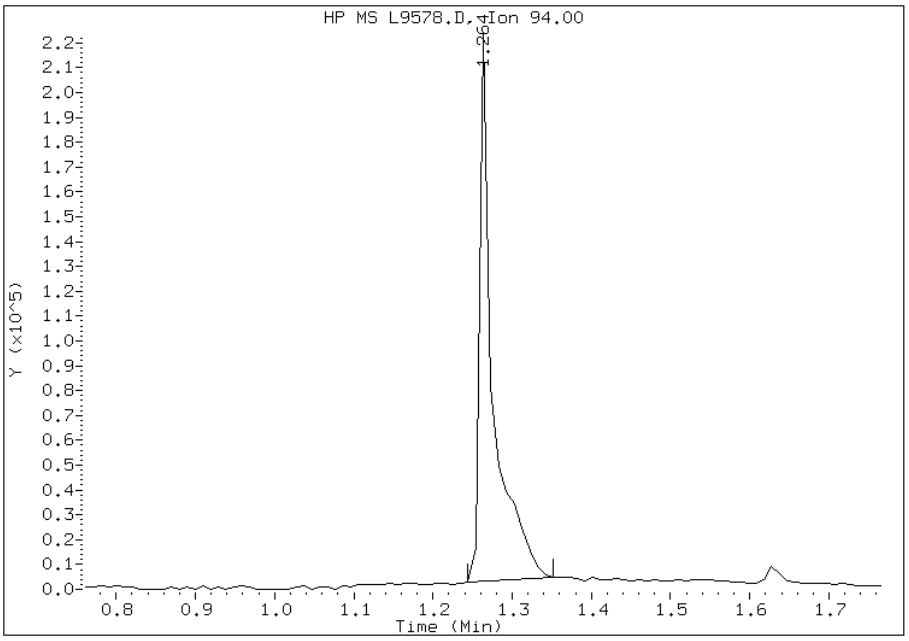
Manual Integration Results

RT: 1.26

Response: 272940

Amount: 98

Conc: 98



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9578.D
Inj. Date and Time: 12-MAY-2011 19:37
Instrument ID: msl.i
Client ID: IC;100
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/18/2011

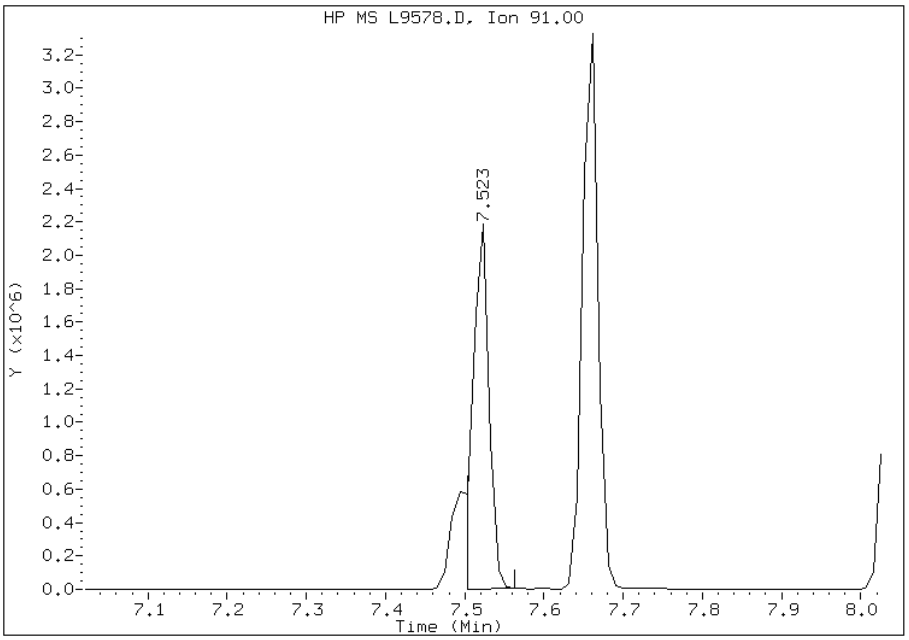
Processing Integration Results

RT: 7.52

Response: 3183621

Amount: 139

Conc: 139



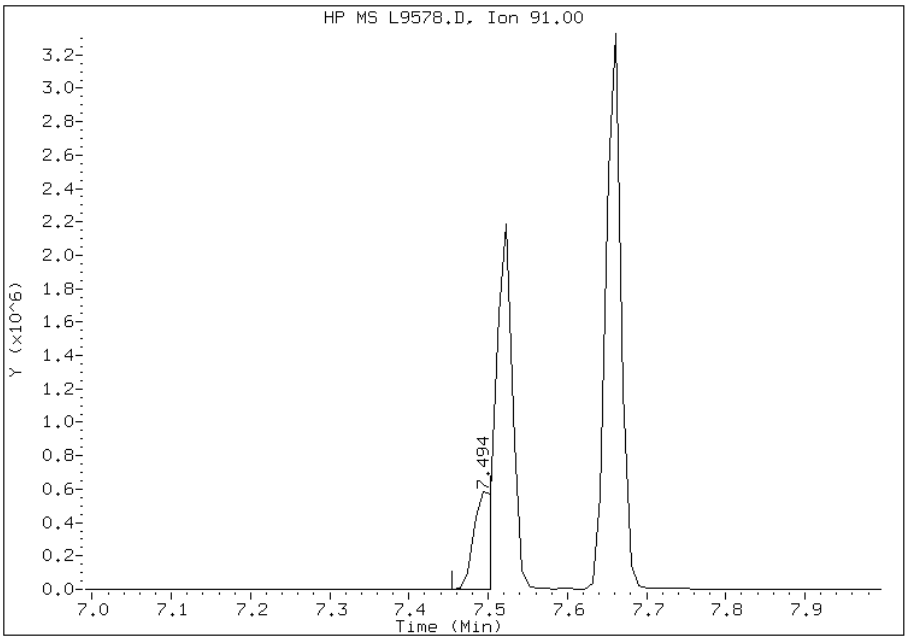
Manual Integration Results

RT: 7.49

Response: 998520

Amount: 113

Conc: 113



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9578.D
Inj. Date and Time: 12-MAY-2011 19:37
Instrument ID: msl.i
Client ID: IC;100
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/18/2011

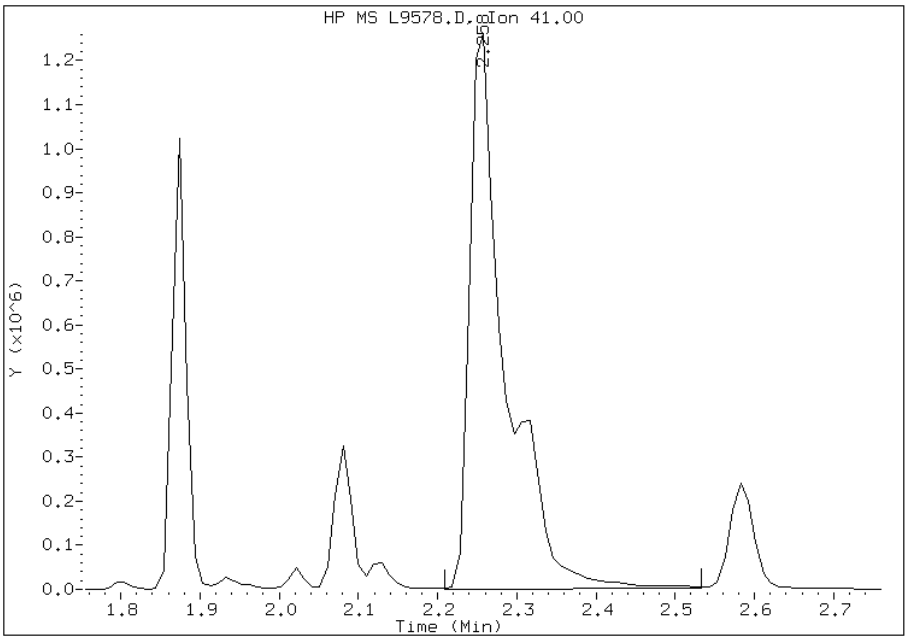
Processing Integration Results

RT: 2.26

Response: 4076693

Amount: 1083

Conc: 1083



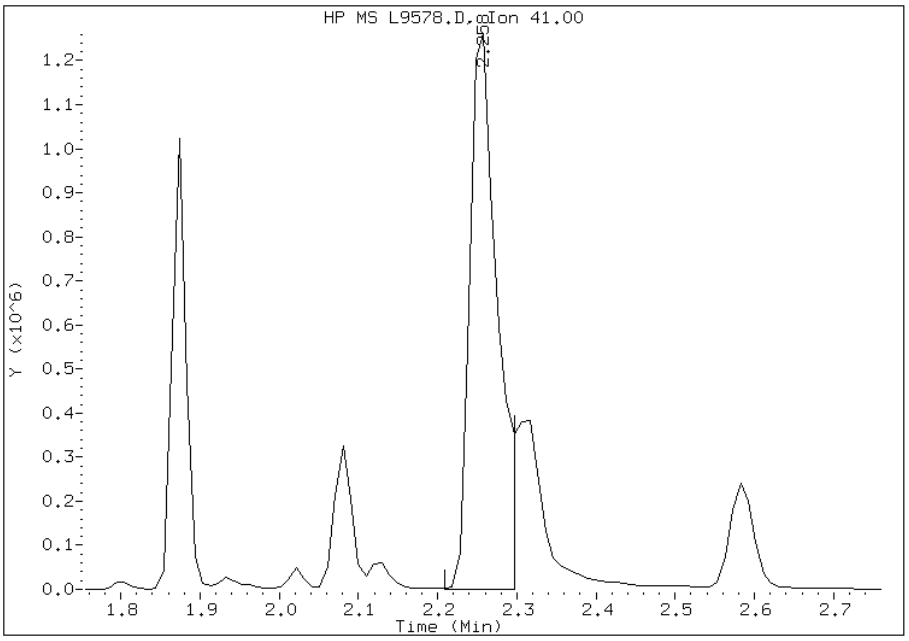
Manual Integration Results

RT: 2.26

Response: 3176244

Amount: 1025

Conc: 1025



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9578.D
Inj. Date and Time: 12-MAY-2011 19:37
Instrument ID: msl.i
Client ID: IC;100
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/18/2011

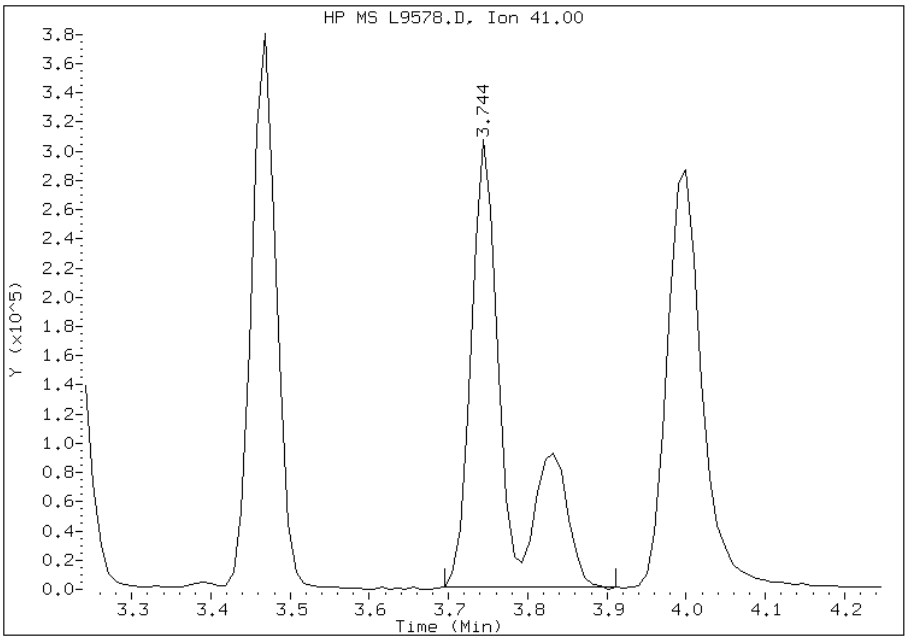
Processing Integration Results

RT: 3.74

Response: 969218

Amount: 151

Conc: 151



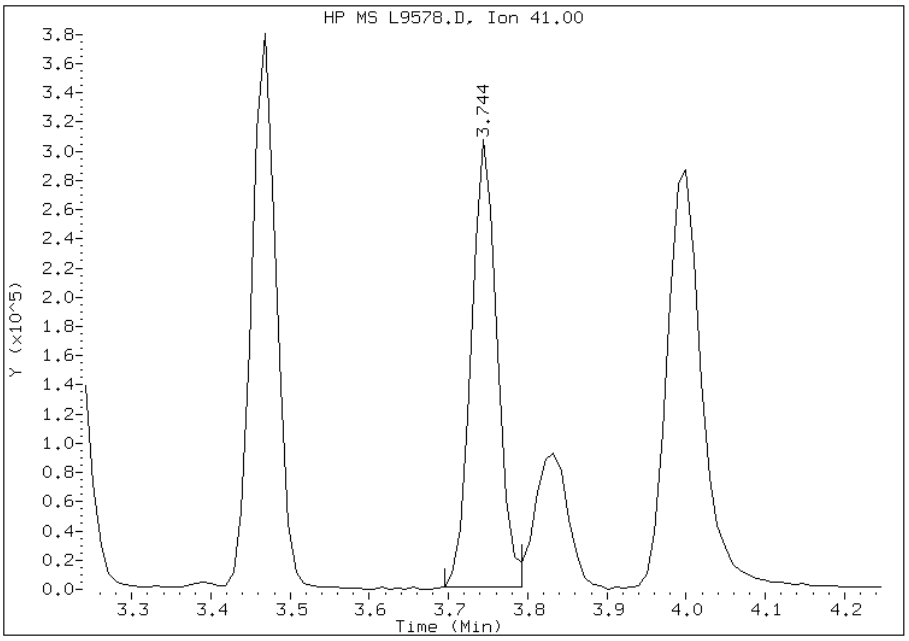
Manual Integration Results

RT: 3.74

Response: 713786

Amount: 107

Conc: 107



Manually Integrated By: eon
Manual Integration Reason:

Manual Integration Report

Data File: L9578.D
Inj. Date and Time: 12-MAY-2011 19:37
Instrument ID: msl.i
Client ID: IC;100
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/18/2011

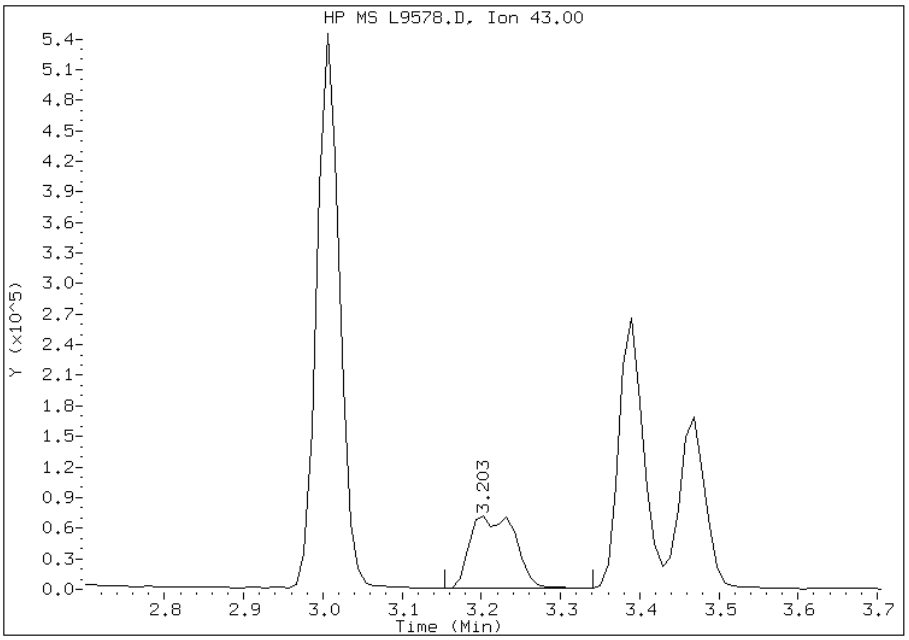
Processing Integration Results

RT: 3.20

Response: 285544

Amount: 247

Conc: 247



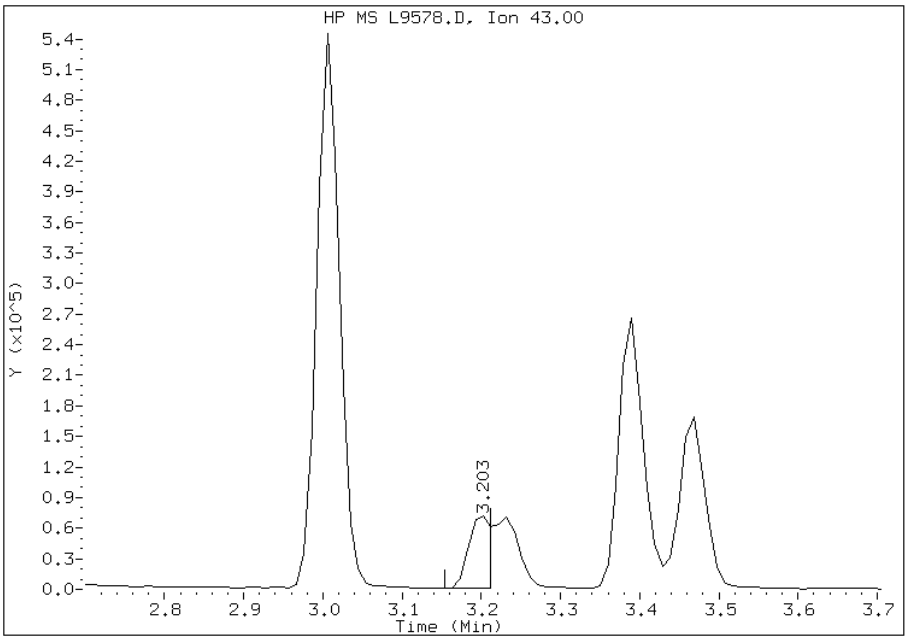
Manual Integration Results

RT: 3.20

Response: 145903

Amount: 191

Conc: 191



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9578.D
Inj. Date and Time: 12-MAY-2011 19:37
Instrument ID: msl.i
Client ID: IC;100
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/18/2011

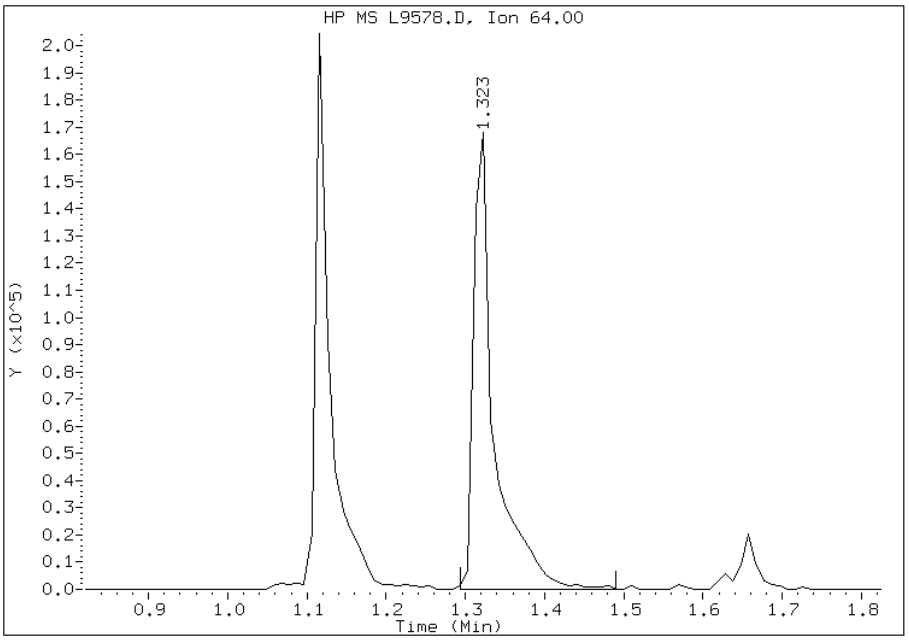
Processing Integration Results

RT: 1.32

Response: 314116

Amount: 99

Conc: 99



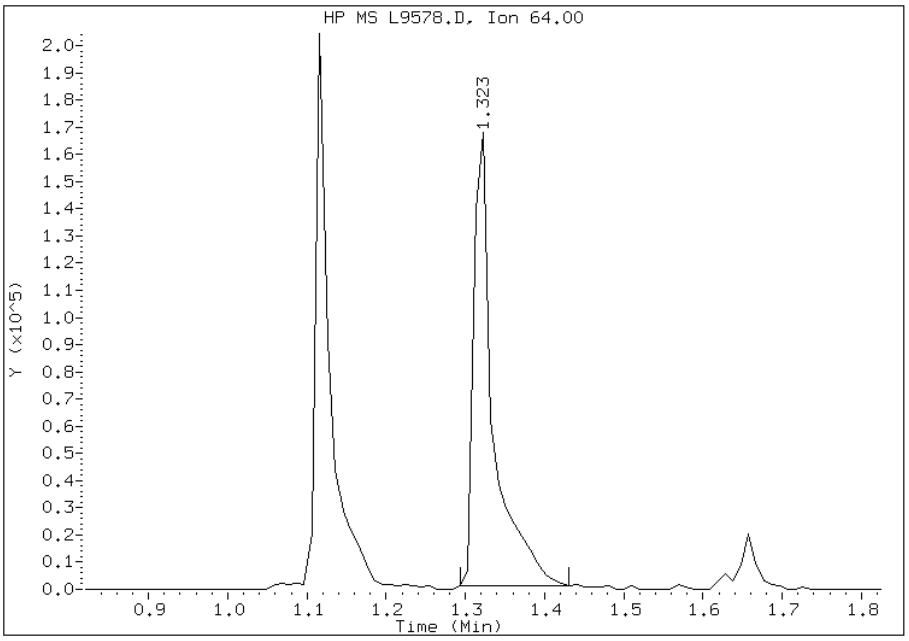
Manual Integration Results

RT: 1.32

Response: 299267

Amount: 96

Conc: 96



Manually Integrated By: eon
Manual Integration Reason:

Manual Integration Report

Data File: L9578.D
Inj. Date and Time: 12-MAY-2011 19:37
Instrument ID: msl.i
Client ID: IC;100
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/18/2011

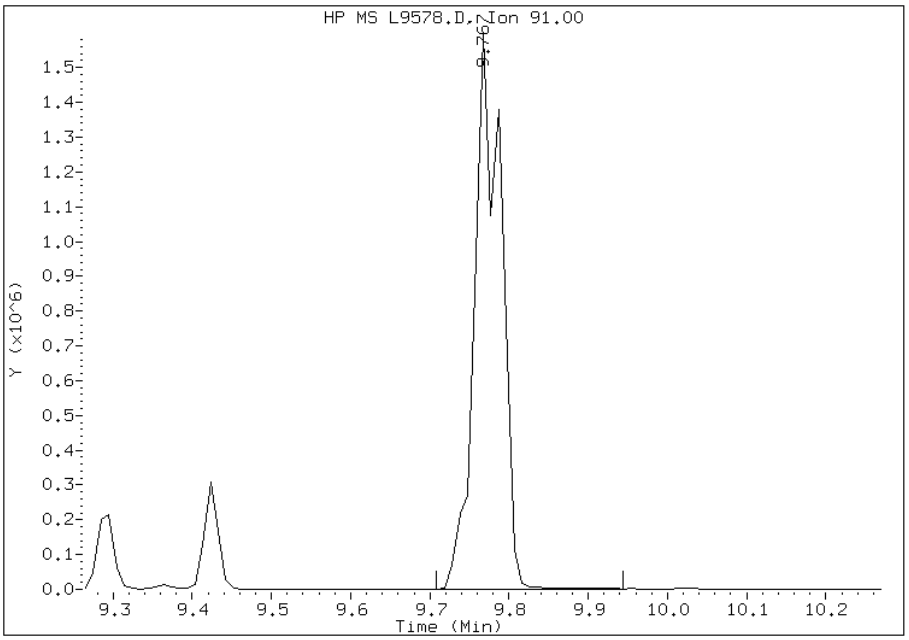
Processing Integration Results

RT: 9.77

Response: 3846764

Amount: 123

Conc: 123



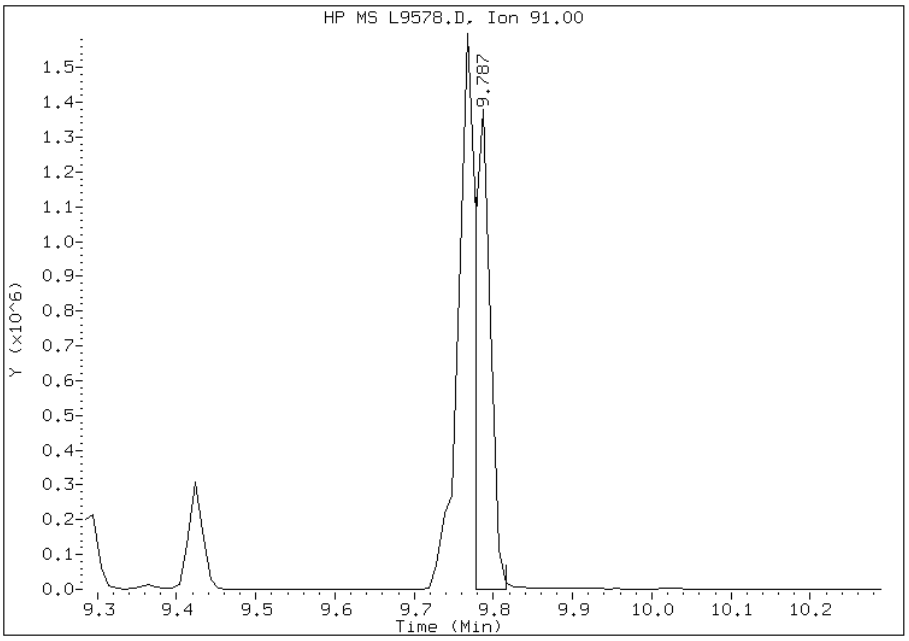
Manual Integration Results

RT: 9.79

Response: 1978580

Amount: 72

Conc: 72



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9578.D
Inj. Date and Time: 12-MAY-2011 19:37
Instrument ID: msl.i
Client ID: IC;100
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 05/18/2011

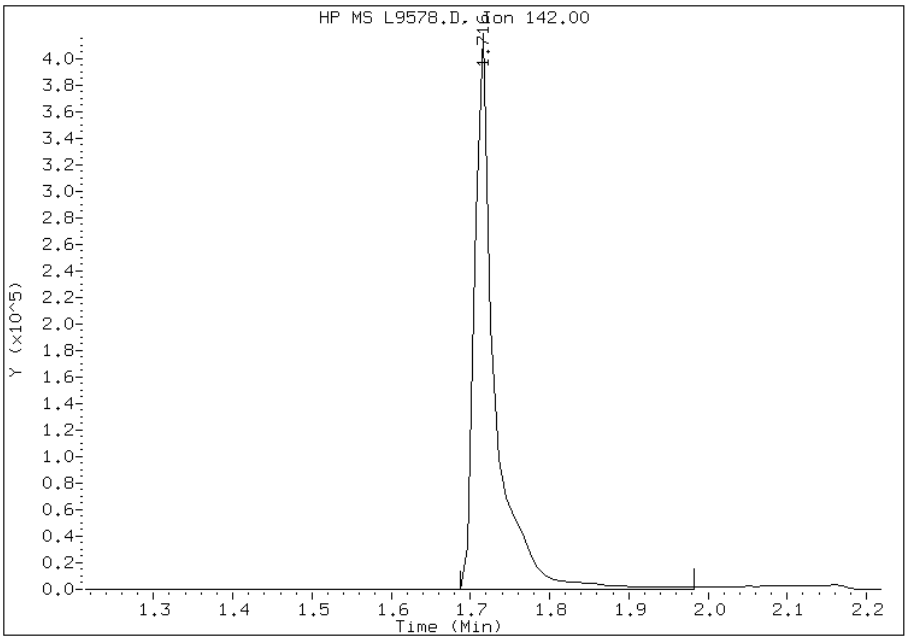
Processing Integration Results

RT: 1.72

Response: 771825

Amount: 103

Conc: 103



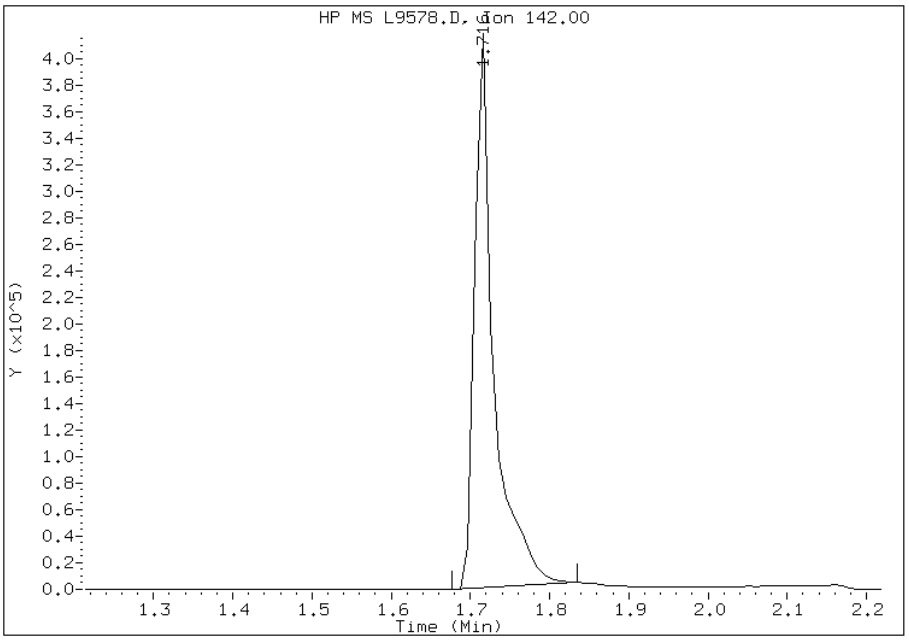
Manual Integration Results

RT: 1.72

Response: 724623

Amount: 99

Conc: 99



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119576.b\L9579.D
Lab Smp Id: IC;50 Client Smp ID: IC;50
Inj Date : 12-MAY-2011 20:01 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;50
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119576.b\L8260BNW.m
Meth Date : 12-May-2011 22:34 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 20:01 Cal File: L9579.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.207	4.207	(1.000)	948897	25.0000	
2	Dichlorodifluoromethane	85	0.989	0.989	(0.235)	231981	50.0000	43
3	Chloromethane	50	1.087	1.087	(0.258)	378846	50.0000	45
4	Vinyl Chloride	62	1.117	1.117	(0.266)	289762	50.0000	42
5	Bromomethane	94	1.264	1.264	(0.301)	147303	50.0000	46(M)
6	Chloroethane	64	1.323	1.323	(0.315)	139600	50.0000	45(M)
7	Trichlorofluoromethane	101	1.382	1.382	(0.329)	381817	50.0000	44
8	Dichlorofluoromethane	67	1.402	1.402	(0.333)	415410	50.0000	45
9	Ethyl Ether	45	1.520	1.520	(0.361)	207026	50.0000	51
10	Ethanol	45	1.569	1.569	(0.373)	182132	500.000	500
12	Freon 123	67	1.638	1.638	(0.389)	66049	50.0000	41(M)
13	Trichlorotrifluoroethane	101	1.638	1.638	(0.389)	249247	50.0000	40
14	1,1-Dichloroethene	96	1.629	1.629	(0.387)	248340	50.0000	42
15	Carbon Disulfide	76	1.658	1.658	(0.394)	951362	50.0000	41
16	Iodomethane	142	1.717	1.717	(0.408)	241852	50.0000	40(M)
17	Acrolein	56	1.806	1.806	(0.429)	1122768	250.000	230
19	3-Chloro-1-Propene	41	1.875	1.875	(0.446)	525497	50.0000	46
20	Methylene Chloride	84	1.934	1.934	(0.460)	439841	50.0000	47
21	Acetone	43	1.963	1.963	(0.467)	161906	50.0000	46
22	trans-1,2-Dichloroethene	96	2.032	2.032	(0.483)	341912	50.0000	44
23	Methyl Acetate	43	2.022	2.022	(0.481)	2253509	50.0000	50
24	Methyl tert-Butyl Ether	73	2.081	2.081	(0.495)	1117524	50.0000	50

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.121	2.121	(0.504)	291130	250.000	250
	26 Acetonitrile	41	2.249	2.249	(0.534)	1472401	500.000	480(M)
	27 Isopropyl ether	45	2.318	2.318	(0.551)	1350706	50.0000	48
	28 tert-Butyl ethyl ether	59	2.583	2.583	(0.614)	1196846	50.0000	49
	29 2-Chloro-1,3-Butadiene	88	2.406	2.406	(0.572)	273539	50.0000	41
	30 Acrylonitrile	53	2.465	2.465	(0.586)	392485	100.000	97
	31 1,1-Dichloroethane	63	2.426	2.426	(0.577)	571229	50.0000	44
	32 Vinyl Acetate	43	2.593	2.593	(0.616)	2488391	50.0000	48
	33 cis-1,2-Dichloroethene	96	2.849	2.849	(0.677)	424331	50.0000	47
	34 2,2-Dichloropropane	77	2.938	2.938	(0.698)	404822	50.0000	43
	35 Bromochloromethane	128	3.016	3.016	(0.717)	223581	50.0000	49
	37 Cyclohexane	84	3.016	3.016	(0.717)	274292	50.0000	41
	38 Chloroform	83	3.085	3.085	(0.733)	632038	50.0000	47
	39 Ethyl Acetate	43	3.194	3.194	(0.759)	74643	100.000	98(M)
	40 Methyl Acrylate	55	3.203	3.203	(0.761)	458266	50.0000	50
$	41 Dibromofluoromethane	111	3.262	3.262	(0.775)	386182	50.0000	46
	42 Tetrahydrofuran	42	3.233	3.233	(0.768)	341473	100.000	98
	43 Carbon Tetrachloride	117	3.213	3.213	(0.764)	291440	50.0000	41
	44 1,1,1-Trichloroethane	97	3.282	3.282	(0.780)	421032	50.0000	42
	45 2-Butanone	43	3.390	3.390	(0.806)	260345	50.0000	48
	46 1,1-Dichloropropene	75	3.410	3.410	(0.811)	373995	50.0000	42
	47 tert-Amyl methyl ether	73	3.833	3.833	(0.911)	1141290	50.0000	49
	49 1-Chlorobutane	56	3.469	3.469	(0.825)	499550	50.0000	41
	51 Propionitrile	54	3.725	3.725	(0.885)	753332	500.000	490
	52 Benzene	78	3.686	3.686	(0.876)	1288221	50.0000	45
	53 2-Methyl-2-Propenenitrile	41	3.745	3.745	(0.890)	343150	50.0000	48(M)
	54 Isobutyl alcohol	42	3.991	3.991	(0.949)	365789	500.000	480
$	55 1,2-Dichloroethane-d4	65	3.853	3.853	(0.916)	368806	50.0000	47
	56 1,2-Dichloroethane	62	3.932	3.932	(0.935)	449011	50.0000	49
	59 Methyl Cyclohexane	83	4.404	4.404	(1.047)	293477	50.0000	44
	60 Trichloroethene	130	4.424	4.424	(1.051)	316416	50.0000	44
	63 Dibromomethane	93	4.916	4.916	(1.168)	335284	50.0000	51
	64 1,2-Dichloropropane	63	5.034	5.034	(1.196)	384013	50.0000	48
	65 Bromodichloromethane	83	5.123	5.123	(1.218)	503944	50.0000	48
	66 Methyl Methacrylate	69	5.329	5.329	(1.267)	338129	50.0000	50
	67 1,4-Dioxane	58	5.349	5.349	(1.271)	99539	500.000	510(M)
	69 2-Chloroethylvinylether	63	5.772	5.772	(1.372)	654598	50.0000	48
	70 cis-1,3-Dichloropropene	75	5.802	5.802	(1.379)	611517	50.0000	48
	71 Chloroacetonitrile	48	6.215	6.215	(1.477)	212055	500.000	490
	72 2-Nitropropane	41	6.274	6.274	(1.491)	241250	100.000	98
	73 trans-1,3-Dichloropropene	75	6.471	6.471	(1.538)	594468	50.0000	50
	74 1,1,2-Trichloroethane	97	6.619	6.619	(1.573)	394309	50.0000	49
*	75 Chlorobenzene-d5	117	7.465	7.465	(1.000)	725140	25.0000	
	76 Toluene	91	6.038	6.038	(0.809)	1303968	50.0000	44
$	77 Toluene-d8	98	5.989	5.989	(0.802)	1113064	50.0000	44
	78 1,1-Dichloro-2-propanone	43	6.284	6.284	(0.842)	1389414	250.000	240
	79 4-Methyl-2-Pentanone	43	6.442	6.442	(0.863)	541539	50.0000	50
	80 Tetrachloroethene	164	6.412	6.412	(0.859)	198611	50.0000	42
	81 Ethyl Methacrylate	69	6.658	6.658	(0.892)	584720	50.0000	49
	82 Dibromochloromethane	129	6.776	6.776	(0.908)	425392	50.0000	49
	83 1,3-Dichloropropane	76	6.865	6.865	(0.920)	645934	50.0000	49
	84 1,2-Dibromoethane	107	6.973	6.973	(0.934)	466277	50.0000	49
	86 2-Hexanone	43	7.249	7.249	(0.971)	378145	50.0000	48
	87 1-Chlorohexane	91	7.505	7.505	(1.005)	443111	50.0000	49(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	88 Chlorobenzene	112	7.475	7.475	(1.001)	880496	50.0000	46
	89 1,1,1,2-Tetrachloroethane	131	7.544	7.544	(1.011)	327147	50.0000	48
	90 Ethylbenzene	106	7.524	7.524	(1.008)	383795	50.0000	44
	91 Xylene (total)mp	106	7.662	7.662	(1.026)	969815	100.000	91
	92 Xylene (total)o	106	8.036	8.036	(1.076)	496397	50.0000	46
	93 Styrene	104	8.085	8.085	(1.083)	948308	50.0000	48
	94 Bromoform	173	8.095	8.095	(1.084)	329103	50.0000	50
*	95 1,4-Dichlorobenzene-d4	152	9.532	9.532	(1.000)	315989	25.0000	
	96 Isopropylbenzene	105	8.321	8.321	(0.873)	905037	50.0000	44
	97 Bromobenzene	156	8.636	8.636	(0.906)	385077	50.0000	48
	98 1,1,2,2-Tetrachloroethane	83	8.764	8.764	(0.919)	596064	50.0000	50
	99 4-Ethyltoluene	105	8.784	8.784	(0.922)	942351	50.0000	44
	100 1,2,3-Trichloropropane	110	8.863	8.863	(0.930)	158059	50.0000	51
	101 trans-1,4-Dichloro-2-Butene	53	8.912	8.912	(0.935)	262074	100.000	99
	102 n-Propylbenzene	91	8.686	8.686	(0.911)	1158125	50.0000	45
	103 2-Chlorotoluene	91	8.804	8.804	(0.924)	920596	50.0000	46
	104 4-Chlorotoluene	91	8.951	8.951	(0.939)	859121	50.0000	45
	105 1,3,5-Trimethylbenzene	105	8.873	8.873	(0.931)	791667	50.0000	46
	106 tert-Butylbenzene	119	9.138	9.138	(0.959)	560161	50.0000	45
	107 1,2,4-Trimethylbenzene	105	9.197	9.197	(0.965)	822482	50.0000	45
	108 sec-Butylbenzene	105	9.286	9.286	(0.974)	917935	50.0000	45
	109 4-Isopropyltoluene	119	9.424	9.424	(0.989)	701028	50.0000	44
	110 1,3-Dichlorobenzene	146	9.463	9.463	(0.993)	518396	50.0000	46
	111 1,4-Dichlorobenzene	146	9.542	9.542	(1.001)	562703	50.0000	47
	112 1,2-Dichlorobenzene	146	9.906	9.906	(1.039)	542923	50.0000	47
	113 Benzyl Chloride	126	9.768	9.768	(1.025)	182349	50.0000	48
	114 1,4-Diethylbenzene	119	9.739	9.739	(2.315)	362463	50.0000	45
	115 n-Butylbenzene	91	9.788	9.788	(1.027)	902790	50.0000	35(M)
	118 1,2,4,5-Tetramethylbenzene	119	10.438	10.438	(2.481)	727486	50.0000	47
	119 1,2-Dibromo-3-chloropropane	75	10.595	10.595	(1.112)	80945	50.0000	49
	120 Nitrobenzene	77	11.087	11.087	(1.163)	498519	500.000	520
	121 1,2,4-Trichlorobenzene	180	11.195	11.195	(1.174)	345792	50.0000	48
	122 Hexachlorobutadiene	225	11.176	11.176	(1.172)	135502	50.0000	44
	123 Naphthalene	128	11.471	11.471	(1.203)	1137078	50.0000	48
	124 1,2,3-Trichlorobenzene	180	11.629	11.629	(1.220)	338832	50.0000	48
$	125 Bromofluorobenzene	95	8.558	8.558	(0.898)	419134	50.0000	45
M	126 1,2-Dichloroethene (total)	100				766243	100.000	91
M	127 Xylene (total)	100				1466212	150.000	140

QC Flag Legend

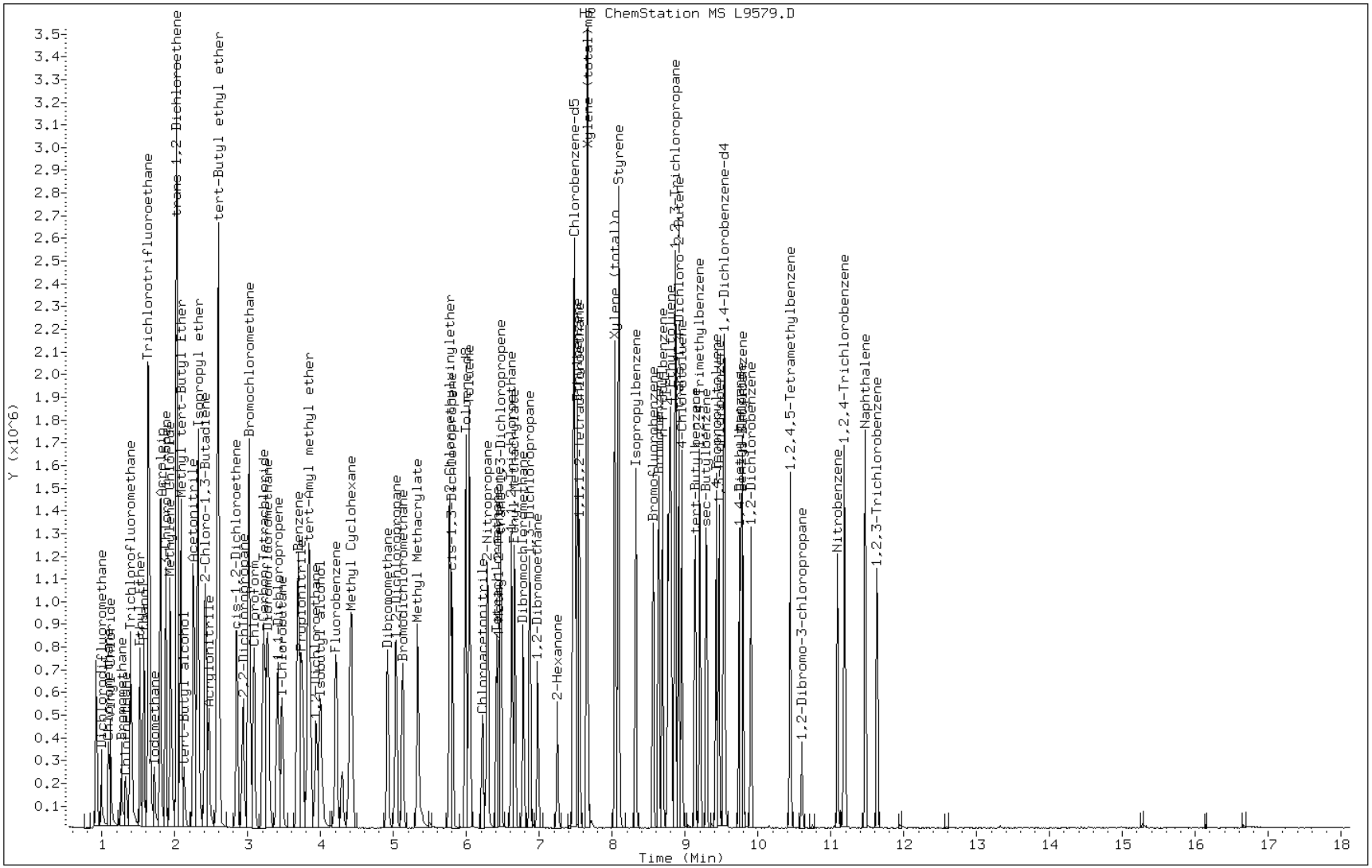
M - Compound response manually integrated.

Data File: L9579.D

Date: 12-MAY-2011 20:01

Client ID: IC;50 Instrument: msl.i

Sample Info: IC;50 Operator: E. LYNCH



Manual Integration Report

Data File: L9579.D
Inj. Date and Time: 12-MAY-2011 20:01
Instrument ID: msl.i
Client ID: IC;50
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/12/2011

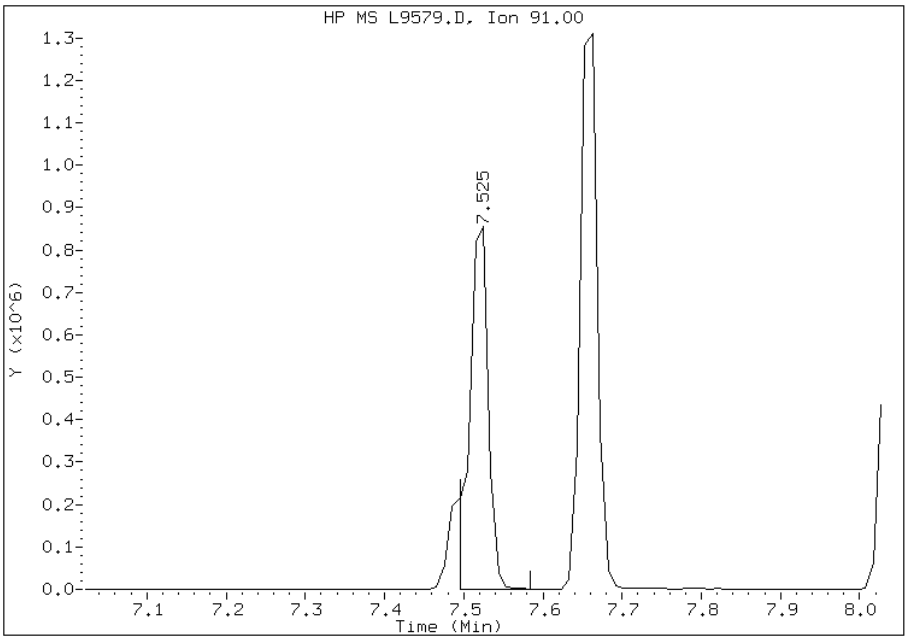
Processing Integration Results

RT: 7.52

Response: 1472580

Amount: 76

Conc: 76



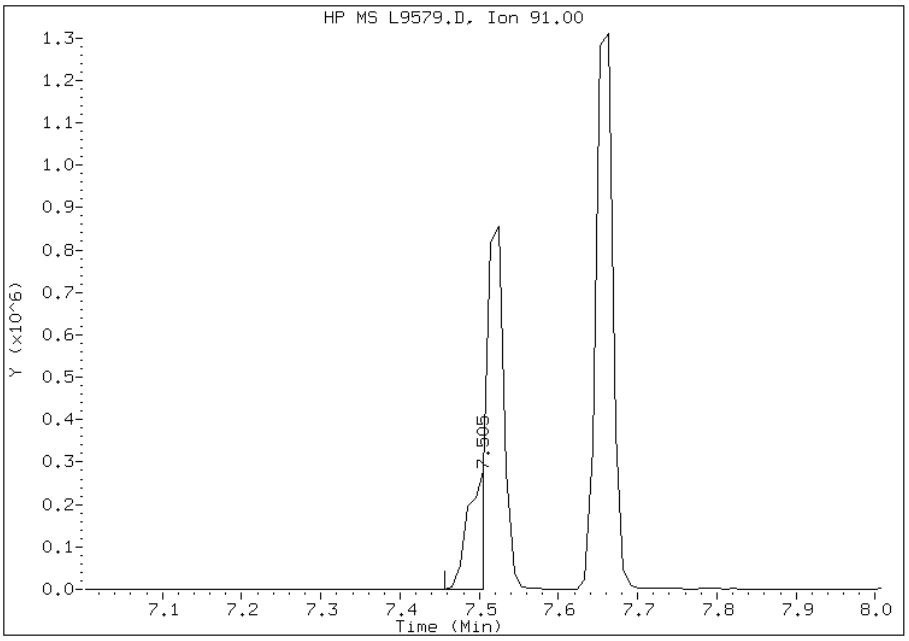
Manual Integration Results

RT: 7.51

Response: 443111

Amount: 49

Conc: 49



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9579.D
Inj. Date and Time: 12-MAY-2011 20:01
Instrument ID: msl.i
Client ID: IC;50
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/12/2011

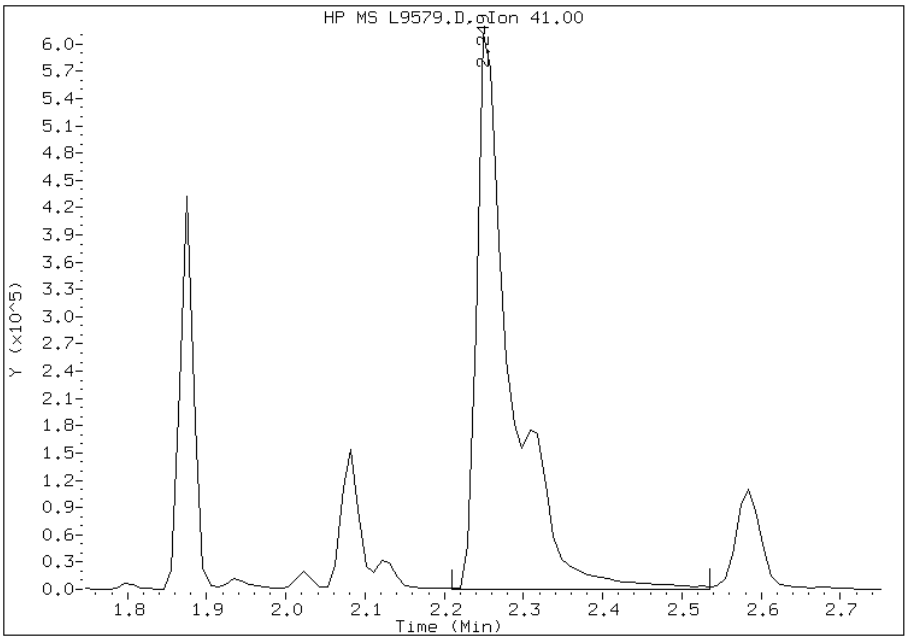
Processing Integration Results

RT: 2.25

Response: 1900164

Amount: 527

Conc: 527



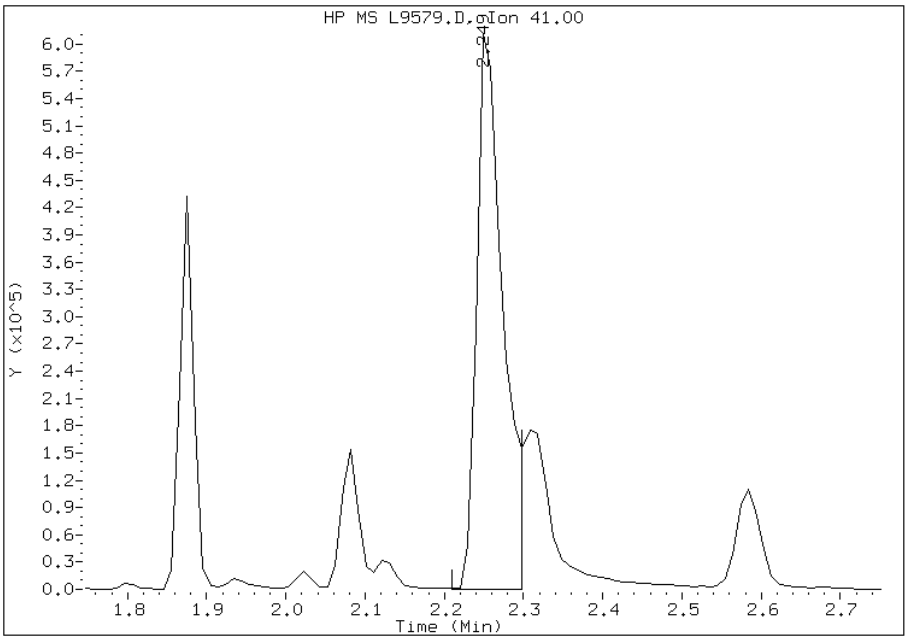
Manual Integration Results

RT: 2.25

Response: 1472401

Amount: 476

Conc: 476



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9579.D
Inj. Date and Time: 12-MAY-2011 20:01
Instrument ID: msl.i
Client ID: IC;50
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/12/2011

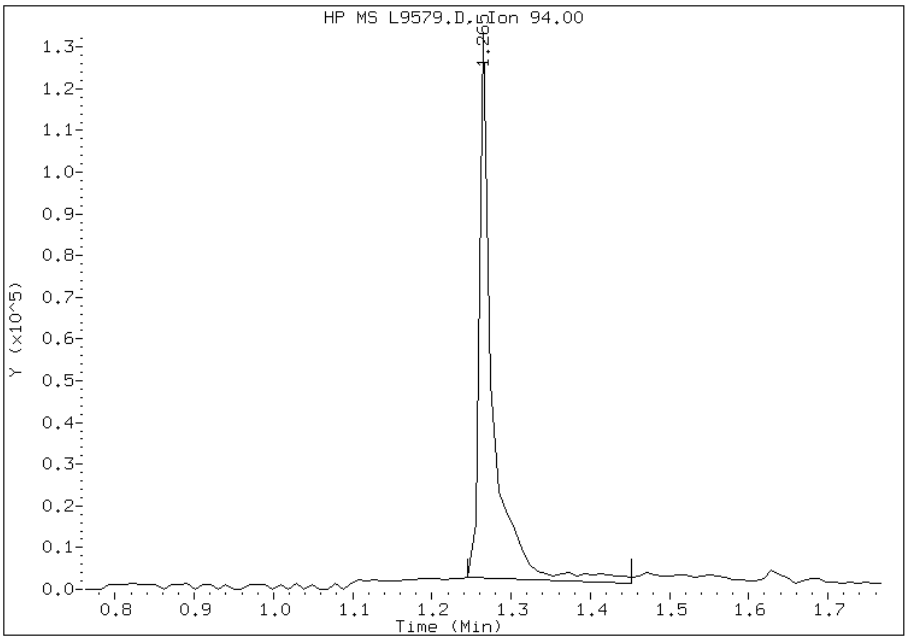
Processing Integration Results

RT: 1.26

Response: 159589

Amount: 49

Conc: 49



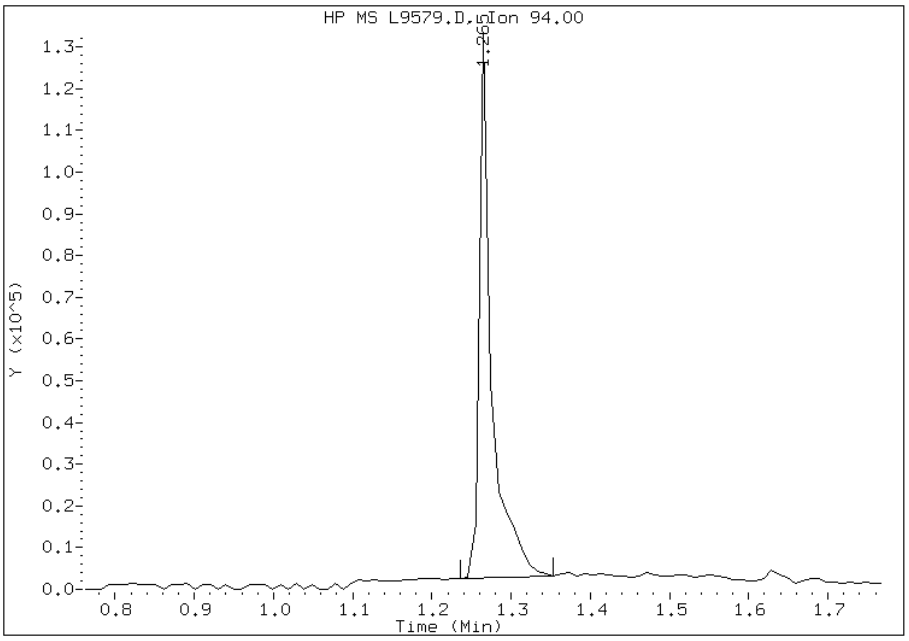
Manual Integration Results

RT: 1.26

Response: 147303

Amount: 46

Conc: 46



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9579.D
Inj. Date and Time: 12-MAY-2011 20:01
Instrument ID: msl.i
Client ID: IC;50
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/12/2011

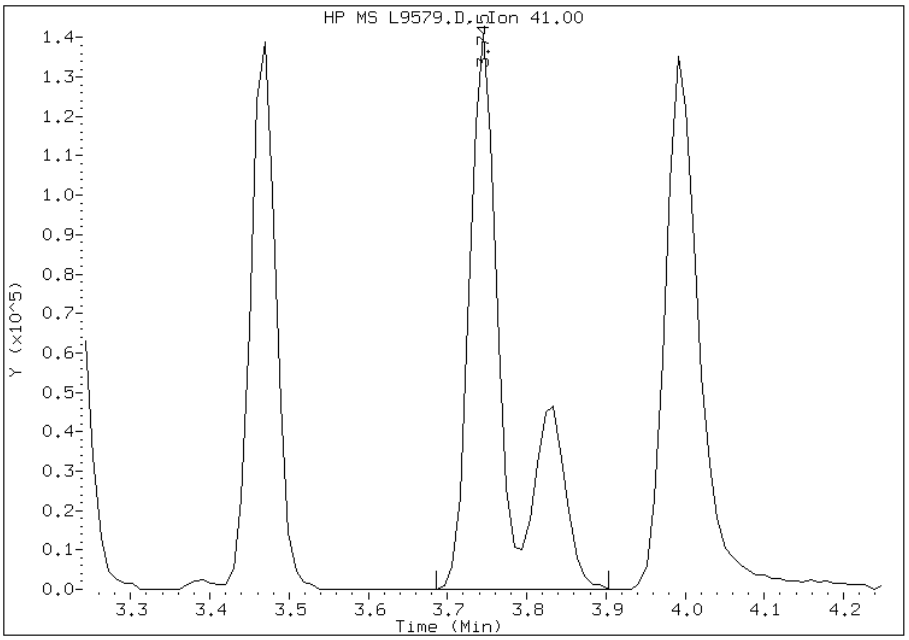
Processing Integration Results

RT: 3.75

Response: 465690

Amount: 72

Conc: 72



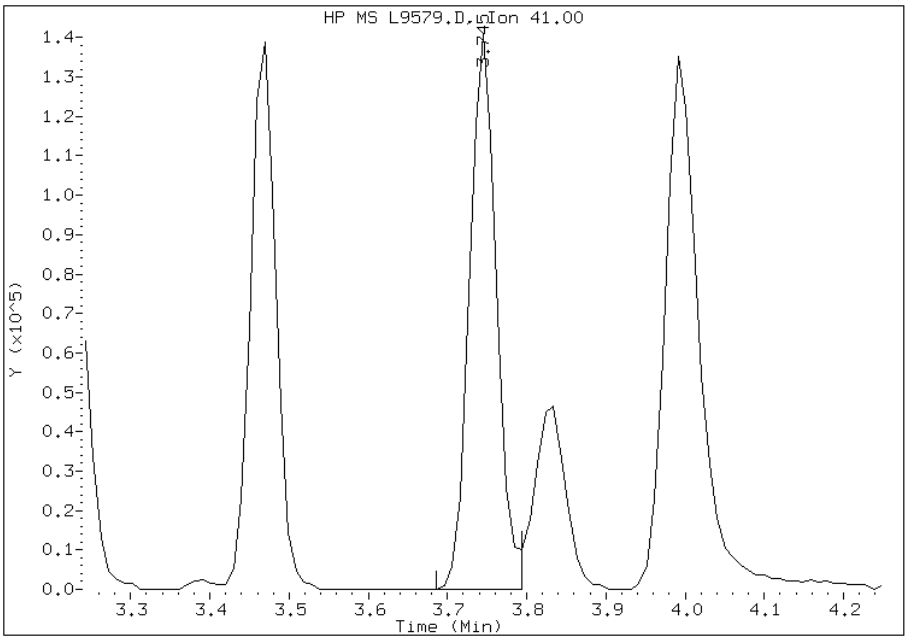
Manual Integration Results

RT: 3.75

Response: 343150

Amount: 49

Conc: 49



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9579.D
Inj. Date and Time: 12-MAY-2011 20:01
Instrument ID: msl.i
Client ID: IC;50
Compound: 67 1,4-Dioxane
CAS #: 123-91-1
Report Date: 05/12/2011

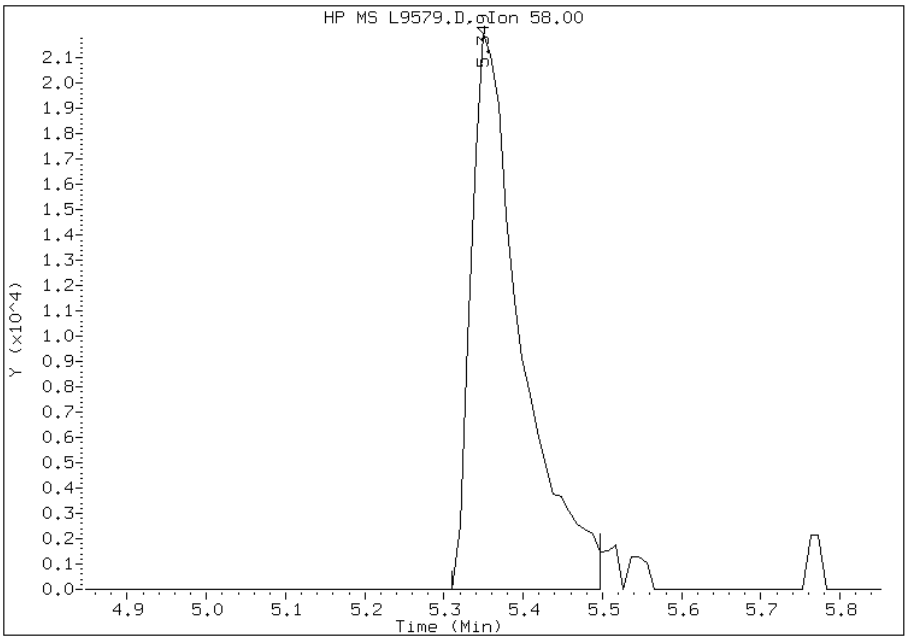
Processing Integration Results

RT: 5.35

Response: 97576

Amount: 502

Conc: 502



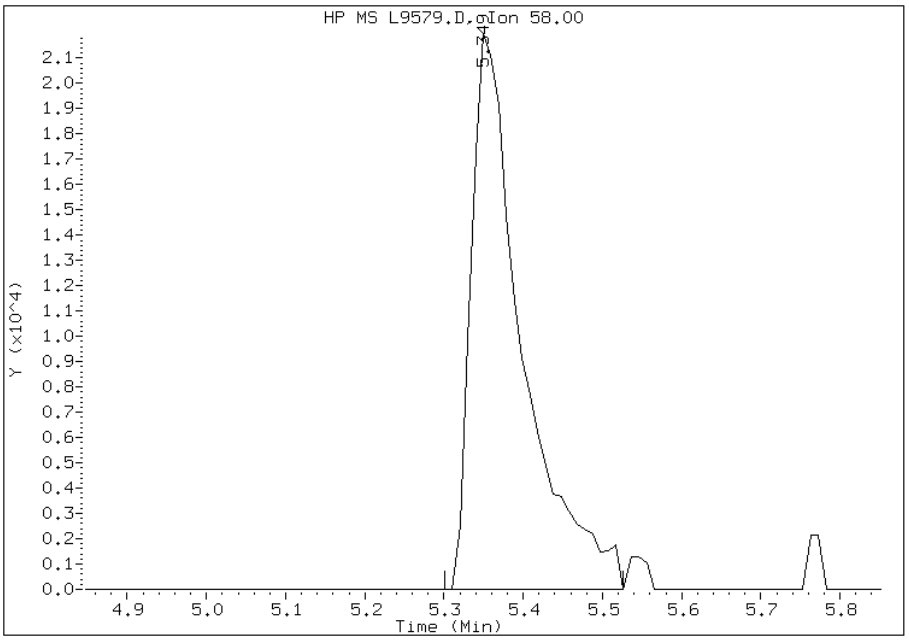
Manual Integration Results

RT: 5.35

Response: 99539

Amount: 510

Conc: 510



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9579.D
Inj. Date and Time: 12-MAY-2011 20:01
Instrument ID: msl.i
Client ID: IC;50
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/12/2011

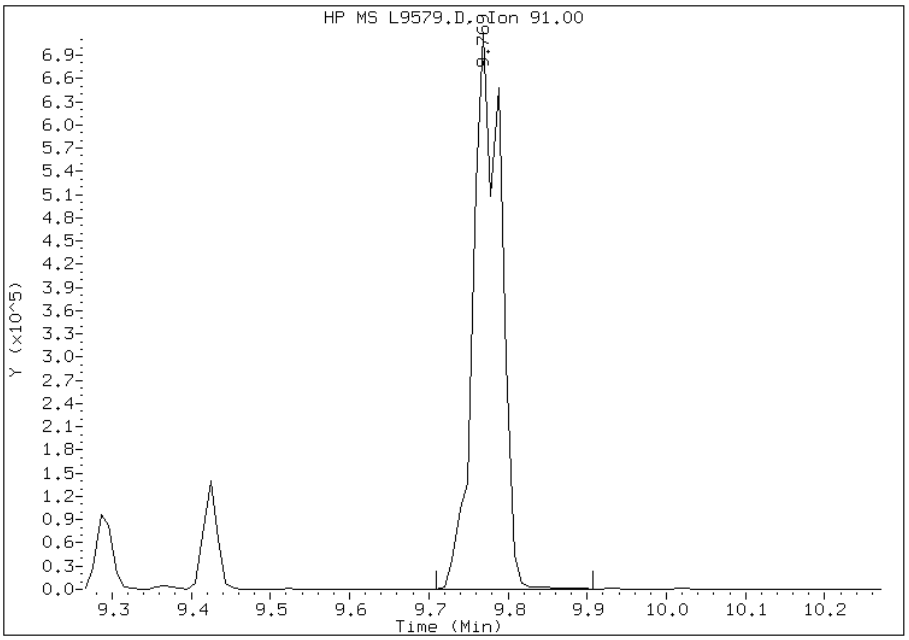
Processing Integration Results

RT: 9.77

Response: 1796558

Amount: 62

Conc: 62



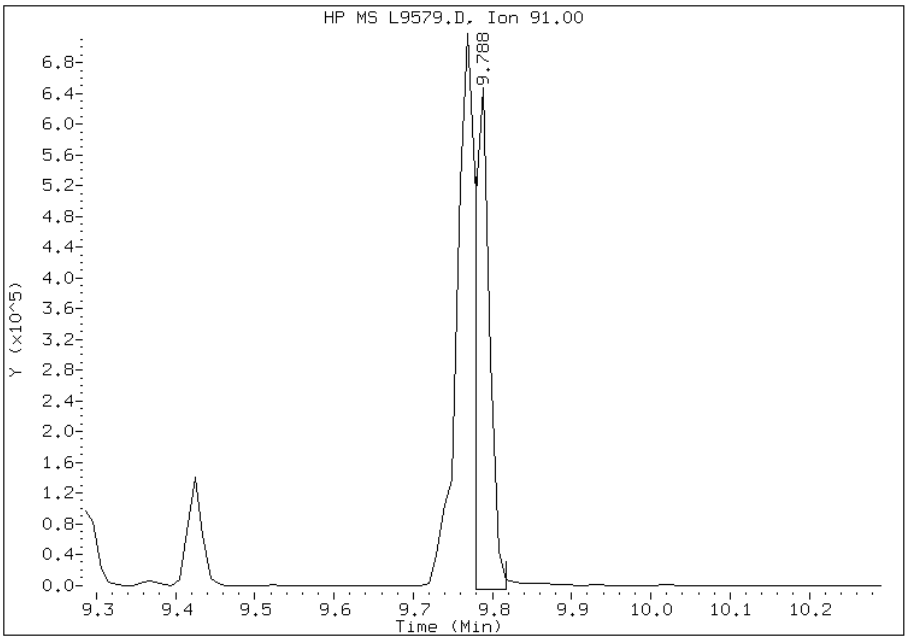
Manual Integration Results

RT: 9.79

Response: 902790

Amount: 35

Conc: 35



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9579.D
Inj. Date and Time: 12-MAY-2011 20:01
Instrument ID: msl.i
Client ID: IC;50
Compound: 16 Iodomethane
CAS #: 74-88-4
Report Date: 05/12/2011

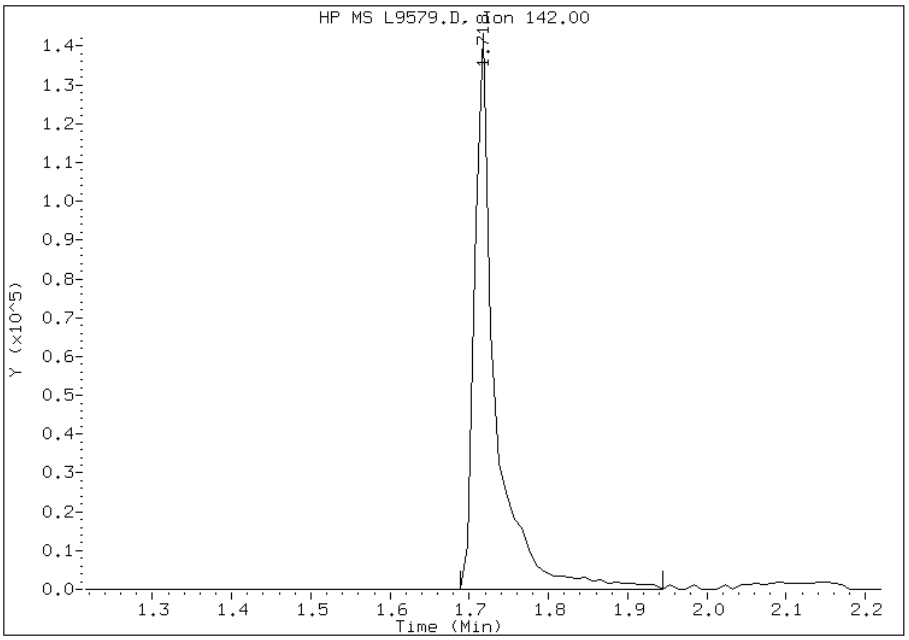
Processing Integration Results

RT: 1.72

Response: 270898

Amount: 43

Conc: 43



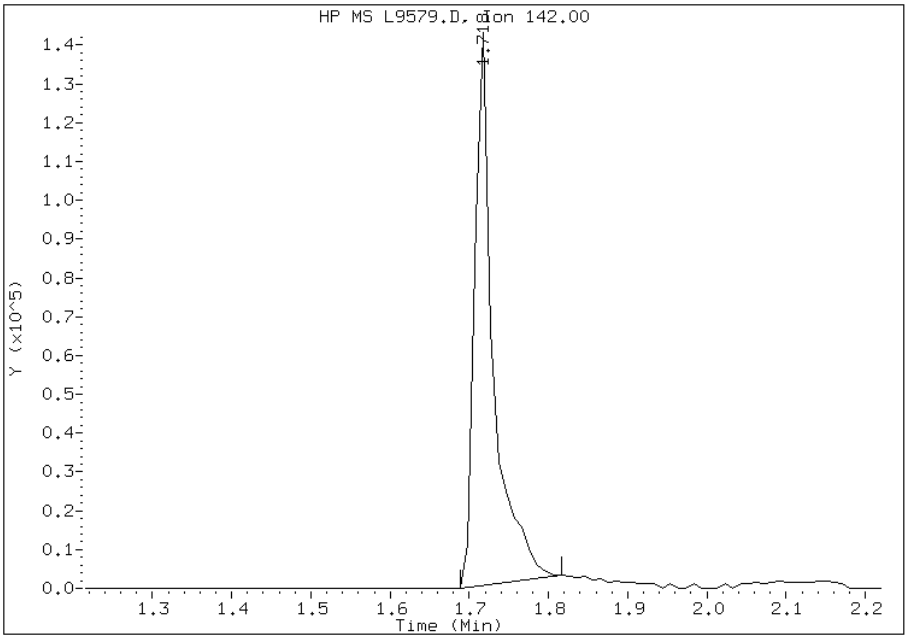
Manual Integration Results

RT: 1.72

Response: 241852

Amount: 40

Conc: 40



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9579.D
Inj. Date and Time: 12-MAY-2011 20:01
Instrument ID: msl.i
Client ID: IC;50
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/12/2011

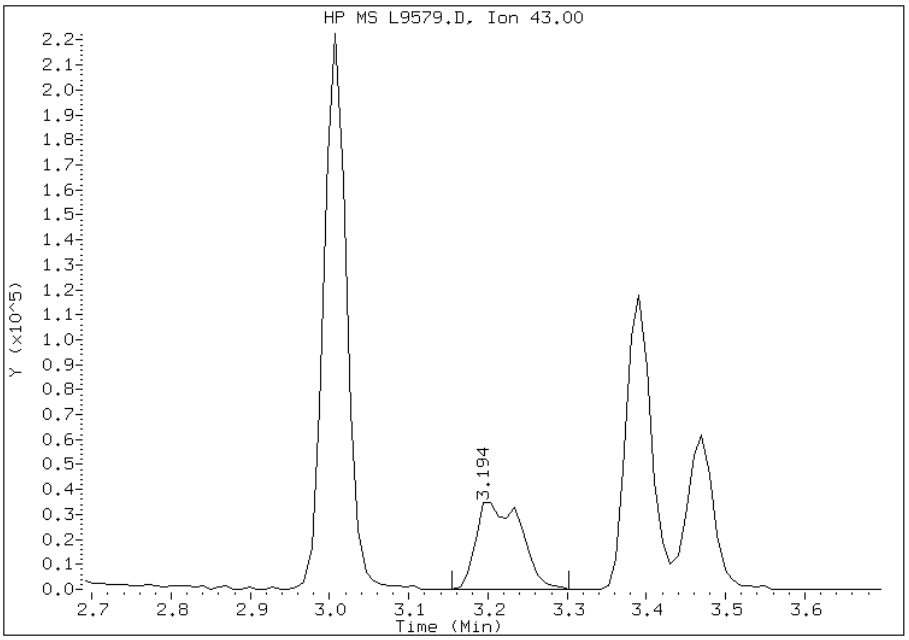
Processing Integration Results

RT: 3.19

Response: 139541

Amount: 137

Conc: 137



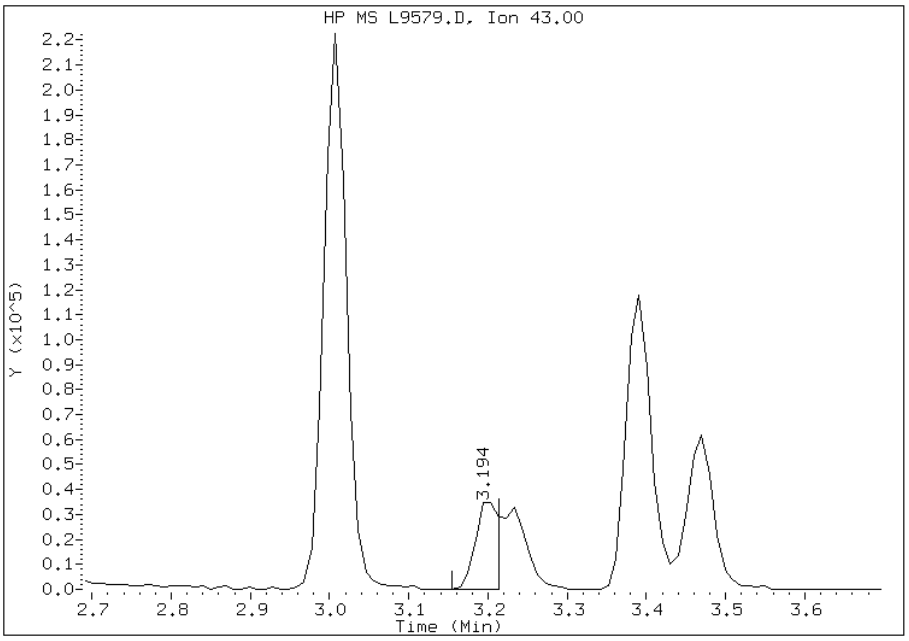
Manual Integration Results

RT: 3.19

Response: 74643

Amount: 98

Conc: 98



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9579.D
Inj. Date and Time: 12-MAY-2011 20:01
Instrument ID: msl.i
Client ID: IC;50
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/12/2011

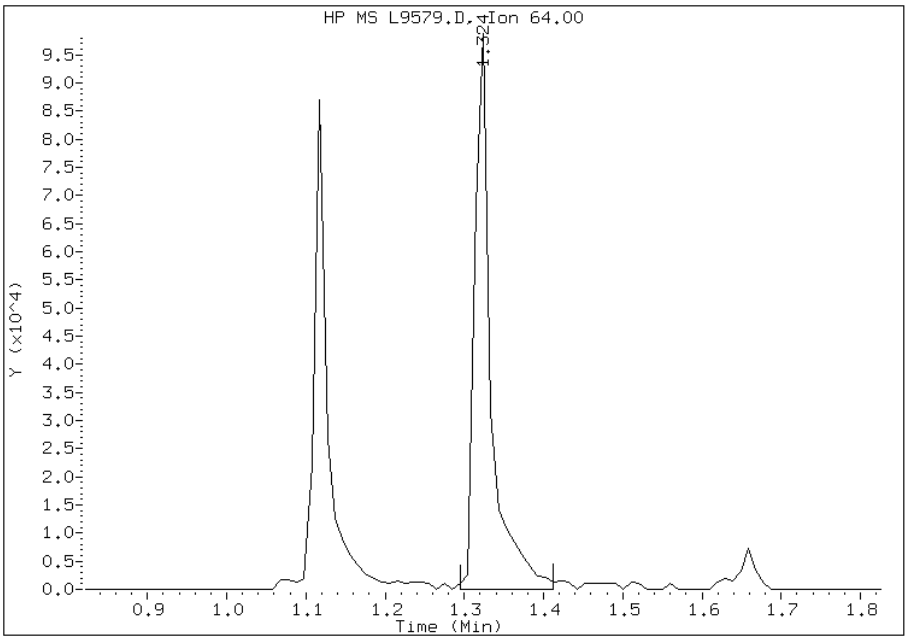
Processing Integration Results

RT: 1.32

Response: 148652

Amount: 47

Conc: 47



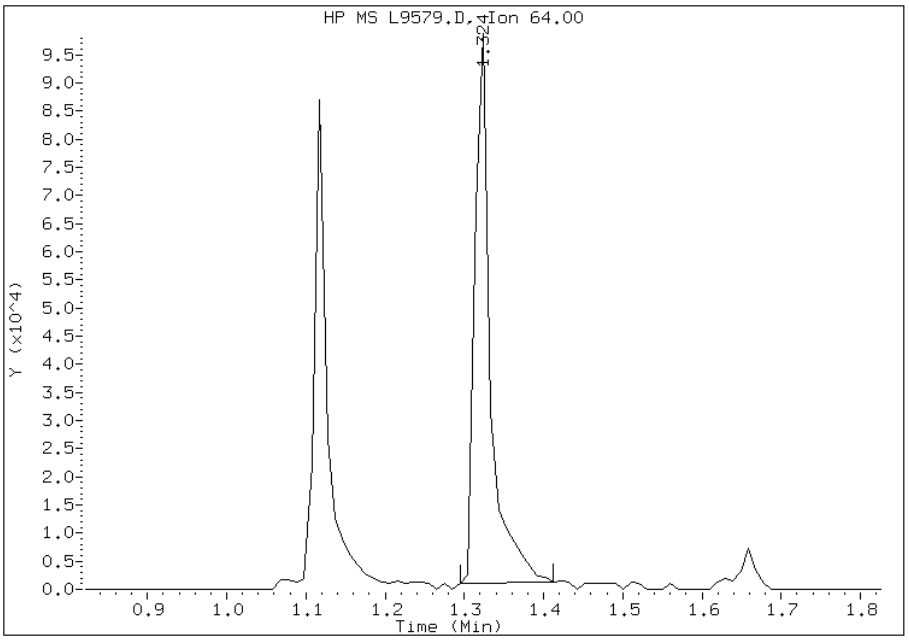
Manual Integration Results

RT: 1.32

Response: 139600

Amount: 45

Conc: 45



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119576.b\L9580.D
Lab Smp Id: IC;20 Client Smp ID: IC;20
Inj Date : 12-MAY-2011 20:25 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;20
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119576.b\L8260BNW.m
Meth Date : 12-May-2011 22:34 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 20:25 Cal File: L9580.D
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.213	4.213	(1.000)	918887	25.0000	
2	Dichlorodifluoromethane	85	0.994	0.994	(0.236)	80477	20.0000	19
3	Chloromethane	50	1.093	1.093	(0.259)	135893	20.0000	17
4	Vinyl Chloride	62	1.112	1.112	(0.264)	110581	20.0000	17
5	Bromomethane	94	1.270	1.270	(0.301)	69290	20.0000	21(M)
6	Chloroethane	64	1.319	1.319	(0.313)	67086	20.0000	22(M)
7	Trichlorofluoromethane	101	1.388	1.388	(0.330)	148335	20.0000	19
8	Dichlorofluoromethane	67	1.408	1.408	(0.334)	169912	20.0000	19
9	Ethyl Ether	45	1.516	1.516	(0.360)	82373	20.0000	21
10	Ethanol	45	1.575	1.575	(0.374)	67482	200.000	190(M)
12	Freon 123	67	1.634	1.634	(0.388)	25571	20.0000	20(M)
13	Trichlorotrifluoroethane	101	1.644	1.644	(0.390)	99098	20.0000	20
14	1,1-Dichloroethene	96	1.634	1.634	(0.388)	97529	20.0000	17
15	Carbon Disulfide	76	1.664	1.664	(0.395)	393226	20.0000	20
16	Iodomethane	142	1.713	1.713	(0.407)	77761	20.0000	21
17	Acrolein	56	1.801	1.801	(0.428)	514395	100.000	110
19	3-Chloro-1-Propene	41	1.870	1.870	(0.444)	208082	20.0000	19
20	Methylene Chloride	84	1.939	1.939	(0.460)	193287	20.0000	20
21	Acetone	43	1.959	1.959	(0.465)	71090	20.0000	21
22	trans-1,2-Dichloroethene	96	2.028	2.028	(0.481)	137593	20.0000	18
23	Methyl Acetate	43	2.018	2.018	(0.479)	969339	20.0000	22
24	Methyl tert-Butyl Ether	73	2.077	2.077	(0.493)	451237	20.0000	21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.126	2.126	(0.505)	128849	100.000	110
	26 Acetonitrile	41	2.254	2.254	(0.535)	610446	200.000	200(M)
	27 Isopropyl ether	45	2.313	2.313	(0.549)	534268	20.0000	19
	28 tert-Butyl ethyl ether	59	2.579	2.579	(0.612)	491675	20.0000	21
	29 2-Chloro-1,3-Butadiene	88	2.412	2.412	(0.573)	105199	20.0000	19
	30 Acrylonitrile	53	2.461	2.461	(0.584)	166538	40.0000	42
	31 1,1-Dichloroethane	63	2.431	2.431	(0.577)	229532	20.0000	18
	32 Vinyl Acetate	43	2.599	2.599	(0.617)	1069328	20.0000	21
	33 cis-1,2-Dichloroethene	96	2.845	2.845	(0.675)	169261	20.0000	19
	34 2,2-Dichloropropane	77	2.933	2.933	(0.696)	160900	20.0000	18
	35 Bromochloromethane	128	3.022	3.022	(0.717)	91775	20.0000	21
	37 Cyclohexane	84	3.022	3.022	(0.717)	111994	20.0000	21
	38 Chloroform	83	3.081	3.081	(0.731)	244330	20.0000	19
	39 Ethyl Acetate	43	3.199	3.199	(0.759)	30811	40.0000	42(M)
	40 Methyl Acrylate	55	3.209	3.209	(0.762)	187169	20.0000	21
$	41 Dibromofluoromethane	111	3.258	3.258	(0.773)	157949	20.0000	20
	42 Tetrahydrofuran	42	3.238	3.238	(0.769)	144628	40.0000	43
	43 Carbon Tetrachloride	117	3.219	3.219	(0.764)	112451	20.0000	20
	44 1,1,1-Trichloroethane	97	3.288	3.288	(0.780)	161057	20.0000	20
	45 2-Butanone	43	3.386	3.386	(0.804)	111350	20.0000	21
	46 1,1-Dichloropropene	75	3.416	3.416	(0.811)	144661	20.0000	20
	47 tert-Amyl methyl ether	73	3.829	3.829	(0.909)	465227	20.0000	20
	49 1-Chlorobutane	56	3.465	3.465	(0.822)	200682	20.0000	17
	51 Propionitrile	54	3.721	3.721	(0.883)	318507	200.000	220
	52 Benzene	78	3.681	3.681	(0.874)	511240	20.0000	18
	53 2-Methyl-2-Propenenitrile	41	3.740	3.740	(0.888)	177417	20.0000	23(M)
	54 Isobutyl alcohol	42	3.996	3.996	(0.949)	158760	200.000	220
$	55 1,2-Dichloroethane-d4	65	3.849	3.849	(0.914)	158087	20.0000	21
	56 1,2-Dichloroethane	62	3.937	3.937	(0.935)	178742	20.0000	20
	59 Methyl Cyclohexane	83	4.400	4.400	(1.044)	112683	20.0000	17
	60 Trichloroethene	130	4.419	4.419	(1.049)	122264	20.0000	20
	63 Dibromomethane	93	4.912	4.912	(1.166)	129035	20.0000	20
	64 1,2-Dichloropropane	63	5.030	5.030	(1.194)	149451	20.0000	19
	65 Bromodichloromethane	83	5.118	5.118	(1.215)	198330	20.0000	20
	66 Methyl Methacrylate	69	5.335	5.335	(1.266)	138676	20.0000	21
	67 1,4-Dioxane	58	5.355	5.355	(1.271)	40205	200.000	210
	69 2-Chloroethylvinylether	63	5.768	5.768	(1.369)	277448	20.0000	21
	70 cis-1,3-Dichloropropene	75	5.807	5.807	(1.378)	243403	20.0000	20
	71 Chloroacetonitrile	48	6.221	6.221	(1.477)	88680	200.000	210
	72 2-Nitropropane	41	6.280	6.280	(1.491)	98110	40.0000	41
	73 trans-1,3-Dichloropropene	75	6.477	6.477	(1.537)	232326	20.0000	20
	74 1,1,2-Trichloroethane	97	6.624	6.624	(1.572)	158551	20.0000	20
*	75 Chlorobenzene-d5	117	7.461	7.461	(1.000)	721166	25.0000	
	76 Toluene	91	6.034	6.034	(0.809)	533557	20.0000	18
$	77 Toluene-d8	98	5.984	5.984	(0.802)	442143	20.0000	19
	78 1,1-Dichloro-2-propanone	43	6.290	6.290	(0.843)	607865	100.000	100
	79 4-Methyl-2-Pentanone	43	6.447	6.447	(0.864)	225562	20.0000	21
	80 Tetrachloroethene	164	6.418	6.418	(0.860)	78254	20.0000	20
	81 Ethyl Methacrylate	69	6.664	6.664	(0.893)	240414	20.0000	20
	82 Dibromochloromethane	129	6.782	6.782	(0.909)	166148	20.0000	19
	83 1,3-Dichloropropane	76	6.870	6.870	(0.921)	255077	20.0000	19
	84 1,2-Dibromoethane	107	6.979	6.979	(0.935)	190739	20.0000	20
	86 2-Hexanone	43	7.244	7.244	(0.971)	160701	20.0000	21
	87 1-Chlorohexane	91	7.490	7.490	(1.004)	145283	20.0000	16(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	88 Chlorobenzene	112	7.480	7.480	(1.003)	355343	20.0000	19
	89 1,1,1,2-Tetrachloroethane	131	7.549	7.549	(1.012)	125343	20.0000	18
	90 Ethylbenzene	106	7.520	7.520	(1.008)	148883	20.0000	17
	91 Xylene (total)mp	106	7.658	7.658	(1.026)	386634	40.0000	36
	92 Xylene (total)o	106	8.032	8.032	(1.077)	202052	20.0000	19
	93 Styrene	104	8.091	8.091	(1.084)	372666	20.0000	19
	94 Bromoform	173	8.091	8.091	(1.084)	125558	20.0000	19
*	95 1,4-Dichlorobenzene-d4	152	9.528	9.528	(1.000)	308945	25.0000	
	96 Isopropylbenzene	105	8.317	8.317	(0.873)	352195	20.0000	18
	97 Bromobenzene	156	8.632	8.632	(0.906)	155079	20.0000	20
	98 1,1,2,2-Tetrachloroethane	83	8.760	8.760	(0.919)	249528	20.0000	21
	99 4-Ethyltoluene	105	8.790	8.790	(0.923)	386037	20.0000	19
	100 1,2,3-Trichloropropane	110	8.858	8.858	(0.930)	65230	20.0000	22
	101 trans-1,4-Dichloro-2-Butene	53	8.908	8.908	(0.935)	112425	40.0000	43
	102 n-Propylbenzene	91	8.681	8.681	(0.911)	474633	20.0000	19
	103 2-Chlorotoluene	91	8.809	8.809	(0.925)	375549	20.0000	19
	104 4-Chlorotoluene	91	8.957	8.957	(0.940)	361494	20.0000	19
	105 1,3,5-Trimethylbenzene	105	8.868	8.868	(0.931)	322081	20.0000	19
	106 tert-Butylbenzene	119	9.134	9.134	(0.959)	220046	20.0000	18
	107 1,2,4-Trimethylbenzene	105	9.203	9.203	(0.966)	346879	20.0000	20
	108 sec-Butylbenzene	105	9.292	9.292	(0.975)	381709	20.0000	19
	109 4-Isopropyltoluene	119	9.419	9.419	(0.989)	287035	20.0000	19
	110 1,3-Dichlorobenzene	146	9.459	9.459	(0.993)	217169	20.0000	20
	111 1,4-Dichlorobenzene	146	9.538	9.538	(1.001)	228760	20.0000	20
	112 1,2-Dichlorobenzene	146	9.902	9.902	(1.039)	225640	20.0000	20
	113 Benzyl Chloride	126	9.764	9.764	(1.025)	73237	20.0000	20
	114 1,4-Diethylbenzene	119	9.744	9.744	(2.313)	149551	20.0000	19
	115 n-Butylbenzene	91	9.784	9.784	(1.027)	425663	20.0000	19(M)
	118 1,2,4,5-Tetramethylbenzene	119	10.443	10.443	(2.479)	305560	20.0000	20
	119 1,2-Dibromo-3-chloropropane	75	10.601	10.601	(1.113)	34674	20.0000	21
	120 Nitrobenzene	77	11.093	11.093	(1.164)	177392	200.000	190(M)
	121 1,2,4-Trichlorobenzene	180	11.191	11.191	(1.175)	142916	20.0000	20
	122 Hexachlorobutadiene	225	11.181	11.181	(1.174)	68982	20.0000	20
	123 Naphthalene	128	11.467	11.467	(1.203)	485770	20.0000	21
	124 1,2,3-Trichlorobenzene	180	11.634	11.634	(1.221)	141306	20.0000	20
$	125 Bromofluorobenzene	95	8.553	8.553	(0.898)	184200	20.0000	20
M	126 1,2-Dichloroethene (total)	100				306854	40.0000	38
M	127 Xylene (total)	100				588686	60.0000	55

QC Flag Legend

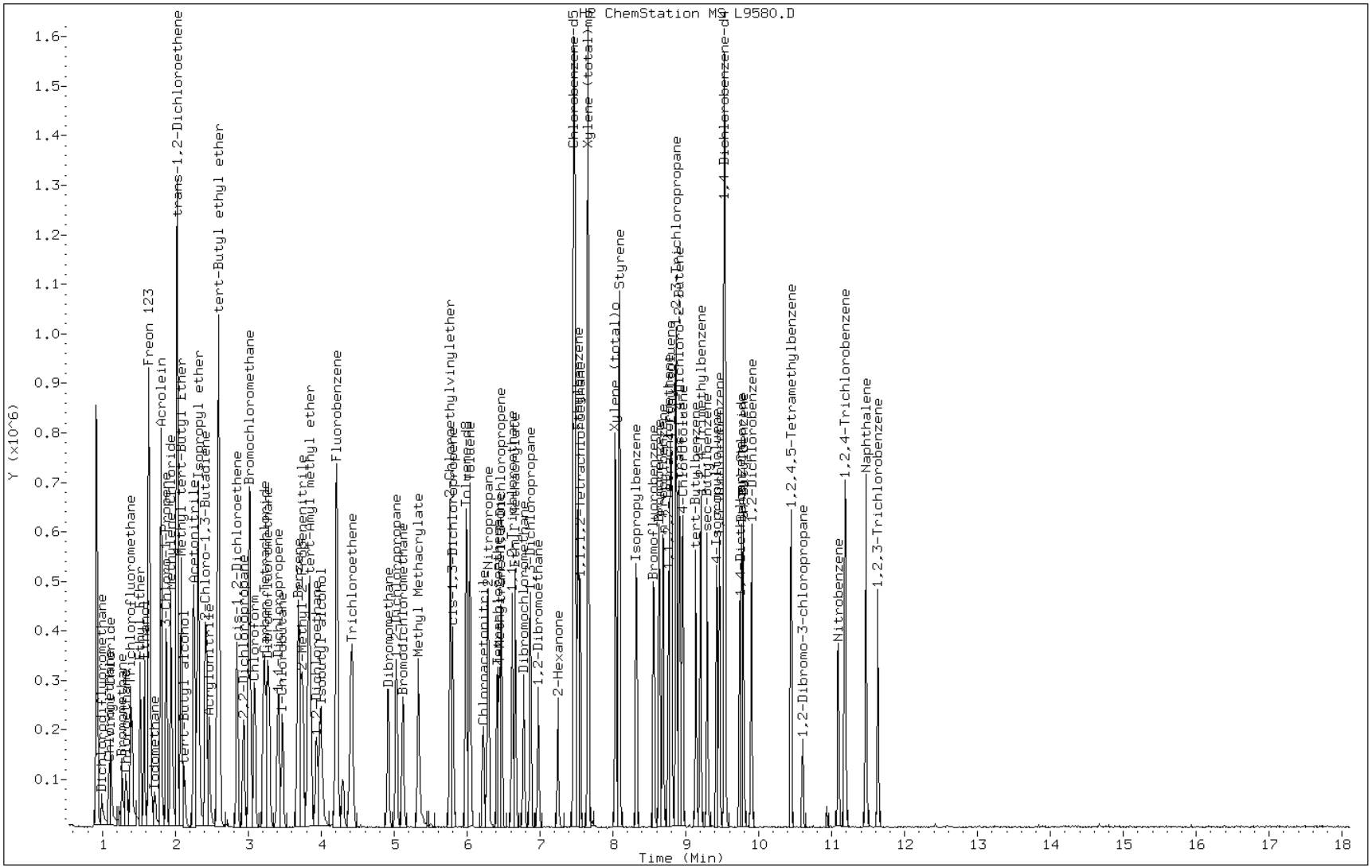
M - Compound response manually integrated.

Data File: L9580.D

Date: 12-MAY-2011 20:25

Client ID: IC;20 Instrument: msl.i

Sample Info: IC;20 Operator: E. LYNCH



Manual Integration Report

Data File: L9580.D
Inj. Date and Time: 12-MAY-2011 20:25
Instrument ID: msl.i
Client ID: IC;20
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 05/12/2011

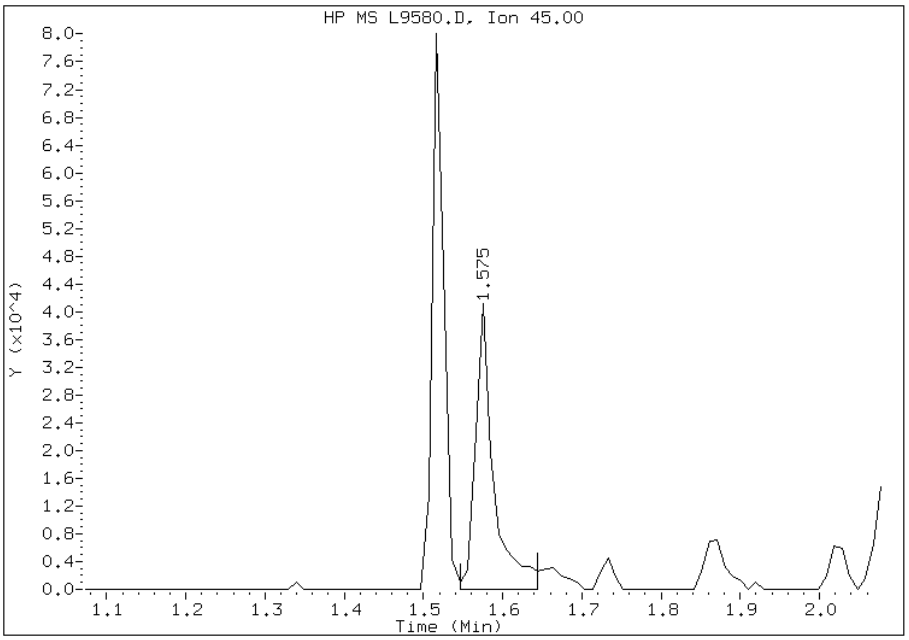
Processing Integration Results

RT: 1.58

Response: 67482

Amount: 192

Conc: 192



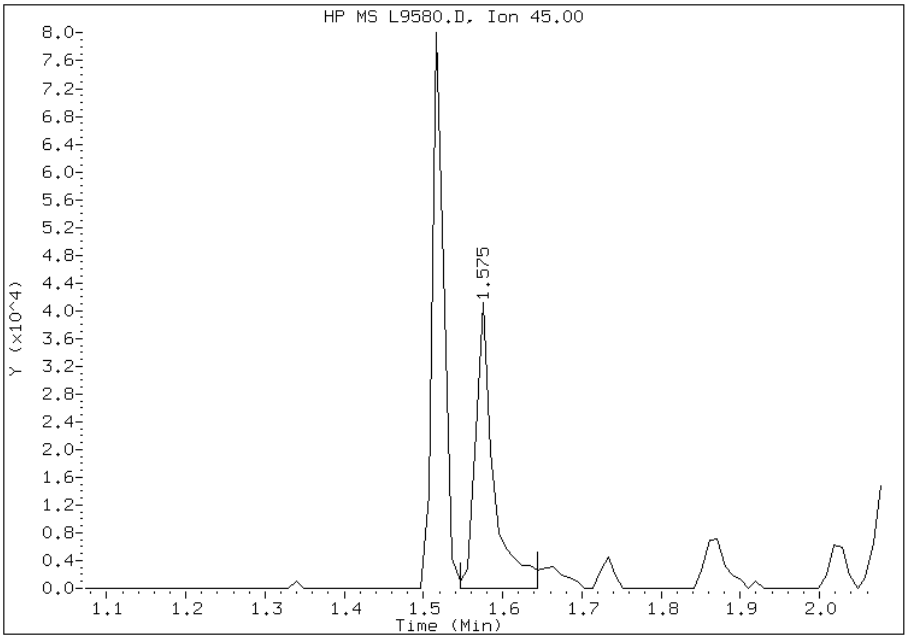
Manual Integration Results

RT: 1.58

Response: 67482

Amount: 190

Conc: 190



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9580.D
Inj. Date and Time: 12-MAY-2011 20:25
Instrument ID: msl.i
Client ID: IC;20
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/12/2011

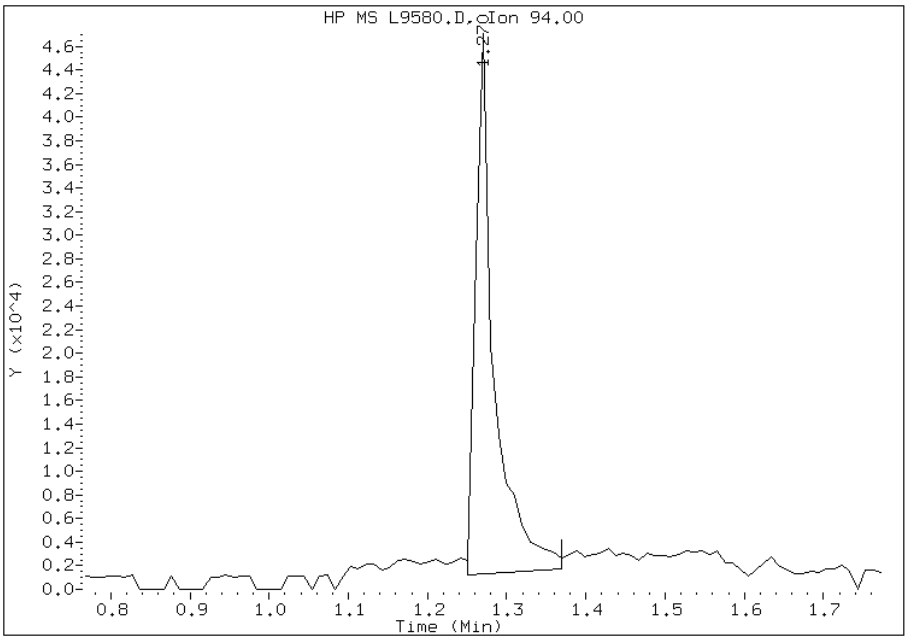
Processing Integration Results

RT: 1.27

Response: 77658

Amount: 17

Conc: 17



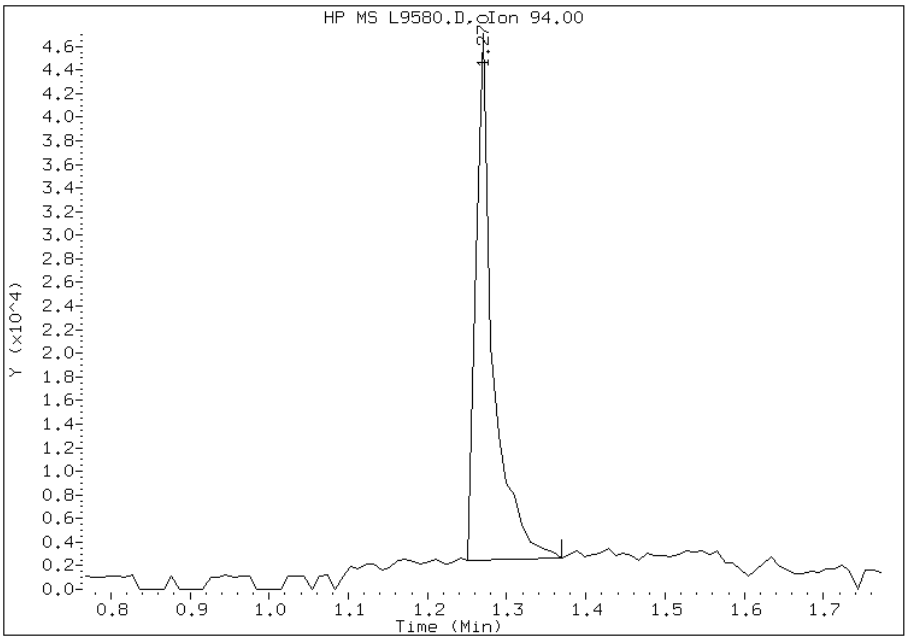
Manual Integration Results

RT: 1.27

Response: 69290

Amount: 21

Conc: 21



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9580.D
Inj. Date and Time: 12-MAY-2011 20:25
Instrument ID: msl.i
Client ID: IC;20
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/12/2011

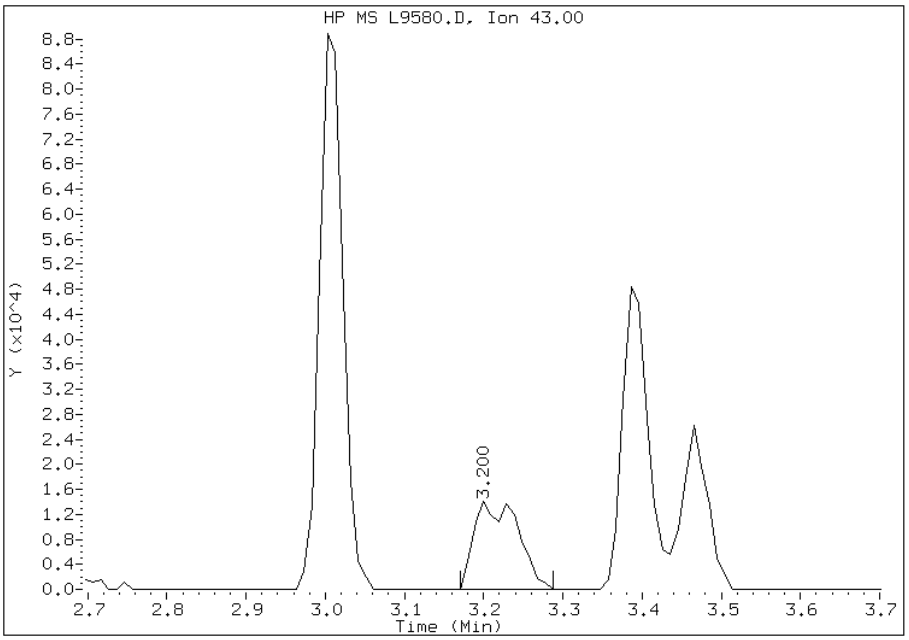
Processing Integration Results

RT: 3.20

Response: 55037

Amount: 64

Conc: 64



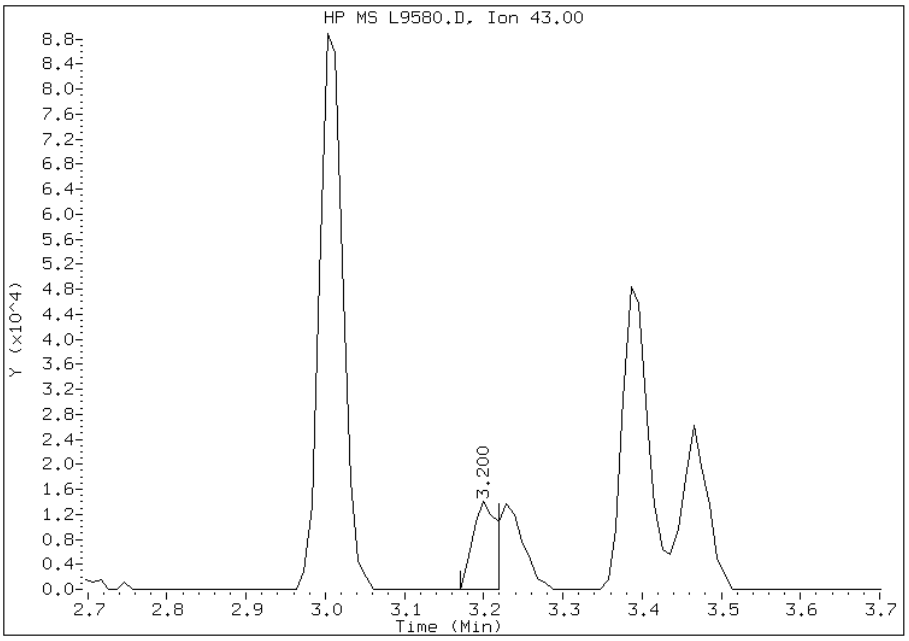
Manual Integration Results

RT: 3.20

Response: 30811

Amount: 42

Conc: 42



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9580.D
Inj. Date and Time: 12-MAY-2011 20:25
Instrument ID: msl.i
Client ID: IC;20
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/12/2011

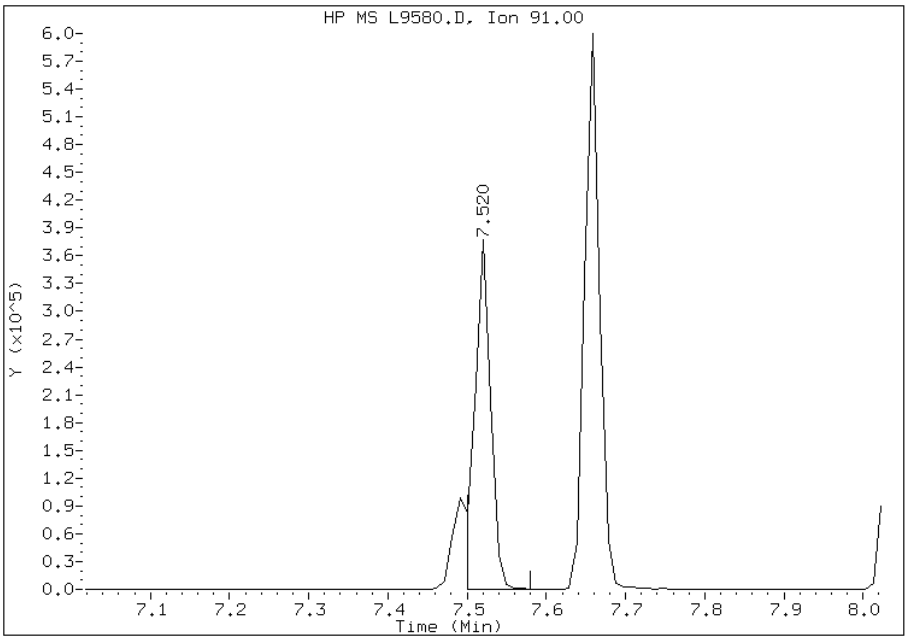
Processing Integration Results

RT: 7.52

Response: 548802

Amount: 34

Conc: 34



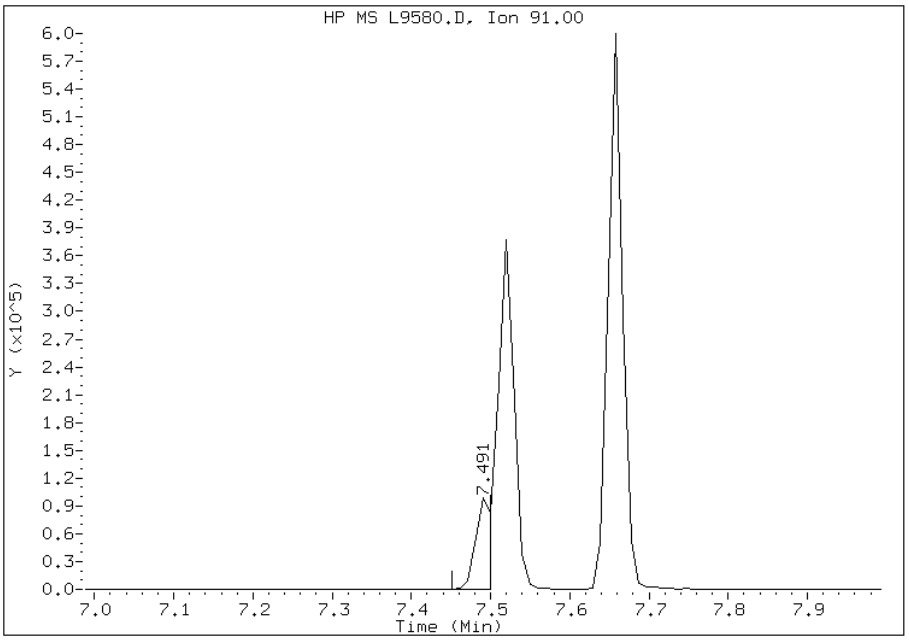
Manual Integration Results

RT: 7.49

Response: 145283

Amount: 16

Conc: 16



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9580.D
Inj. Date and Time: 12-MAY-2011 20:25
Instrument ID: msl.i
Client ID: IC;20
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/12/2011

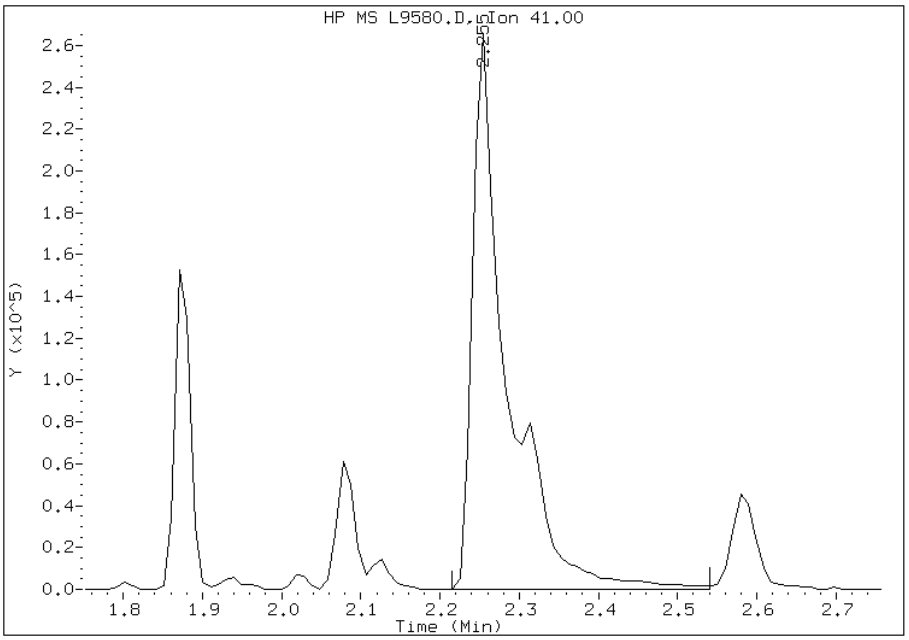
Processing Integration Results

RT: 2.25

Response: 827954

Amount: 247

Conc: 247



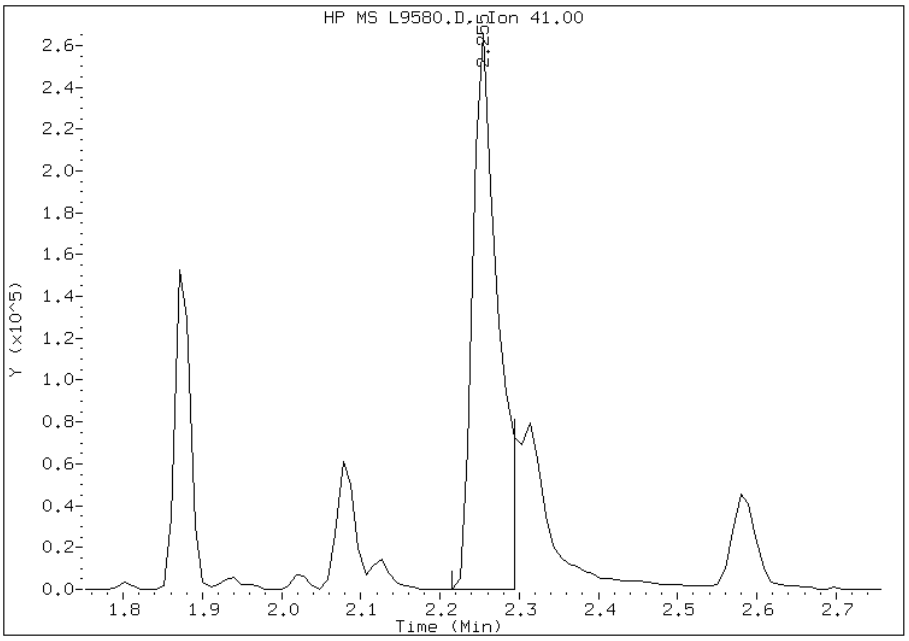
Manual Integration Results

RT: 2.25

Response: 610446

Amount: 204

Conc: 204



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9580.D
Inj. Date and Time: 12-MAY-2011 20:25
Instrument ID: msl.i
Client ID: IC;20
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/12/2011

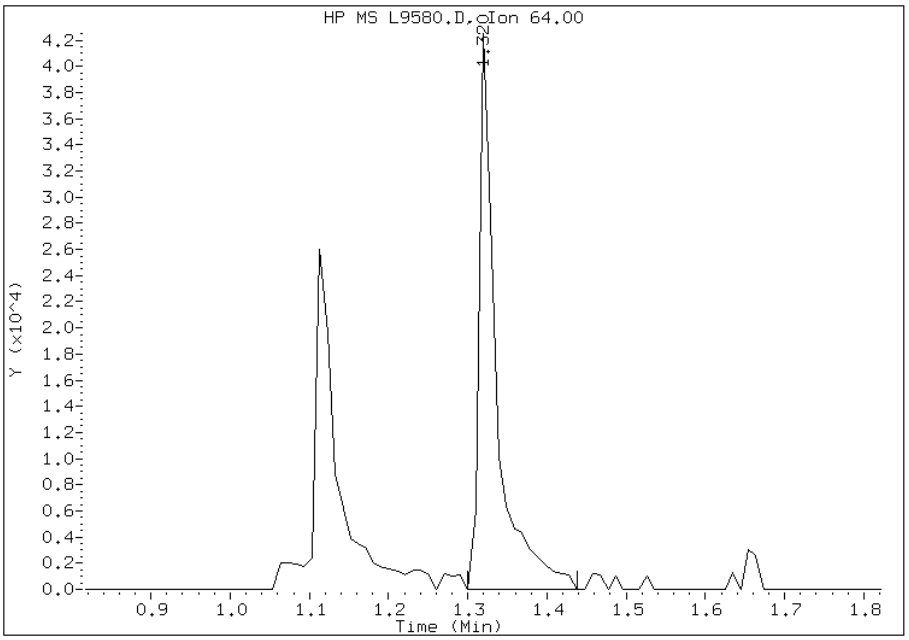
Processing Integration Results

RT: 1.32

Response: 67086

Amount: 22

Conc: 22



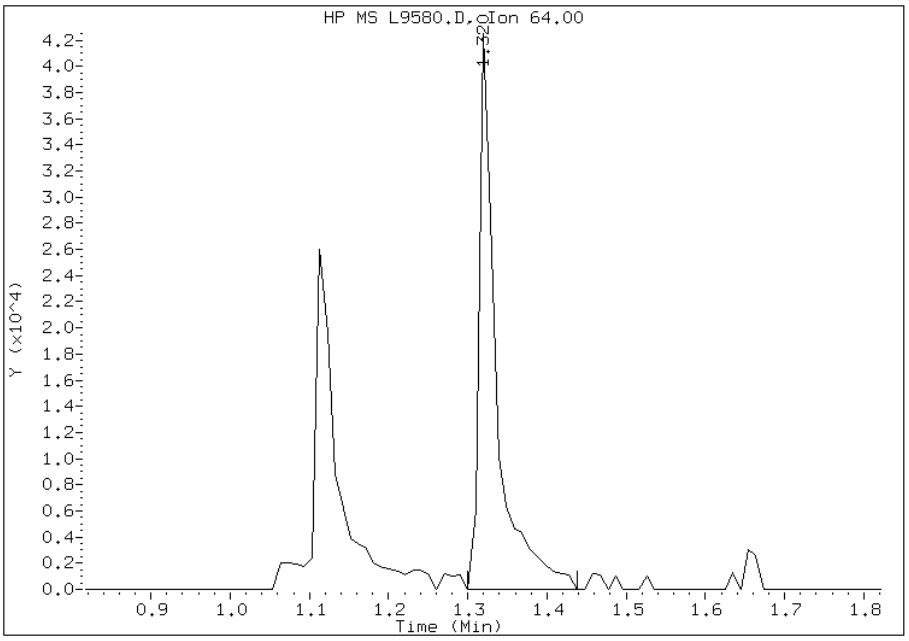
Manual Integration Results

RT: 1.32

Response: 67086

Amount: 22

Conc: 22



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9580.D
Inj. Date and Time: 12-MAY-2011 20:25
Instrument ID: msl.i
Client ID: IC;20
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/12/2011

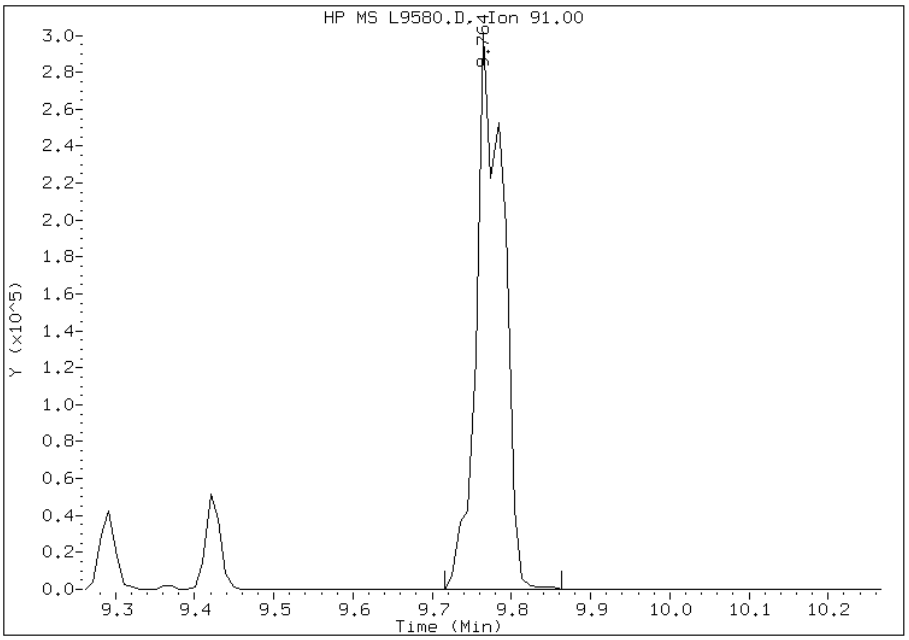
Processing Integration Results

RT: 9.76

Response: 731466

Amount: 29

Conc: 29



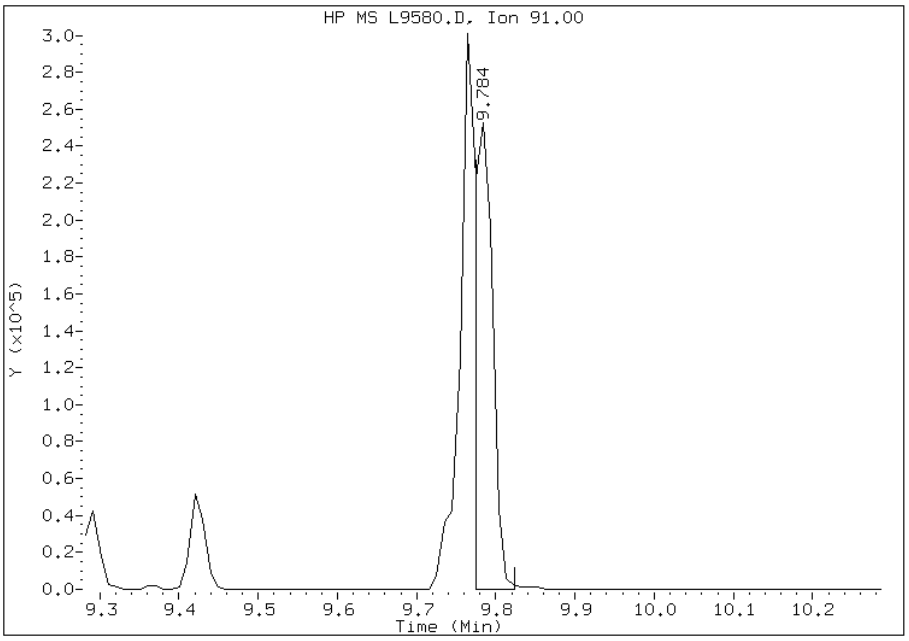
Manual Integration Results

RT: 9.78

Response: 425663

Amount: 19

Conc: 19



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9580.D
Inj. Date and Time: 12-MAY-2011 20:25
Instrument ID: msl.i
Client ID: IC;20
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/12/2011

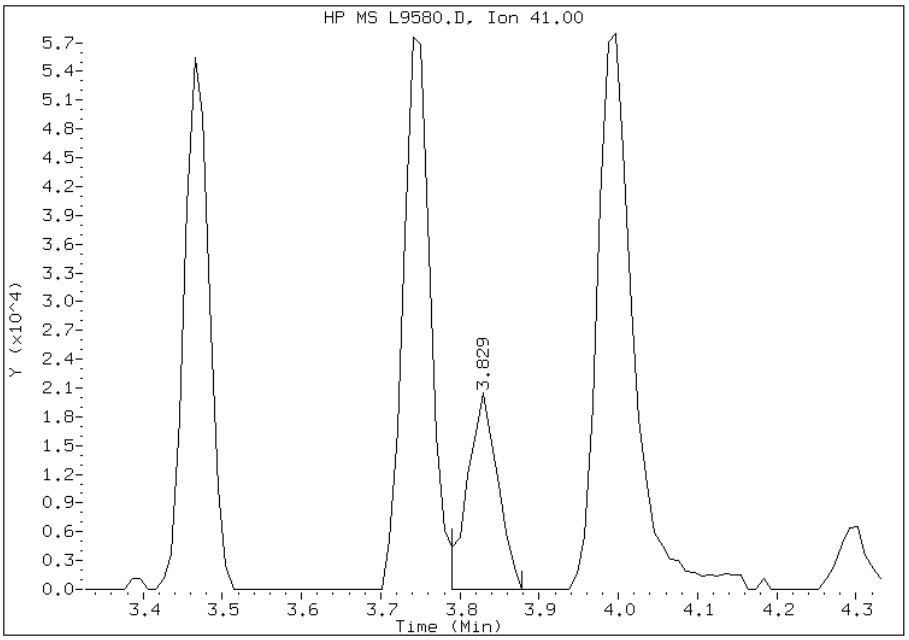
Processing Integration Results

RT: 3.83

Response: 55368

Amount: 10

Conc: 10



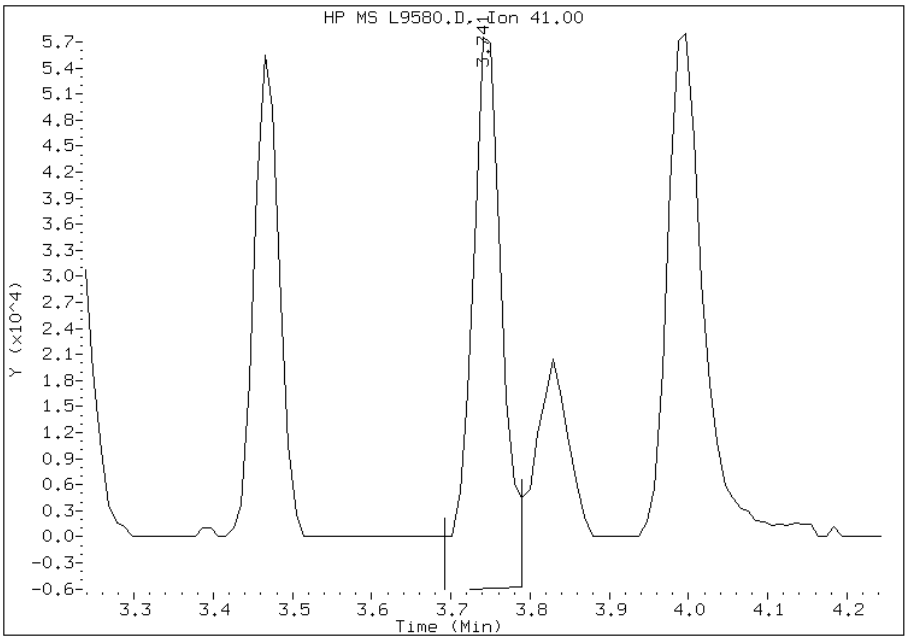
Manual Integration Results

RT: 3.74

Response: 177417

Amount: 23

Conc: 23



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9580.D
Inj. Date and Time: 12-MAY-2011 20:25
Instrument ID: msl.i
Client ID: IC;20
Compound: 120 Nitrobenzene
CAS #: 98-95-3
Report Date: 05/12/2011

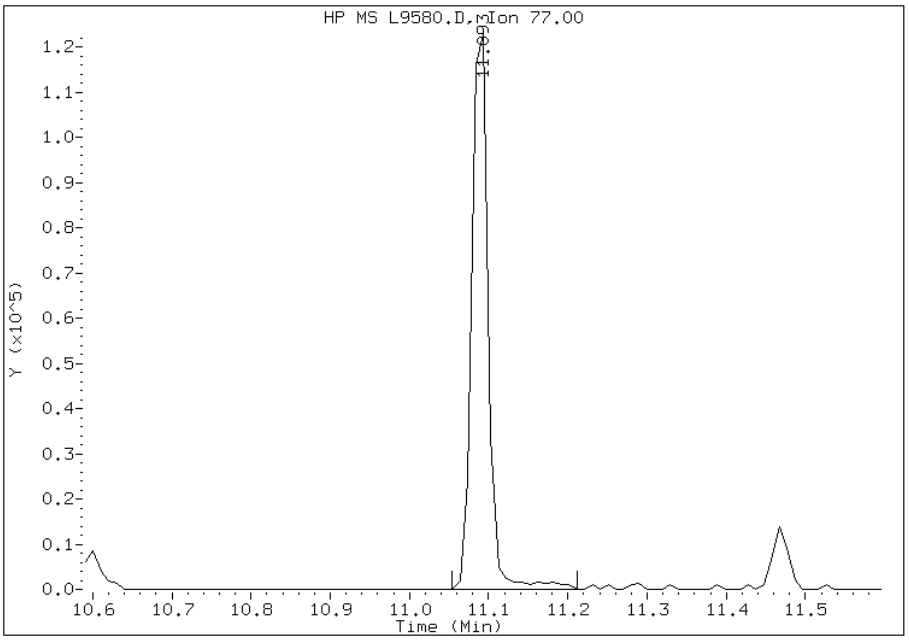
Processing Integration Results

RT: 11.09

Response: 186940

Amount: 198

Conc: 198



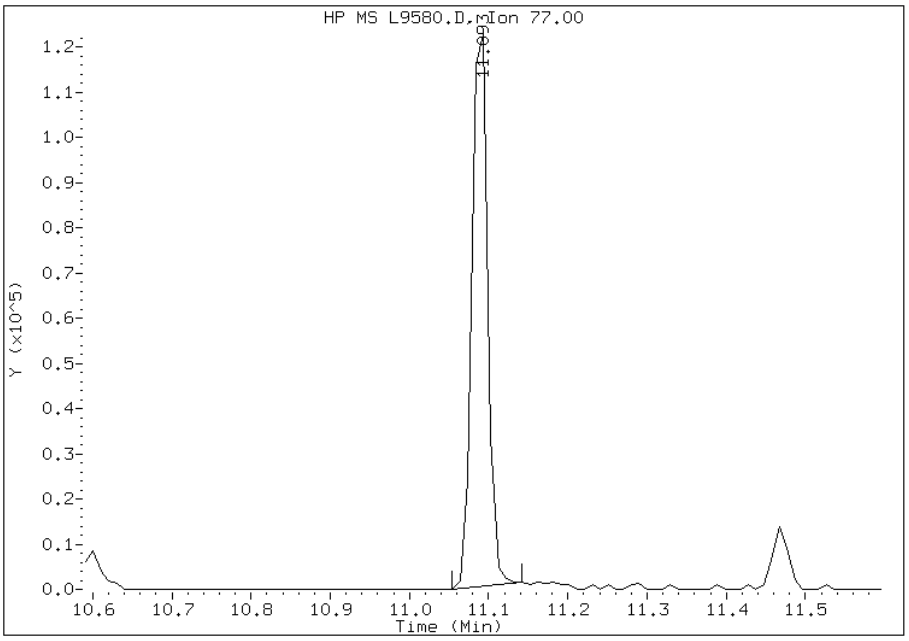
Manual Integration Results

RT: 11.09

Response: 177392

Amount: 189

Conc: 189



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\files\Chem\VOA\msl.i\L119576.b\L9581.D
Lab Smp Id: IC;5 Client Smp ID: IC;5
Inj Date : 12-MAY-2011 20:49 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : IC;5
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119576.b\L8260BNW.m
Meth Date : 12-May-2011 22:34 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 20:49 Cal File: L9581.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.205	4.205	(1.000)	950462	25.0000	
2	Dichlorodifluoromethane	85	0.987	0.987	(0.235)	22681	5.00000	9
3	Chloromethane	50	1.085	1.085	(0.258)	38807	5.00000	5
4	Vinyl Chloride	62	1.115	1.115	(0.265)	32604	5.00000	5
5	Bromomethane	94	1.272	1.272	(0.303)	22162	5.00000	6(M)
6	Chloroethane	64	1.322	1.322	(0.314)	24934	5.00000	8(M)
7	Trichlorofluoromethane	101	1.381	1.381	(0.328)	42442	5.00000	6
8	Dichlorofluoromethane	67	1.400	1.400	(0.333)	49260	5.00000	5
9	Ethyl Ether	45	1.518	1.518	(0.361)	19159	5.00000	5
10	Ethanol	45	1.577	1.577	(0.375)	19505	50.0000	53(M)
12	Freon 123	67	1.637	1.637	(0.389)	7345	5.00000	10(M)
13	Trichlorotrifluoroethane	101	1.637	1.637	(0.389)	32164	5.00000	10
14	1,1-Dichloroethene	96	1.627	1.627	(0.387)	30325	5.00000	5
15	Carbon Disulfide	76	1.656	1.656	(0.394)	124180	5.00000	9
16	Iodomethane	142	1.715	1.715	(0.408)	14291	5.00000	13
17	Acrolein	56	1.804	1.804	(0.429)	116638	25.0000	24
19	3-Chloro-1-Propene	41	1.873	1.873	(0.445)	56614	5.00000	5
20	Methylene Chloride	84	1.942	1.942	(0.462)	76503	5.00000	6
21	Acetone	43	1.961	1.961	(0.466)	17800	5.00000	5
22	trans-1,2-Dichloroethene	96	2.030	2.030	(0.483)	39482	5.00000	5
23	Methyl Acetate	43	2.020	2.020	(0.480)	240947	5.00000	5
24	Methyl tert-Butyl Ether	73	2.079	2.079	(0.495)	109267	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.129	2.129	(0.506)	32098	25.0000	27
	26 Acetonitrile	41	2.257	2.257	(0.537)	166643	50.0000	54(M)
	27 Isopropyl ether	45	2.316	2.316	(0.551)	141027	5.00000	5
	28 tert-Butyl ethyl ether	59	2.581	2.581	(0.614)	116385	5.00000	5
	29 2-Chloro-1,3-Butadiene	88	2.414	2.414	(0.574)	31740	5.00000	9
	30 Acrylonitrile	53	2.463	2.463	(0.586)	38932	10.0000	10
	31 1,1-Dichloroethane	63	2.424	2.424	(0.576)	63807	5.00000	5
	32 Vinyl Acetate	43	2.601	2.601	(0.619)	259431	5.00000	5
	33 cis-1,2-Dichloroethene	96	2.847	2.847	(0.677)	43643	5.00000	5
	34 2,2-Dichloropropane	77	2.936	2.936	(0.698)	48025	5.00000	5
	35 Bromochloromethane	128	3.024	3.024	(0.719)	22768	5.00000	5
	37 Cyclohexane	84	3.024	3.024	(0.719)	34247	5.00000	11
	38 Chloroform	83	3.083	3.083	(0.733)	65575	5.00000	5
	39 Ethyl Acetate	43	3.202	3.202	(0.761)	7819	10.0000	10(M)
	40 Methyl Acrylate	55	3.211	3.211	(0.764)	39992	5.00000	4
$	41 Dibromofluoromethane	111	3.261	3.261	(0.775)	39414	5.00000	6
	42 Tetrahydrofuran	42	3.241	3.241	(0.771)	33736	10.0000	10
	43 Carbon Tetrachloride	117	3.221	3.221	(0.766)	33454	5.00000	10
	44 1,1,1-Trichloroethane	97	3.290	3.290	(0.782)	47301	5.00000	9
	45 2-Butanone	43	3.389	3.389	(0.806)	24238	5.00000	4(M)
	46 1,1-Dichloropropene	75	3.418	3.418	(0.813)	44964	5.00000	9
	47 tert-Amyl methyl ether	73	3.831	3.831	(0.911)	110978	5.00000	5
	49 1-Chlorobutane	56	3.467	3.467	(0.824)	62374	5.00000	5
	51 Propionitrile	54	3.723	3.723	(0.885)	79273	50.0000	52
	52 Benzene	78	3.684	3.684	(0.876)	148698	5.00000	5
	54 Isobutyl alcohol	42	3.999	3.999	(0.951)	43660	50.0000	58
$	55 1,2-Dichloroethane-d4	65	3.851	3.851	(0.916)	36496	5.00000	5
	56 1,2-Dichloroethane	62	3.940	3.940	(0.937)	41853	5.00000	4
	59 Methyl Cyclohexane	83	4.402	4.402	(1.047)	35151	5.00000	5
	60 Trichloroethene	130	4.422	4.422	(1.051)	34089	5.00000	8
	63 Dibromomethane	93	4.914	4.914	(1.168)	29675	5.00000	4
	64 1,2-Dichloropropane	63	5.032	5.032	(1.197)	38544	5.00000	5(T)
	65 Bromodichloromethane	83	5.121	5.121	(1.218)	45437	5.00000	4
	66 Methyl Methacrylate	69	5.337	5.337	(1.269)	29316	5.00000	4
	67 1,4-Dioxane	58	5.357	5.357	(1.274)	11068	50.0000	57
	69 2-Chloroethylvinylether	63	5.770	5.770	(1.372)	63857	5.00000	5
	70 cis-1,3-Dichloropropene	75	5.800	5.800	(1.379)	58137	5.00000	4
	71 Chloroacetonitrile	48	6.223	6.223	(1.480)	21238	50.0000	49
	72 2-Nitropropane	41	6.272	6.272	(1.491)	22278	10.0000	9(M)
	73 trans-1,3-Dichloropropene	75	6.469	6.469	(1.538)	54715	5.00000	4
	74 1,1,2-Trichloroethane	97	6.617	6.617	(1.573)	38929	5.00000	5
*	75 Chlorobenzene-d5	117	7.463	7.463	(1.000)	709340	25.0000	
	76 Toluene	91	6.036	6.036	(0.809)	147685	5.00000	5
$	77 Toluene-d8	98	5.987	5.987	(0.802)	130213	5.00000	8
	78 1,1-Dichloro-2-propanone	43	6.292	6.292	(0.843)	138926	25.0000	24(M)
	79 4-Methyl-2-Pentanone	43	6.450	6.450	(0.864)	51600	5.00000	5
	80 Tetrachloroethene	164	6.410	6.410	(0.859)	23038	5.00000	11
	81 Ethyl Methacrylate	69	6.666	6.666	(0.893)	51637	5.00000	4
	82 Dibromochloromethane	129	6.774	6.774	(0.908)	36825	5.00000	4
	83 1,3-Dichloropropane	76	6.873	6.873	(0.921)	61834	5.00000	5
	84 1,2-Dibromoethane	107	6.971	6.971	(0.934)	45999	5.00000	5
	86 2-Hexanone	43	7.247	7.247	(0.971)	37712	5.00000	5
	87 1-Chlorohexane	91	7.493	7.493	(1.004)	49741	5.00000	6(M)
	88 Chlorobenzene	112	7.473	7.473	(1.001)	95164	5.00000	5

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
89	1,1,1,2-Tetrachloroethane	131	7.552	7.552	(1.012)	32186	5.00000	5(M)
90	Ethylbenzene	106	7.522	7.522	(1.008)	44054	5.00000	5
91	Xylene (total)mp	106	7.660	7.660	(1.026)	107748	10.0000	10
92	Xylene (total)o	106	8.034	8.034	(1.076)	54092	5.00000	5
93	Styrene	104	8.083	8.083	(1.083)	96785	5.00000	5
94	Bromoform	173	8.093	8.093	(1.084)	27869	5.00000	4
* 95	1,4-Dichlorobenzene-d4	152	9.530	9.530	(1.000)	310608	25.0000	
96	Isopropylbenzene	105	8.320	8.320	(0.873)	108568	5.00000	5
97	Bromobenzene	156	8.635	8.635	(0.906)	38514	5.00000	5
98	1,1,2,2-Tetrachloroethane	83	8.763	8.763	(0.919)	59719	5.00000	5
99	4-Ethyltoluene	105	8.792	8.792	(0.923)	111762	5.00000	5
100	1,2,3-Trichloropropane	110	8.861	8.861	(0.930)	14135	5.00000	5
101	trans-1,4-Dichloro-2-Butene	53	8.910	8.910	(0.935)	22258	10.0000	8
102	n-Propylbenzene	91	8.684	8.684	(0.911)	132118	5.00000	5
103	2-Chlorotoluene	91	8.802	8.802	(0.924)	101799	5.00000	5
104	4-Chlorotoluene	91	8.950	8.950	(0.939)	98458	5.00000	5
105	1,3,5-Trimethylbenzene	105	8.871	8.871	(0.931)	88898	5.00000	5
106	tert-Butylbenzene	119	9.137	9.137	(0.959)	67060	5.00000	5
107	1,2,4-Trimethylbenzene	105	9.196	9.196	(0.965)	94322	5.00000	5
108	sec-Butylbenzene	105	9.294	9.294	(0.975)	113658	5.00000	6
109	4-Isopropyltoluene	119	9.422	9.422	(0.989)	88460	5.00000	6
110	1,3-Dichlorobenzene	146	9.461	9.461	(0.993)	55903	5.00000	5
111	1,4-Dichlorobenzene	146	9.540	9.540	(1.001)	60868	5.00000	5
112	1,2-Dichlorobenzene	146	9.904	9.904	(1.039)	54943	5.00000	5
113	Benzyl Chloride	126	9.766	9.766	(1.025)	16094	5.00000	4
114	1,4-Diethylbenzene	119	9.737	9.737	(2.315)	46030	5.00000	6
115	n-Butylbenzene	91	9.786	9.786	(1.027)	122797	5.00000	6(M)
118	1,2,4,5-Tetramethylbenzene	119	10.446	10.446	(2.484)	88716	5.00000	6
119	1,2-Dibromo-3-chloropropane	75	10.603	10.603	(1.113)	6879	5.00000	4
120	Nitrobenzene	77	11.085	11.085	(1.163)	44237	50.0000	47
121	1,2,4-Trichlorobenzene	180	11.194	11.194	(1.175)	40102	5.00000	6
122	Hexachlorobutadiene	225	11.184	11.184	(1.173)	32882	5.00000	8
123	Naphthalene	128	11.469	11.469	(1.203)	143502	5.00000	6
124	1,2,3-Trichlorobenzene	180	11.637	11.637	(1.221)	42626	5.00000	6
$ 125	Bromofluorobenzene	95	8.556	8.556	(0.898)	44825	5.00000	4
M 126	1,2-Dichloroethene (total)	100				83125	10.0000	10
M 127	Xylene (total)	100				161840	15.0000	15

QC Flag Legend

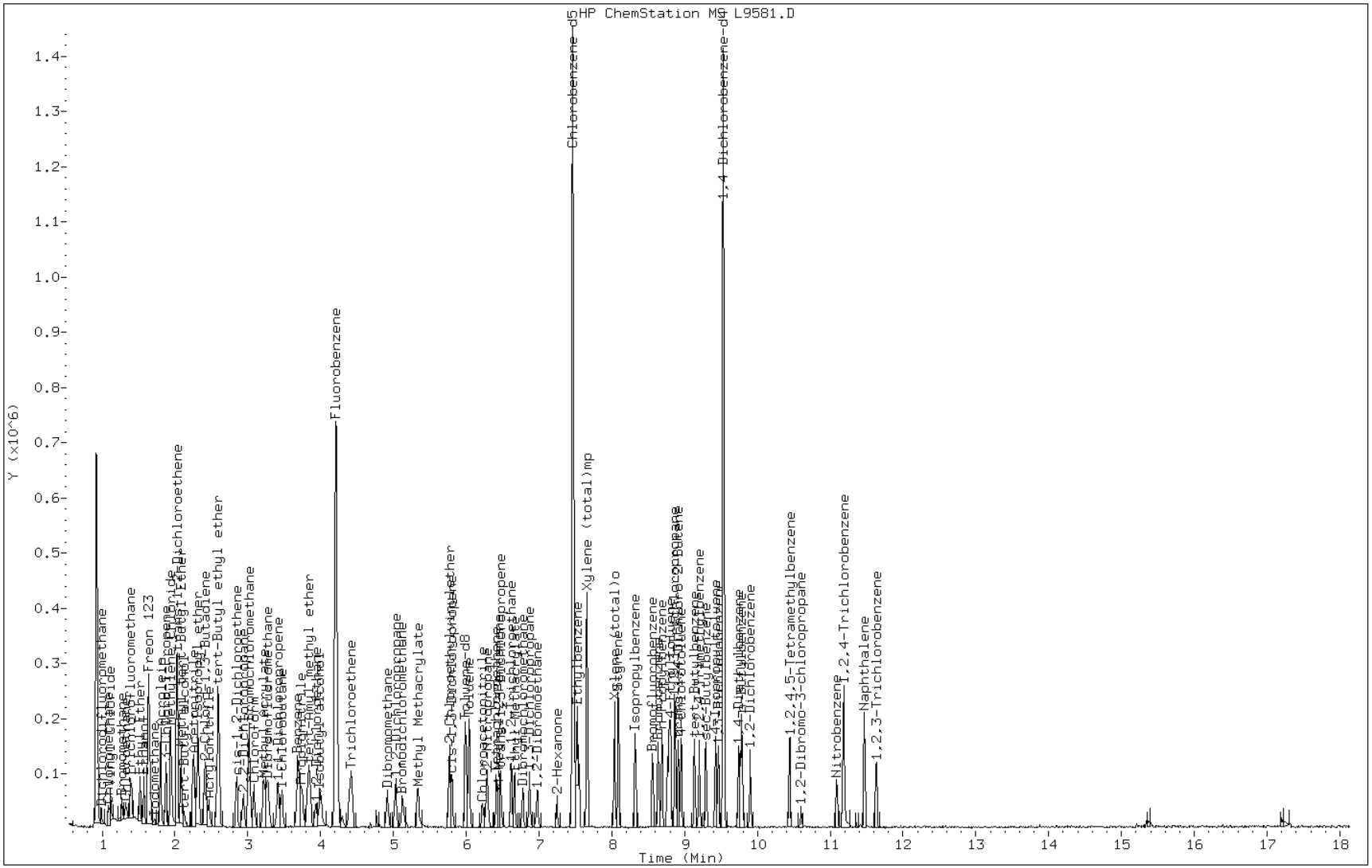
T - Target compound detected outside RT window.
M - Compound response manually integrated.

Data File: L9581.D

Date: 12-MAY-2011 20:49

Client ID: IC;5 Instrument: msl.i

Sample Info: IC;5 Operator: E. LYNCH



Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/12/2011

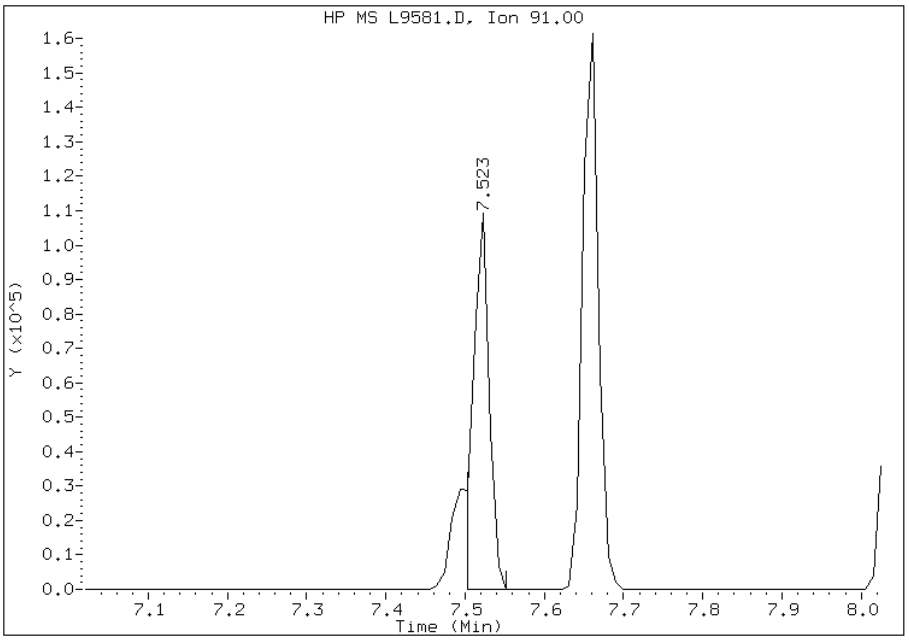
Processing Integration Results

RT: 7.52

Response: 158702

Amount: 13

Conc: 13



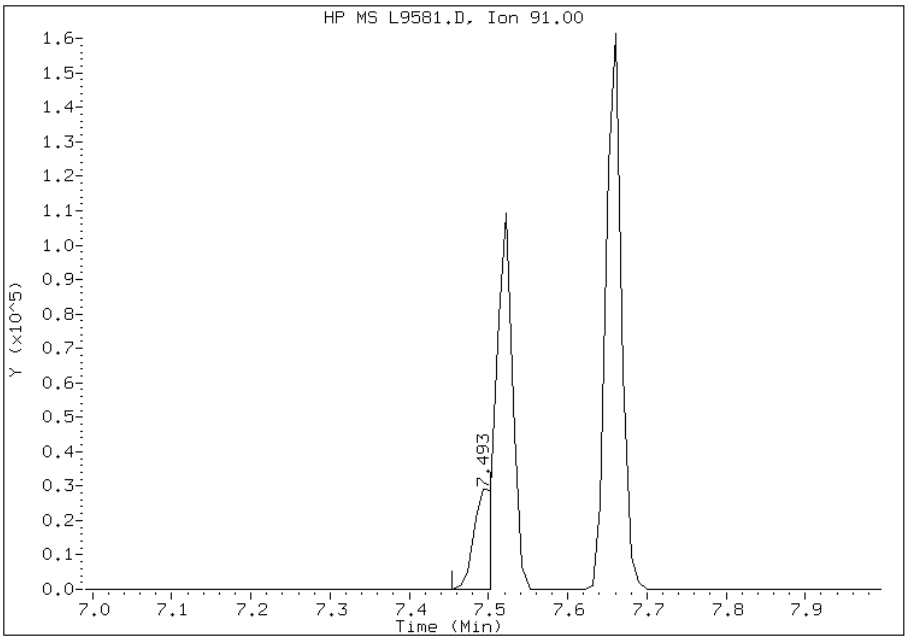
Manual Integration Results

RT: 7.49

Response: 49741

Amount: 6

Conc: 6



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 53 2-Methyl-2-Propenenitrile
CAS #: 126-98-7
Report Date: 05/12/2011

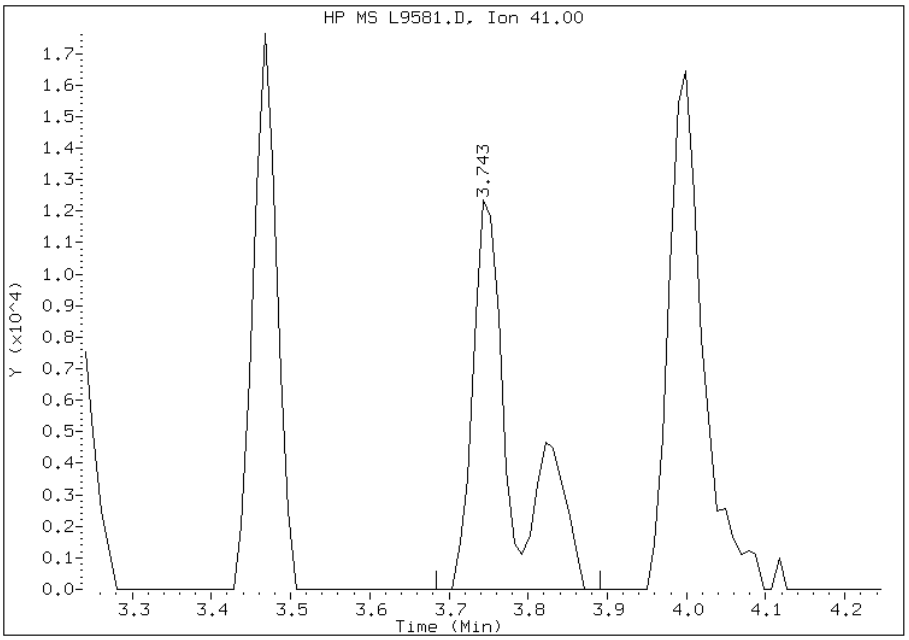
Processing Integration Results

RT: 3.74

Response: 43711

Amount: 6

Conc: 6



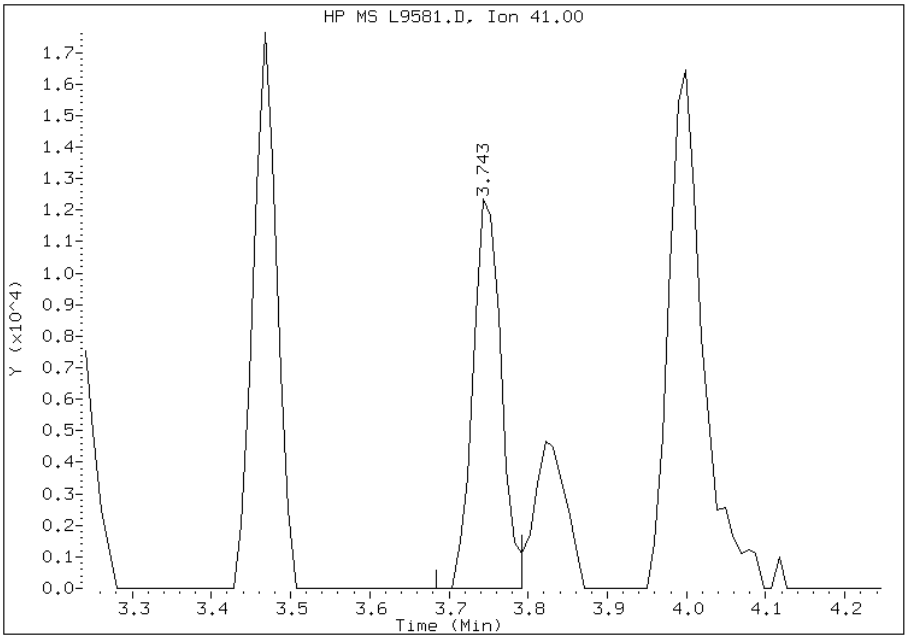
Manual Integration Results

RT: 3.74

Response: 31202

Amount: -1

Conc: -1



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 26 Acetonitrile
CAS #: 75-05-8
Report Date: 05/12/2011

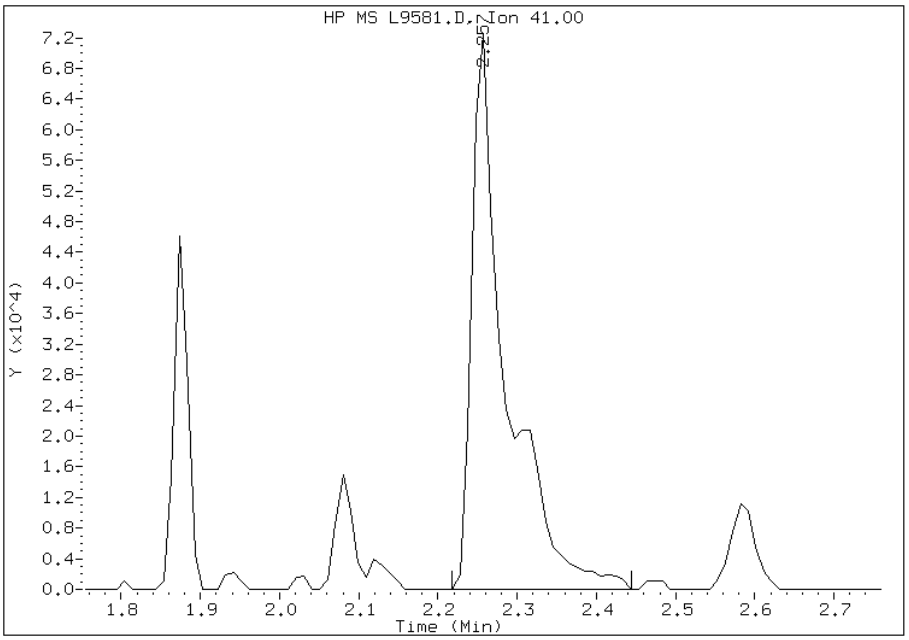
Processing Integration Results

RT: 2.26

Response: 221852

Amount: 68

Conc: 68



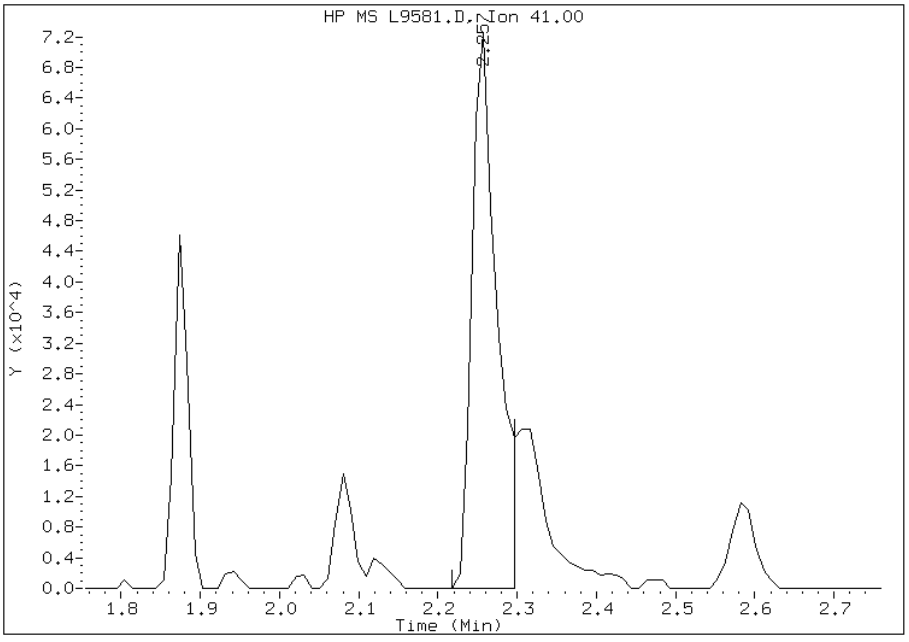
Manual Integration Results

RT: 2.26

Response: 166643

Amount: 54

Conc: 54



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/12/2011

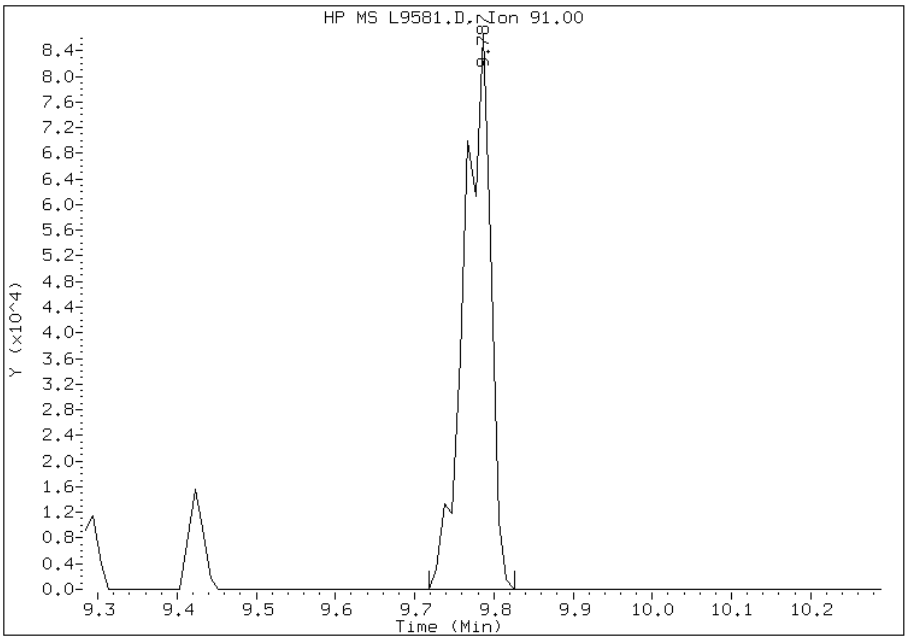
Processing Integration Results

RT: 9.79

Response: 205990

Amount: 9

Conc: 9



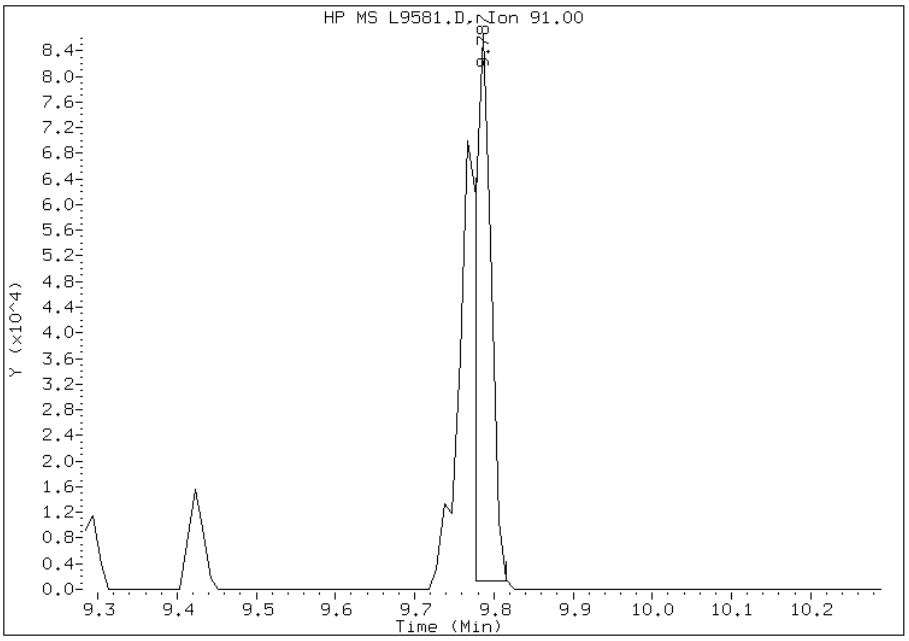
Manual Integration Results

RT: 9.79

Response: 122797

Amount: 6

Conc: 6



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 45 2-Butanone
CAS #: 78-93-3
Report Date: 05/12/2011

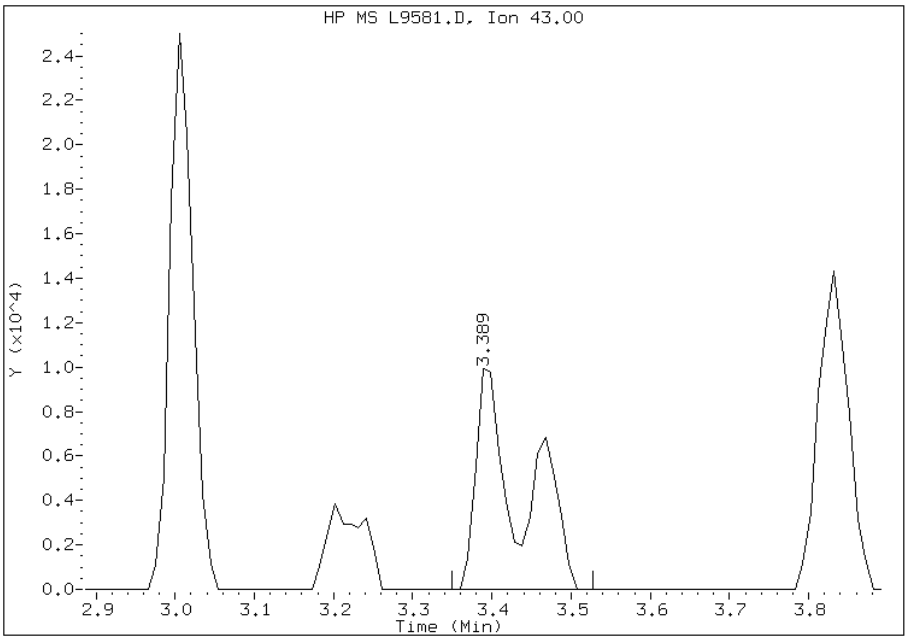
Processing Integration Results

RT: 3.39

Response: 39450

Amount: 7

Conc: 7



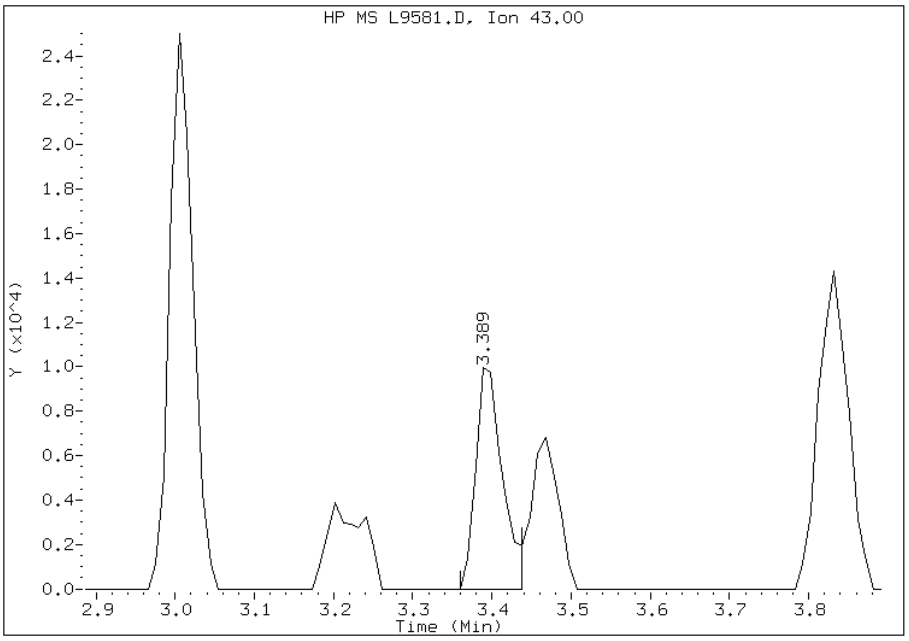
Manual Integration Results

RT: 3.39

Response: 24238

Amount: 4

Conc: 4



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 72 2-Nitropropane
CAS #: 79-46-9
Report Date: 05/12/2011

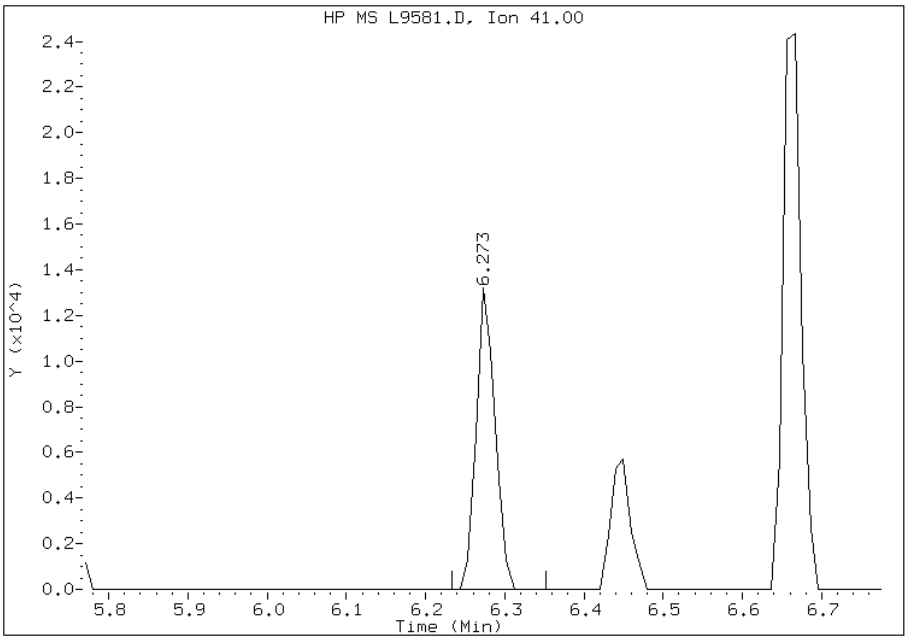
Processing Integration Results

RT: 6.27

Response: 22278

Amount: 9

Conc: 9



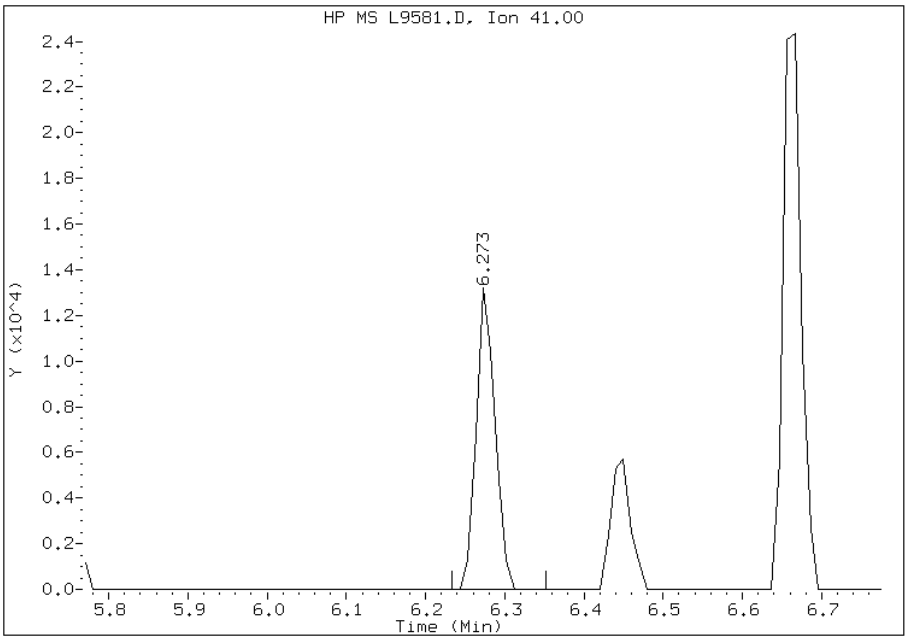
Manual Integration Results

RT: 6.27

Response: 22278

Amount: 9

Conc: 9



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 6 Chloroethane
CAS #: 75-00-3
Report Date: 05/12/2011

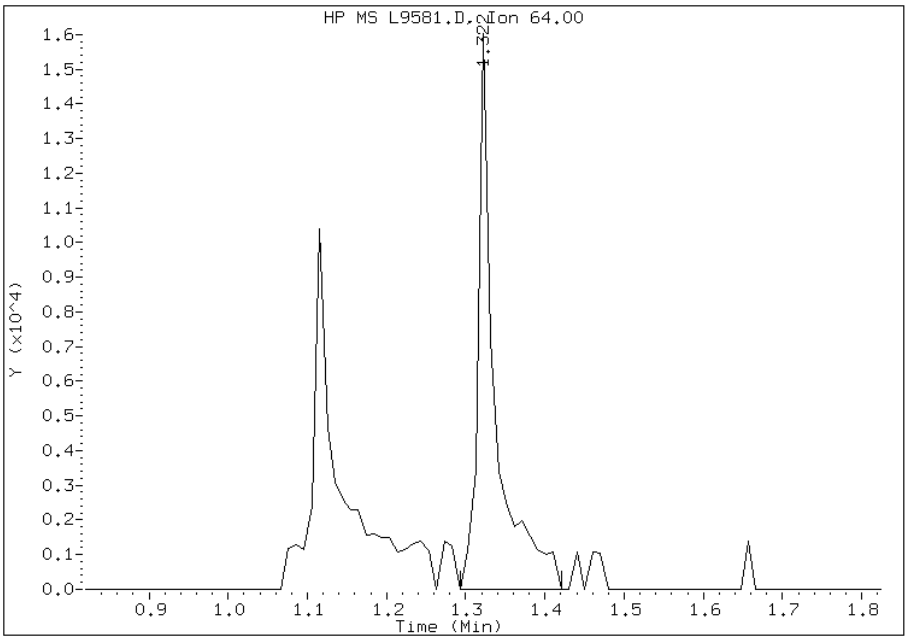
Processing Integration Results

RT: 1.32

Response: 24934

Amount: 8

Conc: 8



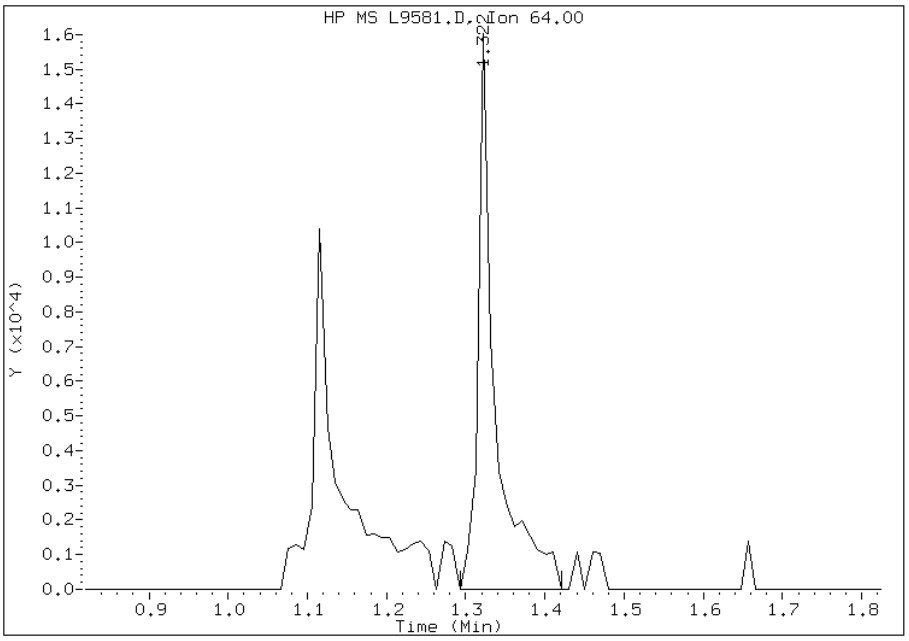
Manual Integration Results

RT: 1.32

Response: 24934

Amount: 8

Conc: 8



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

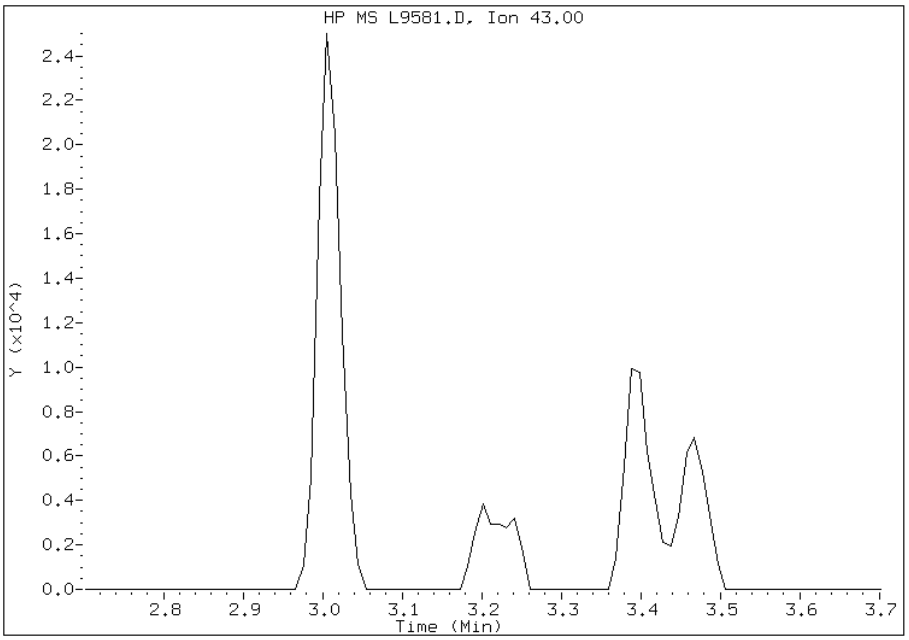
Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 39 Ethyl Acetate
CAS #: 141-78-6
Report Date: 05/12/2011

Processing Integration Results

Not Detected

Expected RT: 3.20



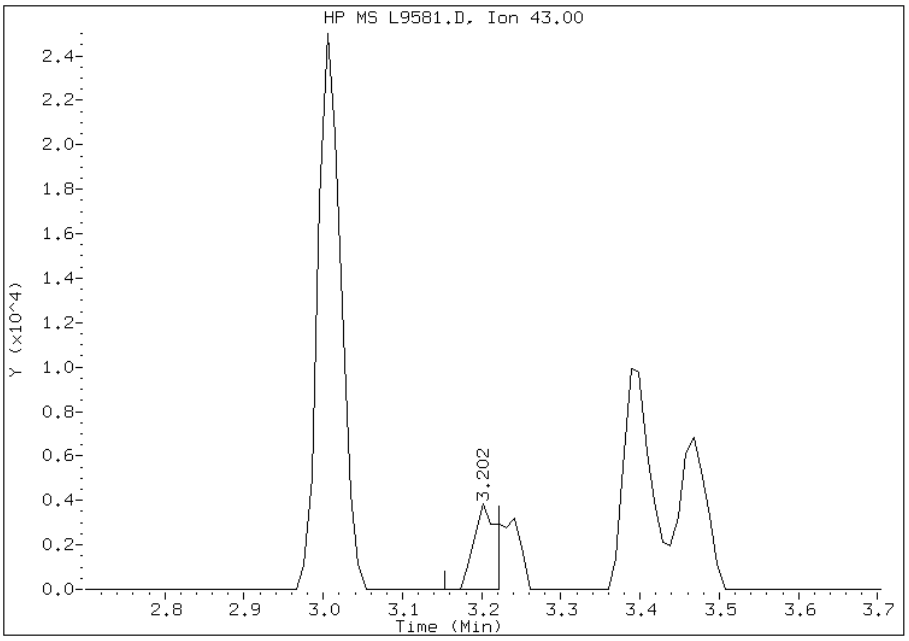
Manual Integration Results

RT: 3.20

Response: 7819

Amount: 10

Conc: 10



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 5 Bromomethane
CAS #: 74-83-9
Report Date: 05/12/2011

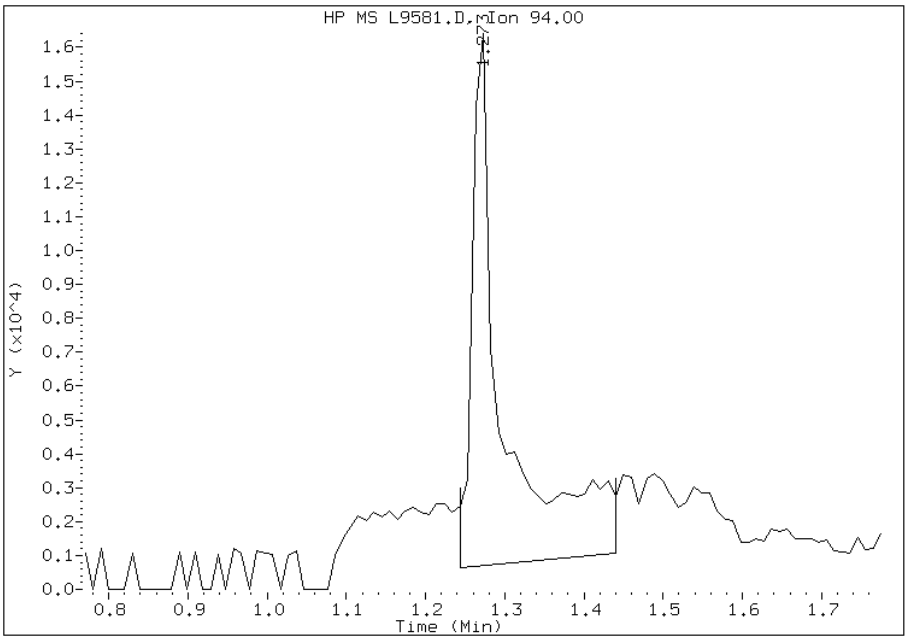
Processing Integration Results

RT: 1.27

Response: 44867

Amount: 3

Conc: 3



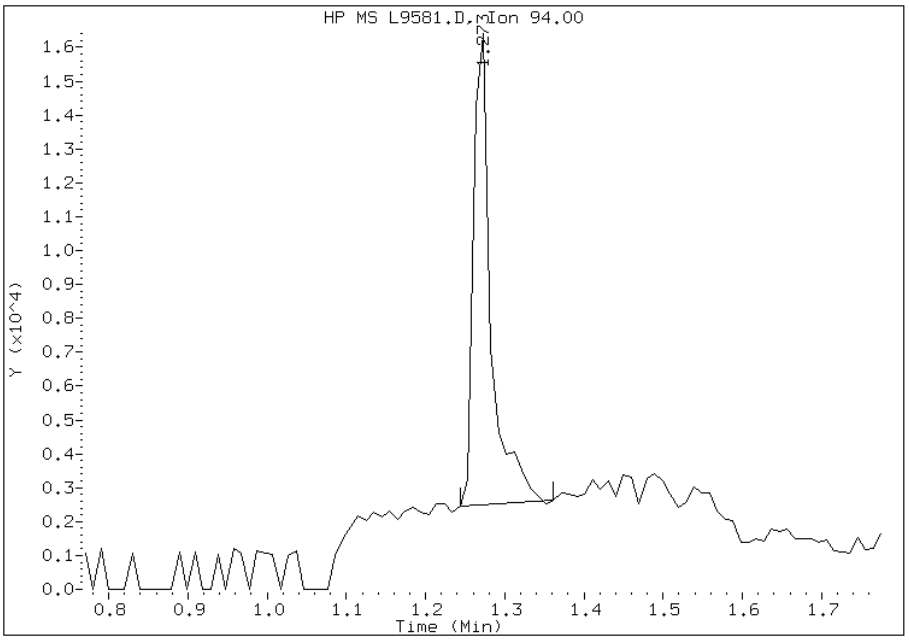
Manual Integration Results

RT: 1.27

Response: 22162

Amount: 6

Conc: 6



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 78 1,1-Dichloro-2-propanone
CAS #: 513-88-2
Report Date: 05/12/2011

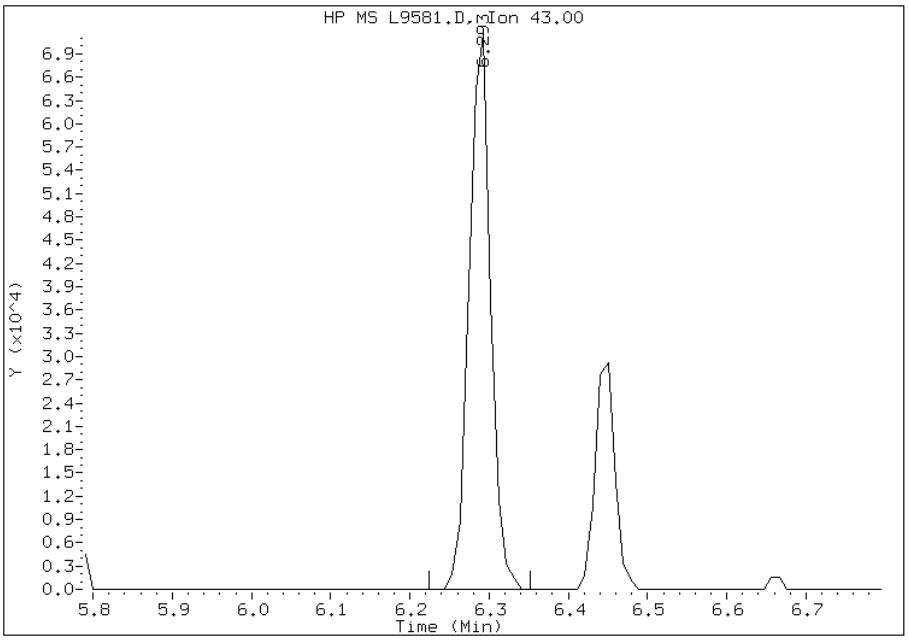
Processing Integration Results

RT: 6.29

Response: 138926

Amount: 25

Conc: 25



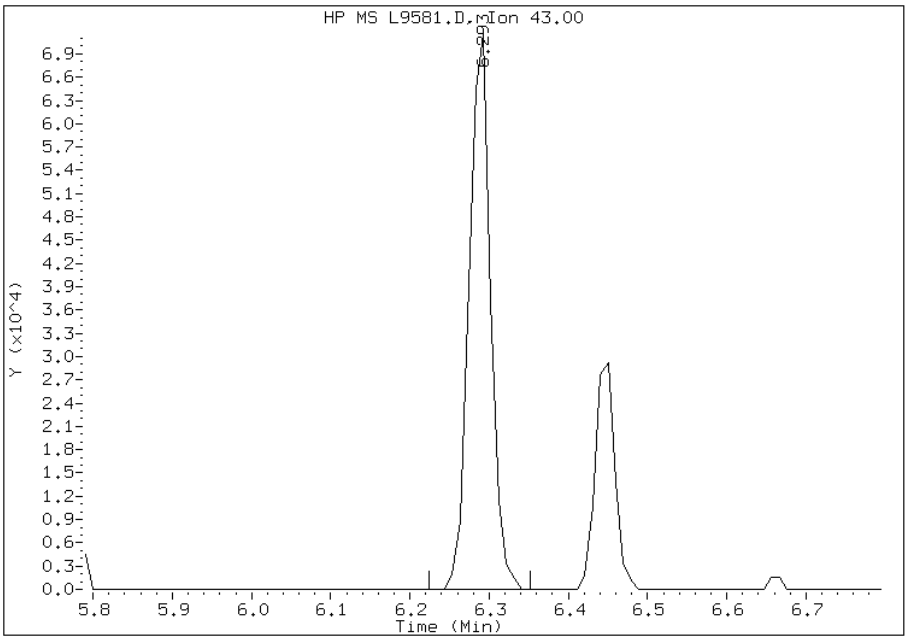
Manual Integration Results

RT: 6.29

Response: 138926

Amount: 25

Conc: 25



Manually Integrated By: eon
Manual Integration Reason:

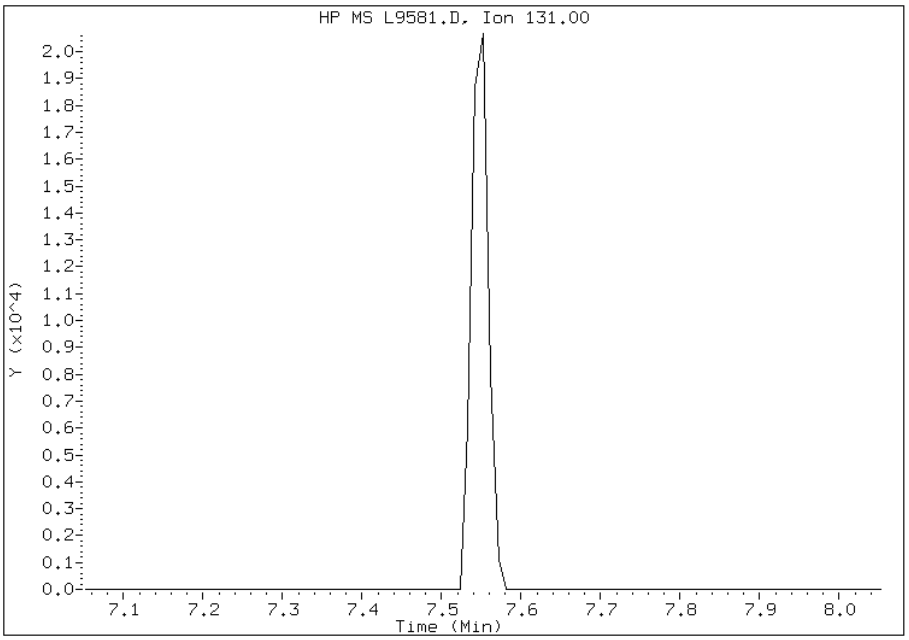
Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 89 1,1,1,2-Tetrachloroethane
CAS #: 630-20-6
Report Date: 05/12/2011

Processing Integration Results

Not Detected

Expected RT: 7.55



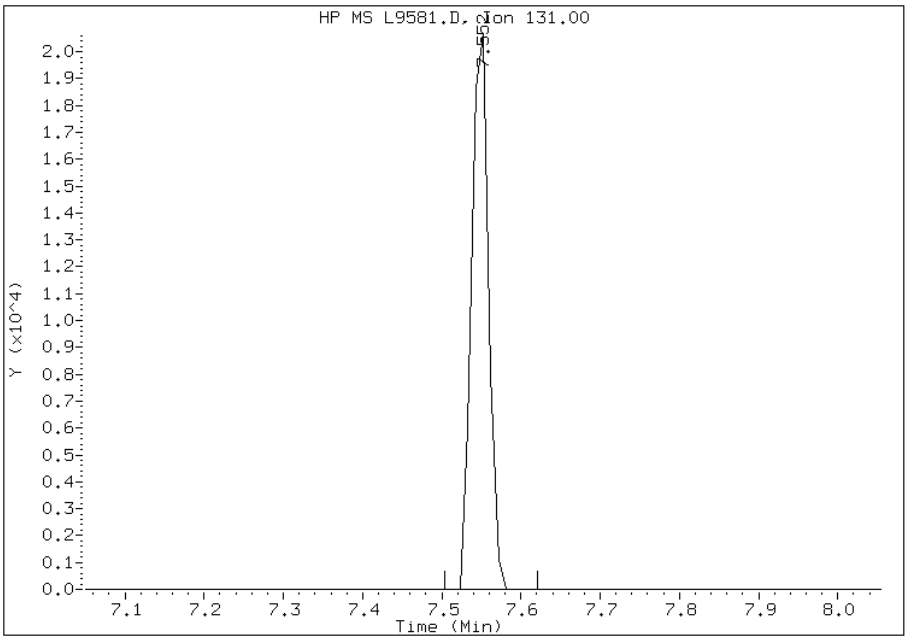
Manual Integration Results

RT: 7.55

Response: 32186

Amount: 5

Conc: 5



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9581.D
Inj. Date and Time: 12-MAY-2011 20:49
Instrument ID: msl.i
Client ID: IC;5
Compound: 10 Ethanol
CAS #: 64-17-5
Report Date: 05/12/2011

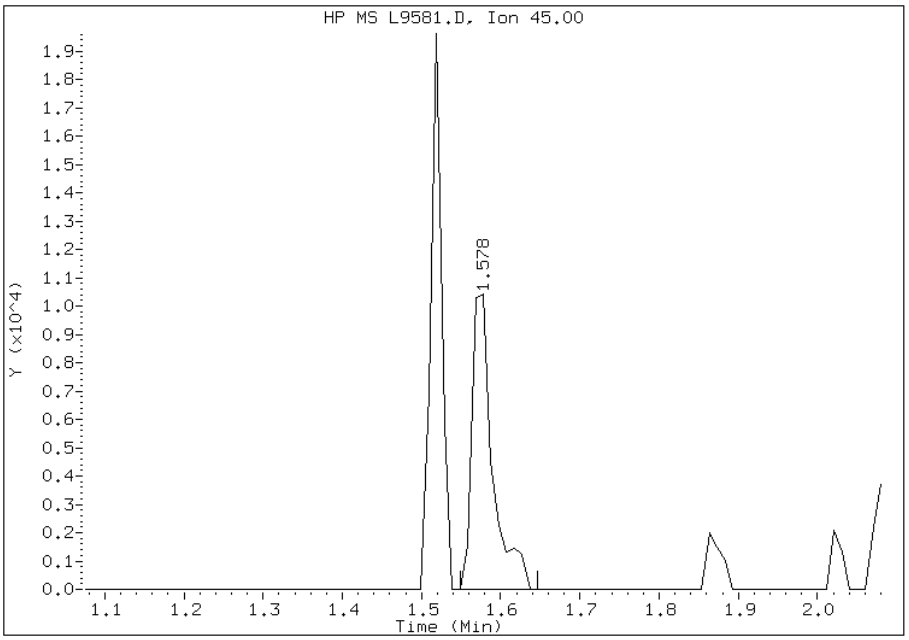
Processing Integration Results

RT: 1.58

Response: 19505

Amount: 53

Conc: 53



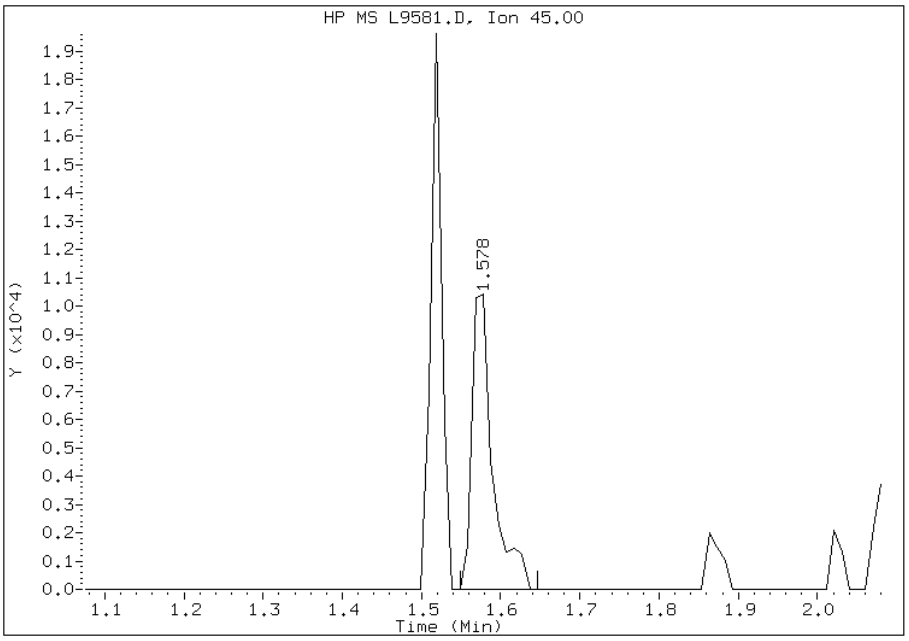
Manual Integration Results

RT: 1.58

Response: 19505

Amount: 53

Conc: 53



Manually Integrated By: eon
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab Sample ID: CCVIS 220-50867/1 Calibration Date: 05/13/2011 18:29

Instrument ID: MSL Calib Start Date: 05/12/2011 18:48

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 05/12/2011 20:49

Lab File ID: L9591.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Lin	0.1389	0.1395		47.9	50.0	-4.1	30.0
Chloromethane	Ave	0.2200	0.2136	0.1000	48.6	50.0	-2.9	30.0
Vinyl chloride	Ave	0.1799	0.1865		51.8	50.0	3.7	20.0
Bromomethane	Qua	0.0816	0.1101		70.3	50.0	40.5*	30.0
Chloroethane	Ave	0.0817	0.1035		63.3	50.0	26.7	30.0
Trichlorofluoromethane	Lin	0.2247	0.2456		53.4	50.0	6.8	30.0
Dichlorofluoromethane	Ave	0.2449	0.2736		55.9	50.0	11.7	30.0
Ethyl ether	Ave	0.1077	0.1154		53.6	50.0	7.2	30.0
Ethanol	Ave	0.0097	0.0093		480	500	-4.0	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Lin	0.0425	0.0466		52.4	50.0	4.9	30.0
1,1-Dichloroethene	Ave	0.1561	0.1645		52.7	50.0	5.4	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Lin	0.1668	0.1646		48.5	50.0	-2.9	30.0
Carbon disulfide	Lin	0.6179	0.6294		50.5	50.0	1.0	30.0
Iodomethane	Lin	0.1510	0.1719		50.7	50.0	1.5	30.0
Acrolein	Ave	0.1267	0.1153		228	250	-9.0	30.0
3-Chloro-1-propene	Ave	0.3039	0.3279		53.9	50.0	7.9	30.0
Methylene Chloride	Lin	0.2691	0.2387		48.6	50.0	-2.9	30.0
Acetone	Ave	0.0936	0.0949		50.7	50.0	1.3	30.0
Isopropyl alcohol	Ave		0.0135		5.00	50.0		30.0
Methyl acetate	Ave	1.189	1.247		52.5	50.0	4.9	30.0
trans-1,2-Dichloroethene	Ave	0.2037	0.2165		53.1	50.0	6.3	30.0
Methyl tert-butyl ether	Ave	0.5942	0.6034		50.8	50.0	1.5	30.0
tert-Butyl alcohol	Ave	0.0311	0.0249		200	250	-19.9	30.0
Acetonitrile	Ave	0.0814	0.0959		588	499	17.8	30.0
Isopropyl ether	Ave	0.7457	0.7823		52.4	50.0	4.9	30.0
2-Chloro-1,3-butadiene	Lin	0.1722	0.1795		50.5	50.0	1.1	30.0
1,1-Dichloroethane	Ave	0.3378	0.3502	0.1000	51.8	50.0	3.7	30.0
Acrylonitrile	Ave	0.1064	0.1068		100	100	0.3	30.0
Tert-butyl ethyl ether	Ave	0.6448	0.6634		51.4	50.0	2.9	30.0
Vinyl acetate	Ave	1.376	1.252		45.4	50.0	-9.0	30.0
cis-1,2-Dichloroethene	Ave	0.2395	0.2512		52.4	50.0	4.8	30.0
2,2-Dichloropropane	Ave	0.2492	0.2520		50.6	50.0	1.1	30.0
Bromochloromethane	Ave	0.1209	0.1252		51.8	50.0	3.6	30.0
Cyclohexane	Lin	0.1826	0.1817		49.2	50.0	-1.6	30.0
Chloroform	Ave	0.3546	0.3673		51.8	50.0	3.6	20.0
Ethyl acetate	Ave	0.0201	0.0346		172	100	71.8*	30.0
Carbon tetrachloride	Lin	0.1883	0.1903		49.0	50.0	-2.0	30.0
Methyl acrylate	Ave	0.2396	0.2396		50.0	50.0	-0.0	30.0
Tetrahydrofuran	Ave	0.0920	0.0897		97.5	100	-2.5	30.0
1,1,1-Trichloroethane	Lin	0.2607	0.2736		50.9	50.0	1.8	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab Sample ID: CCVIS 220-50867/1 Calibration Date: 05/13/2011 18:29

Instrument ID: MSL Calib Start Date: 05/12/2011 18:48

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 05/12/2011 20:49

Lab File ID: L9591.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl Ethyl Ketone	Ave	0.1420	0.1476		52.0	50.0	3.9	30.0
1,1-Dichloropropene	Lin	0.2364	0.2437		50.4	50.0	0.8	30.0
1-Chlorobutane	Ave	0.3239	0.3360		51.9	50.0	3.7	30.0
Benzene	Ave	0.7558	0.7752		51.3	50.0	2.6	30.0
Propionitrile	Ave	0.0402	0.0378		469	500	-6.1	30.0
Heptane	Ave		0.2178		5.00	50.0		30.0
Methacrylonitrile	Lin	0.1862	0.0717		15.9	50.0	-68.3*	30.0
Tert-amyl methyl ether	Ave	0.6147	0.6304		51.3	50.0	2.6	30.0
1,2-Dichloroethane	Ave	0.2413	0.2503		51.9	50.0	3.7	30.0
Isobutyl alcohol	Ave	0.0199	0.0160		402	499	-19.5	30.0
Methylcyclohexane	Ave	0.1767	0.1574		44.5	50.0	-10.9	30.0
Trichloroethene	Lin	0.1889	0.1954		50.4	50.0	0.7	30.0
Dibromomethane	Ave	0.1742	0.1772		50.8	50.0	1.7	30.0
1,2-Dichloropropane	Ave	0.2097	0.2177		51.9	50.0	3.8	20.0
Bromodichloromethane	Ave	0.2745	0.2812		51.2	50.0	2.5	30.0
Methyl methacrylate	Ave	0.1768	0.1777		50.2	50.0	0.5	30.0
1,4-Dioxane	Ave	0.0051	0.0028		272	499	-45.5*	30.0
2-Chloroethyl vinyl ether	Ave	0.3621	0.3694		50.9	49.9	2.0	30.0
cis-1,3-Dichloropropene	Ave	0.3383	0.3574		52.8	50.0	5.6	30.0
Toluene	Ave	1.030	1.046		50.8	50.0	1.6	20.0
Chloroacetonitrile	Ave	0.0114	0.0097		427	500	-14.7	30.0
2-Nitropropane	Ave	0.0646	0.0639		98.9	100	-1.1	30.0
1,1-Dichloro-2-propanone	Ave	0.1997	0.1910		239	250	-4.3	30.0
Tetrachloroethene	Lin	0.1661	0.1620		48.0	50.0	-4.0	30.0
methyl isobutyl ketone	Ave	0.3736	0.3693		49.4	50.0	-1.2	30.0
trans-1,3-Dichloropropene	Ave	0.3162	0.3235		51.2	50.0	2.3	30.0
1,1,2-Trichloroethane	Ave	0.2119	0.2164		51.0	50.0	2.1	30.0
Ethyl methacrylate	Ave	0.4073	0.3973		48.8	50.0	-2.5	30.0
Dibromochloromethane	Ave	0.3015	0.2981		49.4	50.0	-1.1	30.0
1,3-Dichloropropane	Ave	0.4561	0.4646		50.9	50.0	1.9	30.0
1,2-Dibromoethane	Ave	0.3302	0.3198		48.4	50.0	-3.1	30.0
2-Hexanone	Ave	0.2696	0.2708		50.2	50.0	0.4	30.0
Chlorobenzene	Ave	0.6600	0.6707	0.3000	50.8	50.0	1.6	30.0
1-Chlorohexane	Ave	0.3091	0.2635		42.6	50.0	-14.8	30.0
Ethylbenzene	Ave	0.2989	0.2961		49.5	50.0	-0.9	20.0
1,1,1,2-Tetrachloroethane	Ave	0.2367	0.2375		50.2	50.0	0.3	30.0
m&p-Xylene	Ave	0.3689	0.3704		100	100	0.4	30.0
o-Xylene	Ave	0.3742	0.3667		49.0	50.0	-2.0	30.0
Styrene	Ave	0.6792	0.6667		49.1	50.0	-1.8	30.0
Bromoform	Ave	0.2268	0.2227	0.1000	49.1	50.0	-1.8	30.0
Isopropylbenzene	Ave	1.622	1.632		50.3	50.0	0.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab Sample ID: CCVIS 220-50867/1 Calibration Date: 05/13/2011 18:29

Instrument ID: MSL Calib Start Date: 05/12/2011 18:48

GC Column: RTX-VMS ID: 0.18(mm) Calib End Date: 05/12/2011 20:49

Lab File ID: L9591.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromobenzene	Ave	0.6363	0.6382		50.2	50.0	0.3	30.0
N-Propylbenzene	Ave	2.052	2.023		49.3	50.0	-1.4	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9481	0.9435	0.3000	49.8	50.0	-0.5	30.0
4-Ethyltoluene	Ave	1.679	1.617		48.2	50.0	-3.7	30.0
2-Chlorotoluene	Ave	1.586	1.584		49.9	50.0	-0.1	30.0
1,2,3-Trichloropropane	Ave	0.2446	0.2515		51.4	50.0	2.8	30.0
1,3,5-Trimethylbenzene	Ave	1.363	1.334		48.9	50.0	-2.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2098	0.2155		103	100	2.7	30.0
4-Chlorotoluene	Ave	1.502	1.529		50.9	50.0	1.8	30.0
tert-Butylbenzene	Ave	0.9881	0.9383		47.5	50.0	-5.0	30.0
1,2,4-Trimethylbenzene	Ave	1.436	1.383		48.2	50.0	-3.7	30.0
sec-Butylbenzene	Ave	1.601	1.369		42.7	50.0	-14.5	30.0
4-Isopropyltoluene	Ave	1.247	1.074		43.1	50.0	-13.9	30.0
1,3-Dichlorobenzene	Ave	0.8957	0.8518		47.5	50.0	-4.9	30.0
1,4-Dichlorobenzene	Ave	0.9491	0.9063		47.7	50.0	-4.5	30.0
p-Diethylbenzene	Ave	0.2105	0.1743		41.4	50.0	-17.2	30.0
Benzyl chloride	Ave	0.2969	0.2799		47.1	50.0	-5.7	30.0
n-Butylbenzene	Ave	1.633	2.578		78.9	50.0	57.9*	30.0
1,2-Dichlorobenzene	Ave	0.9055	0.8757		48.4	50.0	-3.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	0.4057	0.3350		41.3	50.0	-17.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1309	0.1238		47.3	50.0	-5.4	30.0
Nitrobenzene	Ave	0.0758	0.0485		320	500	-36.0*	30.0
Hexachlorobutadiene	Qua	0.2591	0.1269		23.0	50.0	-54.0*	30.0
1,2,4-Trichlorobenzene	Ave	0.5656	0.4476		39.6	50.0	-20.9	30.0
Naphthalene	Ave	1.891	1.518		40.1	50.0	-19.7	30.0
1,2,3-Trichlorobenzene	Ave	0.5624	0.4175		37.1	50.0	-25.8	30.0
Dibromofluoromethane	Lin	0.2185	0.2120		24.6	25.0	-1.6	30.0
1,2-Dichloroethane-d4 (Surr)	Lin	0.2044	0.1853		22.5	25.0	-10.1	30.0
Toluene-d8 (Surr)	Lin	0.8739	0.8742		26.2	25.0	4.9	30.0
4-Bromofluorobenzene	Lin	0.7246	0.6874		23.1	25.0	-7.5	30.0

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msl.i\L119590.b\L9591.D
Lab Smp Id: CCVIS-595837 Client Smp ID: CCVIS-595837
Inj Date : 13-MAY-2011 18:29 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : CCVIS-595837
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119590.b\L8260BNW.m
Meth Date : 13-May-2011 18:49 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 20:49 Cal File: L9581.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
* 1	Fluorobenzene	96	4.228	4.228	(1.000)	984730	25.0000	
2	Dichlorodifluoromethane	85	0.990	0.990	(0.234)	274692	50.0000	48
3	Chloromethane	50	1.098	1.098	(0.260)	420759	50.0000	48
4	Vinyl Chloride	62	1.118	1.118	(0.264)	367363	50.0000	52
5	Bromomethane	94	1.275	1.275	(0.302)	216856	50.0000	70
6	Chloroethane	64	1.325	1.325	(0.313)	203883	50.0000	63
7	Trichlorofluoromethane	101	1.394	1.394	(0.330)	483670	50.0000	53
8	Dichlorofluoromethane	67	1.413	1.413	(0.334)	538874	50.0000	56
9	Ethyl Ether	45	1.521	1.521	(0.360)	227236	50.0000	54
10	Ethanol	45	1.581	1.581	(0.374)	182999	500.000	480
12	Freon 123	67	1.640	1.640	(0.388)	91819	50.0000	52
13	Trichlorotrifluoroethane	101	1.649	1.649	(0.390)	324246	50.0000	48
14	1,1-Dichloroethene	96	1.640	1.640	(0.388)	323977	50.0000	53
15	Carbon Disulfide	76	1.669	1.669	(0.395)	1239642	50.0000	50
16	Iodomethane	142	1.718	1.718	(0.406)	338525	50.0000	51
17	Acrolein	56	1.807	1.807	(0.427)	1137499	250.000	230
19	3-Chloro-1-Propene	41	1.886	1.886	(0.446)	645722	50.0000	54
20	Methylene Chloride	84	1.945	1.945	(0.460)	470029	50.0000	48
21	Acetone	43	1.964	1.964	(0.465)	186870	50.0000	51
22	trans-1,2-Dichloroethene	96	2.033	2.033	(0.481)	426392	50.0000	53
23	Methyl Acetate	43	2.033	2.033	(0.481)	2456869	50.0000	52
24	Methyl tert-Butyl Ether	73	2.092	2.092	(0.495)	1188335	50.0000	51

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
	25 tert-Butyl alcohol	59	2.132	2.132	(0.504)	245234	250.000	200
	26 Acetonitrile	41	2.260	2.260	(0.534)	1884598	500.000	590
	27 Isopropyl ether	45	2.329	2.329	(0.551)	1540611	50.0000	52
	28 tert-Butyl ethyl ether	59	2.594	2.594	(0.614)	1306453	50.0000	51
	29 2-Chloro-1,3-Butadiene	88	2.417	2.417	(0.572)	353564	50.0000	50
	30 Acrylonitrile	53	2.476	2.476	(0.586)	420490	100.000	100
	31 1,1-Dichloroethane	63	2.437	2.437	(0.576)	689612	50.0000	52
	32 Vinyl Acetate	43	2.604	2.604	(0.616)	2464015	50.0000	45
	33 cis-1,2-Dichloroethene	96	2.860	2.860	(0.676)	494624	50.0000	52
	34 2,2-Dichloropropane	77	2.949	2.949	(0.697)	496260	50.0000	50
	35 Bromochloromethane	128	3.027	3.027	(0.716)	246602	50.0000	52
	37 Cyclohexane	84	3.027	3.027	(0.716)	357844	50.0000	49
	38 Chloroform	83	3.096	3.096	(0.732)	723333	50.0000	52
	39 Ethyl Acetate	43	3.214	3.214	(0.760)	136173	100.000	170
	40 Methyl Acrylate	55	3.224	3.224	(0.763)	471789	50.0000	50
$	41 Dibromofluoromethane	111	3.273	3.273	(0.774)	208776	50.0000	25
	42 Tetrahydrofuran	42	3.244	3.244	(0.767)	353164	100.000	97
	43 Carbon Tetrachloride	117	3.224	3.224	(0.763)	374694	50.0000	49
	44 1,1,1-Trichloroethane	97	3.303	3.303	(0.781)	538780	50.0000	51
	45 2-Butanone	43	3.401	3.401	(0.804)	290584	50.0000	52
	46 1,1-Dichloropropene	75	3.421	3.421	(0.809)	479866	50.0000	50
	47 tert-Amyl methyl ether	73	3.844	3.844	(0.909)	1241602	50.0000	51
	49 1-Chlorobutane	56	3.480	3.480	(0.823)	661783	50.0000	52
	51 Propionitrile	54	3.736	3.736	(0.884)	743484	500.000	470
	52 Benzene	78	3.697	3.697	(0.874)	1526738	50.0000	51
	53 2-Methyl-2-Propenenitrile	41	3.844	3.844	(0.909)	141115	50.0000	16
	54 Isobutyl alcohol	42	4.012	4.012	(0.949)	314989	500.000	400
$	55 1,2-Dichloroethane-d4	65	3.864	3.864	(0.914)	182488	50.0000	22
	56 1,2-Dichloroethane	62	3.953	3.953	(0.935)	492976	50.0000	52
	59 Methyl Cyclohexane	83	4.415	4.415	(1.044)	309962	50.0000	44
	60 Trichloroethene	130	4.435	4.435	(1.049)	384726	50.0000	50
	63 Dibromomethane	93	4.927	4.927	(1.165)	348954	50.0000	51
	64 1,2-Dichloropropane	63	5.045	5.045	(1.193)	428737	50.0000	52
	65 Bromodichloromethane	83	5.134	5.134	(1.214)	553870	50.0000	51
	66 Methyl Methacrylate	69	5.340	5.340	(1.263)	349914	50.0000	50
	67 1,4-Dioxane	58	5.360	5.360	(1.268)	55085	500.000	270
	69 2-Chloroethylvinylether	63	5.773	5.773	(1.365)	726315	50.0000	51
	70 cis-1,3-Dichloropropene	75	5.813	5.813	(1.375)	703967	50.0000	53
	71 Chloroacetonitrile	48	6.226	6.226	(1.472)	191883	500.000	430
	72 2-Nitropropane	41	6.285	6.285	(1.486)	251721	100.000	99
	73 trans-1,3-Dichloropropene	75	6.482	6.482	(1.533)	637075	50.0000	51
	74 1,1,2-Trichloroethane	97	6.630	6.630	(1.568)	426122	50.0000	51
*	75 Chlorobenzene-d5	117	7.466	7.466	(1.000)	753226	25.0000	
	76 Toluene	91	6.049	6.049	(0.810)	1575476	50.0000	51
$	77 Toluene-d8	98	6.000	6.000	(0.804)	658438	50.0000	26
	78 1,1-Dichloro-2-propanone	43	6.295	6.295	(0.843)	1438715	250.000	240
	79 4-Methyl-2-Pentanone	43	6.453	6.453	(0.864)	556314	50.0000	49
	80 Tetrachloroethene	164	6.423	6.423	(0.860)	244028	50.0000	48
	81 Ethyl Methacrylate	69	6.669	6.669	(0.893)	598573	50.0000	49
	82 Dibromochloromethane	129	6.787	6.787	(0.909)	449066	50.0000	49
	83 1,3-Dichloropropane	76	6.876	6.876	(0.921)	699931	50.0000	51
	84 1,2-Dibromoethane	107	6.984	6.984	(0.935)	481802	50.0000	48
	86 2-Hexanone	43	7.250	7.250	(0.971)	407909	50.0000	50
	87 1-Chlorohexane	91	7.496	7.496	(1.004)	396907	50.0000	43(M)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/L)	ON-COL (ug/L)
88	Chlorobenzene	112	7.486	7.486	(1.003)	1010314	50.0000	51
89	1,1,1,2-Tetrachloroethane	131	7.555	7.555	(1.012)	357791	50.0000	50
90	Ethylbenzene	106	7.525	7.525	(1.008)	446087	50.0000	50
91	Xylene (total)mp	106	7.663	7.663	(1.026)	1116045	100.000	100
92	Xylene (total)o	106	8.047	8.047	(1.078)	552372	50.0000	49
93	Styrene	104	8.096	8.096	(1.084)	1004406	50.0000	49
94	Bromoform	173	8.106	8.106	(1.086)	335493	50.0000	49
* 95	1,4-Dichlorobenzene-d4	152	9.533	9.533	(1.000)	327753	25.0000	
96	Isopropylbenzene	105	8.332	8.332	(0.874)	1069729	50.0000	50
97	Bromobenzene	156	8.647	8.647	(0.907)	418365	50.0000	50
98	1,1,2,2-Tetrachloroethane	83	8.775	8.775	(0.921)	618492	50.0000	50
99	4-Ethyltoluene	105	8.795	8.795	(0.923)	1059810	50.0000	48
100	1,2,3-Trichloropropane	110	8.874	8.874	(0.931)	164833	50.0000	51
101	trans-1,4-Dichloro-2-Butene	53	8.913	8.913	(0.935)	282487	100.000	100
102	n-Propylbenzene	91	8.697	8.697	(0.912)	1326390	50.0000	49
103	2-Chlorotoluene	91	8.815	8.815	(0.925)	1038296	50.0000	50
104	4-Chlorotoluene	91	8.962	8.962	(0.940)	1002197	50.0000	51
105	1,3,5-Trimethylbenzene	105	8.874	8.874	(0.931)	874154	50.0000	49
106	tert-Butylbenzene	119	9.140	9.140	(0.959)	615056	50.0000	47
107	1,2,4-Trimethylbenzene	105	9.208	9.208	(0.966)	906688	50.0000	48
108	sec-Butylbenzene	105	9.297	9.297	(0.975)	897345	50.0000	43
109	4-Isopropyltoluene	119	9.435	9.435	(0.990)	704081	50.0000	43
110	1,3-Dichlorobenzene	146	9.474	9.474	(0.994)	558326	50.0000	48
111	1,4-Dichlorobenzene	146	9.553	9.553	(1.002)	594071	50.0000	48
112	1,2-Dichlorobenzene	146	9.907	9.907	(1.039)	574048	50.0000	48
113	Benzyl Chloride	126	9.769	9.769	(1.025)	183478	50.0000	47
114	1,4-Diethylbenzene	119	9.750	9.750	(2.306)	343327	50.0000	41
115	n-Butylbenzene	91	9.769	9.769	(1.025)	1689718	50.0000	79(M)
118	1,2,4,5-Tetramethylbenzene	119	10.449	10.449	(2.471)	659750	50.0000	41
119	1,2-Dibromo-3-chloropropane	75	10.606	10.606	(1.113)	81159	50.0000	47
120	Nitrobenzene	77	11.098	11.098	(1.164)	317737	500.000	320
121	1,2,4-Trichlorobenzene	180	11.197	11.197	(1.174)	293377	50.0000	40
122	Hexachlorobutadiene	225	11.187	11.187	(1.173)	83183	50.0000	23
123	Naphthalene	128	11.472	11.472	(1.203)	995106	50.0000	40
124	1,2,3-Trichlorobenzene	180	11.640	11.640	(1.221)	273654	50.0000	37
$ 125	Bromofluorobenzene	95	8.569	8.569	(0.899)	225290	50.0000	23
M 126	1,2-Dichloroethene (total)	100				921016	100.000	100
M 127	Xylene (total)	100				1668417	150.000	150

QC Flag Legend

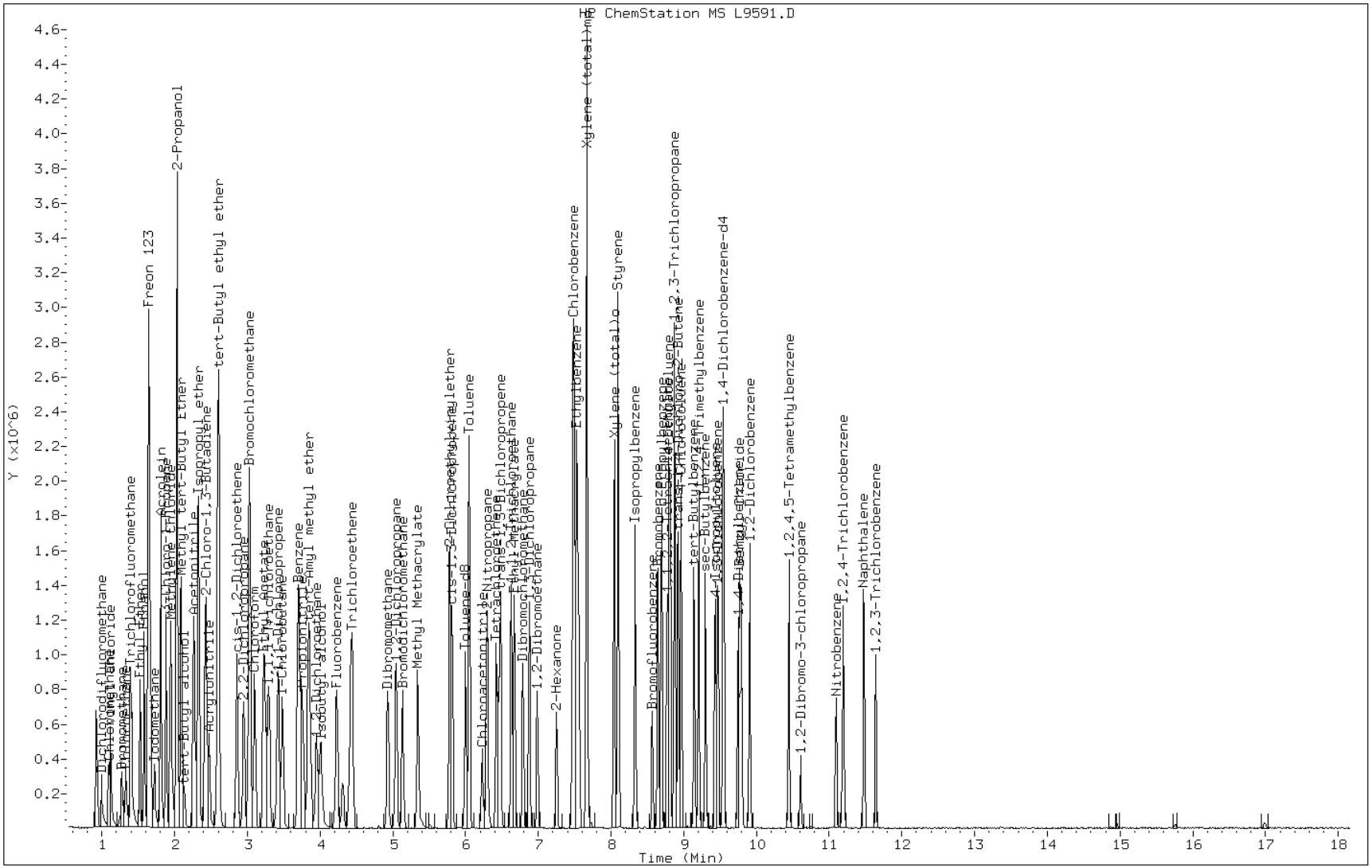
M - Compound response manually integrated.

Data File: L9591.D

Date: 13-MAY-2011 18:29

Client ID: CCVIS-595837 Instrument: msl.i

Sample Info: CCVIS-595837 Operator: E. LYNCH



Manual Integration Report

Data File: L9591.D
Inj. Date and Time: 13-MAY-2011 18:29
Instrument ID: msl.i
Client ID: CCVIS-595837
Compound: 87 1-Chlorohexane
CAS #: 544-10-5
Report Date: 05/16/2011

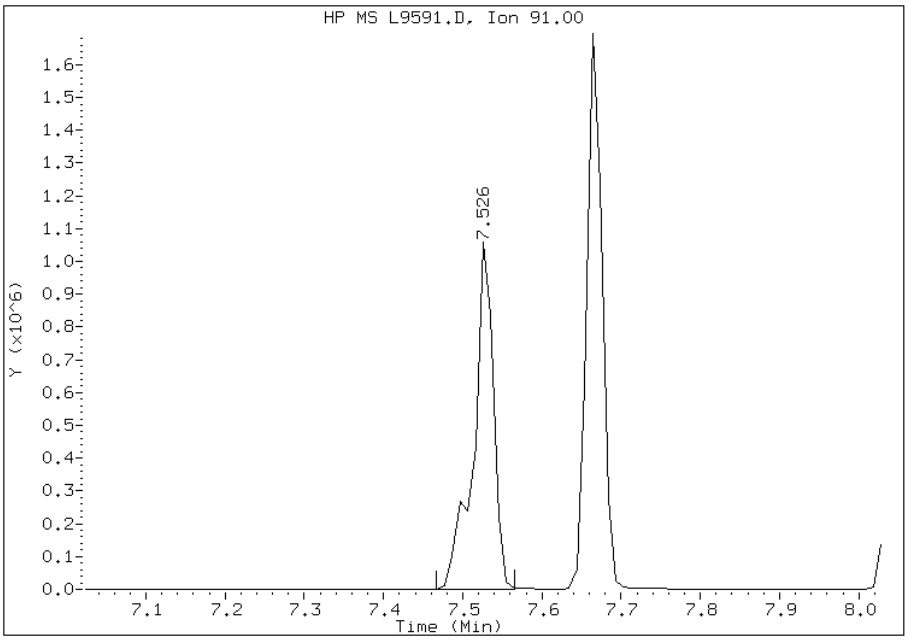
Processing Integration Results

RT: 7.53

Response: 1882653

Amount: 202

Conc: 202



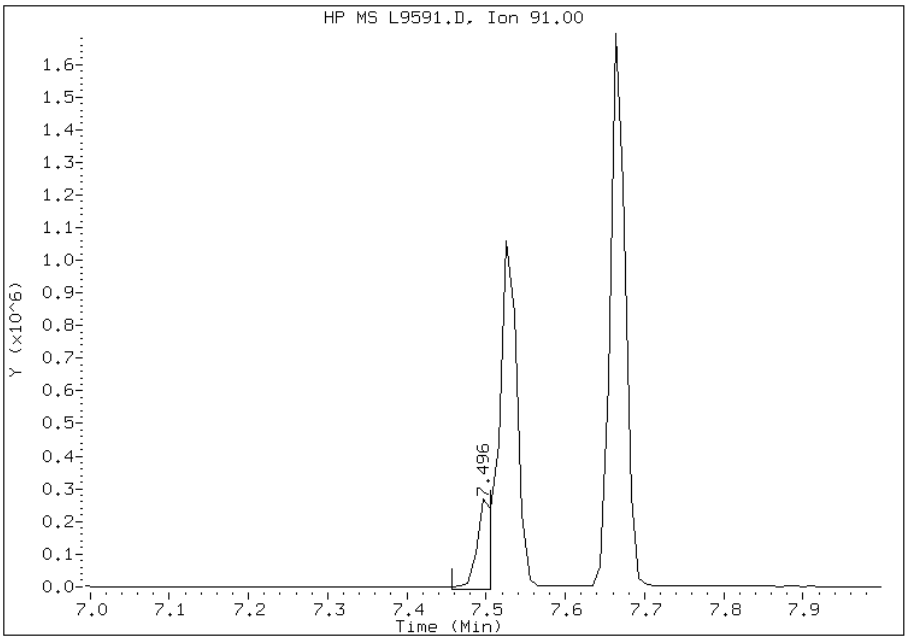
Manual Integration Results

RT: 7.50

Response: 396907

Amount: 43

Conc: 43



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: L9591.D
Inj. Date and Time: 13-MAY-2011 18:29
Instrument ID: msl.i
Client ID: CCVIS-595837
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/16/2011

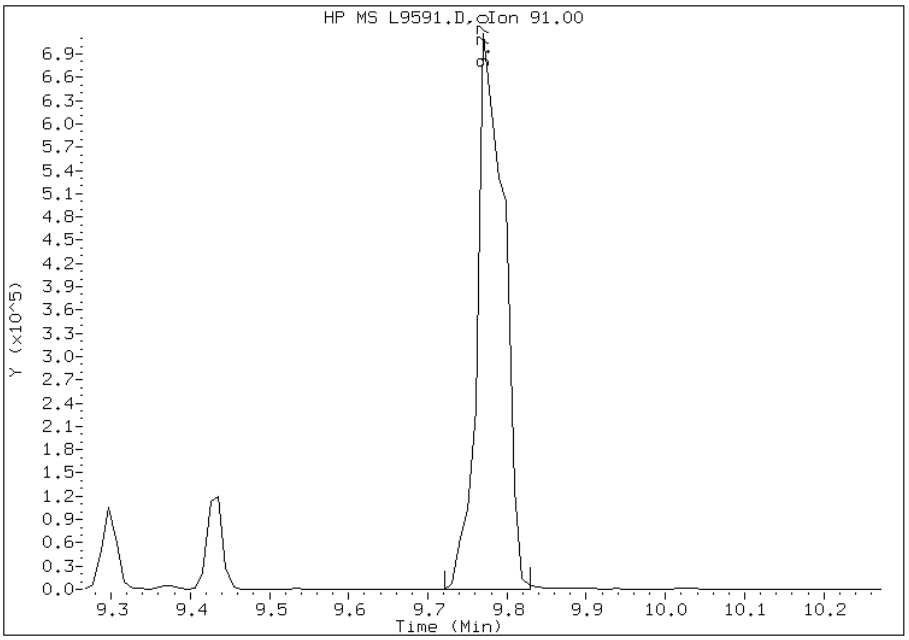
Processing Integration Results

RT: 9.77

Response: 1732491

Amount: 81

Conc: 81



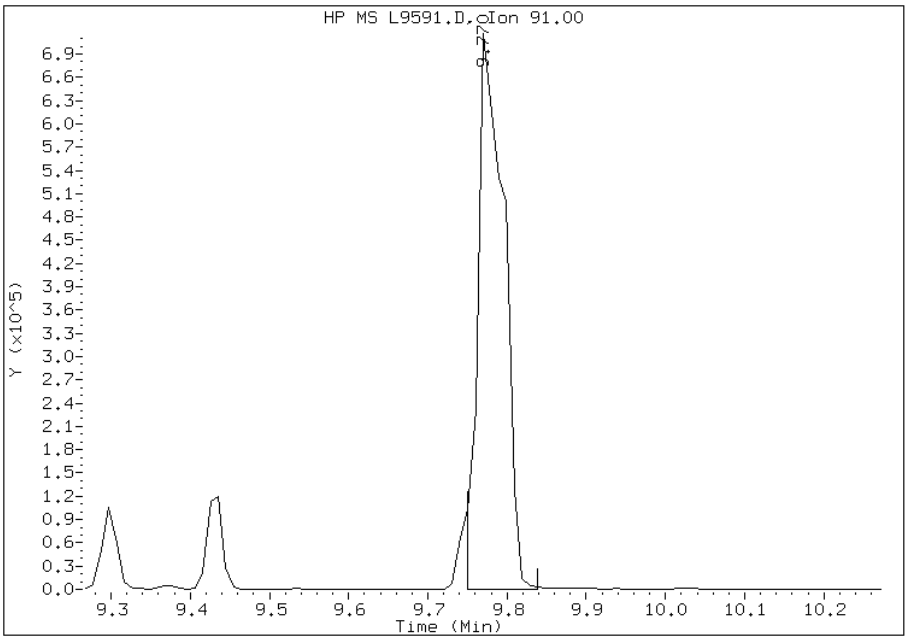
Manual Integration Results

RT: 9.77

Response: 1689718

Amount: 79

Conc: 79



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Data file : \\consvr05\files\Chem\VOA\msl.i\L119576.b\LB722.D
Lab Smp Id: BFB-607034 Client Smp ID: BFB-607034
Inj Date : 12-MAY-2011 18:26 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : BFB-607034
Misc Info : : ;;; BFB ; 8260B ; 1 ; LLW
Comment :
Method : \\consvr05\files\Chem\VOA\msl.i\L119576.b\LBFB8260.m
Meth Date : 18-Oct-2010 12:56 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

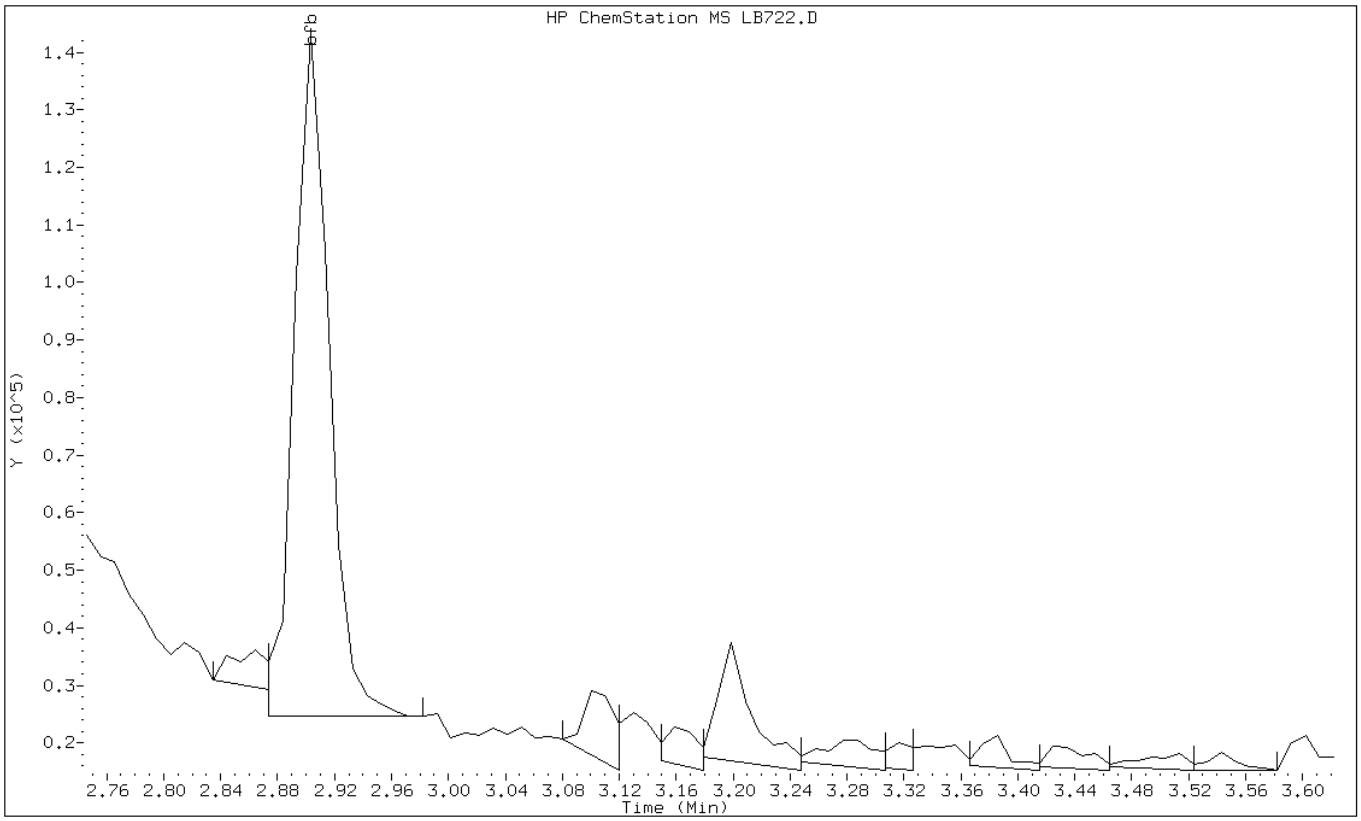
					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	REL RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
2.903	2.900	(0.000)	95	21800			0.00- 100.00	100.00
2.903	2.900	(0.000)	50	3297			15.00- 40.00	15.12
2.903	2.900	(0.000)	75	8096			30.00- 60.00	37.14
2.903	2.900	(0.000)	96	1464			5.00- 9.00	6.72
2.903	2.900	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.903	2.900	(0.000)	174	15671			50.00- 100.00	71.89
2.903	2.900	(0.000)	175	1140			5.00- 9.00	7.27
2.903	2.900	(0.000)	176	15417			95.00- 101.00	98.38
2.903	2.900	(0.000)	177	948			5.00- 9.00	6.15

Data File: LB722.D

Date: 12-MAY-2011 18:26

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH



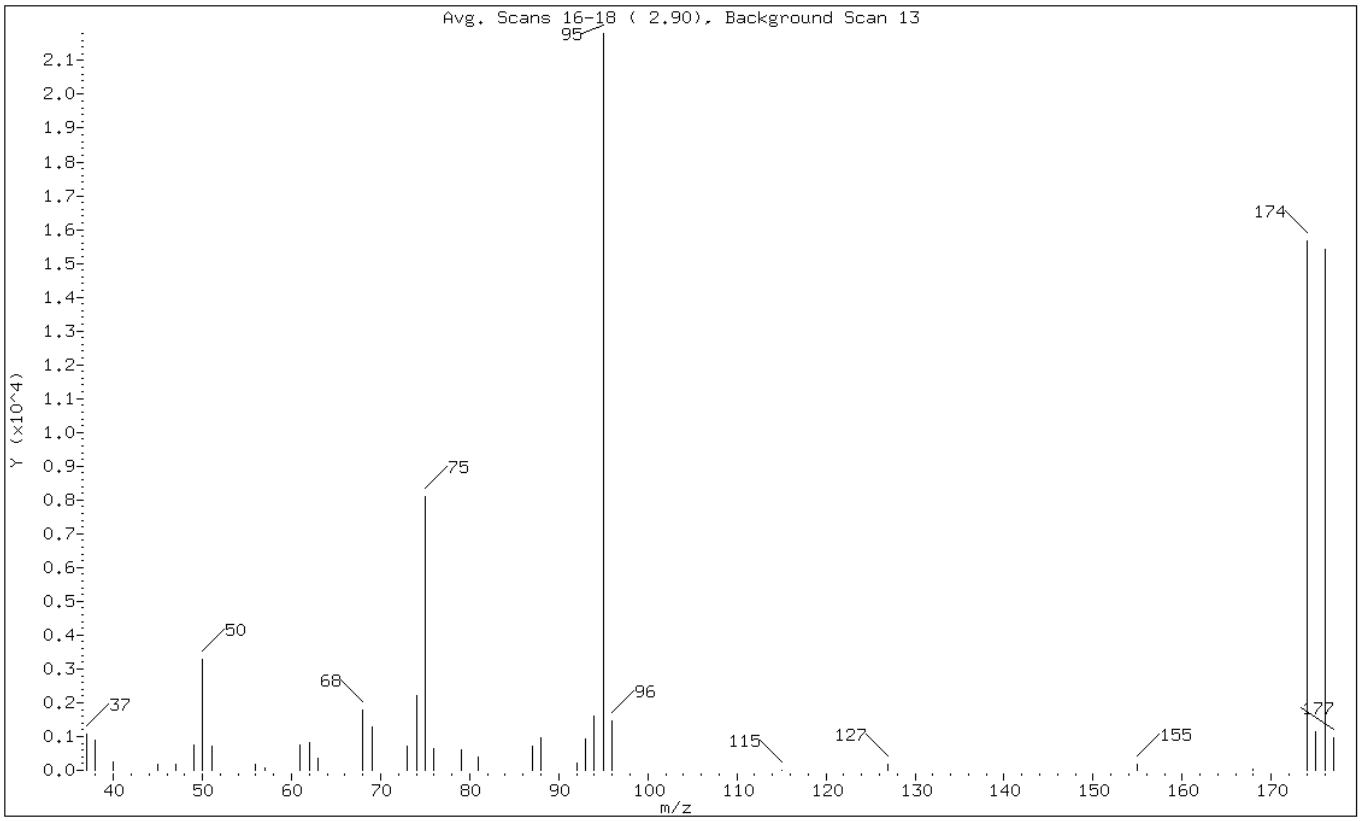
Data File: LB722.D

Date: 12-MAY-2011 18:26

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.12
75	30.00 - 60.00% of mass 95	37.14
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	71.89
175	5.00 - 9.00% of mass 174	5.23 (7.27)
176	95.00 - 101.00% of mass 174	70.72 (98.38)
177	5.00 - 9.00% of mass 176	4.35 (6.15)

Data File: LB722.D

Date: 12-MAY-2011 18:26

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH

Data File: \\consvr05\files\Chem\VOA\msl.i\L119576.b\LB722.D
Spectrum: Avg. Scans 16-18 (2.90), Background Scan 13
Location of Maximum: 95.00
Number of points: 36

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1071	61.00	760	81.00	400	155.00	190
38.00	901	62.00	824	87.00	717	168.00	53
40.00	262	63.00	355	88.00	965	174.00	15671
45.00	169	68.00	1793	92.00	218	175.00	1140
47.00	173	69.00	1275	93.00	935	176.00	15417
49.00	762	73.00	724	94.00	1611	177.00	948
50.00	3297	74.00	2215	95.00	21800		
51.00	714	75.00	8096	96.00	1464		
56.00	190	76.00	659	115.00	12		
57.00	75	79.00	604	127.00	189		

TestAmerica Inc

Data file : \\consvr05\files\Chem\VOA\msl.i\L119590.b\LB723.D
Lab Smp Id: BFB-607034 Client Smp ID: BFB-607034
Inj Date : 13-MAY-2011 18:06 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : BFB-607034
Misc Info : : ;;; BFB ; 8260B ; 1 ; LLW
Comment :
Method : \\consvr05\files\Chem\VOA\msl.i\L119590.b\LBFB8260.m
Meth Date : 18-Oct-2010 12:56 Quant Type: ISTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CON1016

Concentration Formula: Amt * DF * Uf * Vf * VI * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
VI	2.000	Injection Volume
Cpnd Variable		Local Compound Variable

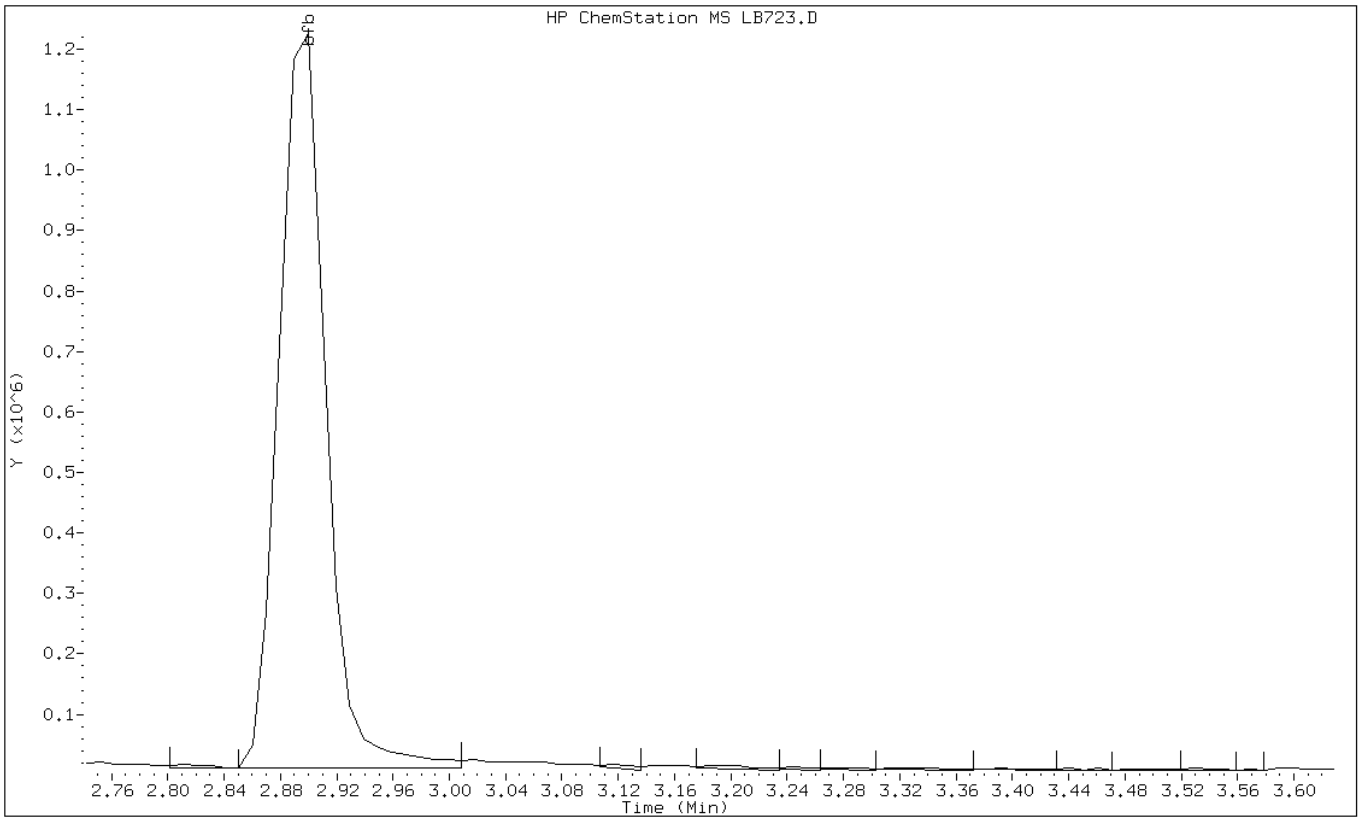
					CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT	REL RT	MASS	RESPONSE				
1 bfb							CAS #: 460-00-4	
2.899	2.900	(0.000)	95	247552			0.00- 100.00	100.00
2.899	2.900	(0.000)	50	37680			15.00- 40.00	15.22
2.899	2.900	(0.000)	75	91464			30.00- 60.00	36.95
2.899	2.900	(0.000)	96	15088			5.00- 9.00	6.09
2.899	2.900	(0.000)	173	0	0.0	0.0	0.00- 2.00	0.00
2.899	2.900	(0.000)	174	198144			50.00- 100.00	80.04
2.899	2.900	(0.000)	175	13871			5.00- 9.00	7.00
2.899	2.900	(0.000)	176	193408			95.00- 101.00	97.61
2.899	2.900	(0.000)	177	12258			5.00- 9.00	6.34

Data File: LB723.D

Date: 13-MAY-2011 18:06

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH



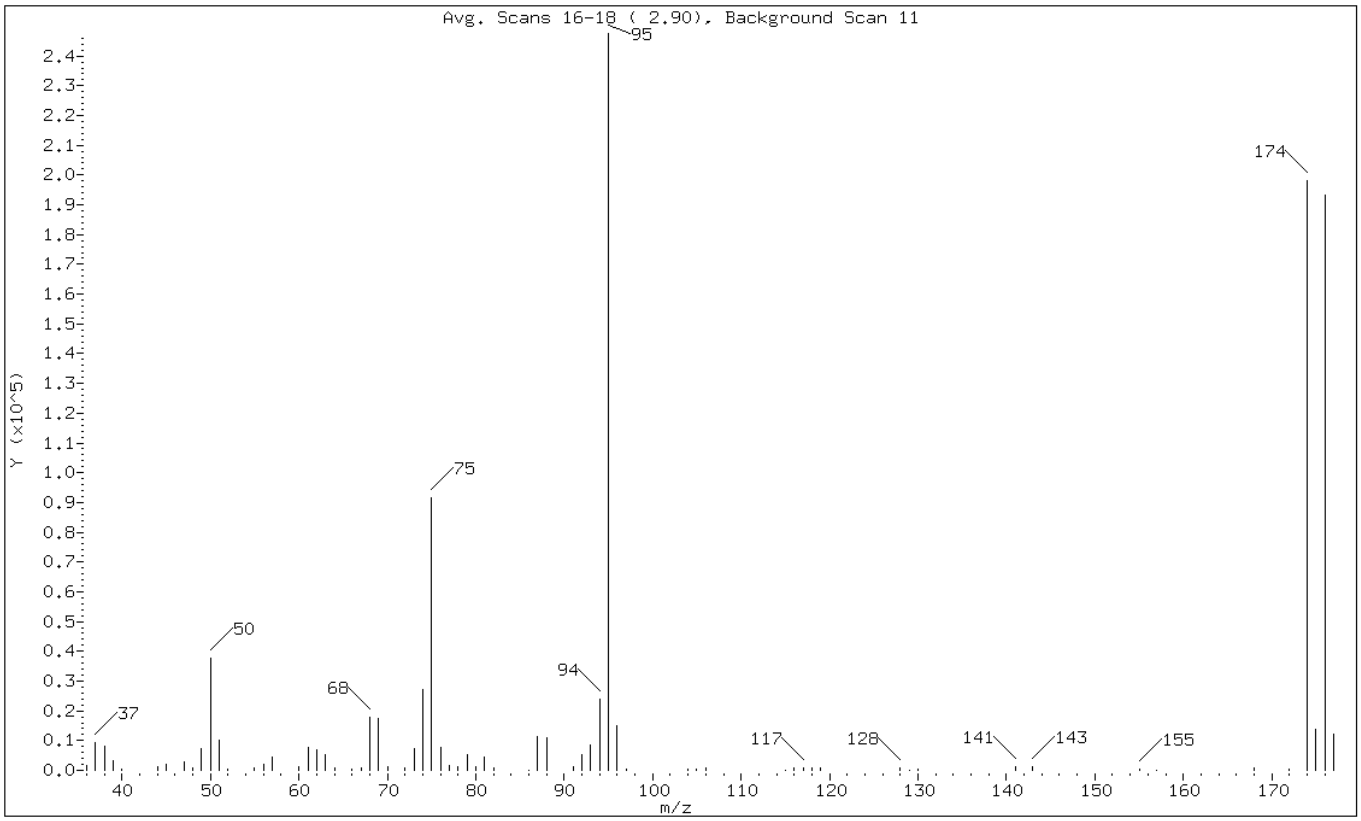
Data File: LB723.D

Date: 13-MAY-2011 18:06

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH

1 bfb



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.22
75	30.00 - 60.00% of mass 95	36.95
96	5.00 - 9.00% of mass 95	6.09
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	80.04
175	5.00 - 9.00% of mass 174	5.60 (7.00)
176	95.00 - 101.00% of mass 174	78.13 (97.61)
177	5.00 - 9.00% of mass 176	4.95 (6.34)

Data File: LB723.D

Date: 13-MAY-2011 18:06

Client ID: BFB-607034 Instrument: msl.i

Sample Info: BFB-607034 Operator: E. LYNCH

Data File: \\consvr05\Files\Chem\VOA\msl.i\L119590.b\LB723.D
Spectrum: Avg. Scans 16-18 (2.90), Background Scan 11
Location of Maximum: 95.00
Number of points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1805	62.00	7004	82.00	942	119.00	714
37.00	9367	63.00	5455	86.00	169	128.00	937
38.00	8053	64.00	875	87.00	11481	129.00	186
39.00	3067	66.00	374	88.00	10937	130.00	440
40.00	239	67.00	704	91.00	1290	141.00	1032
44.00	1082	68.00	17928	92.00	5083	143.00	1218
45.00	2227	69.00	17296	93.00	8507	155.00	398
47.00	2851	70.00	1321	94.00	24024	157.00	175
48.00	968	72.00	844	95.00	247552	168.00	660
49.00	7132	73.00	7187	96.00	15088	172.00	252
50.00	37680	74.00	27192	97.00	378	174.00	198144
51.00	10292	75.00	91464	104.00	496	175.00	13871
52.00	480	76.00	7683	105.00	339	176.00	193408
55.00	636	77.00	1425	106.00	764	177.00	12258
56.00	2028	78.00	1084	115.00	7		
57.00	4444	79.00	5283	116.00	615		
60.00	1287	80.00	1290	117.00	798		
61.00	7577	81.00	4324	118.00	617		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15477-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-50867/3

Matrix: Water | Lab File ID: L9594.D

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 05/13/2011 19:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 50867 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	5.0	U	5.0	0.17
71-43-2	Benzene	5.0	U	5.0	0.74
108-88-3	Toluene	5.0	U	5.0	0.72
100-41-4	Ethylbenzene	5.0	U	5.0	0.87
179601-23-1	m&p-Xylene	5.0	U	5.0	1.7
95-47-6	o-Xylene	5.0	U	5.0	0.66
98-82-8	Isopropylbenzene	5.0	U	5.0	0.85
103-65-1	N-Propylbenzene	5.0	U	5.0	0.62
108-67-8	1,3,5-Trimethylbenzene	5.0	U	5.0	0.53
98-06-6	tert-Butylbenzene	5.0	U	5.0	0.75
95-63-6	1,2,4-Trimethylbenzene	5.0	U	5.0	0.64
135-98-8	sec-Butylbenzene	5.0	U	5.0	0.79
99-87-6	4-Isopropyltoluene	5.0	U	5.0	0.81
104-51-8	n-Butylbenzene	5.0	U	5.0	0.67
91-20-3	Naphthalene	5.0	U	5.0	0.34
1330-20-7	Xylenes, Total	5.0	U	5.0	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	89		65-136
460-00-4	4-Bromofluorobenzene	89		51-142
1868-53-7	Dibromofluoromethane	96		68-132
2037-26-5	Toluene-d8 (Surr)	103		63-127

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msl.i\L119590.b\L9594.D
Lab Smp Id: MB-613910 Client Smp ID: MB-613910
Inj Date : 13-MAY-2011 19:55 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : MB-613910
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119590.b\L8260BNW.m
Meth Date : 13-May-2011 18:49 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 20:49 Cal File: L9581.D
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

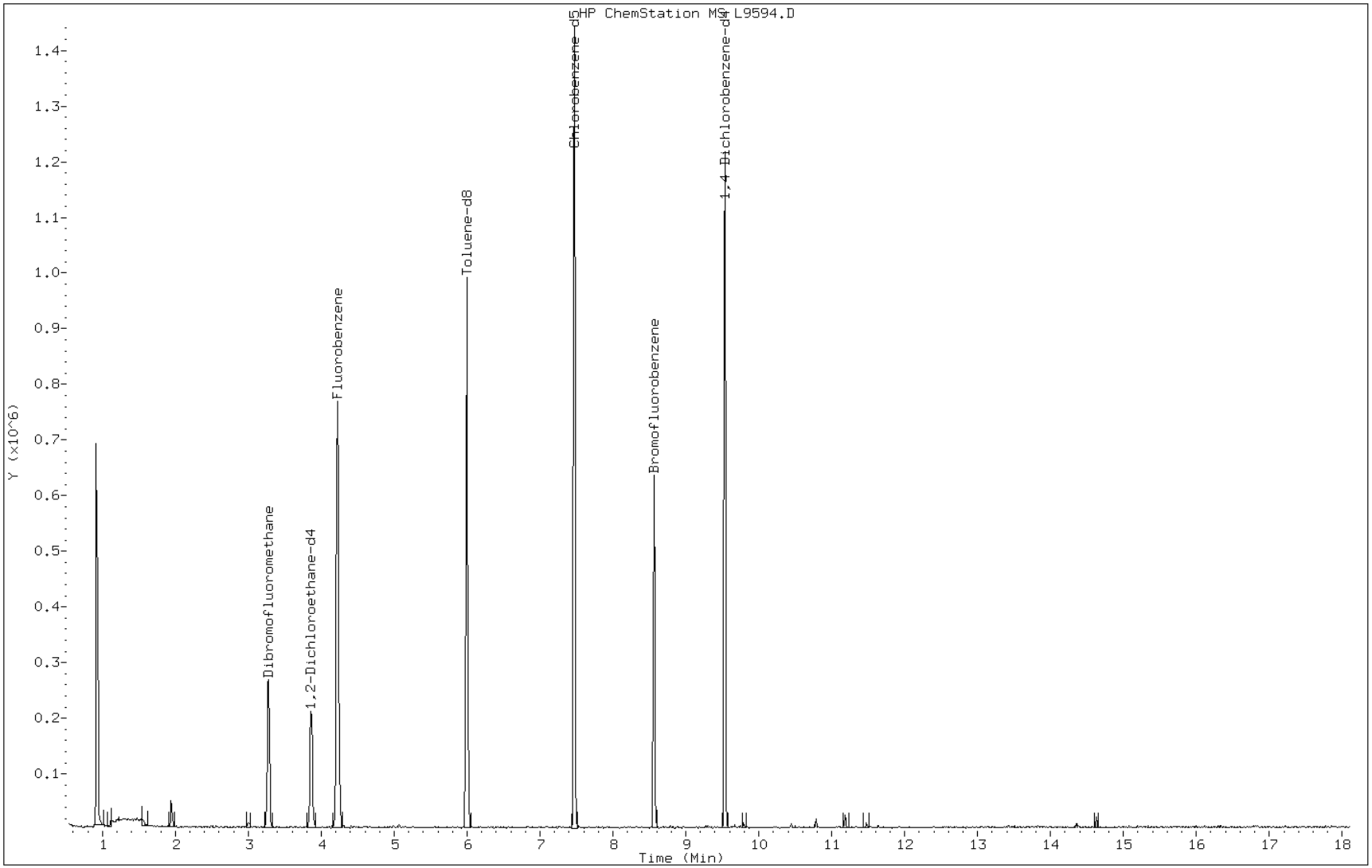
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1 Fluorobenzene	96	4.222	4.228	(1.000)	942200	25.0000	
$ 41 Dibromofluoromethane	111	3.278	3.273	(0.776)	195170	24.0776	24
$ 55 1,2-Dichloroethane-d4	65	3.858	3.864	(0.914)	173088	22.2692	22
* 75 Chlorobenzene-d5	117	7.471	7.466	(1.000)	747850	25.0000	
$ 77 Toluene-d8	98	5.994	6.000	(0.802)	639576	25.7289	26
* 95 1,4-Dichlorobenzene-d4	152	9.537	9.533	(1.000)	304701	25.0000	
$ 125 Bromofluorobenzene	95	8.563	8.569	(0.898)	202120	22.2889	22

Data File: L9594.D

Date: 13-MAY-2011 19:55

Client ID: MB-613910 Instrument: msl.i

Sample Info: MB-613910 Operator: E. LYNCH



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 220-50867/2

Matrix: Water Lab File ID: L9592.D

Analysis Method: 8260B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 05/13/2011 19:06

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VMS ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 50867 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
1634-04-4	Methyl tert-butyl ether	19.9		5.0	0.17
71-43-2	Benzene	20.6		5.0	0.74
108-88-3	Toluene	20.6		5.0	0.72
100-41-4	Ethylbenzene	19.9		5.0	0.87
179601-23-1	m&p-Xylene	41.4		5.0	1.7
95-47-6	o-Xylene	19.7		5.0	0.66
98-82-8	Isopropylbenzene	19.4		5.0	0.85
103-65-1	N-Propylbenzene	19.9		5.0	0.62
108-67-8	1,3,5-Trimethylbenzene	19.4		5.0	0.53
98-06-6	tert-Butylbenzene	18.6		5.0	0.75
95-63-6	1,2,4-Trimethylbenzene	19.4		5.0	0.64
135-98-8	sec-Butylbenzene	19.7		5.0	0.79
99-87-6	4-Isopropyltoluene	19.0		5.0	0.81
104-51-8	n-Butylbenzene	17.0		5.0	0.67
91-20-3	Naphthalene	18.4		5.0	0.34
1330-20-7	Xylenes, Total	61.1		5.0	2.3

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	88		65-136
460-00-4	4-Bromofluorobenzene	88		51-142
1868-53-7	Dibromofluoromethane	97		68-132
2037-26-5	Toluene-d8 (Surr)	106		63-127

Test America Inc

Volatile Report SW-846 Method 8260B

Data file : \\consvr05\Files\Chem\VOA\msl.i\L119590.b\L9592.D
Lab Smp Id: LCS-613173 Client Smp ID: LCS-613173
Inj Date : 13-MAY-2011 19:06 MS Autotune Date: 02-JUL-2009 08:51
Operator : E. LYNCH Inst ID: msl.i
Smp Info : LCS-613173
Misc Info : LLW
Comment :
Method : \\consvr05\Files\chem\VOA\msl.i\L119590.b\L8260BNW.m
Meth Date : 13-May-2011 18:49 eon Quant Type: ISTD
Cal Date : 12-MAY-2011 20:49 Cal File: L9581.D
Als bottle: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	5.000	ng unit correction factor
Vo	5.000	Sample Volume purged (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 1	Fluorobenzene	96	4.226	4.228	(1.000)	953397	25.0000	
2	Dichlorodifluoromethane	85	0.997	0.990	(0.236)	112130	23.5961	24
3	Chloromethane	50	1.096	1.098	(0.259)	172400	20.5486	20
4	Vinyl Chloride	62	1.115	1.118	(0.264)	149605	21.8082	22
5	Bromomethane	94	1.273	1.275	(0.301)	88511	26.0080	26(M)
6	Chloroethane	64	1.322	1.325	(0.313)	89819	28.8217	29
7	Trichlorofluoromethane	101	1.391	1.394	(0.329)	204729	24.2482	24
8	Dichlorofluoromethane	67	1.411	1.413	(0.334)	208977	22.3772	22
9	Ethyl Ether	45	1.519	1.521	(0.360)	87539	21.3230	21
10	Ethanol	45	1.578	1.581	(0.374)	81130	219.866	220
12	Freon 123	67	1.637	1.640	(0.387)	34847	24.2302	24
13	Trichlorotrifluoroethane	101	1.647	1.649	(0.390)	135544	24.2666	24
14	1,1-Dichloroethene	96	1.637	1.640	(0.387)	128449	21.5776	22
15	Carbon Disulfide	76	1.667	1.669	(0.394)	489675	23.1866	23
16	Iodomethane	142	1.726	1.718	(0.408)	115799	25.0407	25
17	Acrolein	56	1.804	1.807	(0.427)	431884	89.3568	89
19	3-Chloro-1-Propene	41	1.883	1.886	(0.446)	250046	21.5720	22
20	Methylene Chloride	84	1.942	1.945	(0.460)	193541	19.1289	19
21	Acetone	43	1.962	1.964	(0.464)	87937	24.6283	25
22	trans-1,2-Dichloroethene	96	2.041	2.033	(0.483)	158822	20.4450	20
23	Methyl Acetate	43	2.031	2.033	(0.481)	913685	20.1516	20
24	Methyl tert-Butyl Ether	73	2.090	2.092	(0.495)	451442	19.9205	20
25	tert-Butyl alcohol	59	2.129	2.132	(0.504)	115617	97.5129	98

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
	26 Acetonitrile	41	2.257	2.260	(0.534)	627527	202.114	200
	27 Isopropyl ether	45	2.326	2.329	(0.550)	587963	20.6740	21
	28 tert-Butyl ethyl ether	59	2.592	2.594	(0.613)	494272	20.1016	20
	29 2-Chloro-1,3-Butadiene	88	2.415	2.417	(0.571)	136773	22.8598	23
	30 Acrylonitrile	53	2.474	2.476	(0.585)	166425	40.9988	41
	31 1,1-Dichloroethane	63	2.434	2.437	(0.576)	266901	20.7211	21
	32 Vinyl Acetate	43	2.611	2.604	(0.618)	916294	17.4555	17
	33 cis-1,2-Dichloroethene	96	2.858	2.860	(0.676)	192932	21.1194	21
	34 2,2-Dichloropropane	77	2.946	2.949	(0.697)	206111	21.6893	22
	35 Bromochloromethane	128	3.035	3.027	(0.718)	94865	20.5822	20
	37 Cyclohexane	84	3.035	3.027	(0.718)	144288	24.7434	25
	38 Chloroform	83	3.094	3.096	(0.732)	282702	20.9035	21
	39 Ethyl Acetate	43	3.212	3.214	(0.760)	52439	68.3526	68(R)
	40 Methyl Acrylate	55	3.222	3.224	(0.762)	181335	19.8417	20
$	41 Dibromofluoromethane	111	3.271	3.273	(0.774)	198461	24.1893	24
	42 Tetrahydrofuran	42	3.241	3.244	(0.767)	136172	38.8288	39
	43 Carbon Tetrachloride	117	3.232	3.224	(0.765)	147528	23.7055	24
	44 1,1,1-Trichloroethane	97	3.300	3.303	(0.781)	210788	23.5887	24
	45 2-Butanone	43	3.399	3.401	(0.804)	119070	21.9884	22
	46 1,1-Dichloropropene	75	3.428	3.421	(0.811)	187055	23.3115	23
	47 tert-Amyl methyl ether	73	3.842	3.844	(0.909)	459903	19.6186	20
	49 1-Chlorobutane	56	3.478	3.480	(0.823)	260765	21.1113	21
	51 Propionitrile	54	3.734	3.736	(0.884)	305463	199.218	200
	52 Benzene	78	3.694	3.697	(0.874)	595107	20.6479	21
	53 2-Methyl-2-Propenenitrile	41	3.842	3.844	(0.909)	51166	2.43887	2(RM)
	54 Isobutyl alcohol	42	4.009	4.012	(0.949)	147314	194.057	190
$	55 1,2-Dichloroethane-d4	65	3.861	3.864	(0.914)	173230	22.0258	22
	56 1,2-Dichloroethane	62	3.950	3.953	(0.935)	178248	19.3700	19
	59 Methyl Cyclohexane	83	4.413	4.415	(1.044)	132550	19.6691	20
	60 Trichloroethene	130	4.442	4.435	(1.051)	147513	22.2376	22
	63 Dibromomethane	93	4.924	4.927	(1.165)	126150	18.9847	19
	64 1,2-Dichloropropane	63	5.043	5.045	(1.193)	162790	20.3590	20
	65 Bromodichloromethane	83	5.131	5.134	(1.214)	205459	19.6284	20
	66 Methyl Methacrylate	69	5.338	5.340	(1.263)	130521	19.3579	19(R)
	67 1,4-Dioxane	58	5.358	5.360	(1.268)	33526	171.006	170
	69 2-Chloroethylvinylether	63	5.781	5.773	(1.368)	273594	19.8103	20
	70 cis-1,3-Dichloropropene	75	5.810	5.813	(1.375)	266300	20.6388	21
	71 Chloroacetonitrile	48	6.224	6.226	(1.473)	84854	194.858	190(R)
	72 2-Nitropropane	41	6.283	6.285	(1.487)	94929	38.5220	38
	73 trans-1,3-Dichloropropene	75	6.480	6.482	(1.533)	240371	19.9349	20
	74 1,1,2-Trichloroethane	97	6.627	6.630	(1.568)	160962	19.9163	20
*	75 Chlorobenzene-d5	117	7.474	7.466	(1.000)	714197	25.0000	
	76 Toluene	91	6.047	6.049	(0.809)	604619	20.5573	20
$	77 Toluene-d8	98	5.997	6.000	(0.802)	632309	26.5340	26
	78 1,1-Dichloro-2-propanone	43	6.293	6.295	(0.842)	561808	98.4918	98
	79 4-Methyl-2-Pentanone	43	6.450	6.453	(0.863)	214637	20.1111	20
	80 Tetrachloroethene	164	6.421	6.423	(0.859)	98074	24.0890	24
	81 Ethyl Methacrylate	69	6.667	6.669	(0.892)	231491	19.8926	20
	82 Dibromochloromethane	129	6.785	6.787	(0.908)	167588	19.4590	19
	83 1,3-Dichloropropane	76	6.873	6.876	(0.920)	261654	20.0819	20
	84 1,2-Dibromoethane	107	6.982	6.984	(0.934)	181370	19.2284	19
	86 2-Hexanone	43	7.257	7.250	(0.971)	158235	20.5444	20
	87 1-Chlorohexane	91	7.513	7.496	(1.005)	212095	24.0173	24(M)
	88 Chlorobenzene	112	7.484	7.486	(1.001)	379332	20.1193	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
89	1,1,1,2-Tetrachloroethane	131	7.552	7.555	(1.011)	134213	19.8481	20
90	Ethylbenzene	106	7.533	7.525	(1.008)	170164	19.9268	20
91	Xylene (total)mp	106	7.671	7.663	(1.026)	435859	41.3526	41
92	Xylene (total)o	106	8.045	8.047	(1.076)	210041	19.6502	20
93	Styrene	104	8.094	8.096	(1.083)	386828	19.9349	20
94	Bromoform	173	8.104	8.106	(1.084)	121729	18.7898	19
* 95	1,4-Dichlorobenzene-d4	152	9.541	9.533	(1.000)	322298	25.0000	
96	Isopropylbenzene	105	8.330	8.332	(0.873)	406520	19.4464	19
97	Bromobenzene	156	8.645	8.647	(0.906)	158973	19.3810	19
98	1,1,2,2-Tetrachloroethane	83	8.773	8.775	(0.920)	234880	19.2164	19
99	4-Ethyltoluene	105	8.793	8.795	(0.922)	423483	19.5659	20
100	1,2,3-Trichloropropane	110	8.871	8.874	(0.930)	60198	19.0868	19
101	trans-1,4-Dichloro-2-Butene	53	8.921	8.913	(0.935)	107570	39.7670	40
102	n-Propylbenzene	91	8.694	8.697	(0.911)	525733	19.8724	20
103	2-Chlorotoluene	91	8.812	8.815	(0.924)	398894	19.5063	20
104	4-Chlorotoluene	91	8.960	8.962	(0.939)	387128	19.9901	20
105	1,3,5-Trimethylbenzene	105	8.871	8.874	(0.930)	340007	19.3523	19
106	tert-Butylbenzene	119	9.147	9.140	(0.959)	237544	18.6473	19
107	1,2,4-Trimethylbenzene	105	9.206	9.208	(0.965)	359008	19.3882	19
108	sec-Butylbenzene	105	9.295	9.297	(0.974)	407554	19.7416	20
109	4-Isopropyltoluene	119	9.432	9.435	(0.989)	306019	19.0363	19
110	1,3-Dichlorobenzene	146	9.472	9.474	(0.993)	219061	18.9704	19
111	1,4-Dichlorobenzene	146	9.550	9.553	(1.001)	235650	19.2593	19
112	1,2-Dichlorobenzene	146	9.905	9.907	(1.038)	216063	18.5090	18
113	Benzyl Chloride	126	9.777	9.769	(1.025)	70529	18.4280	18
114	1,4-Diethylbenzene	119	9.747	9.750	(2.307)	157890	19.6672	20
115	n-Butylbenzene	91	9.797	9.769	(1.027)	357762	16.9963	17(M)
118	1,2,4,5-Tetramethylbenzene	119	10.446	10.449	(2.472)	292704	18.9164	19
119	1,2-Dibromo-3-chloropropane	75	10.604	10.606	(1.111)	31526	18.6871	19
120	Nitrobenzene	77	11.096	11.098	(1.163)	161677	165.455	160
121	1,2,4-Trichlorobenzene	180	11.194	11.197	(1.173)	137260	18.8251	19
122	Hexachlorobutadiene	225	11.184	11.187	(1.172)	43607	10.7298	11
123	Naphthalene	128	11.480	11.472	(1.203)	449804	18.4500	18
124	1,2,3-Trichlorobenzene	180	11.637	11.640	(1.220)	137657	18.9870	19
$ 125	Bromofluorobenzene	95	8.566	8.569	(0.898)	211028	21.9899	22
M 126	1,2-Dichloroethene (total)	100				351754	41.5643	42
M 127	Xylene (total)	100				645900	61.0028	61

QC Flag Legend

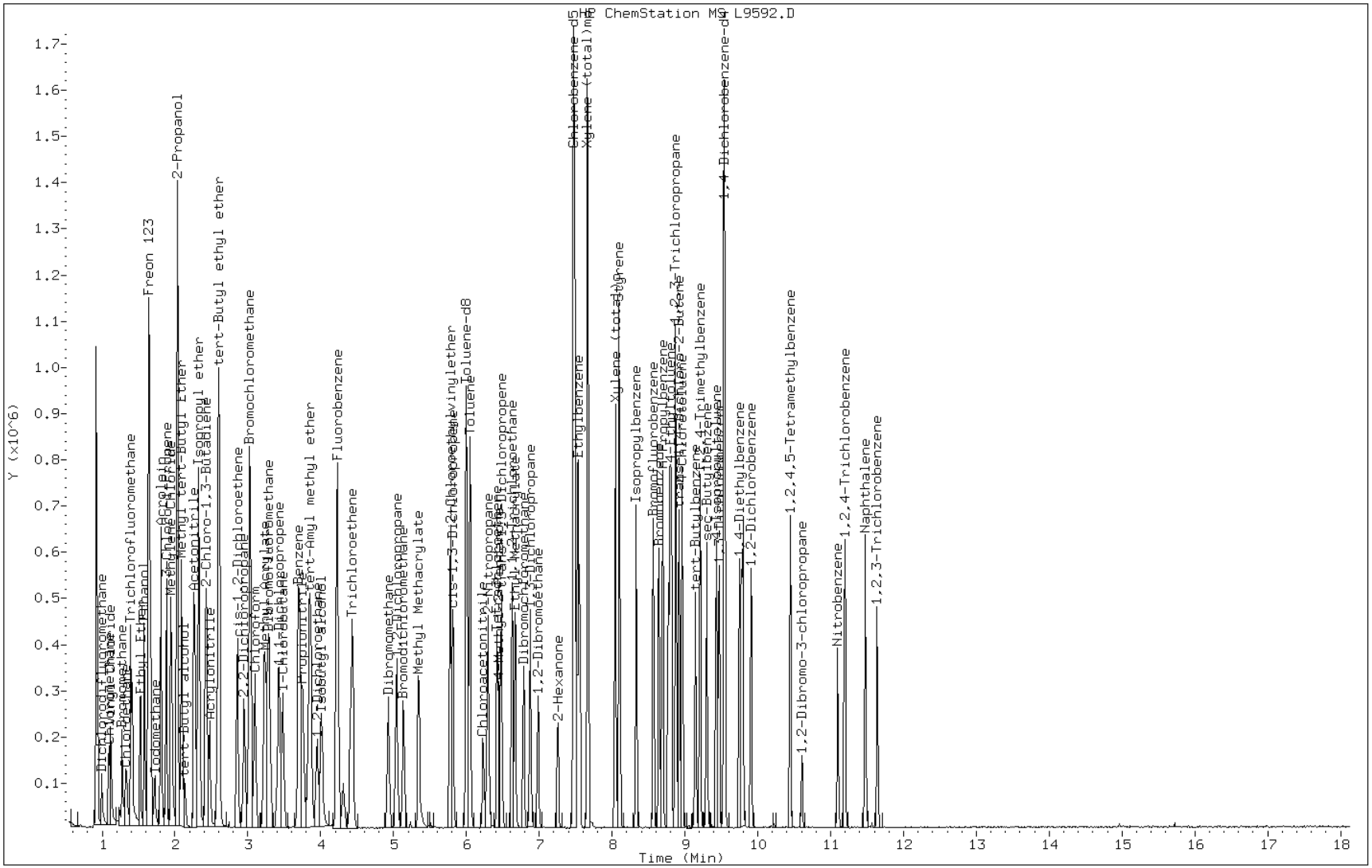
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: L9592.D

Date: 13-MAY-2011 19:06

Client ID: LCS-613173 Instrument: msl.i

Sample Info: LCS-613173 Operator: E. LYNCH



Manual Integration Report

Data File: L9592.D
Inj. Date and Time: 13-MAY-2011 19:06
Instrument ID: msl.i
Client ID: LCS-613173
Compound: 115 n-Butylbenzene
CAS #: 104-51-8
Report Date: 05/16/2011

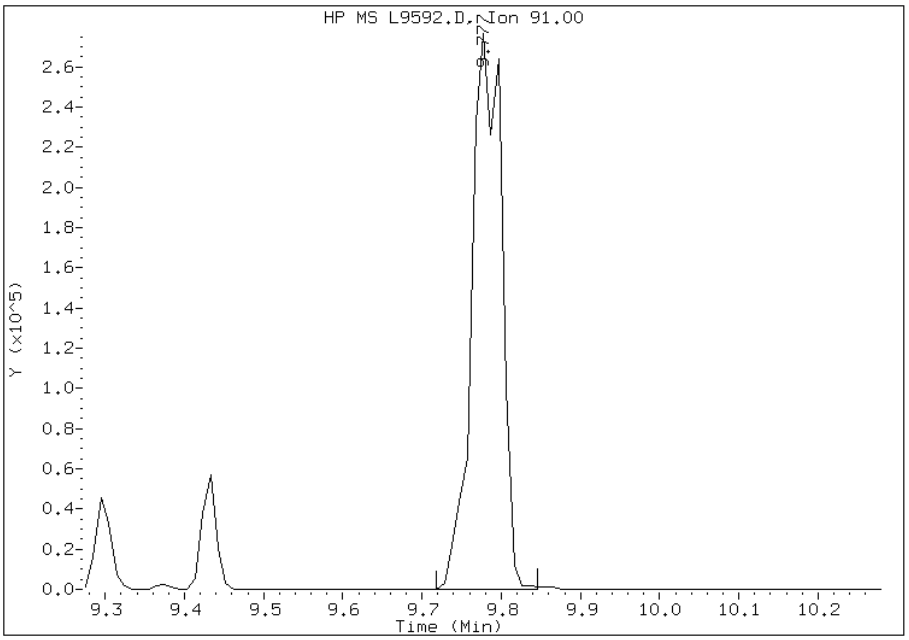
Processing Integration Results

RT: 9.78

Response: 739876

Amount: 35

Conc: 35



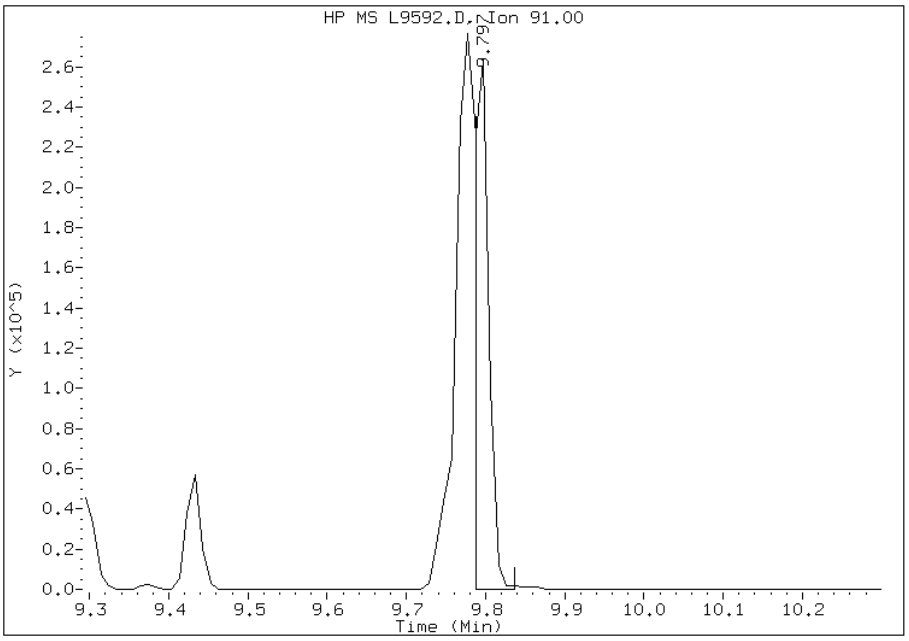
Manual Integration Results

RT: 9.80

Response: 357762

Amount: 17

Conc: 17



Manually Integrated By: dave
Manual Integration Reason: Incorrect peak integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Instrument ID: MSL Start Date: 05/12/2011 18:26

Analysis Batch Number: 50803 End Date: 05/12/2011 20:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-50803/7		05/12/2011 18:26	1	LB722.D	RTX-VMS 0.18(mm)
IC 220-50803/1		05/12/2011 18:48	1	L9576.D	RTX-VMS 0.18(mm)
IC 220-50803/2		05/12/2011 19:12	1	L9577.D	RTX-VMS 0.18(mm)
IC 220-50803/3		05/12/2011 19:37	1	L9578.D	RTX-VMS 0.18(mm)
IC 220-50803/4		05/12/2011 20:01	1	L9579.D	RTX-VMS 0.18(mm)
IC 220-50803/5		05/12/2011 20:25	1	L9580.D	RTX-VMS 0.18(mm)
IC 220-50803/6		05/12/2011 20:49	1	L9581.D	RTX-VMS 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Instrument ID: MSL Start Date: 05/13/2011 18:06

Analysis Batch Number: 50867 End Date: 05/14/2011 04:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 220-50867/14		05/13/2011 18:06	1	LB723.D	RTX-VMS 0.18(mm)
CCVIS 220-50867/1		05/13/2011 18:29	1	L9591.D	RTX-VMS 0.18(mm)
LCS 220-50867/2		05/13/2011 19:06	1	L9592.D	RTX-VMS 0.18(mm)
MB 220-50867/3		05/13/2011 19:55	1	L9594.D	RTX-VMS 0.18(mm)
220-15477-3	Trip Blank	05/13/2011 20:31	1	L9595.D	RTX-VMS 0.18(mm)
ZZZZZ		05/13/2011 20:55	1		RTX-VMS 0.18(mm)
ZZZZZ		05/13/2011 21:19	1		RTX-VMS 0.18(mm)
ZZZZZ		05/13/2011 21:44	1		RTX-VMS 0.18(mm)
ZZZZZ		05/13/2011 22:08	1		RTX-VMS 0.18(mm)
ZZZZZ		05/13/2011 22:33	1		RTX-VMS 0.18(mm)
ZZZZZ		05/13/2011 22:57	1		RTX-VMS 0.18(mm)
ZZZZZ		05/13/2011 23:21	1		RTX-VMS 0.18(mm)
220-15477-2	MW-UST-5	05/13/2011 23:45	1	L9603.D	RTX-VMS 0.18(mm)
220-15477-1	MW-X	05/14/2011 00:10	1	L9604.D	RTX-VMS 0.18(mm)
ZZZZZ		05/14/2011 00:34	1		RTX-VMS 0.18(mm)
ZZZZZ		05/14/2011 01:46	1		RTX-VMS 0.18(mm)
ZZZZZ		05/14/2011 02:11	1		RTX-VMS 0.18(mm)
ZZZZZ		05/14/2011 03:24	1		RTX-VMS 0.18(mm)
ZZZZZ		05/14/2011 03:48	1		RTX-VMS 0.18(mm)
ZZZZZ		05/14/2011 04:12	1		RTX-VMS 0.18(mm)
ZZZZZ		05/14/2011 04:37	1		RTX-VMS 0.18(mm)

Method 8270C

Semivolatile Organic Compounds (GC/MS) by Method 8270C

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): ZB-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	NBZ #	FBP #	TPH #
MW-X	220-15477-1	60	61	85
MW-UST-5	220-15477-2	67	68	89
	MB 220-50806/1-A	30 *	37 *	63
	LCS 220-50806/2-A	56	69	95

	QC LIMITS
NBZ = Nitrobenzene-d5	40-120
FBP = 2-Fluorobiphenyl	39-120
TPH = Terphenyl-d14	10-120

Column to be used to flag recovery values

FORM II 8270C

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Matrix: Water Level: Low Lab File ID: A16098.D

Lab ID: LCS 220-50806/2-A Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Naphthalene	40.0	22.5	56	42-120	
Acenaphthene	40.0	31.0	78	52-120	
Fluorene	40.0	34.3	86	61-120	
Phenanthrene	40.0	36.0	90	63-120	
Anthracene	40.0	36.1	90	60-120	
Pyrene	40.0	37.5	94	62-120	
Benzo[a]anthracene	40.0	36.1	90	60-120	
Chrysene	40.0	36.8	92	59-120	
Benzo[b]fluoranthene	40.0	36.6	92	59-120	
Benzo[k]fluoranthene	40.0	38.0	95	58-120	
Benzo[a]pyrene	40.0	36.7	92	51-120	
Indeno[1,2,3-cd]pyrene	40.0	36.4	91	48-120	
Dibenz(a,h)anthracene	40.0	36.7	92	47-120	
Benzo[g,h,i]perylene	40.0	37.4	94	48-120	
Fluoranthene	40.0	37.1	93	56-120	
Acenaphthylene	40.0	30.3	76	52-120	

Column to be used to flag recovery and RPD values

FORM III 8270C

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab File ID: A16119.D Lab Sample ID: MB 220-50806/1-A

Matrix: Water Date Extracted: 05/13/2011 07:27

Instrument ID: MSA Date Analyzed: 05/16/2011 11:21

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 220-50806/2-A	A16098.D	05/13/2011 14:23
MW-UST-5	220-15477-2	A16103.D	05/13/2011 16:40
MW-X	220-15477-1	A16122.D	05/16/2011 12:44

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab File ID: As16080.D DFTPP Injection Date: 05/13/2011

Instrument ID: MSA DFTPP Injection Time: 06:35

Analysis Batch No.: 50863

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	31.7	
68	Less than 2.0 % of mass 69	0.6	(1.5)1
69	Mass 69 relative abundance	39.5	
70	Less than 2.0 % of mass 69	0.2	(0.5)1
127	40.0 - 60.0 % of mass 198	53.1	
197	Less than 1.0 % of mass 198	0.4	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	19.1	
365	Greater than 1.0 % of mass 198	2.0	
441	Present but less than mass 443	15.5	
442	Greater than 40.0 % of mass 198	86.2	
443	17.0 - 23.0 % of mass 442	16.5	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICIS 220-50863/1	A16081.D	05/13/2011	06:59
	IC 220-50863/2	A16082.D	05/13/2011	07:26
	IC 220-50863/3	A16083.D	05/13/2011	07:54
	IC 220-50863/4	A16084.D	05/13/2011	08:22
	IC 220-50863/5	A16085.D	05/13/2011	08:49
	IC 220-50863/6	A16086.D	05/13/2011	09:17
	IC 220-50863/7	A16087.D	05/13/2011	09:45
	LCS 220-50806/2-A	A16098.D	05/13/2011	14:23
MW-UST-5	220-15477-2	A16103.D	05/13/2011	16:40

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab File ID: As16115.D DFTPP Injection Date: 05/16/2011

Instrument ID: MSA DFTPP Injection Time: 09:43

Analysis Batch No.: 50886

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0 - 60.0 % of mass 198	32.7	
68	Less than 2.0 % of mass 69	0.6	(1.4)1
69	Mass 69 relative abundance	41.1	
70	Less than 2.0 % of mass 69	0.1	(0.3)1
127	40.0 - 60.0 % of mass 198	54.7	
197	Less than 1.0 % of mass 198	0.8	
198	Base Peak, 100 % relative abundance	100.0	
199	5.0- 9.0 % of mass 198	6.7	
275	10.0 - 30.0 % of mass 198	19.2	
365	Greater than 1.0 % of mass 198	2.0	
441	Present but less than mass 443	14.1	
442	Greater than 40.0 % of mass 198	79.7	
443	17.0 - 23.0 % of mass 442	15.4	(19.3)2

1-Value is % mass 69 2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 220-50886/1	A16116.D	05/16/2011	09:58
	MB 220-50806/1-A	A16119.D	05/16/2011	11:21
MW-X	220-15477-1	A16122.D	05/16/2011	12:44

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Sample No.: ICIS 220-50863/1 Date Analyzed: 05/13/2011 06:59

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): A16081.D Heated Purge: (Y/N) N

Calibration ID: 10697

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		412090	4.76	1824343	6.12	1159841	7.98
UPPER LIMIT		824180	5.26	3648686	6.62	2319682	8.48
LOWER LIMIT		206045	4.26	912172	5.62	579921	7.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-50806/2-A		429744	4.76	1943855	6.12	1261953	7.99
220-15477-2	MW-UST-5	465344	4.76	2028398	6.12	1337606	7.98

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Sample No.: ICIS 220-50863/1 Date Analyzed: 05/13/2011 06:59

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): A16081.D Heated Purge: (Y/N) N

Calibration ID: 10697

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2005329	9.55	1877890	12.41	665051	14.53
UPPER LIMIT		4010658	10.05	3755780	12.91	1330102	15.03
LOWER LIMIT		1002665	9.05	938945	11.91	332526	14.03
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 220-50806/2-A		2157888	9.55	2057109	12.41	713292	14.54
220-15477-2	MW-UST-5	2327898	9.54	2104494	12.40	870841	14.53

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Sample No.: CCVIS 220-50886/1 Date Analyzed: 05/16/2011 09:58

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): A16116.D Heated Purge: (Y/N) N

Calibration ID: 10697

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		444779	4.75	1983981	6.11	1263673	7.97
UPPER LIMIT		889558	5.25	3967962	6.61	2527346	8.47
LOWER LIMIT		222390	4.25	991991	5.61	631837	7.47
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-50806/1-A		452112	4.74	2026679	6.10	1317342	7.96
220-15477-1	MW-X	440790	4.74	1960927	6.10	1272256	7.96

DCB = 1,4-Dichlorobenzene-d4
NPT = Naphthalene-d8
ANT = Acenaphthene-d10

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Sample No.: CCVIS 220-50886/1 Date Analyzed: 05/16/2011 09:58

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm)

Lab File ID (Standard): A16116.D Heated Purge: (Y/N) N

Calibration ID: 10697

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		2166473	9.54	2176425	12.40	1039903	14.51
UPPER LIMIT		4332946	10.04	4352850	12.90	2079806	15.01
LOWER LIMIT		1083237	9.04	1088213	11.90	519952	14.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 220-50806/1-A		2228469	9.52	2180326	12.38	1606224	14.51
220-15477-1	MW-X	2183038	9.52	2154248	12.38	1414790	14.51

PHN = Phenanthrene-d10
CRY = Chrysene-d12
PRY = Perylene-d12

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8270C

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15477-1

SDG No.:

Client Sample ID: MW-X | Lab Sample ID: 220-15477-1

Matrix: Water | Lab File ID: A16122.D

Analysis Method: 8270C | Date Collected: 05/12/2011 10:58

Extract. Method: 3510C | Date Extracted: 05/13/2011 09:24

Sample wt/vol: 1000(mL) | Date Analyzed: 05/16/2011 12:44

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50886 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	4.0	U	4.0	0.30
83-32-9	Acenaphthene	4.0	U	4.0	0.31
86-73-7	Fluorene	4.0	U	4.0	0.26
85-01-8	Phenanthrene	4.0	U	4.0	0.28
120-12-7	Anthracene	4.0	U	4.0	0.29
129-00-0	Pyrene	4.0	U	4.0	0.33
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36
206-44-0	Fluoranthene	4.0	U	4.0	0.31
208-96-8	Acenaphthylene	4.0	U	4.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	60		40-120
321-60-8	2-Fluorobiphenyl	61		39-120
1718-51-0	Terphenyl-d14	85		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116115.b\A16122.D
Lab Smp Id: 220-15477-E-1-A Client Smp ID: MW-X
Inj Date : 16-MAY-2011 12:44
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-15477-E-1-A
Misc Info : 220-15477-E-1-A
Comment   :
Method   : \\consvr05\files\Chem\BNA\msa.i\A1116115.b\MSA-8270C.m
Meth Date : 16-May-2011 10:18 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 09:45 Cal File: A16087.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

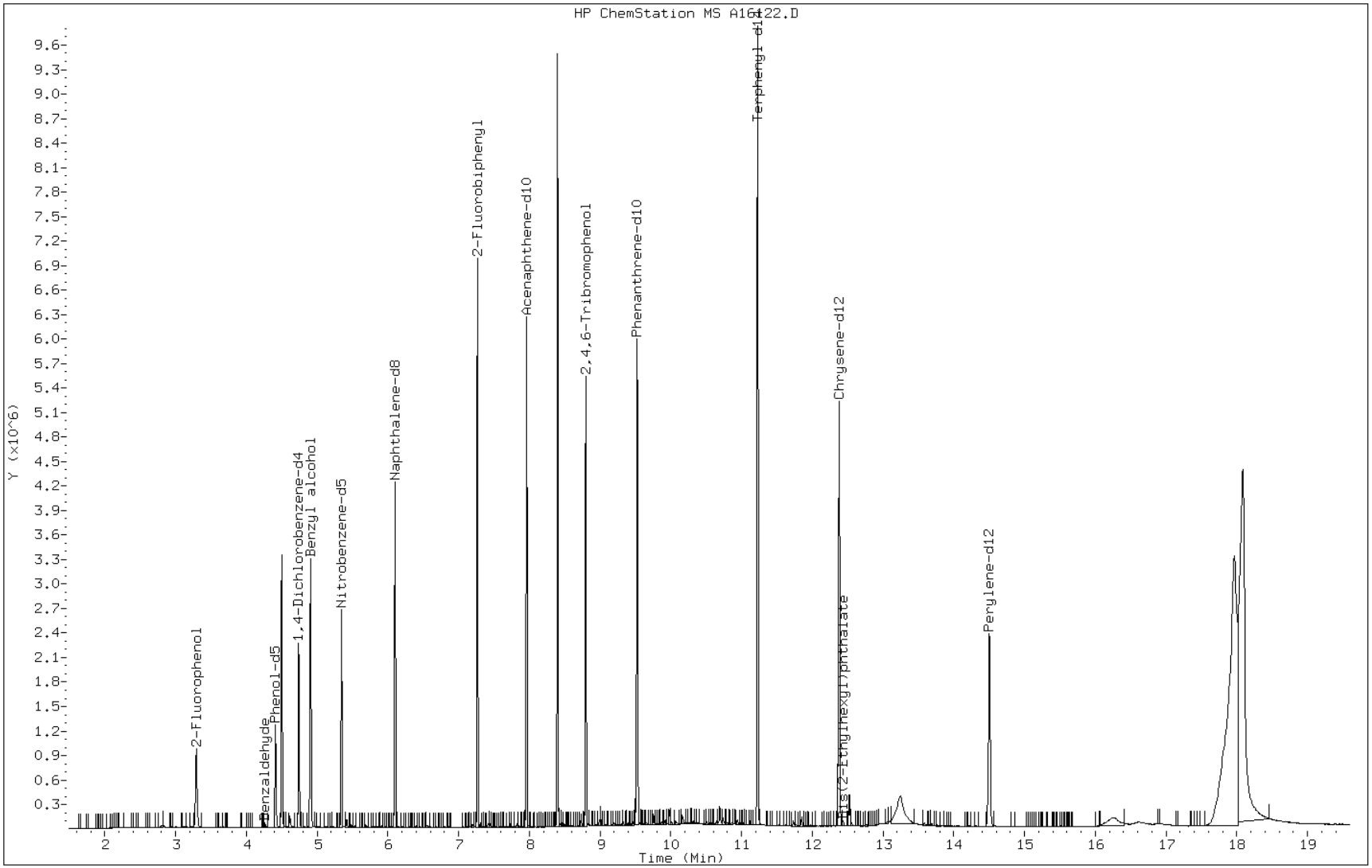
		QUANT SIG					CONCENTRATIONS ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.739	4.745	(1.000)	440790	20.0000	
$	2 2-Fluorophenol	112	3.291	3.297	(0.694)	604603	26.9402	27
$	3 Phenol-d5	99	4.412	4.430	(0.931)	532587	17.2589	17
	128 Benzaldehyde	77	4.264	4.264	(0.900)	11288	1.92024	2
	13 Benzyl alcohol	108	4.923	4.935	(1.039)	44681	2.49877	2
*	20 Naphthalene-d8	136	6.098	6.110	(1.000)	1960927	20.0000	
$	21 Nitrobenzene-d5	82	5.344	5.350	(0.876)	794908	29.9851	30
*	35 Acenaphthene-d10	164	7.962	7.968	(1.000)	1272256	20.0000	
$	40 2-Fluorobiphenyl	172	7.267	7.273	(0.913)	2054215	30.3223	30
$	56 2,4,6-Tribromophenol	330	8.799	8.805	(1.105)	636790	55.7485	56
*	57 Phenanthrene-d10	188	9.523	9.535	(1.000)	2183038	20.0000	
*	70 Chrysene-d12	240	12.384	12.396	(1.000)	2154248	20.0000	
$	73 Terphenyl-d14	244	11.226	11.232	(0.907)	3364841	42.3968	42
	78 Bis(2-Ethylhexyl)phthalate	149	12.437	12.443	(1.004)	21578	2.38178	2
*	79 Perylene-d12	264	14.508	14.514	(1.000)	1414790	20.0000	

Data File: A16122.D

Date: 16-MAY-2011 12:44

Client ID: MW-X Instrument: msa.i

Sample Info: 220-15477-E-1-A Operator: S.Jonas



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15477-1

SDG No.:

Client Sample ID: MW-UST-5 | Lab Sample ID: 220-15477-2

Matrix: Water | Lab File ID: A16103.D

Analysis Method: 8270C | Date Collected: 05/12/2011 11:11

Extract. Method: 3510C | Date Extracted: 05/13/2011 09:24

Sample wt/vol: 1000(mL) | Date Analyzed: 05/13/2011 16:40

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50863 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	4.0	U	4.0	0.30
83-32-9	Acenaphthene	4.0	U	4.0	0.31
86-73-7	Fluorene	4.0	U	4.0	0.26
85-01-8	Phenanthrene	0.32	J	4.0	0.28
120-12-7	Anthracene	4.0	U	4.0	0.29
129-00-0	Pyrene	4.0	U	4.0	0.33
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36
206-44-0	Fluoranthene	4.0	U	4.0	0.31
208-96-8	Acenaphthylene	4.0	U	4.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	67		40-120
321-60-8	2-Fluorobiphenyl	68		39-120
1718-51-0	Terphenyl-d14	89		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\A16103.D
Lab Smp Id: 220-15477-E-2-A Client Smp ID: MW-UST-5
Inj Date : 13-MAY-2011 16:40
Operator : S.Jonas Inst ID: msa.i
Smp Info : 220-15477-E-2-A
Misc Info : 220-15477-E-2-A
Comment :
Method : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\MSA-8270C.m
Meth Date : 16-May-2011 07:12 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 09:45 Cal File: A16087.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

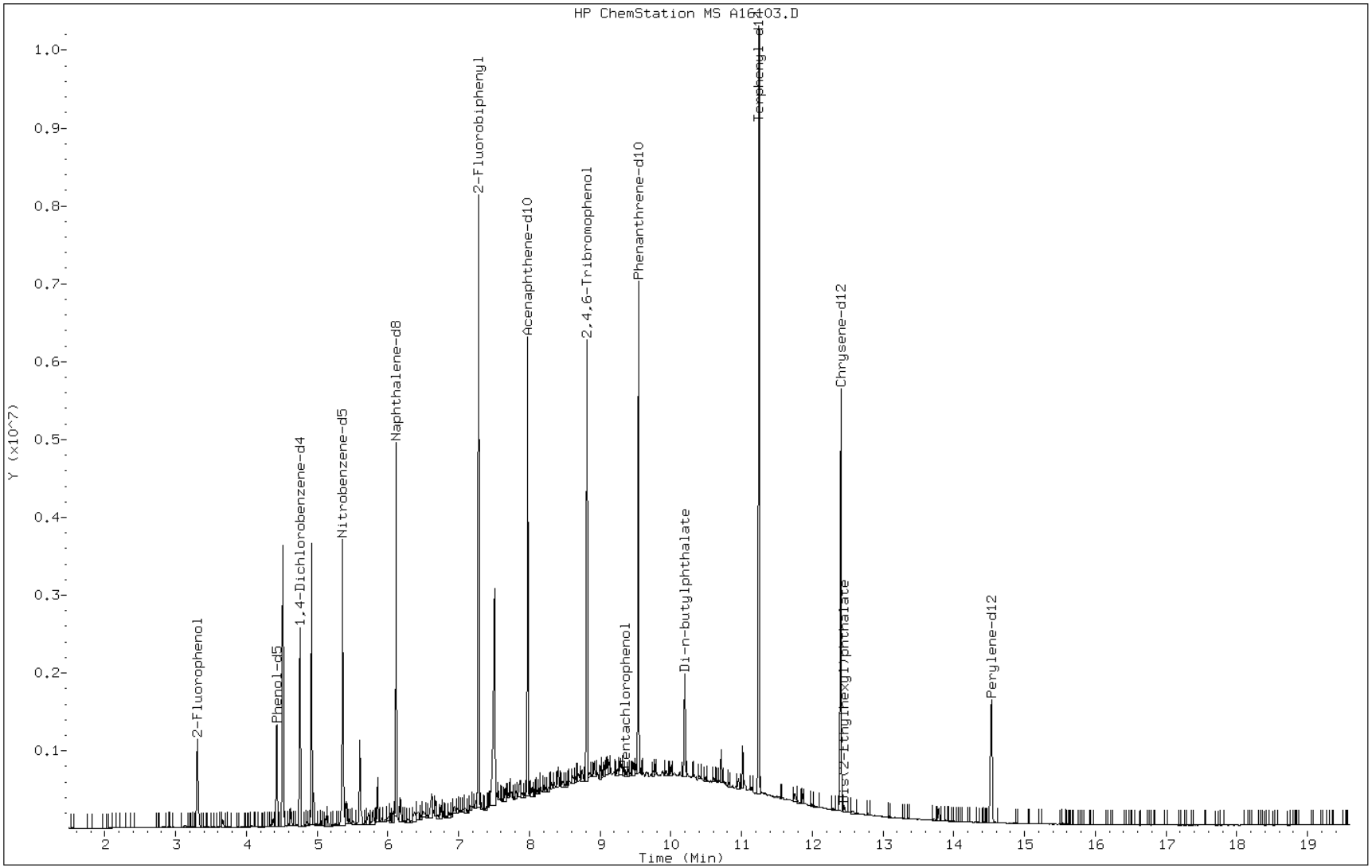
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	CONCENTRATIONS FINAL (ug/L)
*	1 1,4-Dichlorobenzene-d4	152	4.757	4.763	(1.000)	465344	20.0000	
$	2 2-Fluorophenol	112	3.303	3.321	(0.694)	679644	28.6860	29
$	3 Phenol-d5	99	4.430	4.460	(0.931)	621186	19.0678	19
*	20 Naphthalene-d8	136	6.116	6.122	(1.000)	2028398	20.0000	
$	21 Nitrobenzene-d5	82	5.362	5.374	(0.877)	919772	33.5411	34
*	35 Acenaphthene-d10	164	7.980	7.980	(1.000)	1337606	20.0000	
$	40 2-Fluorobiphenyl	172	7.285	7.291	(0.913)	2432525	34.1523	34
$	56 2,4,6-Tribromophenol	330	8.816	8.829	(1.105)	699882	58.2784	58
*	57 Phenanthrene-d10	188	9.541	9.553	(1.000)	2327898	20.0000	
	63 Pentachlorophenol	266	9.357	9.369	(0.981)	2108	4.40481	4
	64 Phenanthrene	178	9.564	9.582	(1.002)	37079	0.31951	0.3
	67 Di-n-butylphthalate	149	10.193	10.206	(1.068)	61600	0.40471	0.4
*	70 Chrysene-d12	240	12.401	12.414	(1.000)	2104494	20.0000	
$	73 Terphenyl-d14	244	11.250	11.250	(0.907)	3441500	44.3879	44
	78 Bis(2-Ethylhexyl)phthalate	149	12.455	12.461	(1.004)	25099	2.42298	2
*	79 Perylene-d12	264	14.532	14.527	(1.000)	870841	20.0000	

Data File: A16103.D

Date: 13-MAY-2011 16:40

Client ID: MW-UST-5 Instrument: msa.i

Sample Info: 220-15477-E-2-A Operator: S.Jonas



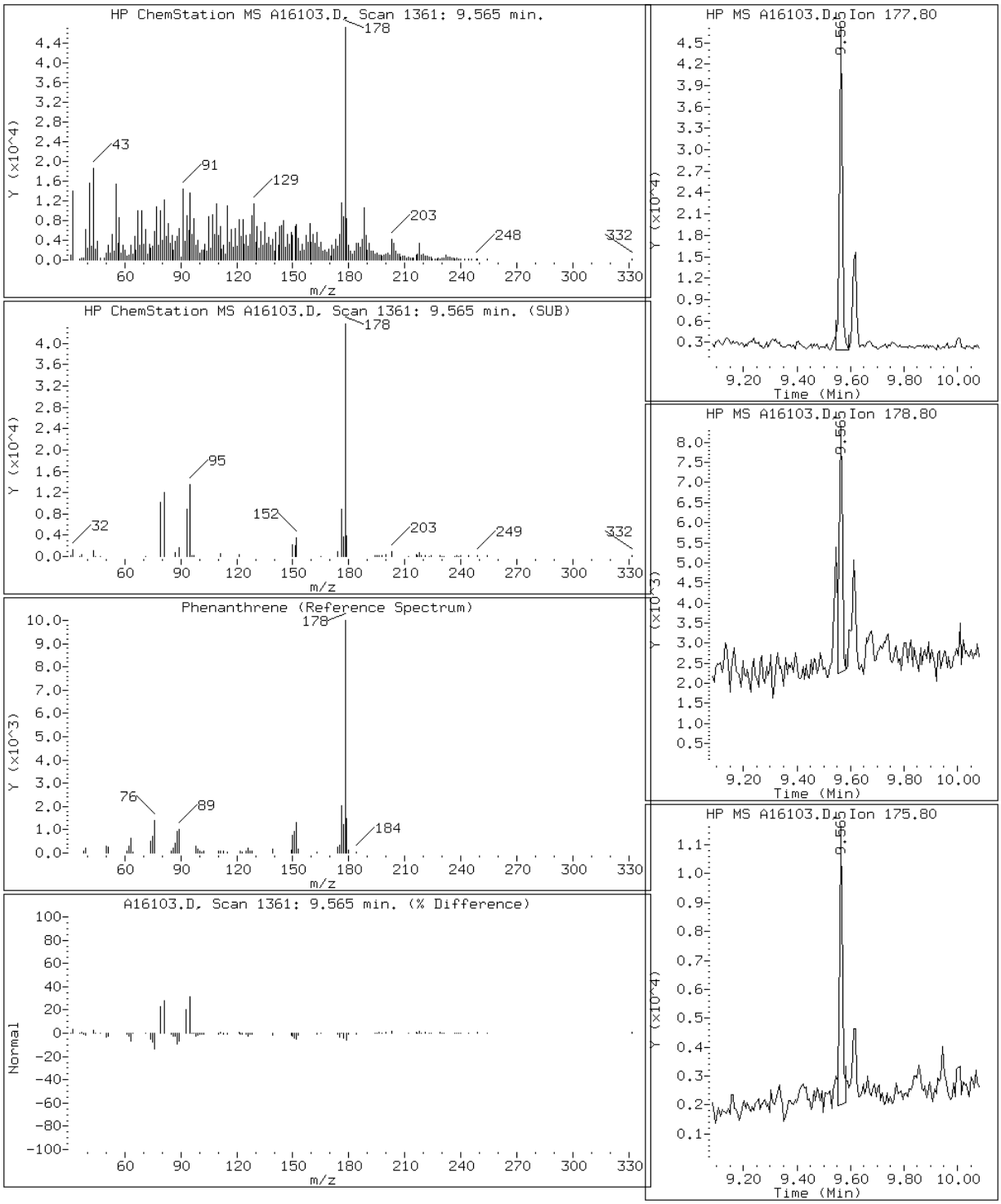
Data File: A16103.D

Date: 13-MAY-2011 16:40

Client ID: MW-UST-5 Instrument: msa.i

Sample Info: 220-15477-E-2-A Operator: S.Jonas

64 Phenanthrene



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50863/2	A16082.D
Level 2	IC 220-50863/3	A16083.D
Level 3	IC 220-50863/4	A16084.D
Level 4	IC 220-50863/5	A16085.D
Level 5	ICIS 220-50863/1	A16081.D
Level 6	IC 220-50863/6	A16086.D
Level 7	IC 220-50863/7	A16087.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.0821 0.0866	0.0891 0.0859	0.0808	0.0842	0.0842	Ave		0.0847				3.3		15.0			
Pyridine	0.1186 0.1323	0.1243 0.1329	0.1248	0.1297	0.1281	Ave		0.1272				4.0		15.0			
Cyclohexanone	0.4188 0.2769	0.3894 +++++	0.4010	0.3649	0.3879	Ave		0.3732				13.5		15.0			
Benzaldehyde	0.1045 0.1563	0.2335 0.1244	0.5836	0.4437	0.2209	Ave		0.2667				67.4	*	15.0			
Aniline	1.6276 1.6786	1.6609 1.6231	1.6335	1.6370	1.6857	Ave		1.6495				1.5		15.0			
Phenol	1.4150 1.4890	1.4191 1.4723	1.4708	1.4365	1.4069	Ave		1.4442				2.3		30.0			
Bis(2-chloroethyl)ether	0.7441 0.8500	0.7757 0.7974	0.7651	0.7885	0.7846	Ave		0.7865				4.2		15.0			
2-Chlorophenol	1.3343 1.4179	1.3148 1.3798	1.3441	1.3543	1.3633	Ave		1.3583				2.5		15.0			
1,3-Dichlorobenzene	1.4564 1.5844	1.4540 1.5447	1.4975	1.5181	1.5190	Ave		1.5106				3.1		15.0			
1,4-Dichlorobenzene	1.5194 1.6215	1.5052 1.5839	1.5373	1.5654	1.5658	Ave		1.5569				2.6		30.0			
1,2-Dichlorobenzene	1.4977 1.5521	1.4886 1.5031	1.5076	1.5234	1.5184	Ave		1.5130				1.4		15.0			
Benzyl alcohol	0.7503 0.8462	0.7785 0.8291	0.8144	0.8253	0.8354	Ave		0.8113				4.2		15.0			
2-Methylphenol	1.1403 1.2102	1.1636 1.1941	1.1656	1.1786	1.1777	Ave		1.1757				1.9		15.0			
2,2'-oxybis[1-chloropropane]	1.5071 1.3867	1.4869 1.3123	1.4916	1.4736	1.4054	Ave		1.4377				5.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetophenone	1.6647 1.7759	1.6641 1.7673	1.6788	1.7219	1.7036	Ave		1.7109				2.7		15.0			
N-Nitrosodi-n-propylamine	0.7561 0.8000	0.7249 0.7639	0.7711	0.7848	0.7750	Ave		0.7680			0.0500	3.1		15.0			
Methylphenol, 3 & 4	1.2201 1.3119	1.2003 1.2607	1.2499	1.2636	1.2666	Ave		1.2533				2.9		15.0			
Hexachloroethane	0.6366 0.7145	0.6474 0.6976	0.6681	0.6814	0.6796	Ave		0.6750				4.0		15.0			
Nitrobenzene	0.2599 0.2771	0.2546 0.2673	0.2620	0.2632	0.2633	Ave		0.2639				2.6		15.0			
Isophorone	0.4972 0.5389	0.4781 0.5380	0.5014	0.5098	0.5114	Ave		0.5107				4.3		15.0			
2-Nitrophenol	0.1666 0.2015	0.1728 0.1985	0.1800	0.1843	0.1913	Ave		0.1850				7.0		30.0			
2,4-Dimethylphenol	0.2511 0.2945	0.2519 0.2900	0.2644	0.2708	0.2819	Ave		0.2721				6.4		15.0			
Bis(2-chloroethoxy)methane	0.3685 0.3864	0.3480 0.3749	0.3631	0.3666	0.3723	Ave		0.3686				3.2		15.0			
Benzoic acid	0.1434 0.2209	0.0920 0.2255	0.3864	0.2438	0.1754	Ave		0.2125				43.9	*	15.0			
2,4-Dichlorophenol	0.2497 0.2903	0.2463 0.2843	0.2676	0.2731	0.2827	Ave		0.2706				6.3		30.0			
1,2,4-Trichlorobenzene	0.2868 0.3190	0.2811 0.3143	0.2948	0.2998	0.3086	Ave		0.3006				4.7		15.0			
Naphthalene	0.9516 0.9786	0.9201 0.9294	0.9460	0.9576	0.9725	Ave		0.9508				2.2		15.0			
4-Chloroaniline	0.3595 0.4227	0.3952 0.4035	0.4143	0.4104	0.4218	Ave		0.4039				5.4		15.0			
Hexachlorobutadiene	0.1400 0.1613	0.1397 0.1547	0.1491	0.1494	0.1569	Ave		0.1502				5.5		30.0			
Caprolactam	0.0736 0.0793	0.0767 0.0764	0.0841	0.0868	0.0900	Ave		0.0810				7.5		15.0			
4-Chloro-3-methylphenol	0.2495 0.2844	0.2394 0.2800	0.2590	0.2639	0.2710	Ave		0.2639				6.1		30.0			
2,4,5-Trichlorotoluene	1.1126 1.2674	1.0906 1.2637	1.1205	1.1671	1.2081	Ave		1.1757				6.2		15.0			
2-Methylnaphthalene	0.6318 0.6834	0.6136 0.6517	0.6490	0.6544	0.6696	Ave		0.6505				3.5		15.0			
Hexachlorocyclopentadiene	0.2119 0.2858	0.2285 0.2538	0.2638	0.2792	0.3050	Ave		0.2612			0.0500	12.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2,4,5-Tetrachlorobenzene	0.1999 0.2414	0.1618 0.2281	0.2118	0.2217	0.2384	Ave		0.2147				12.8		15.0			
2,4,6-Trichlorophenol	0.2762 0.3452	0.2871 0.3429	0.3066	0.3134	0.3352	Ave		0.3152				8.6		30.0			
2,4,5-Trichlorophenol	0.3041 0.3592	0.3047 0.3583	0.3210	0.3261	0.3570	Ave		0.3329				7.5		15.0			
1,1'-Biphenyl	1.1970 1.2729	1.1762 1.1392	1.2408	1.2684	1.3036	Ave		1.2283				4.8		15.0			
2-Chloronaphthalene	0.9692 1.0383	0.9811 0.9552	0.9999	1.0297	1.0619	Ave		1.0050				3.9		15.0			
2-Nitroaniline	0.2277 0.2481	0.2166 0.2383	0.2319	0.2366	0.2370	Ave		0.2337				4.2		15.0			
Dimethyl phthalate	1.0409 1.1892	1.0467 1.1774	1.0904	1.1121	1.1874	Ave		1.1206				5.8		15.0			
2,6-Dinitrotoluene	0.2421 0.2838	0.2373 0.2864	0.2508	0.2634	0.2775	Ave		0.2630				7.7		15.0			
Acenaphthylene	1.5942 1.7428	1.6020 1.6846	1.6625	1.6779	1.7578	Ave		1.6745				3.7		15.0			
3-Nitroaniline	0.2796 0.3351	0.2956 0.3367	0.3062	0.3241	0.3379	Ave		0.3165				7.3		15.0			
Acenaphthene	1.0219 1.1071	0.9924 1.0620	1.0378	1.0524	1.1035	Ave		1.0539				4.0		30.0			
2,4-Dinitrophenol	0.0543 0.1729	0.0847 0.1805	0.1265	0.1389	0.1550	Lin	0.3255	0.1930			0.0500			15.0	0.9951		0.9900
4-Nitrophenol	0.0961 0.1329	0.1051 0.1386	0.1157	0.1185	0.1269	Ave		0.1191			0.0500	12.7		15.0			
Dibenzofuran	1.4041 1.5279	1.3672 1.4696	1.4333	1.4821	1.5310	Ave		1.4593				4.2		15.0			
2,4-Dinitrotoluene	0.3308 0.3996	0.3313 0.3916	0.3580	0.3755	0.3983	Ave		0.3693				8.1		15.0			
2,3,4,6-Tetrachlorophenol	0.2275 0.2829	0.1781 0.2834	0.2505	0.2551	0.2724	Ave		0.2500				15.0		15.0			
Diethyl phthalate	1.1362 1.3050	1.1358 1.2854	1.1781	1.2164	1.2912	Ave		1.2211				6.0		15.0			
Fluorene	1.0997 1.2578	1.0980 1.1833	1.1559	1.2044	1.2598	Ave		1.1799				5.7		15.0			
4-Chlorophenyl phenyl ether	0.4993 0.5763	0.4895 0.5270	0.5167	0.5403	0.5744	Ave		0.5319				6.4		15.0			
4-Nitroaniline	0.2770 0.3261	0.2851 0.3224	0.3023	0.3153	0.3346	Ave		0.3090				7.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
4,6-Dinitro-2-methylphenol	0.0738 0.1343	0.0902 0.1378	0.1109	0.1143	0.1243	Lin	0.2236	0.1441						15.0	0.9974		0.9900
N-Nitrosodiphenylamine	0.4435 0.5094	0.4268 0.5049	0.4519	0.4639	0.4919	Ave		0.4703				6.8		30.0			
1,2-Diphenylhydrazine	0.6357 0.6747	0.6134 0.6743	0.6469	0.6534	0.6569	Ave		0.6508				3.3		15.0			
4-Bromophenyl phenyl ether	0.1674 0.1970	0.1597 0.1942	0.1724	0.1789	0.1916	Ave		0.1802				8.0		15.0			
Hexachlorobenzene	0.1872 0.2164	0.1808 0.2108	0.1909	0.1971	0.2130	Ave		0.1995				7.0		15.0			
Simazine	0.0905 0.1260	0.0907 +++++	0.0949	0.0977	0.1150	Ave		0.1025				14.3		15.0			
Atrazine	0.1478 0.1920	0.1430 0.1918	0.1522	0.1591	0.1901	Ave		0.1680				13.3		15.0			
Pentachlorophenol	0.0888 0.1474	0.0969 0.1480	0.1185	0.1257	0.1351	Lin	0.2144	0.1556						30.0	0.9972		0.9900
Pentachloronitrobenzene	0.0666 0.0776	0.0516 0.0766	0.0714	0.0710	0.0742	Ave		0.0699				12.7		15.0			
Phenanthrene	0.9436 1.0672	0.9217 1.0446	0.9568	0.9993	1.0460	Ave		0.9970				5.8		15.0			
Anthracene	0.9732 1.0817	0.9377 1.0550	0.9782	1.0078	1.0692	Ave		1.0147				5.4		15.0			
Carbazole	0.9139 1.0151	0.8736 1.0017	0.9325	0.9474	1.0139	Ave		0.9569				5.7		15.0			
Di-n-butyl phthalate	1.2294 1.3903	1.2036 1.2568	1.2974	1.3614	1.4150	Ave		1.3077				6.3		15.0			
Fluoranthene	0.9994 1.1408	0.9693 1.1058	1.0391	1.0886	1.1293	Ave		1.0675				6.2		30.0			
Benzidine	0.1259 0.2255	0.1754 0.1837	0.3033	0.2799	0.3446	Ave		0.2340				33.5	*	15.0			
Pyrene	1.0043 1.3517	0.9999 +++++	1.0610	1.1062	1.2419	Ave		1.1275				12.5		15.0			
3,3'-Dimethylbenzidine	0.1388 0.1589	0.1112 0.1229	0.2428	0.2263	0.2362	Ave		0.1767				32.1	*	15.0			
Butyl benzyl phthalate	0.4830 0.6842	0.4771 +++++	0.5407	0.5704	0.6374	Ave		0.5655				14.7		15.0			
3,3'-Dichlorobenzidine	0.2520 0.2664	0.2471 0.2365	0.2839	0.2936	0.2941	Ave		0.2677				8.7		15.0			
Benzo[a]anthracene	0.9350 1.0753	0.8858 1.0704	0.9342	0.9819	1.0505	Ave		0.9905				7.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUTION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chrysene	0.8624 0.9798	0.8370 0.9416	0.8931	0.9157	0.9649	Ave		0.9135				5.8		15.0			
Bis(2-ethylhexyl) phthalate	0.6040 0.8943	0.6055 0.9120	0.6872	0.7589	0.8485	Lin	0.1083	0.9273						15.0	0.9987		0.9900
Di-n-octyl phthalate	0.8101 2.8572	0.8801 +++++	1.2045	1.6291	2.4198	Qua	0.1454	0.4890	-0.018					30.0	0.9953		0.9900
Benzo[b]fluoranthene	0.9203 1.4134	0.9133 1.2867	1.0669	1.1991	1.4376	Lin	0.0545	1.3696						15.0	0.9934		0.9900
Benzo[k]fluoranthene	0.9719 1.4626	0.9942 1.2820	1.0907	1.2317	1.4489	Lin	0.0466	1.3832						15.0	0.9900		0.9900
Benzo[a]pyrene	0.7640 0.9765	0.7416 0.9411	0.8155	0.8708	0.9595	Ave		0.8670				11.0		30.0			
Indeno[1,2,3-cd]pyrene	0.3950 0.7429	0.3627 +++++	0.3621	0.3317	0.5115	Qua	0.0610	2.5216	-0.542					15.0	0.9944		0.9900
Dibenz(a,h)anthracene	0.3386 0.7535	0.3312 +++++	0.3407	0.3283	0.5135	Qua	0.0812	2.4855	-0.531					15.0	0.9943		0.9900
Benzo[g,h,i]perylene	0.3703 0.7723	0.3466 +++++	0.3291	0.3165	0.5328	Qua	0.0970	2.3944	-0.495					15.0	0.9914		0.9900
2-Fluorophenol	0.9780 1.0586	0.9932 1.0477	1.0084	1.0214	1.0207	Ave		1.0183				2.8		15.0			
Phenol-d5	1.3549 1.4635	1.3476 1.4307	1.3946	1.4174	1.3923	Ave		1.4002				2.9		15.0			
Nitrobenzene-d5	0.2601 0.2840	0.2616 0.2796	0.2647	0.2717	0.2710	Ave		0.2704				3.3		15.0			
2-Fluorobiphenyl	1.0258 1.1183	1.0127 1.0786	1.0434	1.0610	1.1149	Ave		1.0650				3.9		15.0			
2,4,6-Tribromophenol	0.1602 0.1820	0.1615 0.1766	0.2173	0.1754	0.1839	Ave		0.1796				10.6		15.0			
Terphenyl-d14	0.6460 0.8944	0.6293 +++++	0.6857	0.7325	0.8330	Ave		0.7368				14.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 220-50863/2	A16082.D
Level 2	IC 220-50863/3	A16083.D
Level 3	IC 220-50863/4	A16084.D
Level 4	IC 220-50863/5	A16085.D
Level 5	ICIS 220-50863/1	A16081.D
Level 6	IC 220-50863/6	A16086.D
Level 7	IC 220-50863/7	A16087.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	Ave	3628 105728	7456 144117	17551	35103	69380	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyridine	DCB	Ave	5242 161543	10404 223065	27110	54117	105540	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	18518 338021	32595 +++++	87121	152176	319679	2.00 60.0	4.00 +++++	10.0	20.0	40.0
Benzaldehyde	DCB	Ave	4622 190791	19547 208796	126797	185070	182076	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Aniline	DCB	Ave	71960 2048866	139026 2723572	354900	682770	1389280	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol	DCB	Ave	62560 1817478	118785 2470511	319549	599132	1159518	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethyl)ether	DCB	Ave	32896 1037526	64927 1337960	166235	328865	646687	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chlorophenol	DCB	Ave	58990 1730710	110056 2315221	292013	564867	1123564	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,3-Dichlorobenzene	DCB	Ave	64390 1933955	121703 2592049	325345	633173	1251962	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,4-Dichlorobenzene	DCB	Ave	67175 1979170	125988 2657690	334002	652907	1290490	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Dichlorobenzene	DCB	Ave	66218 1894495	124603 2522254	327540	635386	1251397	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzyl alcohol	DCB	Ave	33170 1032908	65163 1391189	176948	344234	688555	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylphenol	DCB	Ave	50414 1477154	97398 2003630	253244	491582	970671	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,2'-oxybis[1-chloropropane]	DCB	Ave	66633 1692666	124462 2201987	324065	614637	1158338	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acetophenone	DCB	Ave	73600 2167605	139293 2965527	364747	718185	1404111	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
N-Nitrosodi-n-propylamine	DCB	Ave	33428 976534	60675 1281839	167538	327319	638759	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Methylphenol, 3 & 4	DCB	Ave	53945 1601321	100472 2115507	271549	527045	1043909	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachloroethane	DCB	Ave	28146 872113	54186 1170610	145143	284196	560126	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene	NPT	Ave	51375 1502436	95694 2014096	251940	490828	960542	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Isophorone	NPT	Ave	98272 2921949	179689 4053160	482143	950700	1865968	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitrophenol	NPT	Ave	32932 1092637	64960 1495359	173138	343717	698100	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dimethylphenol	NPT	Ave	49633 1596768	94674 2184619	254307	504895	1028673	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-chloroethoxy)methane	NPT	Ave	72846 2094979	130802 2824920	349221	683643	1358440	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzoic acid	NPT	Ave	28340 1197618	86490 1699133	371565	454686	640117	2.00 60.0	10.0 80.0	10.0	20.0	40.0
2,4-Dichlorophenol	NPT	Ave	49349 1573937	92580 2142041	257387	509347	1031358	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4-Trichlorobenzene	NPT	Ave	56682 1729747	105651 2368349	283523	559134	1126101	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Naphthalene	NPT	Ave	188110 5305586	345820 7002546	909763	1785696	3548295	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloroaniline	NPT	Ave	71053 2291991	148519 3040160	398451	765290	1539134	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobutadiene	NPT	Ave	27669 874637	52488 1165663	143363	278644	572590	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Caprolactam	NPT	Ave	14557 429963	28839 575961	80893	161840	328277	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chloro-3-methylphenol	NPT	Ave	49323 1542227	89984 2109478	249066	492192	988648	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,5-Trichlorotoluene	DCB	Ave	49189 1547033	91287 2120426	243435	486790	995697	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Methylnaphthalene	NPT	Ave	124894 3705118	230612 4910012	624143	1220340	2443047	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorocyclopentadiene	ANT	Ave	26714 1012469	54465 1260499	164123	337075	707558	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2,4,5-Tetrachlorobenzene	ANT	Ave	25211 855186	48213 1132961	131781	267630	552988	2.00 60.0	5.00 80.0	10.0	20.0	40.0
2,4,6-Trichlorophenol	ANT	Ave	34829 1222950	68437 1702868	190713	378269	777593	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2,4,5-Trichlorophenol	ANT	Ave	95860 1272653	181576 1779231	499243	590523	828086	5.00 60.0	10.0 80.0	25.0	30.0	40.0
1,1'-Biphenyl	ANT	Ave	150931 4509937	280351 5657420	771815	1531103	3023859	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Chloronaphthalene	ANT	Ave	122202 3678734	233849 4743459	621992	1243002	2463217	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Nitroaniline	ANT	Ave	28707 879209	51617 1183467	144252	285610	549661	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Dimethyl phthalate	ANT	Ave	131250 4213439	249492 5847064	678306	1342395	2754504	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,6-Dinitrotoluene	ANT	Ave	30527 1005368	56566 1422447	156032	318000	643609	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthylene	ANT	Ave	201017 6174797	381844 8365456	1034189	2025368	4077464	2.00 60.0	4.00 80.0	10.0	20.0	40.0
3-Nitroaniline	ANT	Ave	35255 1187291	70459 1671868	190474	391274	783912	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Acenaphthene	ANT	Ave	128856 3922562	236536 5273890	645576	1270340	2559715	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrophenol	ANT	Lin	17111 612538	50492 896227	196733	251524	359478	5.00 60.0	10.0 80.0	25.0	30.0	40.0
4-Nitrophenol	ANT	Ave	30294 470932	62617 688122	179876	214579	294365	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Dibenzofuran	ANT	Ave	177045 5413378	325885 7298035	891611	1789081	3551511	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4-Dinitrotoluene	ANT	Ave	41706 1415639	78959 1944846	222682	453258	923949	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,3,4,6-Tetrachlorophenol	ANT	Ave	28684 1002488	53052 1407543	155807	307902	631824	2.00 60.0	5.00 80.0	10.0	20.0	40.0
Diethyl phthalate	ANT	Ave	143259 4623801	270718 6383087	732817	1468353	2995233	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluorene	ANT	Ave	138664 4456394	261710 5876324	719049	1453898	2922432	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Chlorophenyl phenyl ether	ANT	Ave	62961 2041970	116687 2616995	321439	652215	1332327	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4-Nitroaniline	ANT	Ave	34931 1155504	67955 1601168	188059	380637	776126	2.00 60.0	4.00 80.0	10.0	20.0	40.0
4,6-Dinitro-2-methylphenol	PHN	Lin	39821 817190	93679 1164407	297899	358913	498477	5.00 60.0	10.0 80.0	25.0	30.0	40.0
N-Nitrosodiphenylamine	PHN	Ave	95685 3099950	177367 4267187	485579	970885	1972945	2.00 60.0	4.00 80.0	10.0	20.0	40.0
1,2-Diphenylhydrazine	PHN	Ave	137165 4105941	254917 5699117	695065	1367556	2634531	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
4-Bromophenyl phenyl ether	PHN	Ave	36119 1199082	66363 1641679	185215	374357	768491	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Hexachlorobenzene	PHN	Ave	40389 1316582	75159 1782110	205105	412458	854428	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Simazine	PHN	Ave	19528 766986	37702 +++++	101952	204512	461275	2.00 60.0	4.00 +++++	10.0	20.0	40.0
Atrazine	PHN	Ave	31882 1168318	59430 1621246	163508	332945	762496	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pentachlorophenol	PHN	Lin	47894 897201	100675 1251324	318228	394464	541863	5.00 60.0	10.0 80.0	25.0	30.0	40.0
Pentachloronitrobenzene	PHN	Ave	14375 472176	26811 647387	76685	148533	297773	2.00 60.0	5.00 80.0	10.0	20.0	40.0
Phenanthrene	PHN	Ave	203590 6493859	383052 8829261	1028116	2091394	4195104	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Anthracene	PHN	Ave	209989 6582590	389723 8917137	1051014	2109105	4288301	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Carbazole	PHN	Ave	197184 6177215	363087 8467002	1001924	1982866	4066328	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-butyl phthalate	PHN	Ave	265263 8459981	500237 10622468	1394053	2849197	5674979	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Fluoranthene	PHN	Ave	215640 6941994	402841 9346723	1116452	2278297	4529177	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzidine	CRY	Ave	27302 1184228	73564 1179836	325784	589577	1294324	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Pyrene	CRY	Ave	217726 7099894	419273 +++++	1139575	2330415	4664405	2.00 60.0	4.00 +++++	10.0	20.0	40.0
3,3'-Dimethylbenzidine	CRY	Ave	30095 834557	46626 789587	260781	476777	887224	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Butyl benzyl phthalate	CRY	Ave	104712 3593910	200057 +++++	580734	1201538	2394037	2.00 60.0	4.00 +++++	10.0	20.0	40.0
3,3'-Dichlorobenzidine	CRY	Ave	54643 1399296	103597 1518998	304983	618598	1104396	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]anthracene	CRY	Ave	202713 5648272	371400 6874454	1003470	2068530	3945388	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Chrysene	CRY	Ave	186961 5146378	350955 6047530	959293	1928978	3623811	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Bis(2-ethylhexyl) phthalate	CRY	Lin	130943 4697396	253901 5857218	738108	1598763	3186717	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Di-n-octyl phthalate	PRY	Qua	128199 4353702	260389 +++++	805361	1787872	3218598	2.00 60.0	4.00 +++++	10.0	20.0	40.0
Benzo[b]fluoranthene	PRY	Lin	145639 2153681	270212 2445860	713338	1315966	1912170	2.00 60.0	4.00 80.0	10.0	20.0	40.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1 Analy Batch No.: 50863

SDG No.:

Instrument ID: MSA GC Column: ZB-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 05/13/2011 06:59 Calibration End Date: 05/13/2011 09:45 Calibration ID: 10697

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Benzo[k]fluoranthene	PRY	Lin	153808 2228729	294167 2436888	729272	1351697	1927249	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Benzo[a]pyrene	PRY	Ave	120894 1488019	219419 1788954	545273	955600	1276275	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Indeno[1,2,3-cd]pyrene	PRY	Qua	62511 1132070	107324 +++++	242117	363998	680405	2.00 60.0	4.00 +++++	10.0	20.0	40.0
Dibenz(a,h)anthracene	PRY	Qua	53585 1148222	97986 +++++	227831	360340	683053	2.00 60.0	4.00 +++++	10.0	20.0	40.0
Benzo[g,h,i]perylene	PRY	Qua	58599 1176831	102539 +++++	220052	347367	708641	2.00 60.0	4.00 +++++	10.0	20.0	40.0
2-Fluorophenol	DCB	Ave	43240 1292116	83133 1758052	219082	425997	841262	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Phenol-d5	DCB	Ave	59901 1786376	112802 2400755	303001	591184	1147510	2.00 60.0	4.00 80.0	10.0	20.0	40.0
Nitrobenzene-d5	NPT	Ave	51415 1539960	98307 2106962	254513	506568	988869	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2-Fluorobiphenyl	ANT	Ave	129344 3962221	241393 5356329	649023	1280800	2586305	2.00 60.0	4.00 80.0	10.0	20.0	40.0
2,4,6-Tribromophenol	ANT	Ave	50486 644943	96243 876816	270358	317645	426681	5.00 60.0	10.0 80.0	20.0	30.0	40.0
Terphenyl-d14	CRY	Ave	140041 4698090	263855 +++++	736552	1543164	3128676	2.00 60.0	4.00 +++++	10.0	20.0	40.0

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Qua = Quadratic ISTD

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\A16081.D
Lab Smp Id: ICIS-612031 Client Smp ID: ICIS-612031
Inj Date : 13-MAY-2011 06:59
Operator : S.Jonas Inst ID: msa.i
Smp Info : ICIS-612031
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\MSA-8270C.m
Meth Date : 16-May-2011 06:49 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 06:59 Cal File: A16081.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.757	4.757	(1.000)	412090	20.0000	
$ 2	2-Fluorophenol	112	3.309	3.309	(0.696)	841262	40.0000	40
$ 3	Phenol-d5	99	4.442	4.442	(0.934)	1147510	40.0000	40
4	Pyridine	52	1.534	1.534	(0.323)	105540	40.0000	40
5	N-Nitrosodimethylamine	42	1.522	1.522	(0.320)	69380	40.0000	40
6	Cyclohexanone	42	3.528	3.528	(0.742)	319679	40.0000	40
128	Benzaldehyde	77	4.270	4.270	(0.898)	182076	40.0000	40
7	Phenol	94	4.454	4.454	(0.936)	1159518	40.0000	40
8	Aniline	93	4.413	4.413	(0.928)	1389280	40.0000	40
9	bis(2-Chloroethyl)ether	63	4.513	4.513	(0.949)	646687	40.0000	40
10	2-Chlorophenol	128	4.537	4.537	(0.954)	1123564	40.0000	40
11	1,3-Dichlorobenzene	146	4.692	4.692	(0.986)	1251962	40.0000	40
12	1,4-Dichlorobenzene	146	4.775	4.775	(1.004)	1290490	40.0000	40
13	Benzyl alcohol	108	4.947	4.947	(1.040)	688555	40.0000	40
14	1,2-Dichlorobenzene	146	4.935	4.935	(1.037)	1251397	40.0000	40
15	2,2'-oxybis(1-Chloropropane)	45	5.095	5.095	(1.071)	1158338	40.0000	40
16	2-Methylphenol	108	5.095	5.095	(1.071)	970671	40.0000	40
92	Acetophenone	105	5.220	5.220	(1.097)	1404111	40.0000	40
17	Hexachloroethane	117	5.297	5.297	(1.114)	560126	40.0000	40
18	N-Nitroso-di-n-propylamine	70	5.244	5.244	(1.102)	638759	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.261	5.261	(1.106)	1043909	40.0000	40
*	20 Naphthalene-d8	136	6.122	6.122	(1.000)	1824343	20.0000	
$	21 Nitrobenzene-d5	82	5.362	5.362	(0.876)	988869	40.0000	40
	22 Nitrobenzene	77	5.386	5.386	(0.880)	960542	40.0000	40
	23 Isophorone	82	5.653	5.653	(0.923)	1865968	40.0000	40
	24 2-Nitrophenol	139	5.724	5.724	(0.935)	698100	40.0000	40
	25 2,4-Dimethylphenol	122	5.819	5.819	(0.951)	1028673	40.0000	40
	26 Benzoic Acid	122	5.997	5.997	(0.980)	640117	40.0000	40(M)
	27 Bis(2-Chloroethoxy)methane	93	5.908	5.908	(0.965)	1358440	40.0000	40
	28 2,4-Dichlorophenol	162	5.997	5.997	(0.980)	1031358	40.0000	40
	29 1,2,4-Trichlorobenzene	180	6.069	6.069	(0.991)	1126101	40.0000	40
	30 Naphthalene	128	6.146	6.146	(1.004)	3548295	40.0000	40
	31 4-Chloroaniline	127	6.223	6.223	(1.016)	1539134	40.0000	40
	32 Hexachlorobutadiene	225	6.300	6.300	(1.029)	572590	40.0000	40
	129 Caprolactam	113	6.644	6.644	(1.085)	328277	40.0000	40(M)
	33 4-Chloro-3-methylphenol	107	6.775	6.775	(1.107)	988648	40.0000	40
	34 2-Methylnaphthalene	142	6.882	6.882	(1.124)	2443047	40.0000	40
*	35 Acenaphthene-d10	164	7.980	7.980	(1.000)	1159841	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.846	6.846	(1.439)	995697	40.0000	40
	37 Hexachlorocyclopentadiene	237	7.066	7.066	(0.885)	707558	40.0000	40
	38 2,4,6-Trichlorophenol	196	7.196	7.196	(0.902)	777593	40.0000	40
	39 2,4,5-Trichlorophenol	196	7.238	7.238	(0.907)	828086	40.0000	40
$	40 2-Fluorobiphenyl	172	7.285	7.285	(0.913)	2586305	40.0000	40
	130 1,1'-Biphenyl	154	7.386	7.386	(0.926)	3023859	40.0000	40
	41 2-Chloronaphthalene	162	7.398	7.398	(0.927)	2463217	40.0000	40
	42 2-Nitroaniline	65	7.517	7.517	(0.942)	549661	40.0000	40
	43 Acenaphthylene	152	7.825	7.825	(0.981)	4077464	40.0000	40
	44 Dimethylphthalate	163	7.730	7.730	(0.969)	2754504	40.0000	40
	45 2,6-Dinitrotoluene	165	7.784	7.784	(0.975)	643609	40.0000	40
	46 Acenaphthene	153	8.015	8.015	(1.004)	2559715	40.0000	40
	47 3-Nitroaniline	138	7.956	7.956	(0.997)	783912	40.0000	40
	48 2,4-Dinitrophenol	184	8.063	8.063	(1.010)	359478	40.0000	40
	49 Dibenzofuran	168	8.199	8.199	(1.028)	3551511	40.0000	40
	50 2,4-Dinitrotoluene	165	8.205	8.205	(1.028)	923949	40.0000	40
	51 4-Nitrophenol	109	8.164	8.164	(1.023)	294365	40.0000	40
	52 Fluorene	166	8.561	8.561	(1.073)	2922432	40.0000	40
	53 4-Chlorophenyl-phenylether	204	8.573	8.573	(1.074)	1332327	40.0000	40
	54 Diethylphthalate	149	8.478	8.478	(1.062)	2995233	40.0000	40
	55 4-Nitroaniline	138	8.615	8.615	(1.080)	776126	40.0000	40
$	56 2,4,6-Tribromophenol	330	8.817	8.817	(1.105)	426681	40.0000	40
*	57 Phenanthrene-d10	188	9.547	9.547	(1.000)	2005329	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.639	8.639	(0.905)	498477	40.0000	40
	59 N-Nitrosodiphenylamine (1)	169	8.704	8.704	(0.912)	1972945	40.0000	40
	60 1,2-Diphenylhydrazine	77	8.739	8.739	(0.915)	2634531	40.0000	40
	61 4-Bromophenyl-phenylether	248	9.084	9.084	(0.952)	768491	40.0000	40
	131 Atrazine	200	9.297	9.297	(0.974)	762496	40.0000	40
	62 Hexachlorobenzene	284	9.149	9.149	(0.958)	854428	40.0000	40
	63 Pentachlorophenol	266	9.363	9.363	(0.981)	541863	40.0000	40
	64 Phenanthrene	178	9.576	9.576	(1.003)	4195104	40.0000	40
	65 Carbazole	167	9.808	9.808	(1.027)	4066328	40.0000	40
	66 Anthracene	178	9.630	9.630	(1.009)	4288301	40.0000	40
	67 Di-n-butylphthalate	149	10.200	10.200	(1.068)	5674979	40.0000	40
	68 Fluoranthene	202	10.829	10.829	(1.134)	4529177	40.0000	40
*	70 Chrysene-d12	240	12.413	12.413	(1.000)	1877890	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.977	10.977	(0.884)	1294324	40.0000	40
72	Pyrene	202	11.066	11.066	(0.891)	4664405	40.0000	40
$ 73	Terphenyl-d14	244	11.244	11.244	(0.906)	3128676	40.0000	40
74	Butylbenzylphthalate	149	11.772	11.772	(0.948)	2394037	40.0000	40
124	3,3'-Dimethylbenzidine	212	11.749	11.749	(0.946)	887224	40.0000	40
75	3,3'-Dichlorobenzidine	252	12.378	12.378	(0.997)	1104396	40.0000	40
76	Benzo(a)anthracene	228	12.396	12.396	(0.999)	3945388	40.0000	40
77	Chrysene	228	12.449	12.449	(1.003)	3623811	40.0000	40
78	Bis(2-Ethylhexyl)phthalate	149	12.461	12.461	(1.004)	3186717	40.0000	40
* 79	Perylene-d12	264	14.532	14.532	(1.000)	665051	20.0000	
80	Di-n-octylphthalate	149	13.357	13.357	(0.919)	3218598	40.0000	40
81	Benzo(b)fluoranthene	252	13.909	13.909	(0.957)	1912170	40.0000	40
82	Benzo(k)fluoranthene	252	13.957	13.957	(0.960)	1927249	40.0000	40
83	Benzo(a)pyrene	252	14.437	14.437	(0.993)	1276275	40.0000	40
84	Indeno(1,2,3-cd)pyrene	276	16.497	16.497	(1.135)	680405	40.0000	40
85	Dibenzo(a,h)anthracene	278	16.550	16.550	(1.139)	683053	40.0000	40
86	Benzo(g,h,i)perylene	276	17.019	17.019	(1.171)	708641	40.0000	40
167	Simazine	201	9.274	9.274	(0.971)	461275	40.0000	40(M)
103	1,2,4,5-Tetrachlorobenzene	216	7.066	7.066	(0.885)	552988	40.0000	40
109	2,3,4,6-Tetrachlorophenol	232	8.342	8.342	(1.045)	631824	40.0000	40
119	Pentachloronitrobenzene	237	9.380	9.380	(0.983)	297773	40.0000	40

QC Flag Legend

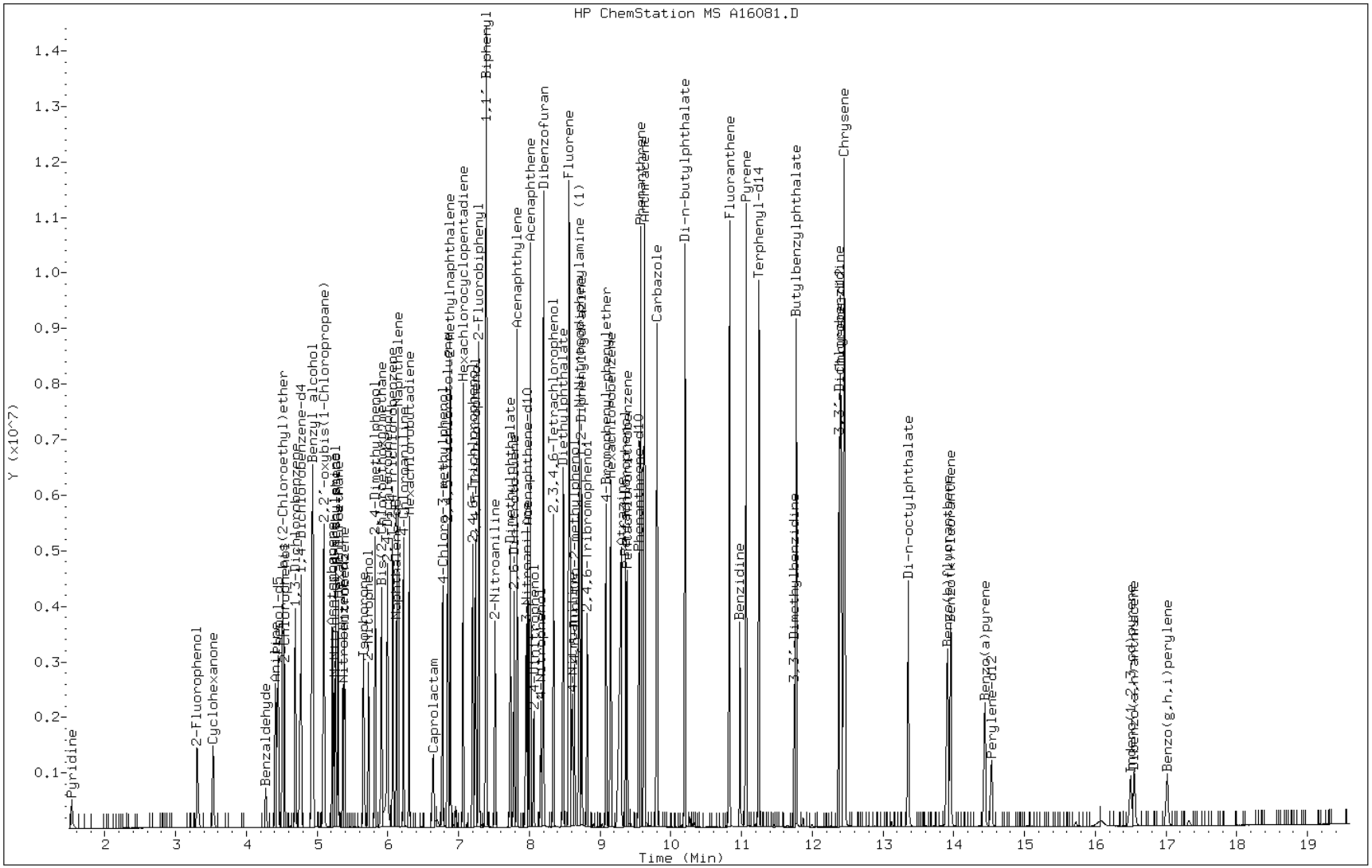
M - Compound response manually integrated.

Data File: A16081.D

Date: 13-MAY-2011 06:59

Client ID: ICIS-612031 Instrument: msa.i

Sample Info: ICIS-612031 Operator: S.Jonas



Manual Integration Report

Data File: A16081.D
Inj. Date and Time: 13-MAY-2011 06:59
Instrument ID: msa.i
Client ID: ICIS-612031
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/16/2011

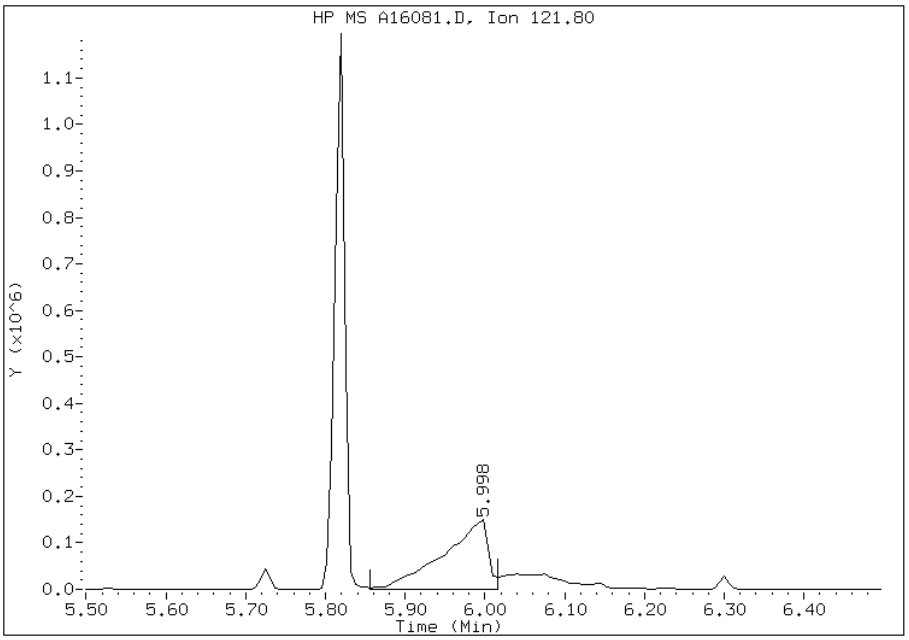
Processing Integration Results

RT: 6.00

Response: 580247

Amount: 40

Conc: 40



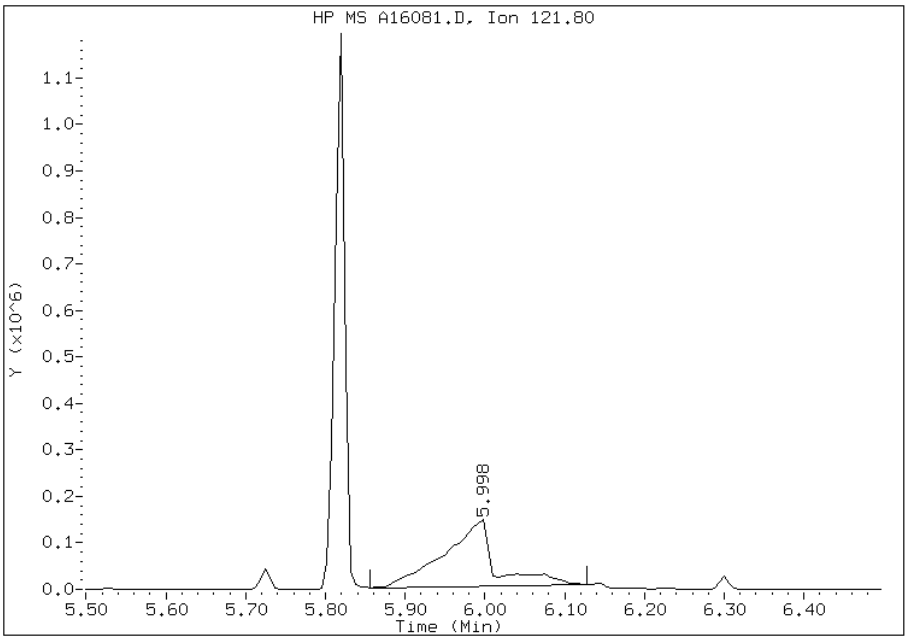
Manual Integration Results

RT: 6.00

Response: 640117

Amount: 40

Conc: 40



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: A16081.D
Inj. Date and Time: 13-MAY-2011 06:59
Instrument ID: msa.i
Client ID: ICIS-612031
Compound: 167 Simazine
CAS #: 122-34-9
Report Date: 05/16/2011

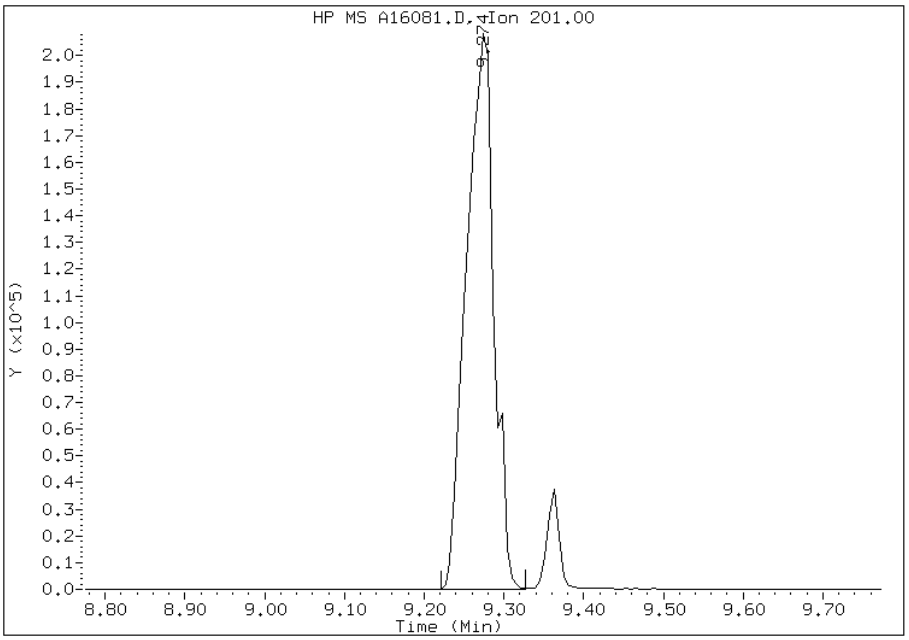
Processing Integration Results

RT: 9.27

Response: 492600

Amount: 40

Conc: 40



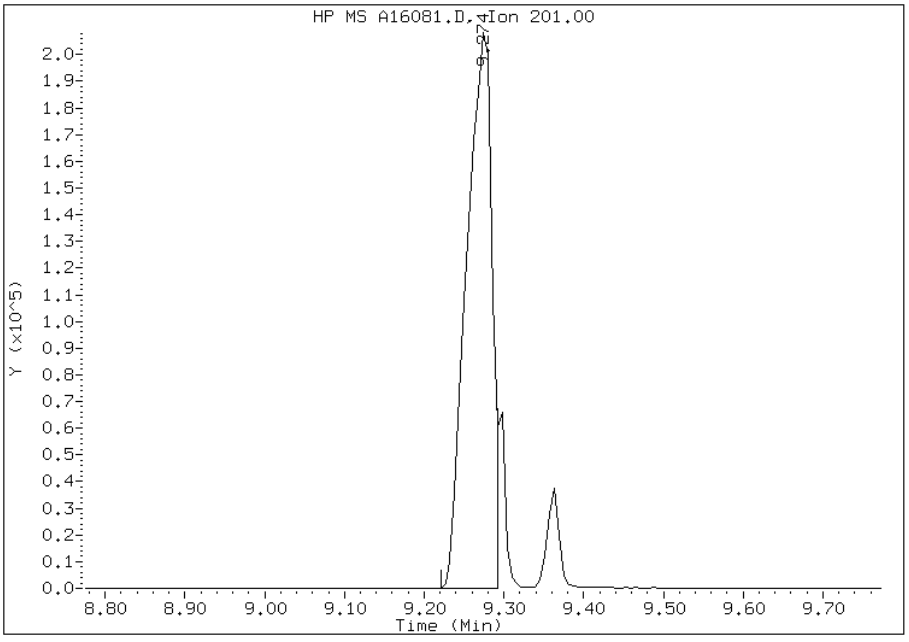
Manual Integration Results

RT: 9.27

Response: 461275

Amount: 40

Conc: 40



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: A16081.D
Inj. Date and Time: 13-MAY-2011 06:59
Instrument ID: msa.i
Client ID: ICIS-612031
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/16/2011

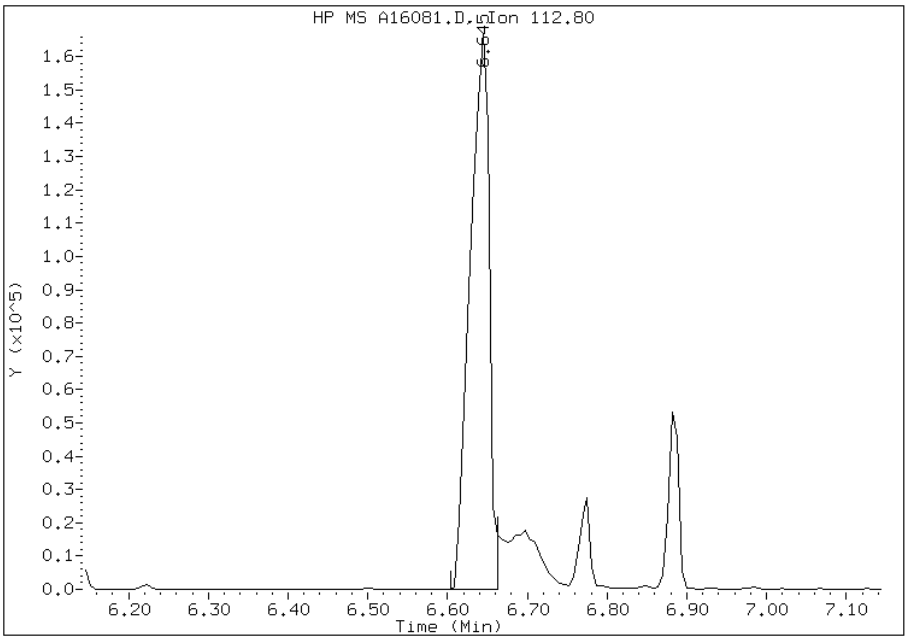
Processing Integration Results

RT: 6.64

Response: 278909

Amount: 40

Conc: 40



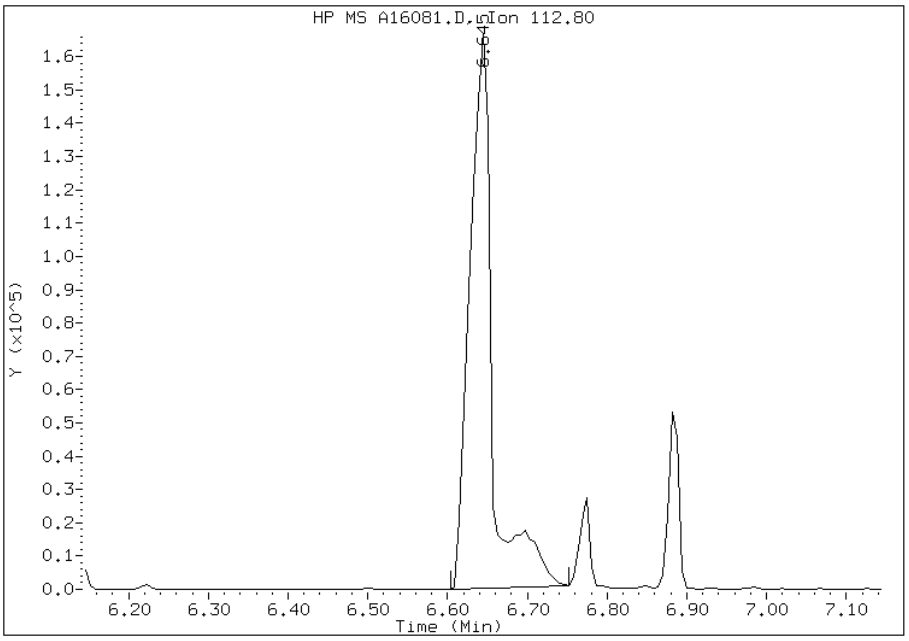
Manual Integration Results

RT: 6.64

Response: 328277

Amount: 40

Conc: 40



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\A16082.D
Lab Smp Id: IC-605839 Client Smp ID: IC-605839
Inj Date : 13-MAY-2011 07:26
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-605839
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\MSA-8270C.m
Meth Date : 16-May-2011 06:51 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 07:26 Cal File: A16082.D
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.757	4.757	(1.000)	442119	20.0000	
$ 2	2-Fluorophenol	112	3.308	3.308	(0.696)	43240	2.00000	2
$ 3	Phenol-d5	99	4.424	4.424	(0.930)	59901	2.00000	2
5	N-Nitrosodimethylamine	42	1.534	1.534	(0.323)	3628	2.00000	2
6	Cyclohexanone	42	3.534	3.534	(0.743)	18518	2.00000	2
128	Benzaldehyde	77	4.282	4.282	(0.900)	4622	2.00000	0.8
7	Phenol	94	4.436	4.436	(0.933)	62560	2.00000	2
8	Aniline	93	4.406	4.406	(0.926)	71960	2.00000	2
9	bis(2-Chloroethyl)ether	63	4.507	4.507	(0.948)	32896	2.00000	2
10	2-Chlorophenol	128	4.531	4.531	(0.953)	58990	2.00000	2
11	1,3-Dichlorobenzene	146	4.691	4.691	(0.986)	64390	2.00000	2
12	1,4-Dichlorobenzene	146	4.774	4.774	(1.004)	67175	2.00000	2
13	Benzyl alcohol	108	4.935	4.935	(1.037)	33170	2.00000	2
14	1,2-Dichlorobenzene	146	4.935	4.935	(1.037)	66218	2.00000	2
15	2,2'-oxybis(1-Chloropropane)	45	5.095	5.095	(1.071)	66633	2.00000	2
16	2-Methylphenol	108	5.083	5.083	(1.069)	50414	2.00000	2
92	Acetophenone	105	5.208	5.208	(1.095)	73600	2.00000	2
17	Hexachloroethane	117	5.297	5.297	(1.114)	28146	2.00000	2
18	N-Nitroso-di-n-propylamine	70	5.226	5.226	(1.099)	33428	2.00000	2
19	4-Methylphenol	108	5.249	5.249	(1.104)	53945	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
*	20 Naphthalene-d8	136	6.116	6.116	(1.000)	1976678	20.0000	
$	21 Nitrobenzene-d5	82	5.356	5.356	(0.876)	51415	2.00000	2
	22 Nitrobenzene	77	5.374	5.374	(0.879)	51375	2.00000	2
	23 Isophorone	82	5.641	5.641	(0.922)	98272	2.00000	2
	24 2-Nitrophenol	139	5.724	5.724	(0.936)	32932	2.00000	2
	25 2,4-Dimethylphenol	122	5.807	5.807	(0.950)	49633	2.00000	2
	27 Bis(2-Chloroethoxy)methane	93	5.902	5.902	(0.965)	72846	2.00000	2
	28 2,4-Dichlorophenol	162	5.985	5.985	(0.979)	49349	2.00000	2
	29 1,2,4-Trichlorobenzene	180	6.068	6.068	(0.992)	56682	2.00000	2
	30 Naphthalene	128	6.140	6.140	(1.004)	188110	2.00000	2
	31 4-Chloroaniline	127	6.217	6.217	(1.016)	71053	2.00000	2
	32 Hexachlorobutadiene	225	6.300	6.300	(1.030)	27669	2.00000	2
	129 Caprolactam	113	6.549	6.549	(1.071)	14557	2.00000	2
	33 4-Chloro-3-methylphenol	107	6.757	6.757	(1.105)	49323	2.00000	2
	34 2-Methylnaphthalene	142	6.876	6.876	(1.124)	124894	2.00000	2
*	35 Acenaphthene-d10	164	7.980	7.980	(1.000)	1260896	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.840	6.840	(1.438)	49189	2.00000	2
	37 Hexachlorocyclopentadiene	237	7.060	7.060	(0.885)	26714	2.00000	2
	38 2,4,6-Trichlorophenol	196	7.190	7.190	(0.901)	34829	2.00000	2
	39 2,4,5-Trichlorophenol	196	7.226	7.226	(0.906)	95860	5.00000	5
$	40 2-Fluorobiphenyl	172	7.279	7.279	(0.912)	129344	2.00000	2
	130 1,1'-Biphenyl	154	7.380	7.380	(0.925)	150931	2.00000	2
	41 2-Chloronaphthalene	162	7.386	7.386	(0.926)	122202	2.00000	2
	42 2-Nitroaniline	65	7.505	7.505	(0.940)	28707	2.00000	2
	43 Acenaphthylene	152	7.819	7.819	(0.980)	201017	2.00000	2
	44 Dimethylphthalate	163	7.718	7.718	(0.967)	131250	2.00000	2
	45 2,6-Dinitrotoluene	165	7.766	7.766	(0.973)	30527	2.00000	2
	46 Acenaphthene	153	8.009	8.009	(1.004)	128856	2.00000	2
	47 3-Nitroaniline	138	7.938	7.938	(0.995)	35255	2.00000	2
	48 2,4-Dinitrophenol	184	8.051	8.051	(1.009)	17111	5.00000	8
	49 Dibenzofuran	168	8.193	8.193	(1.027)	177045	2.00000	2
	50 2,4-Dinitrotoluene	165	8.193	8.193	(1.027)	41706	2.00000	2
	51 4-Nitrophenol	109	8.146	8.146	(1.021)	30294	5.00000	4
	52 Fluorene	166	8.555	8.555	(1.072)	138664	2.00000	2
	53 4-Chlorophenyl-phenylether	204	8.567	8.567	(1.074)	62961	2.00000	2
	54 Diethylphthalate	149	8.466	8.466	(1.061)	143259	2.00000	2
	55 4-Nitroaniline	138	8.579	8.579	(1.075)	34931	2.00000	2
$	56 2,4,6-Tribromophenol	330	8.810	8.810	(1.104)	50486	5.00000	4
*	57 Phenanthrene-d10	188	9.540	9.540	(1.000)	2157672	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.615	8.615	(0.903)	39821	5.00000	3
	59 N-Nitrosodiphenylamine (1)	169	8.692	8.692	(0.911)	95685	2.00000	2
	60 1,2-Diphenylhydrazine	77	8.733	8.733	(0.915)	137165	2.00000	2
	61 4-Bromophenyl-phenylether	248	9.078	9.078	(0.951)	36119	2.00000	2
	131 Atrazine	200	9.273	9.273	(0.972)	31882	2.00000	2
	62 Hexachlorobenzene	284	9.143	9.143	(0.958)	40389	2.00000	2
	63 Pentachlorophenol	266	9.351	9.351	(0.980)	47894	5.00000	4
	64 Phenanthrene	178	9.564	9.564	(1.002)	203590	2.00000	2
	65 Carbazole	167	9.796	9.796	(1.027)	197184	2.00000	2
	66 Anthracene	178	9.618	9.618	(1.008)	209989	2.00000	2
	67 Di-n-butylphthalate	149	10.193	10.193	(1.068)	265263	2.00000	3
	68 Fluoranthene	202	10.817	10.817	(1.134)	215640	2.00000	2
*	70 Chrysene-d12	240	12.401	12.401	(1.000)	2167965	20.0000	
	72 Pyrene	202	11.054	11.054	(0.891)	217726	2.00000	2
$	73 Terphenyl-d14	244	11.238	11.238	(0.906)	140041	2.00000	2

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
74	Butylbenzylphthalate	149	11.766	11.766	(0.949)	104712	2.00000	2
75	3,3'-Dichlorobenzidine	252	12.366	12.366	(0.997)	54643	2.00000	2
76	Benzo(a)anthracene	228	12.384	12.384	(0.999)	202713	2.00000	2
77	Chrysene	228	12.431	12.431	(1.002)	186961	2.00000	2
78	Bis(2-Ethylhexyl)phthalate	149	12.455	12.455	(1.004)	130943	2.00000	2
* 79	Perylene-d12	264	14.544	14.544	(1.000)	1582472	20.0000	
80	Di-n-octylphthalate	149	13.351	13.351	(0.918)	128199	2.00000	5
81	Benzo(b)fluoranthene	252	13.897	13.897	(0.956)	145639	2.00000	2(H)
82	Benzo(k)fluoranthene	252	13.939	13.939	(0.958)	153808	2.00000	2
83	Benzo(a)pyrene	252	14.425	14.425	(0.992)	120894	2.00000	2
84	Indeno(1,2,3-cd)pyrene	276	16.491	16.491	(1.134)	62511	2.00000	5
85	Dibenzo(a,h)anthracene	278	16.544	16.544	(1.138)	53585	2.00000	5
86	Benzo(g,h,i)perylene	276	17.007	17.007	(1.169)	58599	2.00000	5
167	Simazine	201	9.232	9.232	(0.968)	19528	2.00000	2(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.060	7.060	(0.885)	25211	2.00000	2
109	2,3,4,6-Tetrachlorophenol	232	8.336	8.336	(1.045)	28684	2.00000	2
119	Pentachloronitrobenzene	237	9.368	9.368	(0.982)	14375	2.00000	2

QC Flag Legend

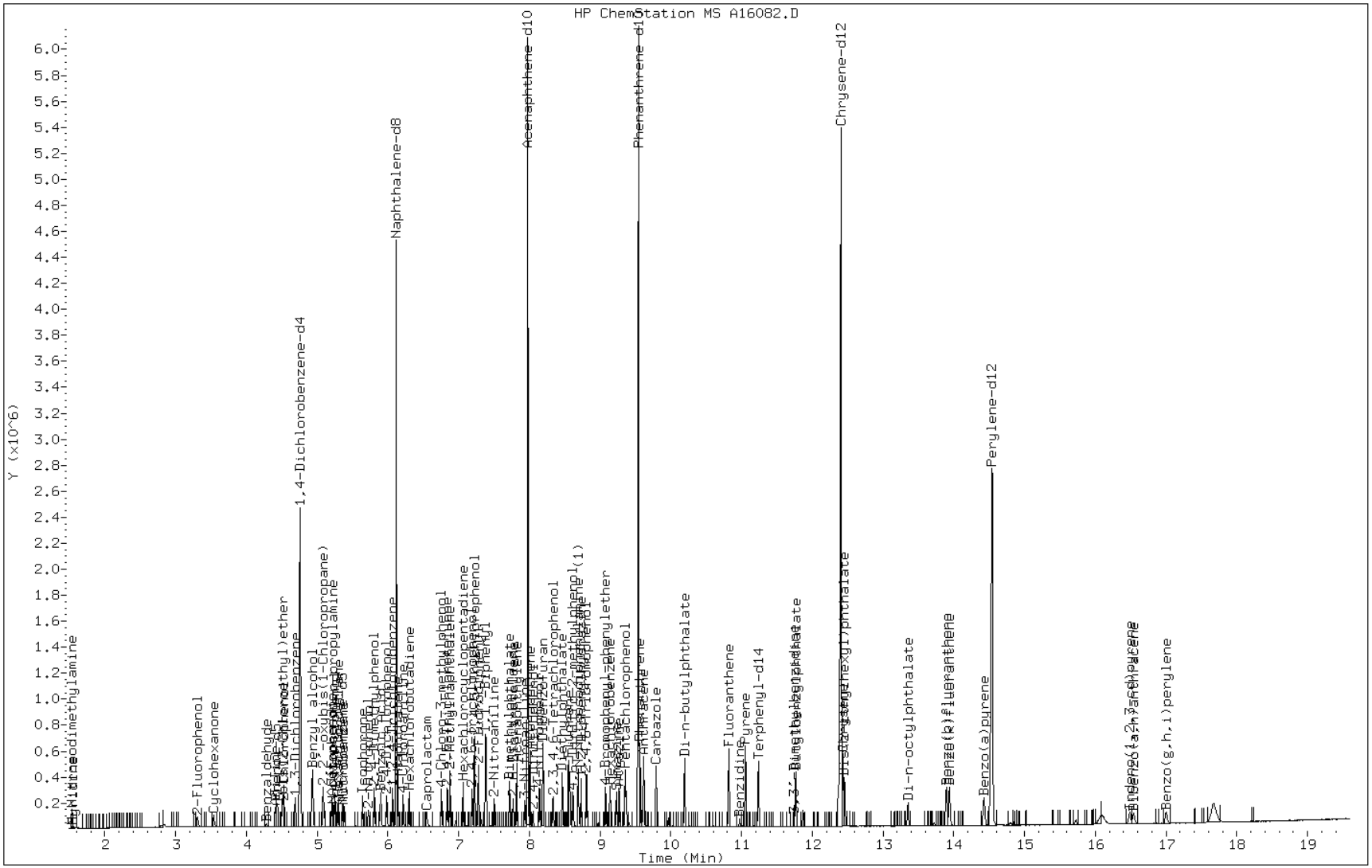
H - Operator selected an alternate compound hit.

Data File: A16082.D

Date: 13-MAY-2011 07:26

Client ID: IC-605839 Instrument: msa.i

Sample Info: IC-605839 Operator: S.Jonas



Manual Integration Report

Data File: A16082.D
Inj. Date and Time: 13-MAY-2011 07:26
Instrument ID: msa.i
Client ID: IC-605839
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/16/2011

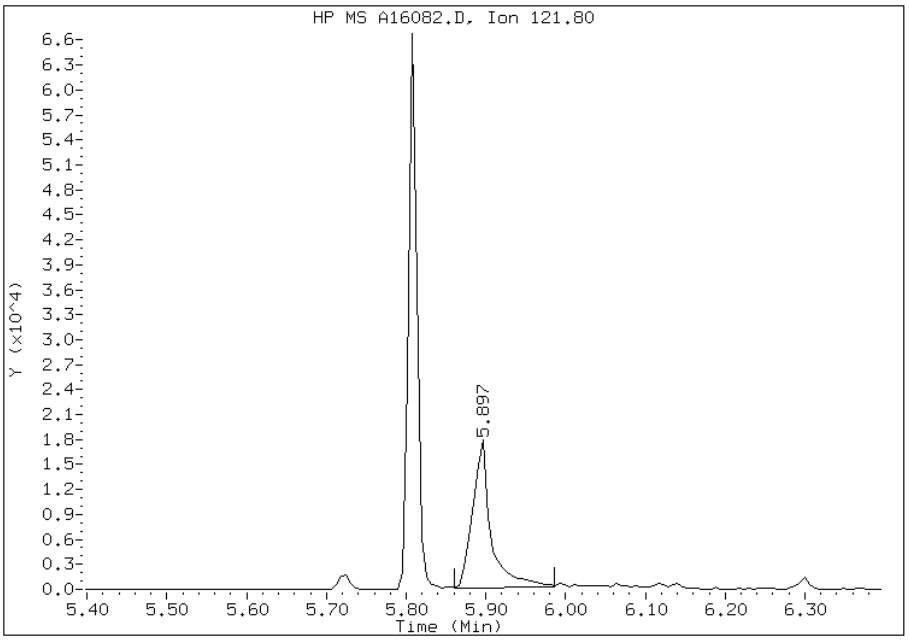
Processing Integration Results

RT: 5.90

Response: 28340

Amount: 2

Conc: 2



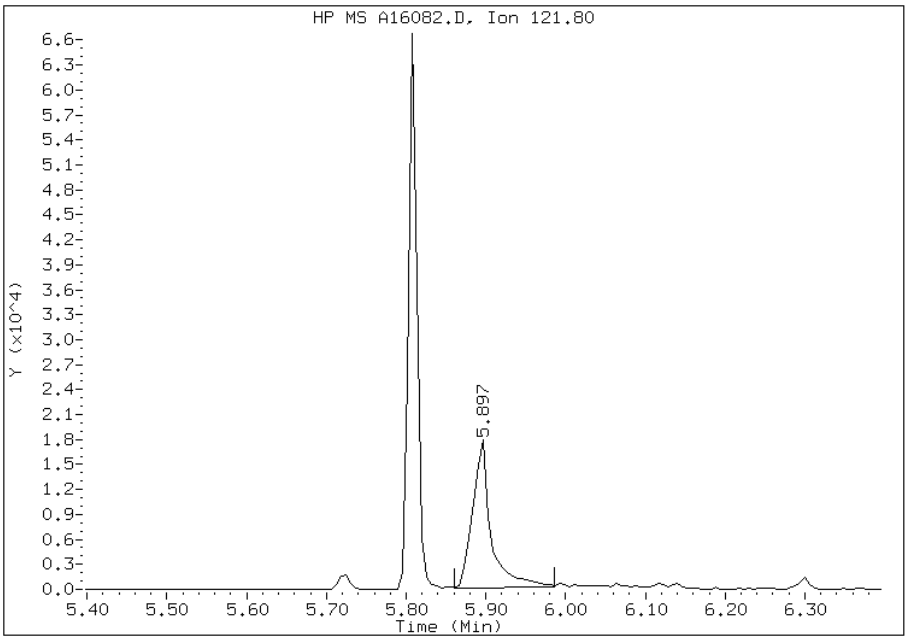
Manual Integration Results

RT: 5.90

Response: 28340

Amount: 1

Conc: 1



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: A16082.D
Inj. Date and Time: 13-MAY-2011 07:26
Instrument ID: msa.i
Client ID: IC-605839
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 05/16/2011

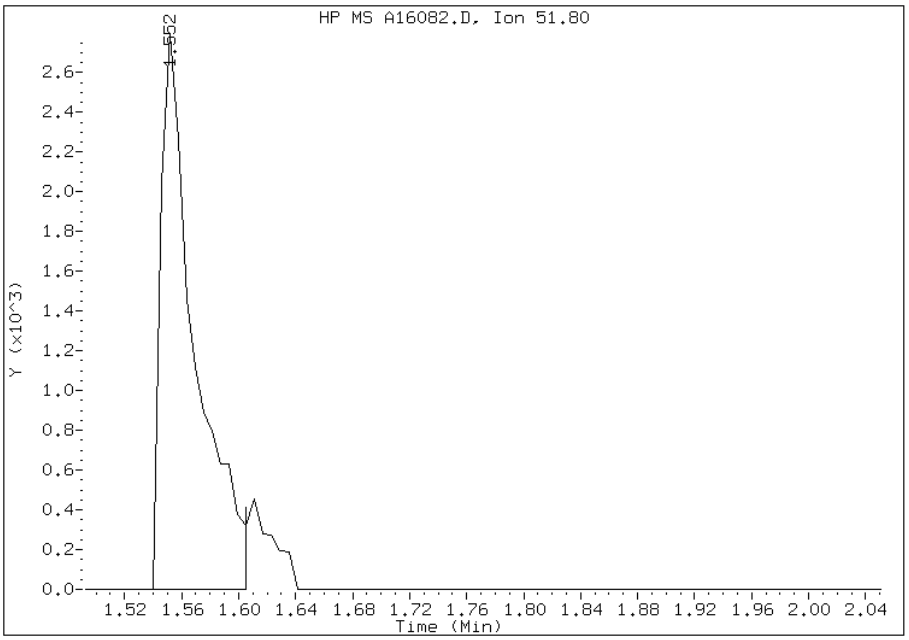
Processing Integration Results

RT: 1.55

Response: 4749

Amount: 2

Conc: 2



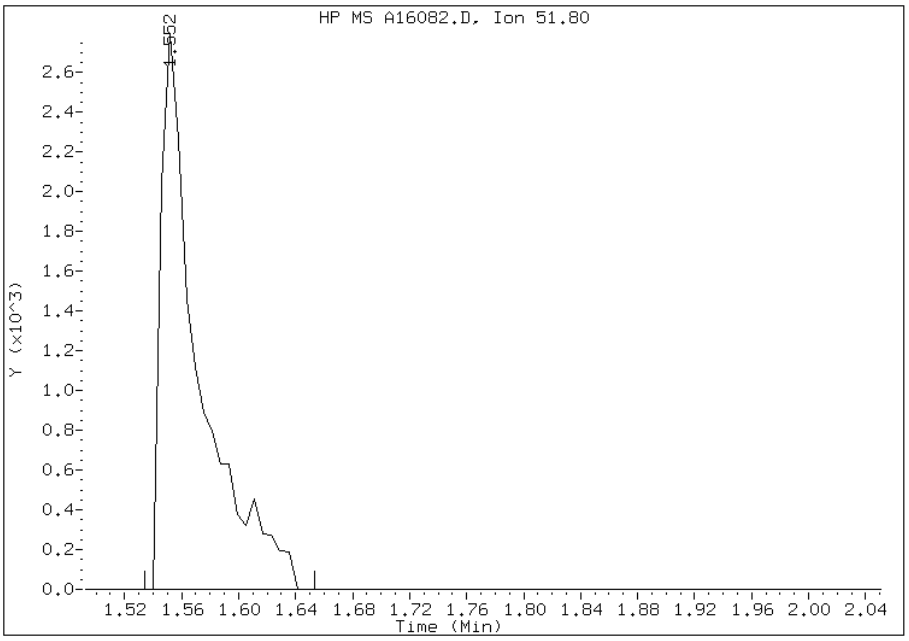
Manual Integration Results

RT: 1.55

Response: 5242

Amount: 2

Conc: 2



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\A16083.D
Lab Smp Id: IC-605840 Client Smp ID: IC-605840
Inj Date : 13-MAY-2011 07:54
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-605840
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\MSA-8270C.m
Meth Date : 16-May-2011 06:51 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 07:54 Cal File: A16083.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.757	4.757	(1.000)	418518	20.0000	
$ 2	2-Fluorophenol	112	3.308	3.308	(0.696)	83133	4.00000	4
$ 3	Phenol-d5	99	4.424	4.424	(0.930)	112802	4.00000	4
4	Pyridine	52	1.546	1.546	(0.325)	10404	4.00000	4(M)
5	N-Nitrosodimethylamine	42	1.534	1.534	(0.323)	7456	4.00000	4
6	Cyclohexanone	42	3.534	3.534	(0.743)	32595	4.00000	4
128	Benzaldehyde	77	4.276	4.276	(0.899)	19547	4.00000	4
7	Phenol	94	4.436	4.436	(0.933)	118785	4.00000	4
8	Aniline	93	4.406	4.406	(0.926)	139026	4.00000	4
9	bis(2-Chloroethyl)ether	63	4.501	4.501	(0.946)	64927	4.00000	4
10	2-Chlorophenol	128	4.531	4.531	(0.953)	110056	4.00000	4
11	1,3-Dichlorobenzene	146	4.691	4.691	(0.986)	121703	4.00000	4
12	1,4-Dichlorobenzene	146	4.774	4.774	(1.004)	125988	4.00000	4
13	Benzyl alcohol	108	4.935	4.935	(1.037)	65163	4.00000	4
14	1,2-Dichlorobenzene	146	4.935	4.935	(1.037)	124603	4.00000	4
15	2,2'-oxybis(1-Chloropropane)	45	5.089	5.089	(1.070)	124462	4.00000	4
16	2-Methylphenol	108	5.077	5.077	(1.067)	97398	4.00000	4
92	Acetophenone	105	5.202	5.202	(1.094)	139293	4.00000	4
17	Hexachloroethane	117	5.291	5.291	(1.112)	54186	4.00000	4
18	N-Nitroso-di-n-propylamine	70	5.226	5.226	(1.099)	60675	4.00000	4

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.249	5.249	(1.104)	100472	4.00000	4
*	20 Naphthalene-d8	136	6.116	6.116	(1.000)	1879197	20.0000	
$	21 Nitrobenzene-d5	82	5.356	5.356	(0.876)	98307	4.00000	4
	22 Nitrobenzene	77	5.374	5.374	(0.879)	95694	4.00000	4
	23 Isophorone	82	5.641	5.641	(0.922)	179689	4.00000	4
	24 2-Nitrophenol	139	5.718	5.718	(0.935)	64960	4.00000	4
	25 2,4-Dimethylphenol	122	5.807	5.807	(0.950)	94674	4.00000	4
	26 Benzoic Acid	122	5.920	5.920	(0.968)	86490	10.0000	4(M)
	27 Bis(2-Chloroethoxy)methane	93	5.896	5.896	(0.964)	130802	4.00000	4
	28 2,4-Dichlorophenol	162	5.979	5.979	(0.978)	92580	4.00000	4
	29 1,2,4-Trichlorobenzene	180	6.062	6.062	(0.991)	105651	4.00000	4
	30 Naphthalene	128	6.134	6.134	(1.003)	345820	4.00000	4
	31 4-Chloroaniline	127	6.211	6.211	(1.016)	148519	4.00000	4
	32 Hexachlorobutadiene	225	6.294	6.294	(1.029)	52488	4.00000	4
	129 Caprolactam	113	6.555	6.555	(1.072)	28839	4.00000	4
	33 4-Chloro-3-methylphenol	107	6.751	6.751	(1.104)	89984	4.00000	4
	34 2-Methylnaphthalene	142	6.876	6.876	(1.124)	230612	4.00000	4
*	35 Acenaphthene-d10	164	7.974	7.974	(1.000)	1191781	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.840	6.840	(1.438)	91287	4.00000	4
	37 Hexachlorocyclopentadiene	237	7.060	7.060	(0.885)	54465	4.00000	3
	38 2,4,6-Trichlorophenol	196	7.190	7.190	(0.902)	68437	4.00000	4
	39 2,4,5-Trichlorophenol	196	7.220	7.220	(0.905)	181576	10.0000	9
$	40 2-Fluorobiphenyl	172	7.279	7.279	(0.913)	241393	4.00000	4
	130 1,1'-Biphenyl	154	7.374	7.374	(0.925)	280351	4.00000	4
	41 2-Chloronaphthalene	162	7.386	7.386	(0.926)	233849	4.00000	4
	42 2-Nitroaniline	65	7.499	7.499	(0.940)	51617	4.00000	4
	43 Acenaphthylene	152	7.819	7.819	(0.981)	381844	4.00000	4
	44 Dimethylphthalate	163	7.718	7.718	(0.968)	249492	4.00000	4
	45 2,6-Dinitrotoluene	165	7.766	7.766	(0.974)	56566	4.00000	4
	46 Acenaphthene	153	8.003	8.003	(1.004)	236536	4.00000	4
	47 3-Nitroaniline	138	7.938	7.938	(0.996)	70459	4.00000	4
	48 2,4-Dinitrophenol	184	8.045	8.045	(1.009)	50492	10.0000	11
	49 Dibenzofuran	168	8.187	8.187	(1.027)	325885	4.00000	4
	50 2,4-Dinitrotoluene	165	8.187	8.187	(1.027)	78959	4.00000	4
	51 4-Nitrophenol	109	8.140	8.140	(1.021)	62617	10.0000	9
	52 Fluorene	166	8.549	8.549	(1.072)	261710	4.00000	4
	53 4-Chlorophenyl-phenylether	204	8.567	8.567	(1.074)	116687	4.00000	4
	54 Diethylphthalate	149	8.466	8.466	(1.062)	270718	4.00000	4
	55 4-Nitroaniline	138	8.579	8.579	(1.076)	67955	4.00000	4
$	56 2,4,6-Tribromophenol	330	8.805	8.805	(1.104)	96243	10.0000	9
*	57 Phenanthrene-d10	188	9.540	9.540	(1.000)	2078031	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.615	8.615	(0.903)	93679	10.0000	8
	59 N-Nitrosodiphenylamine (1)	169	8.692	8.692	(0.911)	177367	4.00000	4
	60 1,2-Diphenylhydrazine	77	8.727	8.727	(0.915)	254917	4.00000	4
	61 4-Bromophenyl-phenylether	248	9.078	9.078	(0.951)	66363	4.00000	4
	131 Atrazine	200	9.267	9.267	(0.971)	59430	4.00000	3
	62 Hexachlorobenzene	284	9.137	9.137	(0.958)	75159	4.00000	4
	63 Pentachlorophenol	266	9.351	9.351	(0.980)	100675	10.0000	8
	64 Phenanthrene	178	9.558	9.558	(1.002)	383052	4.00000	4
	65 Carbazole	167	9.790	9.790	(1.026)	363087	4.00000	4
	66 Anthracene	178	9.612	9.612	(1.007)	389723	4.00000	4
	67 Di-n-butylphthalate	149	10.187	10.187	(1.068)	500237	4.00000	4
	68 Fluoranthene	202	10.817	10.817	(1.134)	402841	4.00000	4
*	70 Chrysene-d12	240	12.401	12.401	(1.000)	2096495	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
72	Pyrene	202	11.048	11.048	(0.891)	419273	4.00000	3
$ 73	Terphenyl-d14	244	11.232	11.232	(0.906)	263855	4.00000	3
74	Butylbenzylphthalate	149	11.760	11.760	(0.948)	200057	4.00000	3
75	3,3'-Dichlorobenzidine	252	12.360	12.360	(0.997)	103597	4.00000	4
76	Benzo(a)anthracene	228	12.384	12.384	(0.999)	371400	4.00000	4
77	Chrysene	228	12.425	12.425	(1.002)	350955	4.00000	4
78	Bis(2-Ethylhexyl)phthalate	149	12.455	12.455	(1.004)	253901	4.00000	3
* 79	Perylene-d12	264	14.532	14.532	(1.000)	1479391	20.0000	
80	Di-n-octylphthalate	149	13.345	13.345	(0.918)	260389	4.00000	6
81	Benzo(b)fluoranthene	252	13.891	13.891	(0.956)	270212	4.00000	3(H)
82	Benzo(k)fluoranthene	252	13.933	13.933	(0.959)	294167	4.00000	3
83	Benzo(a)pyrene	252	14.419	14.419	(0.992)	219419	4.00000	3
84	Indeno(1,2,3-cd)pyrene	276	16.479	16.479	(1.134)	107324	4.00000	6
85	Dibenzo(a,h)anthracene	278	16.538	16.538	(1.138)	97986	4.00000	6
86	Benzo(g,h,i)perylene	276	16.995	16.995	(1.169)	102539	4.00000	6
167	Simazine	201	9.232	9.232	(0.968)	37702	4.00000	3(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.060	7.060	(0.885)	48213	5.00000	4
109	2,3,4,6-Tetrachlorophenol	232	8.330	8.330	(1.045)	53052	5.00000	4
119	Pentachloronitrobenzene	237	9.362	9.362	(0.981)	26811	5.00000	4

QC Flag Legend

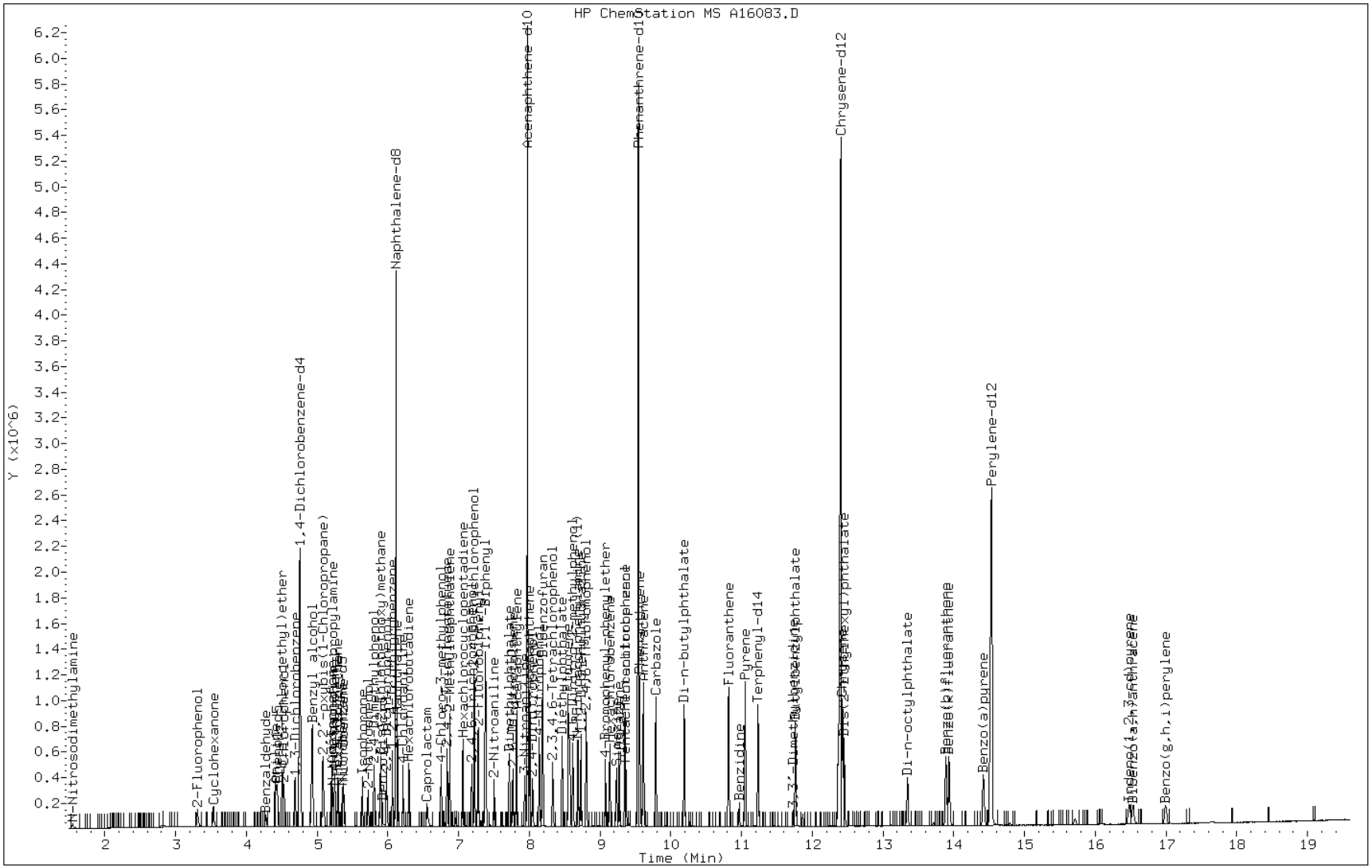
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: A16083.D

Date: 13-MAY-2011 07:54

Client ID: IC-605840 Instrument: msa.i

Sample Info: IC-605840 Operator: S.Jonas



Manual Integration Report

Data File: A16083.D
Inj. Date and Time: 13-MAY-2011 07:54
Instrument ID: msa.i
Client ID: IC-605840
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/16/2011

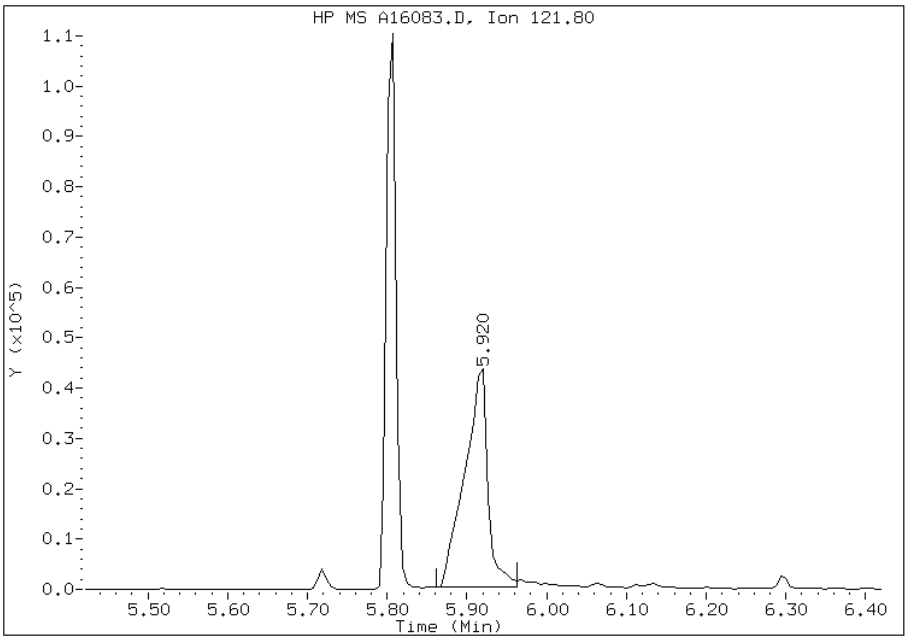
Processing Integration Results

RT: 5.92

Response: 86490

Amount: 7

Conc: 7



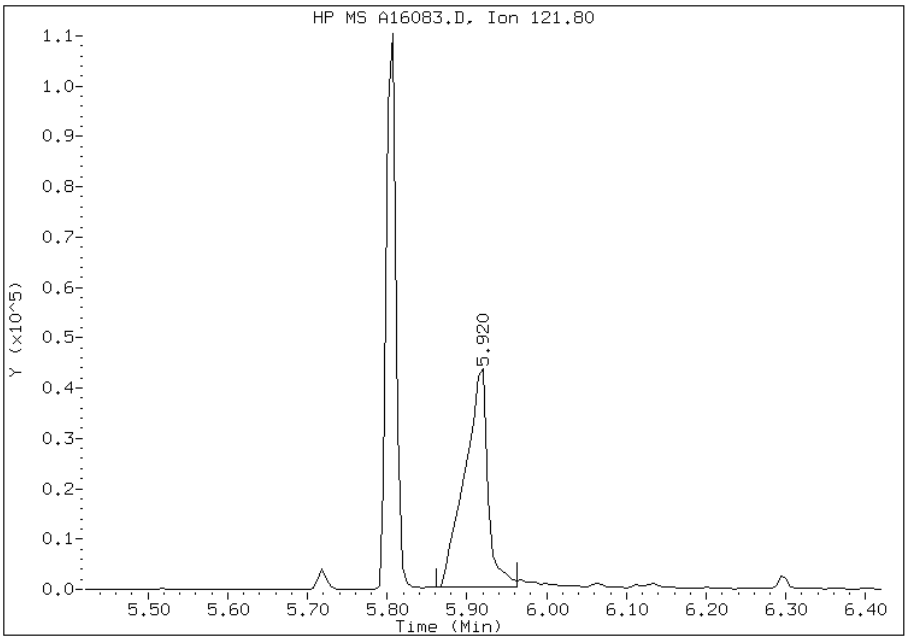
Manual Integration Results

RT: 5.92

Response: 86490

Amount: 4

Conc: 4



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: A16083.D
Inj. Date and Time: 13-MAY-2011 07:54
Instrument ID: msa.i
Client ID: IC-605840
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 05/16/2011

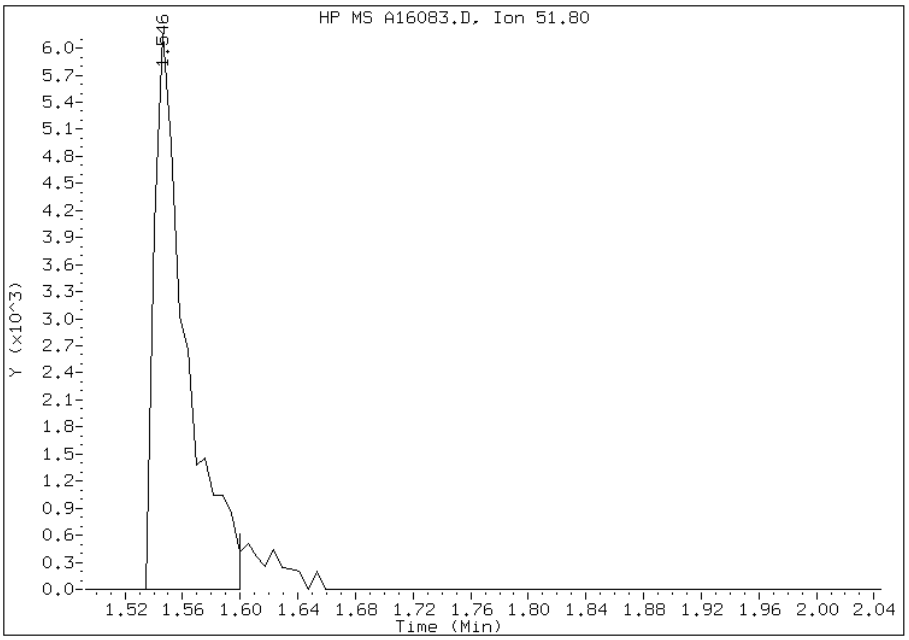
Processing Integration Results

RT: 1.55

Response: 9606

Amount: 4

Conc: 4



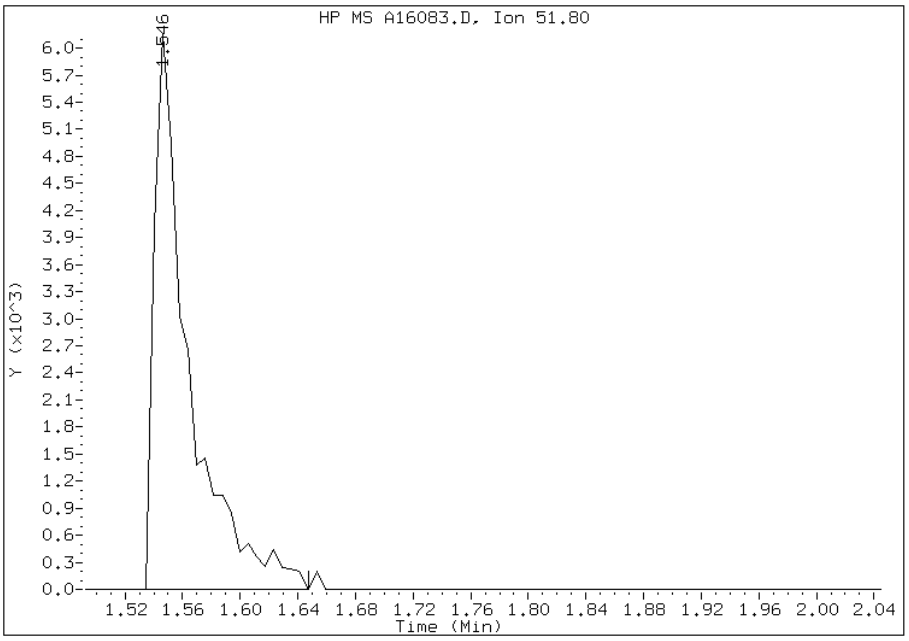
Manual Integration Results

RT: 1.55

Response: 10404

Amount: 4

Conc: 4



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\A16084.D
Lab Smp Id: IC-605841 Client Smp ID: IC-605841
Inj Date : 13-MAY-2011 08:22
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-605841
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\MSA-8270C.m
Meth Date : 16-May-2011 06:51 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 08:22 Cal File: A16084.D
Als bottle: 3 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.757	4.757	(1.000)	434523	20.0000	
$ 2	2-Fluorophenol	112	3.303	3.303	(0.694)	219082	10.0000	10
$ 3	Phenol-d5	99	4.430	4.430	(0.931)	303001	10.0000	10
4	Pyridine	52	1.534	1.534	(0.323)	27110	10.0000	10(M)
5	N-Nitrosodimethylamine	42	1.522	1.522	(0.320)	17551	10.0000	10
6	Cyclohexanone	42	3.528	3.528	(0.742)	87121	10.0000	11
128	Benzaldehyde	77	4.276	4.276	(0.899)	126797	10.0000	22
7	Phenol	94	4.442	4.442	(0.934)	319549	10.0000	10
8	Aniline	93	4.412	4.412	(0.928)	354900	10.0000	10
9	bis(2-Chloroethyl)ether	63	4.507	4.507	(0.948)	166235	10.0000	10
10	2-Chlorophenol	128	4.531	4.531	(0.953)	292013	10.0000	10
11	1,3-Dichlorobenzene	146	4.691	4.691	(0.986)	325345	10.0000	10
12	1,4-Dichlorobenzene	146	4.774	4.774	(1.004)	334002	10.0000	10
13	Benzyl alcohol	108	4.935	4.935	(1.037)	176948	10.0000	10
14	1,2-Dichlorobenzene	146	4.935	4.935	(1.037)	327540	10.0000	10
15	2,2'-oxybis(1-Chloropropane)	45	5.095	5.095	(1.071)	324065	10.0000	10
16	2-Methylphenol	108	5.089	5.089	(1.070)	253244	10.0000	10
92	Acetophenone	105	5.208	5.208	(1.095)	364747	10.0000	10
17	Hexachloroethane	117	5.297	5.297	(1.114)	145143	10.0000	10
18	N-Nitroso-di-n-propylamine	70	5.231	5.231	(1.100)	167538	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
19	4-Methylphenol	108	5.255	5.255	(1.105)	271549	10.0000	10
* 20	Naphthalene-d8	136	6.122	6.122	(1.000)	1923348	20.0000	
$ 21	Nitrobenzene-d5	82	5.356	5.356	(0.875)	254513	10.0000	10
22	Nitrobenzene	77	5.380	5.380	(0.879)	251940	10.0000	10
23	Isophorone	82	5.647	5.647	(0.922)	482143	10.0000	10
24	2-Nitrophenol	139	5.724	5.724	(0.935)	173138	10.0000	10
25	2,4-Dimethylphenol	122	5.813	5.813	(0.950)	254307	10.0000	10
26	Benzoic Acid	122	5.979	5.979	(0.977)	371565	10.0000	18(M)
27	Bis(2-Chloroethoxy)methane	93	5.902	5.902	(0.964)	349221	10.0000	10
28	2,4-Dichlorophenol	162	5.991	5.991	(0.979)	257387	10.0000	10
29	1,2,4-Trichlorobenzene	180	6.068	6.068	(0.991)	283523	10.0000	10
30	Naphthalene	128	6.140	6.140	(1.003)	909763	10.0000	10
31	4-Chloroaniline	127	6.217	6.217	(1.016)	398451	10.0000	10
32	Hexachlorobutadiene	225	6.300	6.300	(1.029)	143363	10.0000	10
129	Caprolactam	113	6.591	6.591	(1.077)	80893	10.0000	10
33	4-Chloro-3-methylphenol	107	6.763	6.763	(1.105)	249066	10.0000	10
34	2-Methylnaphthalene	142	6.881	6.881	(1.124)	624143	10.0000	10
* 35	Acenaphthene-d10	164	7.980	7.980	(1.000)	1244104	20.0000	
36	2,4,5-Trichlorotoluene	159	6.846	6.846	(1.439)	243435	10.0000	10
37	Hexachlorocyclopentadiene	237	7.065	7.065	(0.885)	164123	10.0000	10
38	2,4,6-Trichlorophenol	196	7.196	7.196	(0.902)	190713	10.0000	10
39	2,4,5-Trichlorophenol	196	7.232	7.232	(0.906)	499243	25.0000	24
$ 40	2-Fluorobiphenyl	172	7.285	7.285	(0.913)	649023	10.0000	10
130	1,1'-Biphenyl	154	7.380	7.380	(0.925)	771815	10.0000	10
41	2-Chloronaphthalene	162	7.392	7.392	(0.926)	621992	10.0000	10
42	2-Nitroaniline	65	7.511	7.511	(0.941)	144252	10.0000	10
43	Acenaphthylene	152	7.825	7.825	(0.981)	1034189	10.0000	10
44	Dimethylphthalate	163	7.724	7.724	(0.968)	678306	10.0000	10
45	2,6-Dinitrotoluene	165	7.778	7.778	(0.975)	156032	10.0000	10
46	Acenaphthene	153	8.015	8.015	(1.004)	645576	10.0000	10
47	3-Nitroaniline	138	7.944	7.944	(0.996)	190474	10.0000	10
48	2,4-Dinitrophenol	184	8.057	8.057	(1.010)	196733	25.0000	23
49	Dibenzofuran	168	8.193	8.193	(1.027)	891611	10.0000	10
50	2,4-Dinitrotoluene	165	8.193	8.193	(1.027)	222682	10.0000	10
51	4-Nitrophenol	109	8.152	8.152	(1.022)	179876	25.0000	24
52	Fluorene	166	8.555	8.555	(1.072)	719049	10.0000	10
53	4-Chlorophenyl-phenylether	204	8.573	8.573	(1.074)	321439	10.0000	10
54	Diethylphthalate	149	8.478	8.478	(1.062)	732817	10.0000	10
55	4-Nitroaniline	138	8.591	8.591	(1.077)	188059	10.0000	10
$ 56	2,4,6-Tribromophenol	330	8.816	8.816	(1.105)	270358	20.0000	24
* 57	Phenanthrene-d10	188	9.546	9.546	(1.000)	2148965	20.0000	
58	4,6-Dinitro-2-methylphenol	198	8.626	8.626	(0.904)	297899	25.0000	25
59	N-Nitrosodiphenylamine (1)	169	8.698	8.698	(0.911)	485579	10.0000	10
60	1,2-Diphenylhydrazine	77	8.739	8.739	(0.915)	695065	10.0000	10
61	4-Bromophenyl-phenylether	248	9.083	9.083	(0.952)	185215	10.0000	10
131	Atrazine	200	9.279	9.279	(0.972)	163508	10.0000	9
62	Hexachlorobenzene	284	9.143	9.143	(0.958)	205105	10.0000	10
63	Pentachlorophenol	266	9.357	9.357	(0.980)	318228	25.0000	24
64	Phenanthrene	178	9.570	9.570	(1.002)	1028116	10.0000	10
65	Carbazole	167	9.796	9.796	(1.026)	1001924	10.0000	10
66	Anthracene	178	9.624	9.624	(1.008)	1051014	10.0000	10
67	Di-n-butylphthalate	149	10.199	10.199	(1.068)	1394053	10.0000	9
68	Fluoranthene	202	10.823	10.823	(1.134)	1116452	10.0000	10
* 70	Chrysene-d12	240	12.407	12.407	(1.000)	2148209	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.977	10.977	(0.885)	325784	10.0000	13
72	Pyrene	202	11.060	11.060	(0.891)	1139575	10.0000	9
$ 73	Terphenyl-d14	244	11.244	11.244	(0.906)	736552	10.0000	9
74	Butylbenzylphthalate	149	11.766	11.766	(0.948)	580734	10.0000	9
124	3,3'-Dimethylbenzidine	212	11.743	11.743	(0.946)	260781	10.0000	14
75	3,3'-Dichlorobenzidine	252	12.372	12.372	(0.997)	304983	10.0000	11
76	Benzo(a)anthracene	228	12.389	12.389	(0.999)	1003470	10.0000	9
77	Chrysene	228	12.437	12.437	(1.002)	959293	10.0000	10
78	Bis(2-Ethylhexyl)phthalate	149	12.461	12.461	(1.004)	738108	10.0000	9
* 79	Perylene-d12	264	14.538	14.538	(1.000)	1337233	20.0000	
80	Di-n-octylphthalate	149	13.357	13.357	(0.919)	805361	10.0000	9
81	Benzo(b)fluoranthene	252	13.903	13.903	(0.956)	713338	10.0000	9(H)
82	Benzo(k)fluoranthene	252	13.950	13.950	(0.960)	729272	10.0000	9
83	Benzo(a)pyrene	252	14.431	14.431	(0.993)	545273	10.0000	9
84	Indeno(1,2,3-cd)pyrene	276	16.497	16.497	(1.135)	242117	10.0000	10
85	Dibenzo(a,h)anthracene	278	16.550	16.550	(1.138)	227831	10.0000	10
86	Benzo(g,h,i)perylene	276	17.013	17.013	(1.170)	220052	10.0000	10
167	Simazine	201	9.250	9.250	(0.969)	101952	10.0000	9(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.065	7.065	(0.885)	131781	10.0000	10
109	2,3,4,6-Tetrachlorophenol	232	8.336	8.336	(1.045)	155807	10.0000	10
119	Pentachloronitrobenzene	237	9.374	9.374	(0.982)	76685	10.0000	10

QC Flag Legend

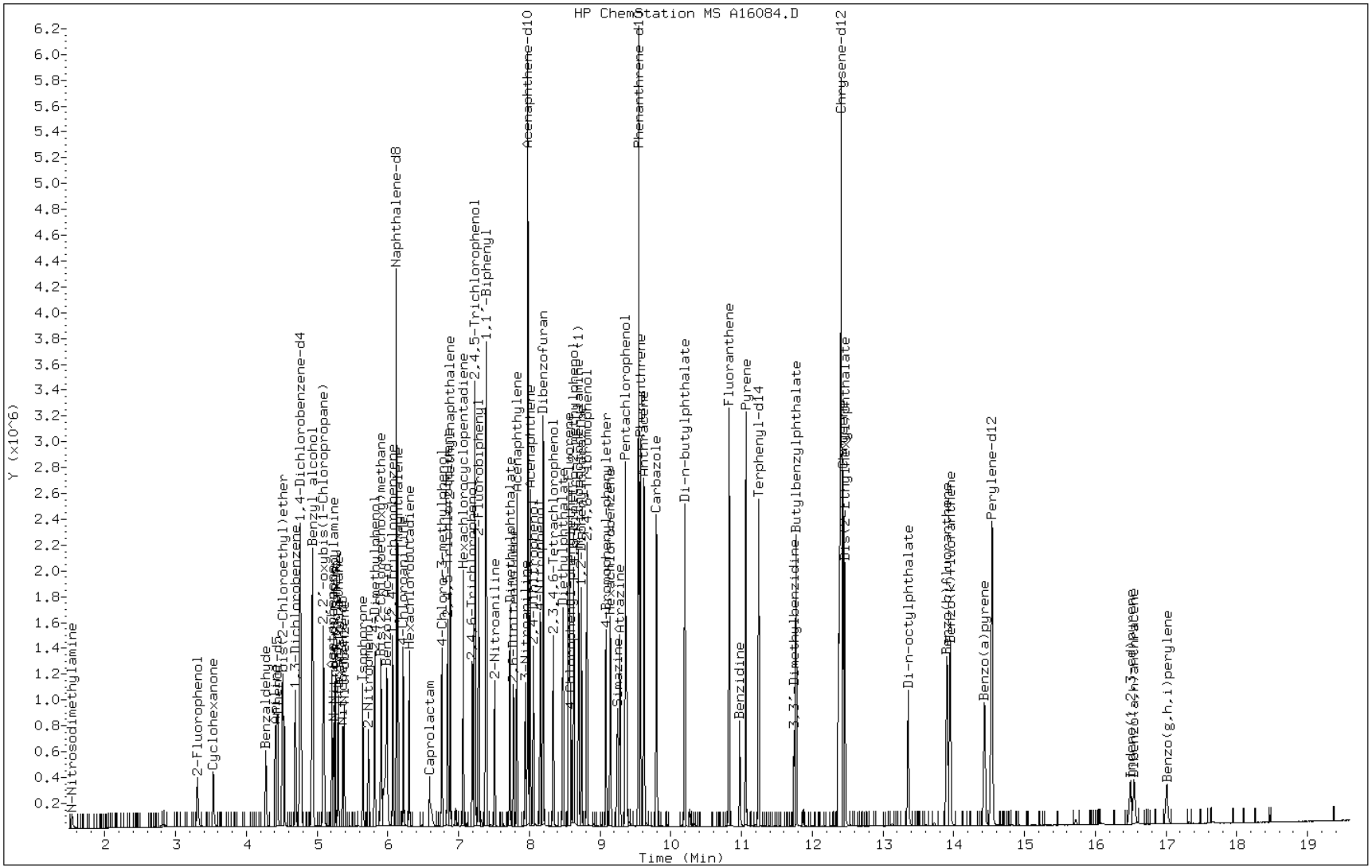
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: A16084.D

Date: 13-MAY-2011 08:22

Client ID: IC-605841 Instrument: msa.i

Sample Info: IC-605841 Operator: S.Jonas



Manual Integration Report

Data File: A16084.D
Inj. Date and Time: 13-MAY-2011 08:22
Instrument ID: msa.i
Client ID: IC-605841
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/16/2011

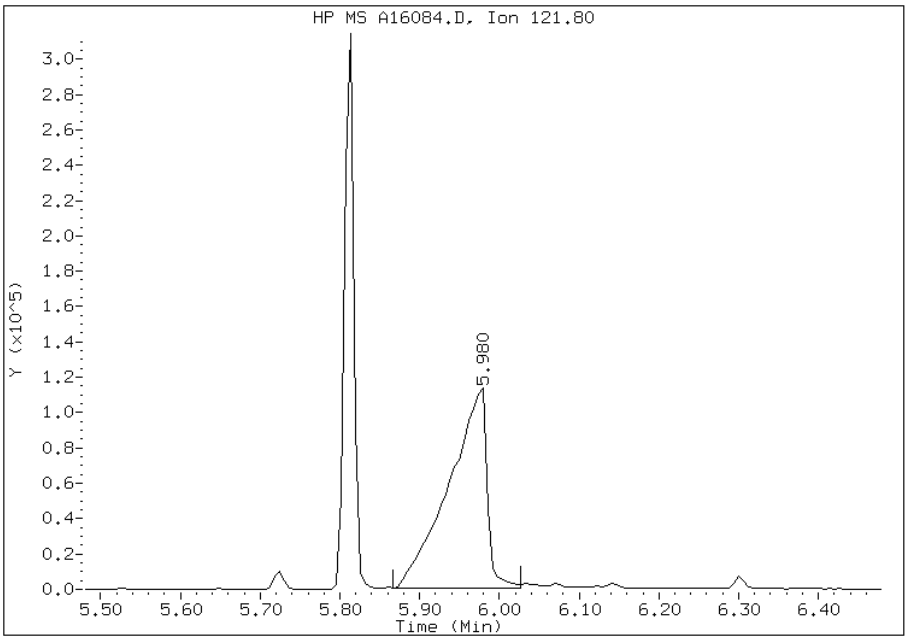
Processing Integration Results

RT: 5.98

Response: 371565

Amount: 19

Conc: 19



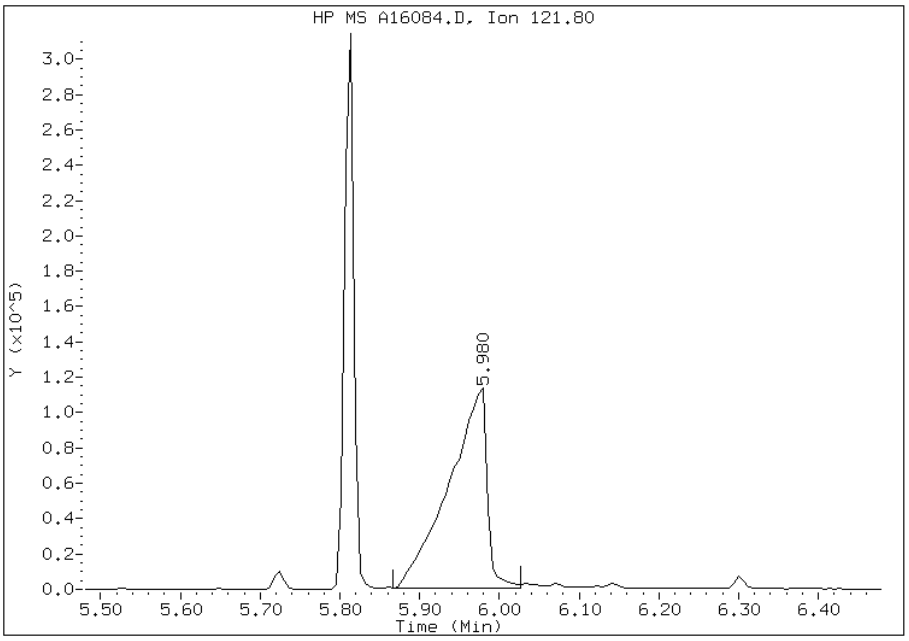
Manual Integration Results

RT: 5.98

Response: 371565

Amount: 18

Conc: 18



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: A16084.D
Inj. Date and Time: 13-MAY-2011 08:22
Instrument ID: msa.i
Client ID: IC-605841
Compound: 4 Pyridine
CAS #: 110-86-1
Report Date: 05/16/2011

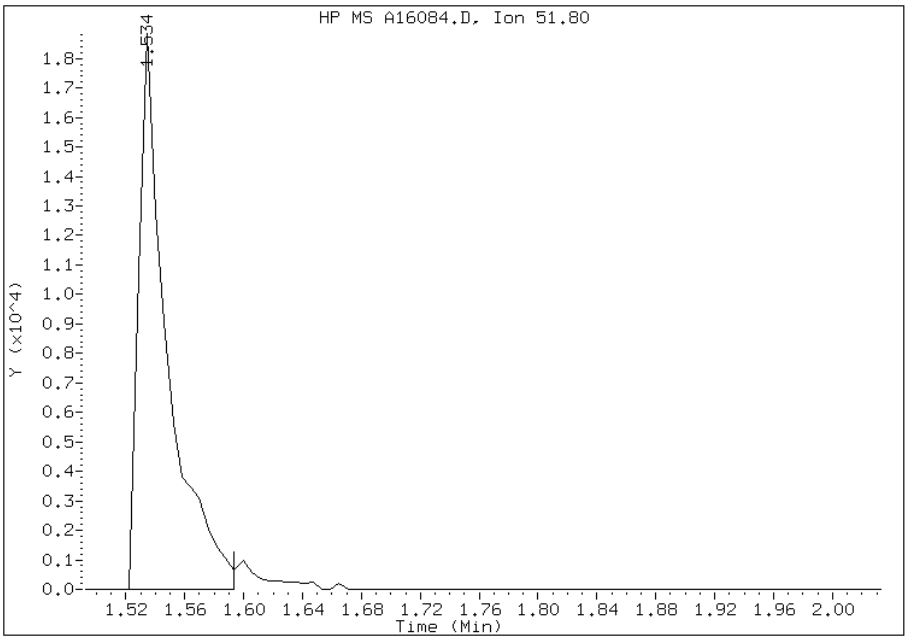
Processing Integration Results

RT: 1.53

Response: 25879

Amount: 10

Conc: 10



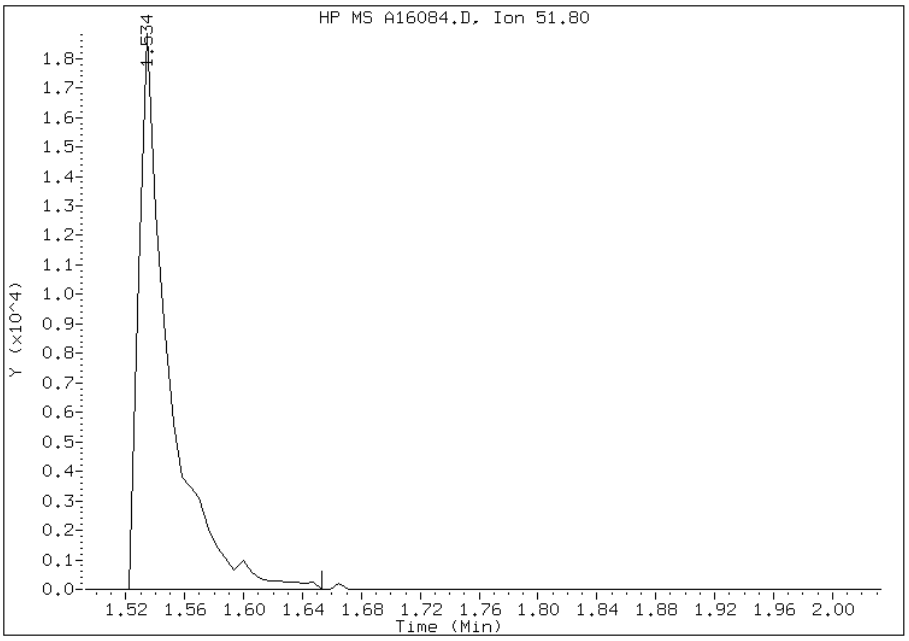
Manual Integration Results

RT: 1.53

Response: 27110

Amount: 10

Conc: 10



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\A16085.D
Lab Smp Id: IC-605842 Client Smp ID: IC-605842
Inj Date : 13-MAY-2011 08:49
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-605842
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\MSA-8270C.m
Meth Date : 16-May-2011 06:51 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 08:49 Cal File: A16085.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.757	4.757	(1.000)	417089	20.0000	
$ 2	2-Fluorophenol	112	3.303	3.303	(0.694)	425997	20.0000	20
$ 3	Phenol-d5	99	4.430	4.430	(0.931)	591184	20.0000	20
4	Pyridine	52	1.534	1.534	(0.323)	54117	20.0000	20
5	N-Nitrosodimethylamine	42	1.522	1.522	(0.320)	35103	20.0000	20
6	Cyclohexanone	42	3.528	3.528	(0.742)	152176	20.0000	20
128	Benzaldehyde	77	4.270	4.270	(0.898)	185070	20.0000	33
7	Phenol	94	4.442	4.442	(0.934)	599132	20.0000	20
8	Aniline	93	4.407	4.407	(0.926)	682770	20.0000	20
9	bis(2-Chloroethyl)ether	63	4.508	4.508	(0.948)	328865	20.0000	20
10	2-Chlorophenol	128	4.531	4.531	(0.953)	564867	20.0000	20
11	1,3-Dichlorobenzene	146	4.692	4.692	(0.986)	633173	20.0000	20
12	1,4-Dichlorobenzene	146	4.775	4.775	(1.004)	652907	20.0000	20
13	Benzyl alcohol	108	4.935	4.935	(1.037)	344234	20.0000	20
14	1,2-Dichlorobenzene	146	4.935	4.935	(1.037)	635386	20.0000	20
15	2,2'-oxybis(1-Chloropropane)	45	5.095	5.095	(1.071)	614637	20.0000	21
16	2-Methylphenol	108	5.089	5.089	(1.070)	491582	20.0000	20
92	Acetophenone	105	5.208	5.208	(1.095)	718185	20.0000	20
17	Hexachloroethane	117	5.291	5.291	(1.112)	284196	20.0000	20
18	N-Nitroso-di-n-propylamine	70	5.232	5.232	(1.100)	327319	20.0000	20

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.255	5.255	(1.105)	527045	20.0000	20
*	20 Naphthalene-d8	136	6.116	6.116	(1.000)	1864765	20.0000	
$	21 Nitrobenzene-d5	82	5.356	5.356	(0.876)	506568	20.0000	20
	22 Nitrobenzene	77	5.380	5.380	(0.880)	490828	20.0000	20
	23 Isophorone	82	5.641	5.641	(0.922)	950700	20.0000	20
	24 2-Nitrophenol	139	5.718	5.718	(0.935)	343717	20.0000	20
	25 2,4-Dimethylphenol	122	5.807	5.807	(0.950)	504895	20.0000	20
	26 Benzoic Acid	122	5.985	5.985	(0.979)	454686	20.0000	23(M)
	27 Bis(2-Chloroethoxy)methane	93	5.902	5.902	(0.965)	683643	20.0000	20
	28 2,4-Dichlorophenol	162	5.985	5.985	(0.979)	509347	20.0000	20
	29 1,2,4-Trichlorobenzene	180	6.069	6.069	(0.992)	559134	20.0000	20
	30 Naphthalene	128	6.140	6.140	(1.004)	1785696	20.0000	20
	31 4-Chloroaniline	127	6.217	6.217	(1.016)	765290	20.0000	20
	32 Hexachlorobutadiene	225	6.300	6.300	(1.030)	278644	20.0000	20
	129 Caprolactam	113	6.609	6.609	(1.081)	161840	20.0000	21(M)
	33 4-Chloro-3-methylphenol	107	6.763	6.763	(1.106)	492192	20.0000	20
	34 2-Methylnaphthalene	142	6.876	6.876	(1.124)	1220340	20.0000	20
*	35 Acenaphthene-d10	164	7.974	7.974	(1.000)	1207108	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.840	6.840	(1.438)	486790	20.0000	20
	37 Hexachlorocyclopentadiene	237	7.060	7.060	(0.885)	337075	20.0000	21
	38 2,4,6-Trichlorophenol	196	7.190	7.190	(0.902)	378269	20.0000	20
	39 2,4,5-Trichlorophenol	196	7.232	7.232	(0.907)	590523	30.0000	29
$	40 2-Fluorobiphenyl	172	7.279	7.279	(0.913)	1280800	20.0000	20
	130 1,1'-Biphenyl	154	7.380	7.380	(0.926)	1531103	20.0000	21
	41 2-Chloronaphthalene	162	7.386	7.386	(0.926)	1243002	20.0000	20
	42 2-Nitroaniline	65	7.511	7.511	(0.942)	285610	20.0000	20
	43 Acenaphthylene	152	7.819	7.819	(0.981)	2025368	20.0000	20
	44 Dimethylphthalate	163	7.724	7.724	(0.969)	1342395	20.0000	20
	45 2,6-Dinitrotoluene	165	7.772	7.772	(0.975)	318000	20.0000	20
	46 Acenaphthene	153	8.009	8.009	(1.004)	1270340	20.0000	20
	47 3-Nitroaniline	138	7.944	7.944	(0.996)	391274	20.0000	20
	48 2,4-Dinitrophenol	184	8.051	8.051	(1.010)	251524	30.0000	28
	49 Dibenzofuran	168	8.193	8.193	(1.028)	1789081	20.0000	20
	50 2,4-Dinitrotoluene	165	8.193	8.193	(1.028)	453258	20.0000	20
	51 4-Nitrophenol	109	8.152	8.152	(1.022)	214579	30.0000	30
	52 Fluorene	166	8.555	8.555	(1.073)	1453898	20.0000	20
	53 4-Chlorophenyl-phenylether	204	8.567	8.567	(1.074)	652215	20.0000	20
	54 Diethylphthalate	149	8.472	8.472	(1.063)	1468353	20.0000	20
	55 4-Nitroaniline	138	8.597	8.597	(1.078)	380637	20.0000	20
$	56 2,4,6-Tribromophenol	330	8.811	8.811	(1.105)	317645	30.0000	29
*	57 Phenanthrene-d10	188	9.541	9.541	(1.000)	2092879	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.627	8.627	(0.904)	358913	30.0000	31
	59 N-Nitrosodiphenylamine (1)	169	8.698	8.698	(0.912)	970885	20.0000	20
	60 1,2-Diphenylhydrazine	77	8.733	8.733	(0.915)	1367556	20.0000	20
	61 4-Bromophenyl-phenylether	248	9.078	9.078	(0.951)	374357	20.0000	20
	131 Atrazine	200	9.280	9.280	(0.973)	332945	20.0000	19
	62 Hexachlorobenzene	284	9.143	9.143	(0.958)	412458	20.0000	20
	63 Pentachlorophenol	266	9.357	9.357	(0.981)	394464	30.0000	31
	64 Phenanthrene	178	9.564	9.564	(1.002)	2091394	20.0000	20
	65 Carbazole	167	9.796	9.796	(1.027)	1982866	20.0000	20
	66 Anthracene	178	9.618	9.618	(1.008)	2109105	20.0000	20
	67 Di-n-butylphthalate	149	10.194	10.194	(1.068)	2849197	20.0000	18
	68 Fluoranthene	202	10.823	10.823	(1.134)	2278297	20.0000	21
*	70 Chrysene-d12	240	12.401	12.401	(1.000)	2106652	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.971	10.971	(0.885)	589577	20.0000	24
72	Pyrene	202	11.054	11.054	(0.891)	2330415	20.0000	19
$ 73	Terphenyl-d14	244	11.238	11.238	(0.906)	1543164	20.0000	19
74	Butylbenzylphthalate	149	11.766	11.766	(0.949)	1201538	20.0000	19
124	3,3'-Dimethylbenzidine	212	11.743	11.743	(0.947)	476777	20.0000	26
75	3,3'-Dichlorobenzidine	252	12.366	12.366	(0.997)	618598	20.0000	22
76	Benzo(a)anthracene	228	12.384	12.384	(0.999)	2068530	20.0000	20
77	Chrysene	228	12.437	12.437	(1.003)	1928978	20.0000	20
78	Bis(2-Ethylhexyl)phthalate	149	12.455	12.455	(1.004)	1598763	20.0000	20
* 79	Perylene-d12	264	14.526	14.526	(1.000)	1097443	20.0000	
80	Di-n-octylphthalate	149	13.351	13.351	(0.919)	1787872	20.0000	16
81	Benzo(b)fluoranthene	252	13.903	13.903	(0.957)	1315966	20.0000	20(H)
82	Benzo(k)fluoranthene	252	13.945	13.945	(0.960)	1351697	20.0000	20
83	Benzo(a)pyrene	252	14.431	14.431	(0.993)	955600	20.0000	20
84	Indeno(1,2,3-cd)pyrene	276	16.485	16.485	(1.135)	363998	20.0000	15
85	Dibenzo(a,h)anthracene	278	16.538	16.538	(1.139)	360340	20.0000	15
86	Benzo(g,h,i)perylene	276	17.001	17.001	(1.170)	347367	20.0000	15
167	Simazine	201	9.250	9.250	(0.970)	204512	20.0000	18(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.060	7.060	(0.885)	267630	20.0000	21
109	2,3,4,6-Tetrachlorophenol	232	8.336	8.336	(1.045)	307902	20.0000	20
119	Pentachloronitrobenzene	237	9.374	9.374	(0.983)	148533	20.0000	20

QC Flag Legend

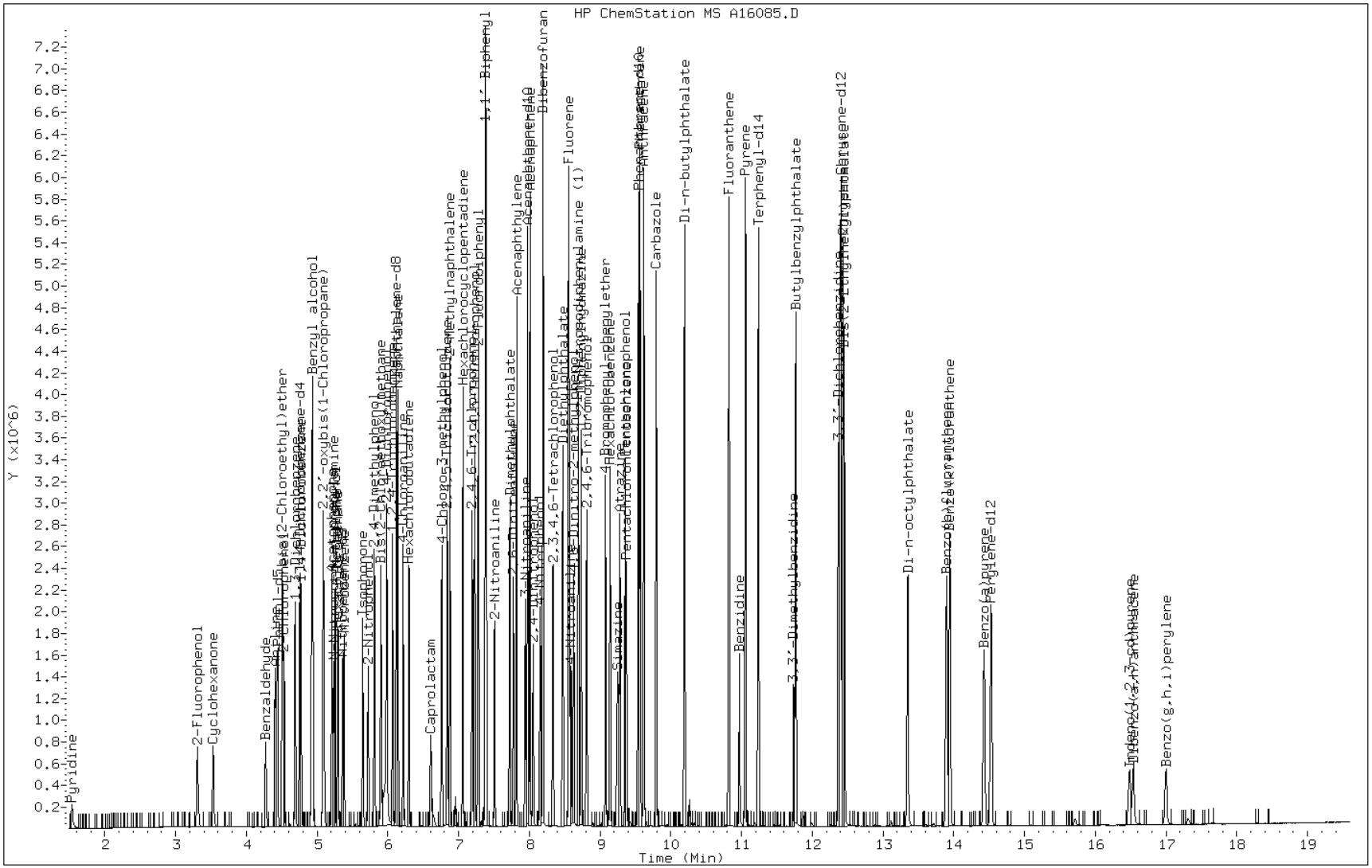
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: A16085.D

Date: 13-MAY-2011 08:49

Client ID: IC-605842 Instrument: msa.i

Sample Info: IC-605842 Operator: S.Jonas



Manual Integration Report

Data File: A16085.D
Inj. Date and Time: 13-MAY-2011 08:49
Instrument ID: msa.i
Client ID: IC-605842
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/16/2011

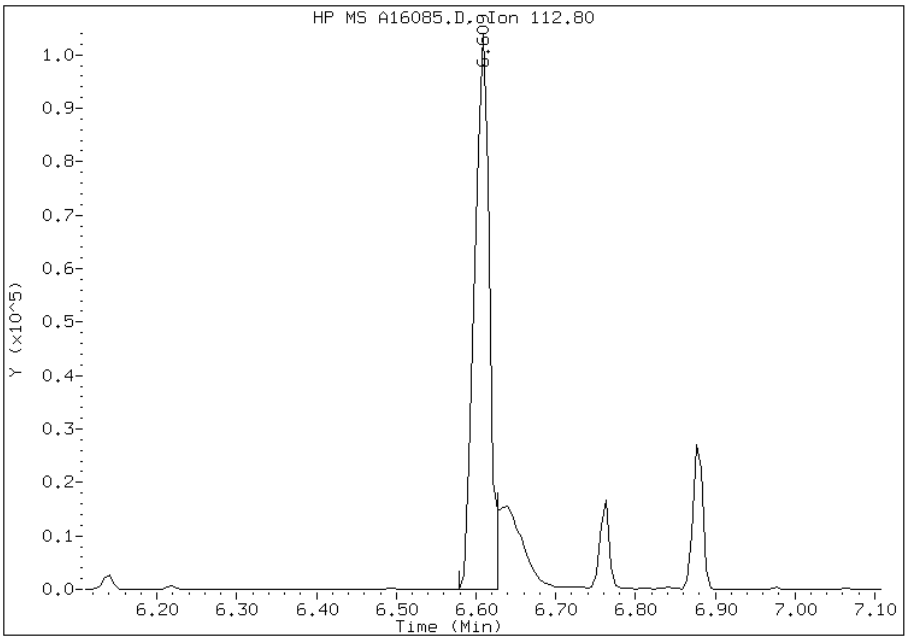
Processing Integration Results

RT: 6.61

Response: 134816

Amount: 18

Conc: 18



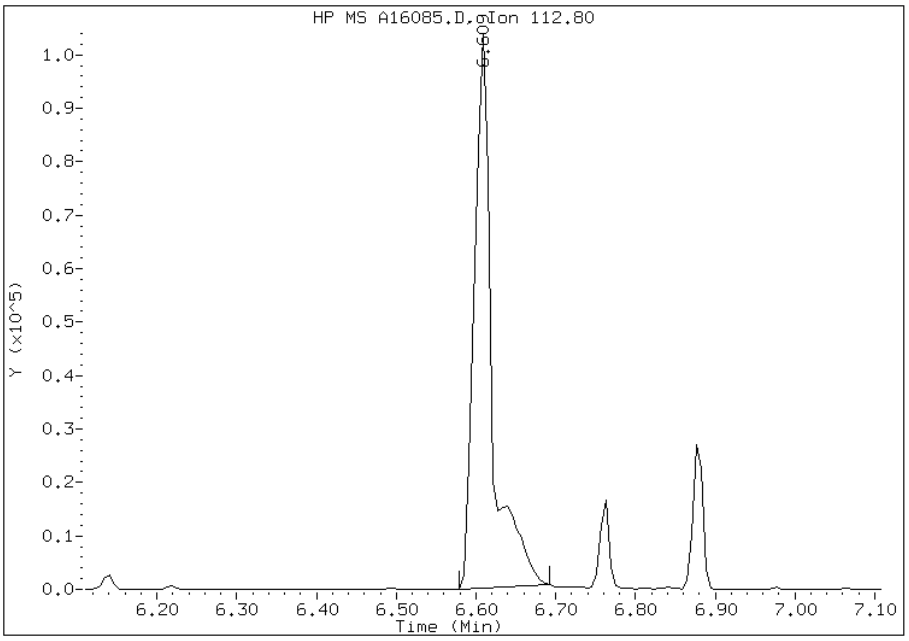
Manual Integration Results

RT: 6.61

Response: 161840

Amount: 21

Conc: 21



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: A16085.D
Inj. Date and Time: 13-MAY-2011 08:49
Instrument ID: msa.i
Client ID: IC-605842
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/16/2011

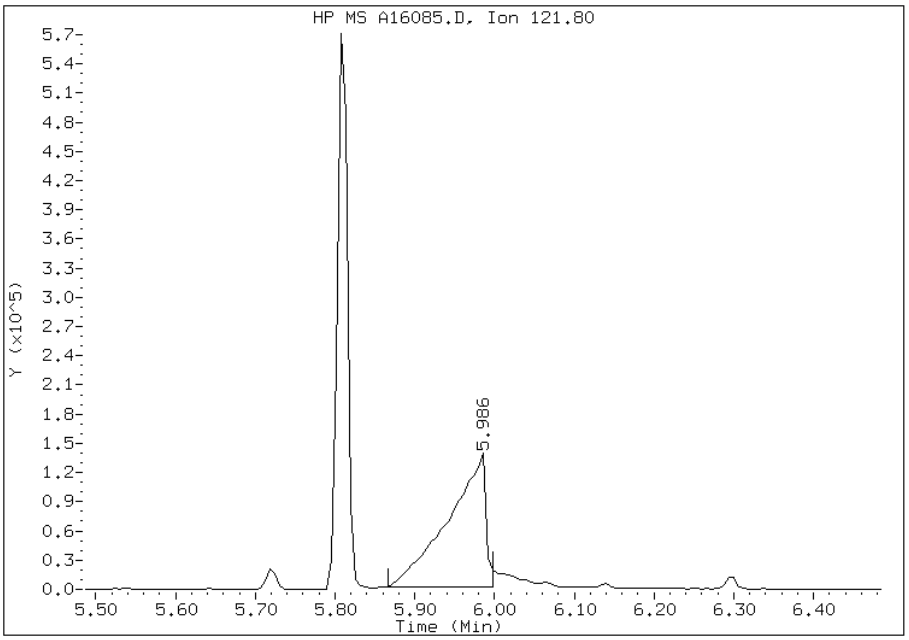
Processing Integration Results

RT: 5.99

Response: 446067

Amount: 23

Conc: 23



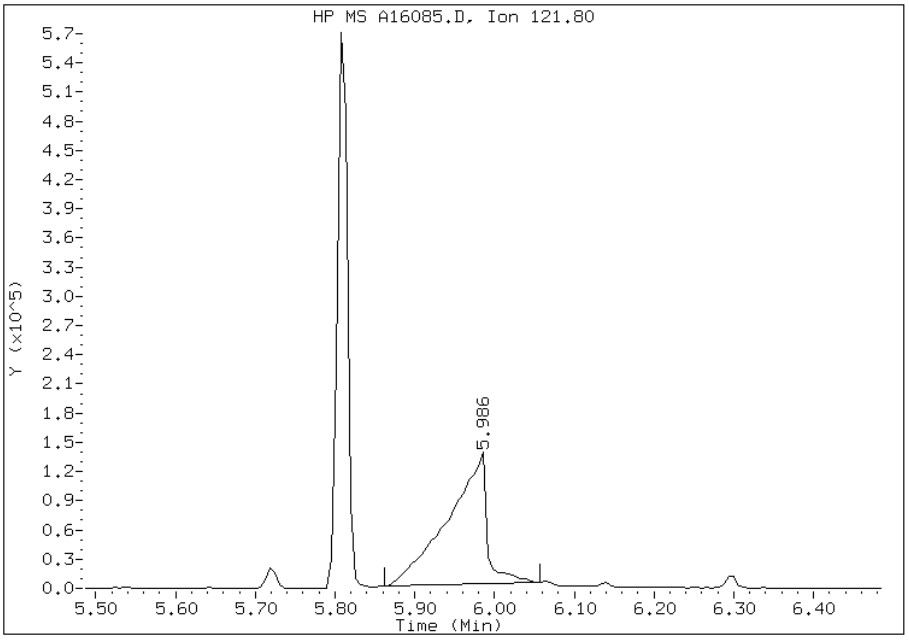
Manual Integration Results

RT: 5.99

Response: 454686

Amount: 23

Conc: 23



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\A16086.D
Lab Smp Id: IC-605843 Client Smp ID: IC-605843
Inj Date : 13-MAY-2011 09:17
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-605843
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\MSA-8270C.m
Meth Date : 16-May-2011 06:51 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 09:17 Cal File: A16086.D
Als bottle: 5 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.763	4.763	(1.000)	406867	20.0000	
$ 2	2-Fluorophenol	112	3.315	3.315	(0.696)	1292116	60.0000	62
$ 3	Phenol-d5	99	4.454	4.454	(0.935)	1786376	60.0000	63
4	Pyridine	52	1.534	1.534	(0.322)	161543	60.0000	62
5	N-Nitrosodimethylamine	42	1.528	1.528	(0.321)	105728	60.0000	61
6	Cyclohexanone	42	3.534	3.534	(0.742)	338021	60.0000	45
128	Benzaldehyde	77	4.276	4.276	(0.898)	190791	60.0000	35
7	Phenol	94	4.466	4.466	(0.938)	1817478	60.0000	62
8	Aniline	93	4.418	4.418	(0.928)	2048866	60.0000	61
9	bis(2-Chloroethyl)ether	63	4.519	4.519	(0.949)	1037526	60.0000	65
10	2-Chlorophenol	128	4.543	4.543	(0.954)	1730710	60.0000	63
11	1,3-Dichlorobenzene	146	4.697	4.697	(0.986)	1933955	60.0000	63
12	1,4-Dichlorobenzene	146	4.781	4.781	(1.004)	1979170	60.0000	62
13	Benzyl alcohol	108	4.959	4.959	(1.041)	1032908	60.0000	63
14	1,2-Dichlorobenzene	146	4.941	4.941	(1.037)	1894495	60.0000	62
15	2,2'-oxybis(1-Chloropropane)	45	5.101	5.101	(1.071)	1692666	60.0000	58
16	2-Methylphenol	108	5.107	5.107	(1.072)	1477154	60.0000	62
92	Acetophenone	105	5.226	5.226	(1.097)	2167605	60.0000	62
17	Hexachloroethane	117	5.303	5.303	(1.113)	872113	60.0000	64
18	N-Nitroso-di-n-propylamine	70	5.255	5.255	(1.103)	976534	60.0000	63

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.273	5.273	(1.107)	1601321	60.0000	63
*	20 Naphthalene-d8	136	6.128	6.128	(1.000)	1807283	20.0000	
$	21 Nitrobenzene-d5	82	5.374	5.374	(0.877)	1539960	60.0000	63
	22 Nitrobenzene	77	5.398	5.398	(0.881)	1502436	60.0000	63
	23 Isophorone	82	5.665	5.665	(0.924)	2921949	60.0000	63
	24 2-Nitrophenol	139	5.730	5.730	(0.935)	1092637	60.0000	65
	25 2,4-Dimethylphenol	122	5.831	5.831	(0.952)	1596768	60.0000	65
	26 Benzoic Acid	122	6.039	6.039	(0.985)	1197618	60.0000	62(M)
	27 Bis(2-Chloroethoxy)methane	93	5.920	5.920	(0.966)	2094979	60.0000	63
	28 2,4-Dichlorophenol	162	6.003	6.003	(0.980)	1573937	60.0000	64
	29 1,2,4-Trichlorobenzene	180	6.074	6.074	(0.991)	1729747	60.0000	64
	30 Naphthalene	128	6.152	6.152	(1.004)	5305586	60.0000	62
	31 4-Chloroaniline	127	6.229	6.229	(1.016)	2291991	60.0000	63
	32 Hexachlorobutadiene	225	6.306	6.306	(1.029)	874637	60.0000	64
	129 Caprolactam	113	6.680	6.680	(1.090)	429963	60.0000	59
	33 4-Chloro-3-methylphenol	107	6.787	6.787	(1.108)	1542227	60.0000	65
	34 2-Methylnaphthalene	142	6.894	6.894	(1.125)	3705118	60.0000	63
*	35 Acenaphthene-d10	164	7.986	7.986	(1.000)	1181022	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.852	6.852	(1.439)	1547033	60.0000	65
	37 Hexachlorocyclopentadiene	237	7.072	7.072	(0.886)	1012469	60.0000	66
	38 2,4,6-Trichlorophenol	196	7.208	7.208	(0.903)	1222950	60.0000	66
	39 2,4,5-Trichlorophenol	196	7.250	7.250	(0.908)	1272653	60.0000	65
$	40 2-Fluorobiphenyl	172	7.291	7.291	(0.913)	3962221	60.0000	63
	130 1,1'-Biphenyl	154	7.392	7.392	(0.926)	4509937	60.0000	62
	41 2-Chloronaphthalene	162	7.404	7.404	(0.927)	3678734	60.0000	62
	42 2-Nitroaniline	65	7.529	7.529	(0.943)	879209	60.0000	64
	43 Acenaphthylene	152	7.837	7.837	(0.981)	6174797	60.0000	62
	44 Dimethylphthalate	163	7.742	7.742	(0.970)	4213439	60.0000	64
	45 2,6-Dinitrotoluene	165	7.796	7.796	(0.976)	1005368	60.0000	65
	46 Acenaphthene	153	8.027	8.027	(1.005)	3922562	60.0000	63
	47 3-Nitroaniline	138	7.968	7.968	(0.998)	1187291	60.0000	64
	48 2,4-Dinitrophenol	184	8.075	8.075	(1.011)	612538	60.0000	60
	49 Dibenzofuran	168	8.205	8.205	(1.027)	5413378	60.0000	63
	50 2,4-Dinitrotoluene	165	8.217	8.217	(1.029)	1415639	60.0000	65
	51 4-Nitrophenol	109	8.181	8.181	(1.025)	470932	60.0000	67
	52 Fluorene	166	8.567	8.567	(1.073)	4456394	60.0000	64
	53 4-Chlorophenyl-phenylether	204	8.579	8.579	(1.074)	2041970	60.0000	65
	54 Diethylphthalate	149	8.490	8.490	(1.063)	4623801	60.0000	64
	55 4-Nitroaniline	138	8.633	8.633	(1.081)	1155504	60.0000	63
$	56 2,4,6-Tribromophenol	330	8.828	8.828	(1.106)	644943	60.0000	61
*	57 Phenanthrene-d10	188	9.553	9.553	(1.000)	2028394	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.656	8.656	(0.906)	817190	60.0000	72
	59 N-Nitrosodiphenylamine (1)	169	8.716	8.716	(0.912)	3099950	60.0000	65
	60 1,2-Diphenylhydrazine	77	8.751	8.751	(0.916)	4105941	60.0000	62
	61 4-Bromophenyl-phenylether	248	9.096	9.096	(0.952)	1199082	60.0000	66
	131 Atrazine	200	9.309	9.309	(0.975)	1168318	60.0000	69
	62 Hexachlorobenzene	284	9.161	9.161	(0.959)	1316582	60.0000	65
	63 Pentachlorophenol	266	9.369	9.369	(0.981)	897201	60.0000	72
	64 Phenanthrene	178	9.582	9.582	(1.003)	6493859	60.0000	64
	65 Carbazole	167	9.814	9.814	(1.027)	6177215	60.0000	64
	66 Anthracene	178	9.636	9.636	(1.009)	6582590	60.0000	64
	67 Di-n-butylphthalate	149	10.205	10.205	(1.068)	8459981	60.0000	63
	68 Fluoranthene	202	10.840	10.840	(1.135)	6941994	60.0000	65
*	70 Chrysene-d12	240	12.419	12.419	(1.000)	1750835	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.983	10.983	(0.884)	1184228	60.0000	58
72	Pyrene	202	11.078	11.078	(0.892)	7099894	60.0000	69
$ 73	Terphenyl-d14	244	11.256	11.256	(0.906)	4698090	60.0000	70
74	Butylbenzylphthalate	149	11.778	11.778	(0.948)	3593910	60.0000	70
124	3,3'-Dimethylbenzidine	212	11.749	11.749	(0.946)	834557	60.0000	54
75	3,3'-Dichlorobenzidine	252	12.384	12.384	(0.997)	1399296	60.0000	60
76	Benzo(a)anthracene	228	12.401	12.401	(0.999)	5648272	60.0000	65
77	Chrysene	228	12.455	12.455	(1.003)	5146378	60.0000	64
78	Bis(2-Ethylhexyl)phthalate	149	12.467	12.467	(1.004)	4697396	60.0000	71
* 79	Perylene-d12	264	14.538	14.538	(1.000)	507926	20.0000	
80	Di-n-octylphthalate	149	13.363	13.363	(0.919)	4353702	60.0000	65
81	Benzo(b)fluoranthene	252	13.921	13.921	(0.958)	2153681	60.0000	72(H)
82	Benzo(k)fluoranthene	252	13.968	13.968	(0.961)	2228729	60.0000	72
83	Benzo(a)pyrene	252	14.449	14.449	(0.994)	1488019	60.0000	68
84	Indeno(1,2,3-cd)pyrene	276	16.515	16.515	(1.136)	1132070	60.0000	64
85	Dibenzo(a,h)anthracene	278	16.568	16.568	(1.140)	1148222	60.0000	64
86	Benzo(g,h,i)perylene	276	17.037	17.037	(1.172)	1176831	60.0000	64
167	Simazine	201	9.291	9.291	(0.973)	766986	60.0000	71
103	1,2,4,5-Tetrachlorobenzene	216	7.072	7.072	(0.886)	855186	60.0000	67
109	2,3,4,6-Tetrachlorophenol	232	8.348	8.348	(1.045)	1002488	60.0000	68
119	Pentachloronitrobenzene	237	9.386	9.386	(0.983)	472176	60.0000	67

QC Flag Legend

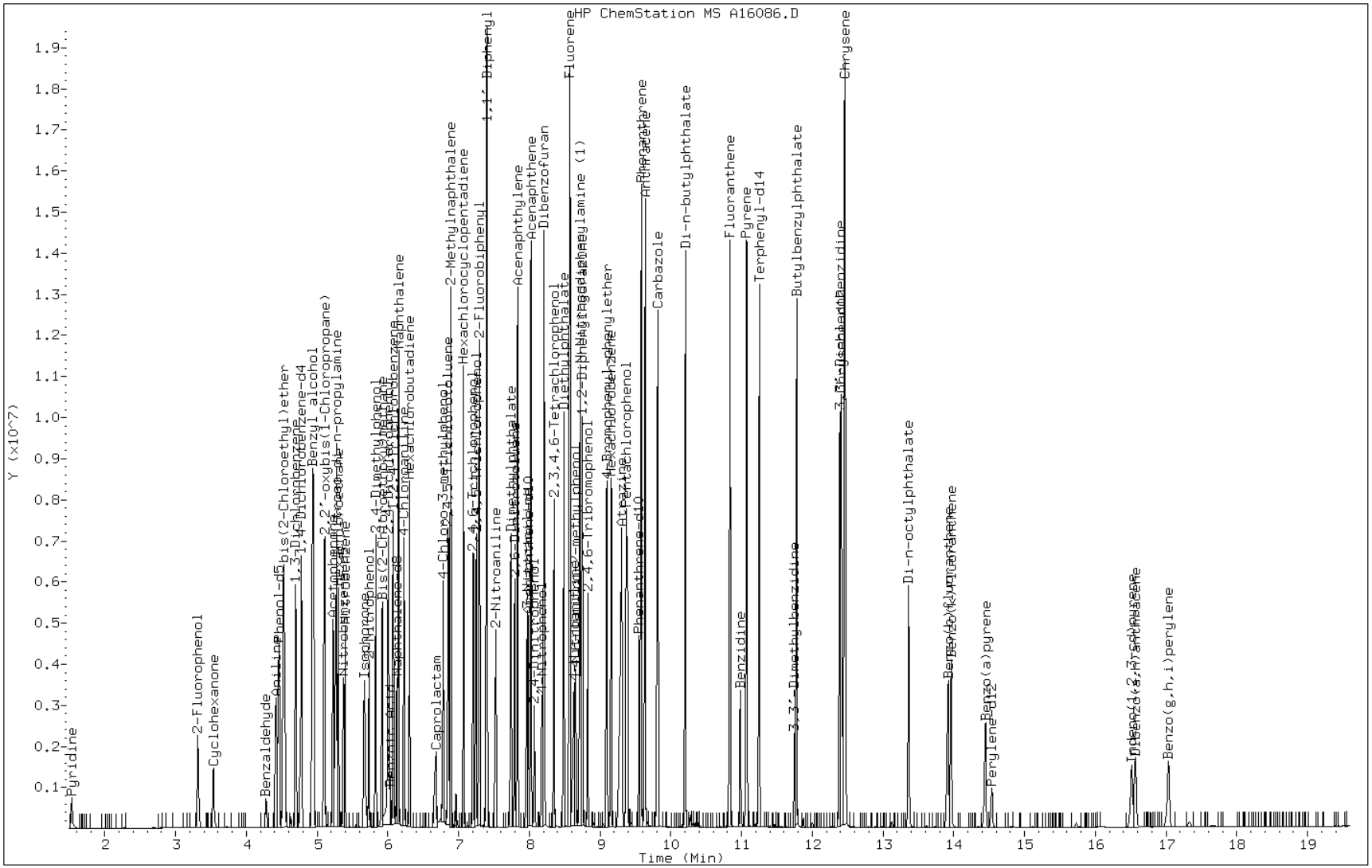
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: A16086.D

Date: 13-MAY-2011 09:17

Client ID: IC-605843 Instrument: msa.i

Sample Info: IC-605843 Operator: S.Jonas



Manual Integration Report

Data File: A16086.D
Inj. Date and Time: 13-MAY-2011 09:17
Instrument ID: msa.i
Client ID: IC-605843
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/16/2011

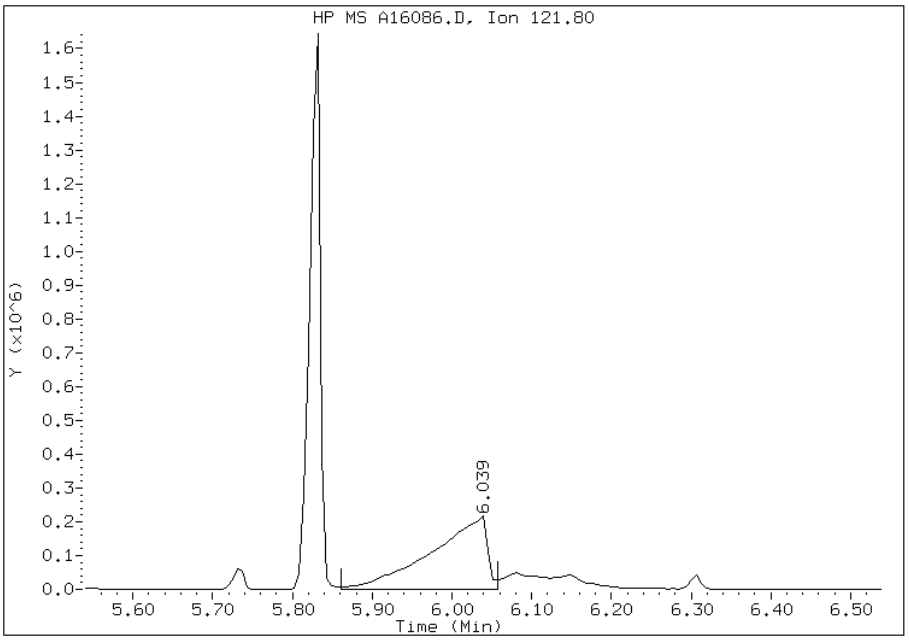
Processing Integration Results

RT: 6.04

Response: 1038037

Amount: 56

Conc: 56



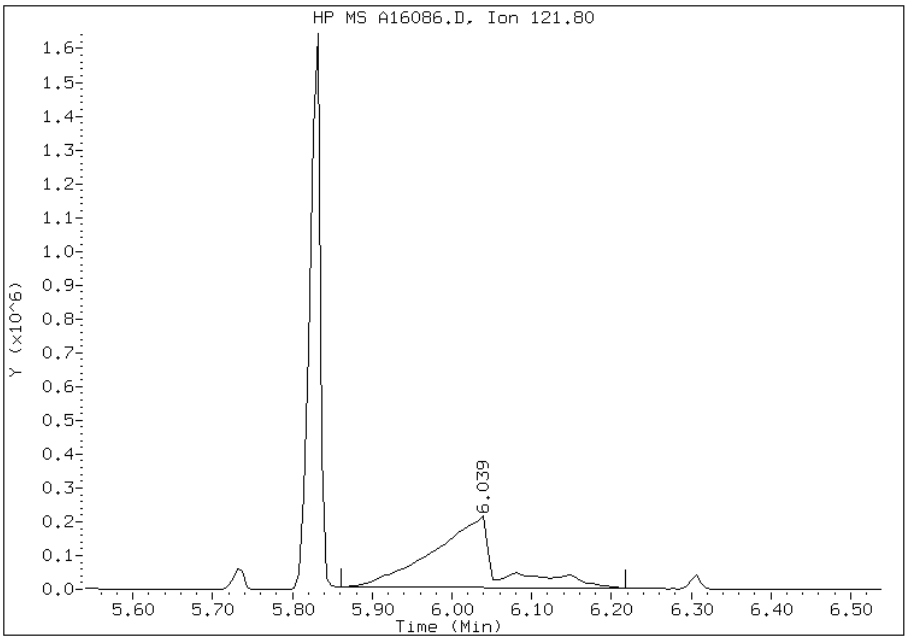
Manual Integration Results

RT: 6.04

Response: 1197618

Amount: 62

Conc: 62



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\A16087.D
Lab Smp Id: IC-605844 Client Smp ID: IC-605844
Inj Date : 13-MAY-2011 09:45
Operator : S.Jonas Inst ID: msa.i
Smp Info : IC-605844
Misc Info :
Comment :
Method : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\MSA-8270C.m
Meth Date : 16-May-2011 06:51 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 09:45 Cal File: A16087.D
Als bottle: 6 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.763	4.763	(1.000)	419498	20.0000	
$ 2	2-Fluorophenol	112	3.320	3.320	(0.697)	1758052	80.0000	82(A)
$ 3	Phenol-d5	99	4.460	4.460	(0.936)	2400755	80.0000	82(A)
4	Pyridine	52	1.540	1.540	(0.323)	223065	80.0000	84(A)
5	N-Nitrosodimethylamine	42	1.534	1.534	(0.322)	144117	80.0000	81(AM)
6	Cyclohexanone	42	3.534	3.534	(0.742)	384306	80.0000	49
128	Benzaldehyde	77	4.276	4.276	(0.898)	208796	80.0000	37
7	Phenol	94	4.472	4.472	(0.939)	2470511	80.0000	82(A)
8	Aniline	93	4.418	4.418	(0.928)	2723572	80.0000	79
9	bis(2-Chloroethyl)ether	63	4.519	4.519	(0.949)	1337960	80.0000	81(A)
10	2-Chlorophenol	128	4.549	4.549	(0.955)	2315221	80.0000	81(A)
11	1,3-Dichlorobenzene	146	4.697	4.697	(0.986)	2592049	80.0000	82(A)
12	1,4-Dichlorobenzene	146	4.780	4.780	(1.004)	2657690	80.0000	81(A)
13	Benzyl alcohol	108	4.958	4.958	(1.041)	1391189	80.0000	82(A)
14	1,2-Dichlorobenzene	146	4.941	4.941	(1.037)	2522254	80.0000	79
15	2,2'-oxybis(1-Chloropropane)	45	5.101	5.101	(1.071)	2201987	80.0000	73
16	2-Methylphenol	108	5.113	5.113	(1.074)	2003630	80.0000	81(A)
92	Acetophenone	105	5.231	5.231	(1.098)	2965527	80.0000	83(A)
17	Hexachloroethane	117	5.297	5.297	(1.112)	1170610	80.0000	83(A)
18	N-Nitroso-di-n-propylamine	70	5.261	5.261	(1.105)	1281839	80.0000	80

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.279	5.279	(1.108)	2115507	80.0000	80(A)
*	20 Naphthalene-d8	136	6.122	6.122	(1.000)	1883576	20.0000	
$	21 Nitrobenzene-d5	82	5.374	5.374	(0.878)	2106962	80.0000	83(A)
	22 Nitrobenzene	77	5.398	5.398	(0.882)	2014096	80.0000	81(A)
	23 Isophorone	82	5.671	5.671	(0.926)	4053160	80.0000	84(A)
	24 2-Nitrophenol	139	5.736	5.736	(0.937)	1495359	80.0000	86(A)
	25 2,4-Dimethylphenol	122	5.831	5.831	(0.952)	2184619	80.0000	85(A)
	26 Benzoic Acid	122	6.068	6.068	(0.991)	1699133	80.0000	85(AM)
	27 Bis(2-Chloroethoxy)methane	93	5.920	5.920	(0.967)	2824920	80.0000	81(A)
	28 2,4-Dichlorophenol	162	6.009	6.009	(0.982)	2142041	80.0000	84(A)
	29 1,2,4-Trichlorobenzene	180	6.074	6.074	(0.992)	2368349	80.0000	84(A)
	30 Naphthalene	128	6.151	6.151	(1.005)	7002546	80.0000	78
	31 4-Chloroaniline	127	6.229	6.229	(1.017)	3040160	80.0000	80
	32 Hexachlorobutadiene	225	6.306	6.306	(1.030)	1165663	80.0000	82(A)
	129 Caprolactam	113	6.703	6.703	(1.095)	575961	80.0000	76
	33 4-Chloro-3-methylphenol	107	6.786	6.786	(1.109)	2109478	80.0000	85(A)
	34 2-Methylnaphthalene	142	6.893	6.893	(1.126)	4910012	80.0000	80(A)
*	35 Acenaphthene-d10	164	7.979	7.979	(1.000)	1241488	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.852	6.852	(1.439)	2120426	80.0000	86(A)
	37 Hexachlorocyclopentadiene	237	7.065	7.065	(0.885)	1260499	80.0000	78
	38 2,4,6-Trichlorophenol	196	7.202	7.202	(0.903)	1702868	80.0000	87(A)
	39 2,4,5-Trichlorophenol	196	7.249	7.249	(0.909)	1779231	80.0000	86(A)
$	40 2-Fluorobiphenyl	172	7.291	7.291	(0.914)	5356329	80.0000	81(A)
	130 1,1'-Biphenyl	154	7.392	7.392	(0.926)	5657420	80.0000	74
	41 2-Chloronaphthalene	162	7.404	7.404	(0.928)	4743459	80.0000	76
	42 2-Nitroaniline	65	7.528	7.528	(0.943)	1183467	80.0000	82(A)
	43 Acenaphthylene	152	7.837	7.837	(0.982)	8365456	80.0000	80(A)
	44 Dimethylphthalate	163	7.742	7.742	(0.970)	5847064	80.0000	84(A)
	45 2,6-Dinitrotoluene	165	7.795	7.795	(0.977)	1422447	80.0000	87(A)
	46 Acenaphthene	153	8.027	8.027	(1.006)	5273890	80.0000	81(A)
	47 3-Nitroaniline	138	7.968	7.968	(0.999)	1671868	80.0000	85(A)
	48 2,4-Dinitrophenol	184	8.074	8.074	(1.012)	896227	80.0000	81(A)
	49 Dibenzofuran	168	8.205	8.205	(1.028)	7298035	80.0000	81(A)
	50 2,4-Dinitrotoluene	165	8.223	8.223	(1.030)	1944846	80.0000	85(A)
	51 4-Nitrophenol	109	8.187	8.187	(1.026)	688122	80.0000	93(A)
	52 Fluorene	166	8.567	8.567	(1.074)	5876324	80.0000	80(A)
	53 4-Chlorophenyl-phenylether	204	8.579	8.579	(1.075)	2616995	80.0000	79
	54 Diethylphthalate	149	8.490	8.490	(1.064)	6383087	80.0000	84(A)
	55 4-Nitroaniline	138	8.644	8.644	(1.083)	1601168	80.0000	83(A)
$	56 2,4,6-Tribromophenol	330	8.828	8.828	(1.106)	876816	80.0000	79
*	57 Phenanthrene-d10	188	9.552	9.552	(1.000)	2113058	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.662	8.662	(0.907)	1164407	80.0000	98(A)
	59 N-Nitrosodiphenylamine (1)	169	8.721	8.721	(0.913)	4267187	80.0000	86(A)
	60 1,2-Diphenylhydrazine	77	8.751	8.751	(0.916)	5699117	80.0000	83(A)
	61 4-Bromophenyl-phenylether	248	9.095	9.095	(0.952)	1641679	80.0000	86(A)
	131 Atrazine	200	9.315	9.315	(0.975)	1621246	80.0000	91(A)
	62 Hexachlorobenzene	284	9.155	9.155	(0.958)	1782110	80.0000	85(A)
	63 Pentachlorophenol	266	9.368	9.368	(0.981)	1251324	80.0000	96(A)
	64 Phenanthrene	178	9.582	9.582	(1.003)	8829261	80.0000	84(A)
	65 Carbazole	167	9.813	9.813	(1.027)	8467002	80.0000	84(A)
	66 Anthracene	178	9.635	9.635	(1.009)	8917137	80.0000	84(A)
	67 Di-n-butylphthalate	149	10.205	10.205	(1.068)	10622468	80.0000	78
	68 Fluoranthene	202	10.840	10.840	(1.135)	9346723	80.0000	83(A)
*	70 Chrysene-d12	240	12.413	12.413	(1.000)	1605619	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
71	Benzidine	184	10.977	10.977	(0.884)	1179836	80.0000	63
72	Pyrene	202	11.072	11.072	(0.892)	9486968	80.0000	100(A)
$ 73	Terphenyl-d14	244	11.250	11.250	(0.906)	6158193	80.0000	100(A)
74	Butylbenzylphthalate	149	11.778	11.778	(0.949)	4635735	80.0000	98(A)
124	3,3'-Dimethylbenzidine	212	11.748	11.748	(0.946)	789587	80.0000	56
75	3,3'-Dichlorobenzidine	252	12.383	12.383	(0.998)	1518998	80.0000	71
76	Benzo(a)anthracene	228	12.401	12.401	(0.999)	6874454	80.0000	86(A)
77	Chrysene	228	12.455	12.455	(1.003)	6047530	80.0000	82(A)
78	Bis(2-Ethylhexyl)phthalate	149	12.461	12.461	(1.004)	5857218	80.0000	96(A)
* 79	Perylene-d12	264	14.526	14.526	(1.000)	475206	20.0000	
80	Di-n-octylphthalate	149	13.357	13.357	(0.920)	4940470	80.0000	78
81	Benzo(b)fluoranthene	252	13.909	13.909	(0.958)	2445860	80.0000	87(AH)
82	Benzo(k)fluoranthene	252	13.956	13.956	(0.961)	2436888	80.0000	85(A)
83	Benzo(a)pyrene	252	14.443	14.443	(0.994)	1788954	80.0000	87(A)
84	Indeno(1,2,3-cd)pyrene	276	16.508	16.508	(1.136)	1601906	80.0000	78
85	Dibenzo(a,h)anthracene	278	16.562	16.562	(1.140)	1632969	80.0000	78
86	Benzo(g,h,i)perylene	276	17.031	17.031	(1.172)	1634917	80.0000	78
167	Simazine	201	9.297	9.297	(0.973)	1067533	80.0000	95(A)
103	1,2,4,5-Tetrachlorobenzene	216	7.071	7.071	(0.886)	1132961	80.0000	85(A)
109	2,3,4,6-Tetrachlorophenol	232	8.347	8.347	(1.046)	1407543	80.0000	91(A)
119	Pentachloronitrobenzene	237	9.386	9.386	(0.983)	647387	80.0000	88(A)

QC Flag Legend

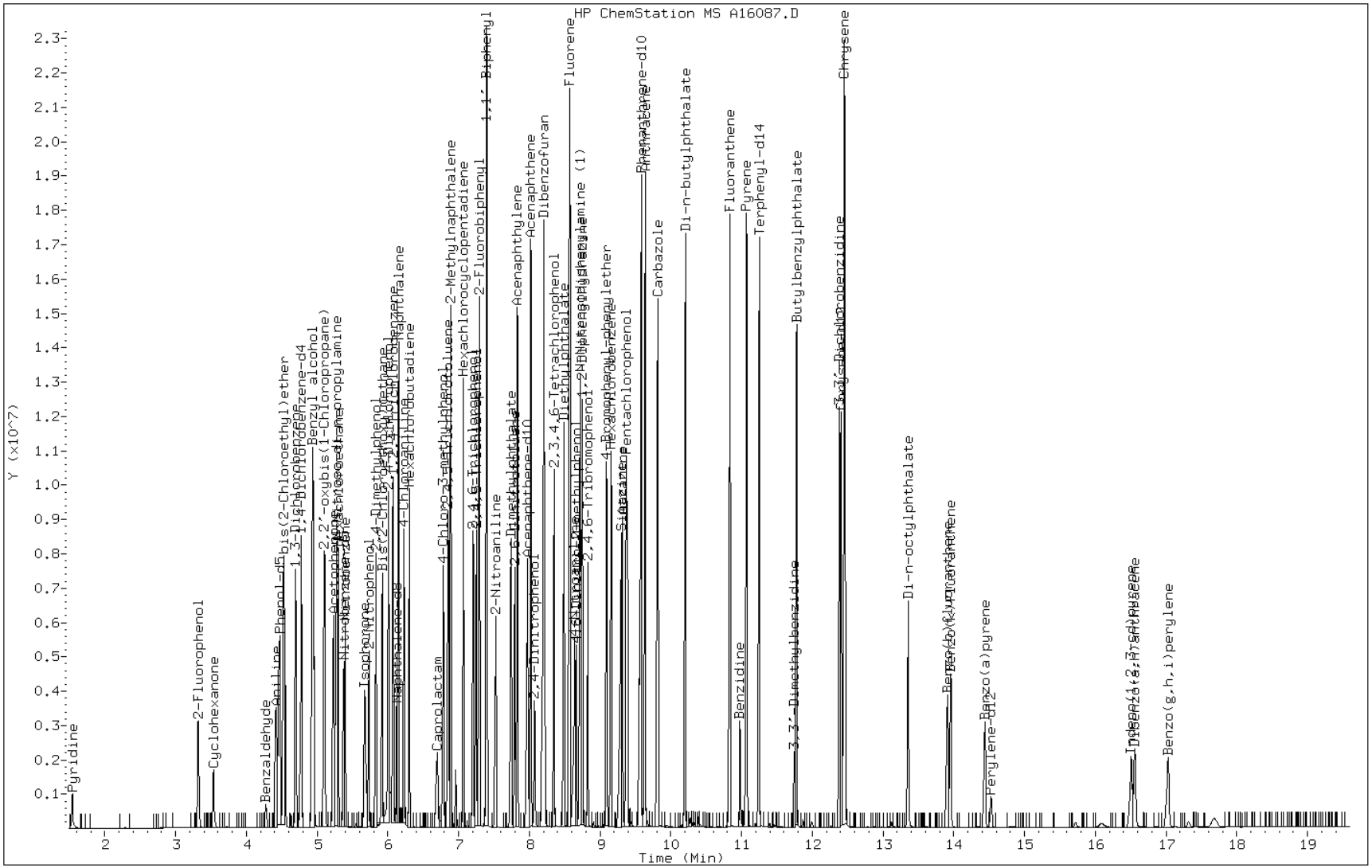
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: A16087.D

Date: 13-MAY-2011 09:45

Client ID: IC-605844 Instrument: msa.i

Sample Info: IC-605844 Operator: S.Jonas



Manual Integration Report

Data File: A16087.D
Inj. Date and Time: 13-MAY-2011 09:45
Instrument ID: msa.i
Client ID: IC-605844
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/16/2011

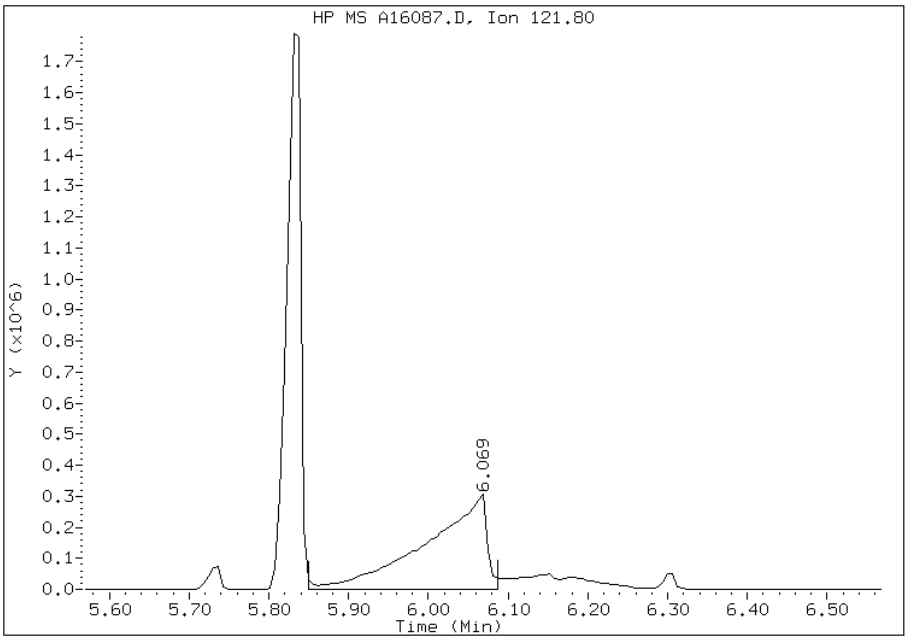
Processing Integration Results

RT: 6.07

Response: 1588565

Amount: 82

Conc: 82



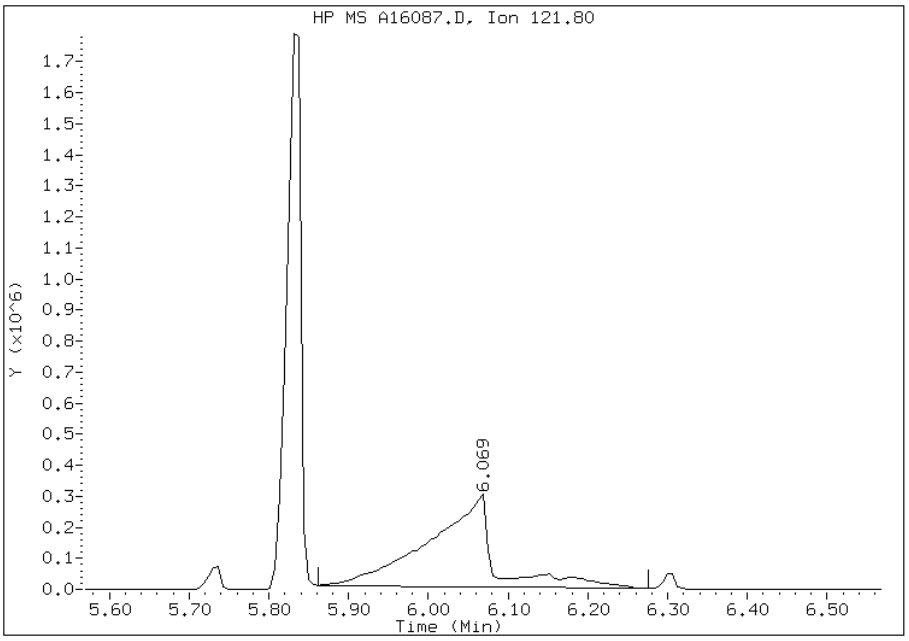
Manual Integration Results

RT: 6.07

Response: 1699133

Amount: 85

Conc: 85



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: A16087.D
Inj. Date and Time: 13-MAY-2011 09:45
Instrument ID: msa.i
Client ID: IC-605844
Compound: 5 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/16/2011

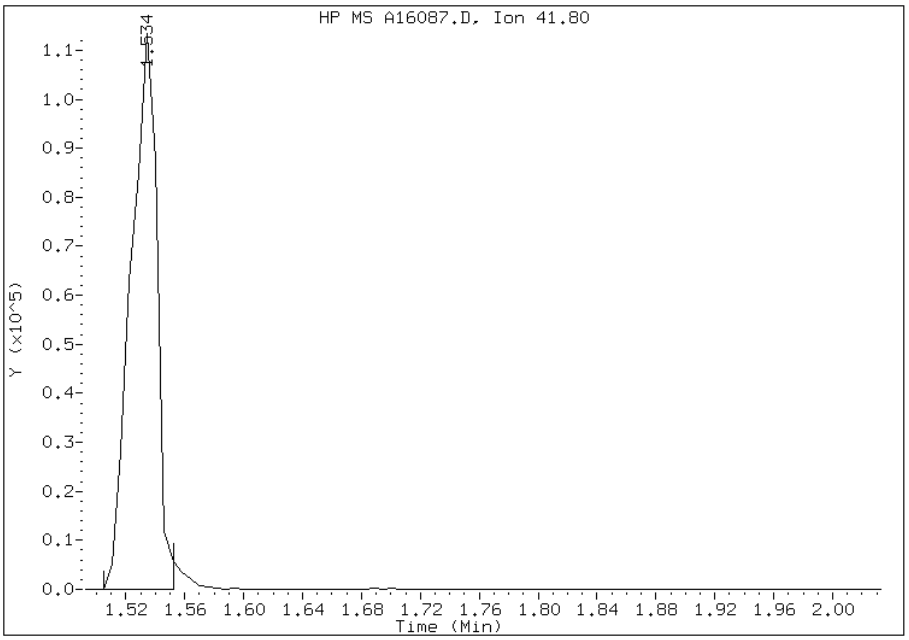
Processing Integration Results

RT: 1.53

Response: 142203

Amount: 80

Conc: 80



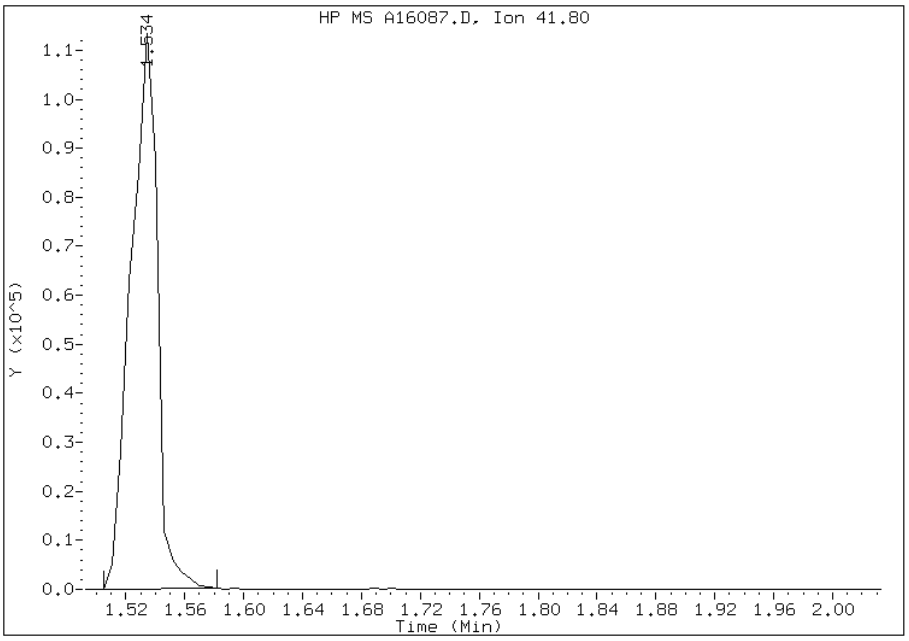
Manual Integration Results

RT: 1.53

Response: 144117

Amount: 81

Conc: 81



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab Sample ID: CCVIS 220-50886/1 Calibration Date: 05/16/2011 09:58

Instrument ID: MSA Calib Start Date: 05/13/2011 06:59

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 05/13/2011 09:45

Lab File ID: A16116.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	0.0847	0.0792	0.0500	37.4	40.0	-6.5	30.0
Pyridine	Ave	0.1272	0.1216	0.0500	38.2	40.0	-4.4	30.0
Cyclohexanone	Ave	0.3732	0.3506	0.0500	37.6	40.0	-6.1	30.0
Benzaldehyde	Ave	0.2667	0.1531	0.0500	23.0	40.0	-42.6*	30.0
Aniline	Ave	1.649	1.572	0.0500	38.1	40.0	-4.7	30.0
Phenol	Ave	1.444	1.353	0.0500	37.5	40.0	-6.3	20.0
Bis(2-chloroethyl)ether	Ave	0.7865	0.7348	0.0500	37.4	40.0	-6.6	30.0
2-Chlorophenol	Ave	1.358	1.295	0.0500	38.1	40.0	-4.6	30.0
1,3-Dichlorobenzene	Ave	1.511	1.447	0.0500	38.3	40.0	-4.2	30.0
1,4-Dichlorobenzene	Ave	1.557	1.491	0.0500	38.3	40.0	-4.2	20.0
1,2-Dichlorobenzene	Ave	1.513	1.425	0.0500	37.7	40.0	-5.8	30.0
Benzyl alcohol	Ave	0.8113	0.7719	0.0500	38.1	40.0	-4.9	30.0
2,2'-oxybis[1-chloropropane]	Ave	1.438	1.287	0.0500	35.8	40.0	-10.5	30.0
2-Methylphenol	Ave	1.176	1.105	0.0500	37.6	40.0	-6.0	30.0
Acetophenone	Ave	1.711	1.595	0.0500	37.3	40.0	-6.7	30.0
N-Nitrosodi-n-propylamine	Ave	0.7680	0.7143	0.0500	37.2	40.0	-7.0	30.0
Methylphenol, 3 & 4	Ave	1.253	1.186	0.0500	37.9	40.0	-5.3	30.0
Hexachloroethane	Ave	0.6750	0.6454	0.0500	38.2	40.0	-4.4	30.0
Nitrobenzene	Ave	0.2639	0.2453	0.0500	37.2	40.0	-7.0	30.0
Isophorone	Ave	0.5107	0.4771	0.0500	37.4	40.0	-6.6	30.0
2-Nitrophenol	Ave	0.1850	0.1793	0.0500	38.8	40.0	-3.1	20.0
2,4-Dimethylphenol	Ave	0.2721	0.2579	0.0500	37.9	40.0	-5.2	30.0
Bis(2-chloroethoxy)methane	Ave	0.3686	0.3465	0.0500	37.6	40.0	-6.0	30.0
2,4-Dichlorophenol	Ave	0.2706	0.2623	0.0500	38.8	40.0	-3.0	20.0
Benzoic acid	Ave	0.2125	0.1884	0.0500	35.5	40.0	-11.3	30.0
1,2,4-Trichlorobenzene	Ave	0.3006	0.2901	0.0500	38.6	40.0	-3.5	30.0
Naphthalene	Ave	0.9508	0.9008	0.0500	37.9	40.0	-5.3	30.0
4-Chloroaniline	Ave	0.4039	0.3917	0.0500	38.8	40.0	-3.0	30.0
Hexachlorobutadiene	Ave	0.1502	0.1475	0.0500	39.3	40.0	-1.8	20.0
Caprolactam	Ave	0.0810	0.0821	0.0500	40.5	40.0	1.4	30.0
4-Chloro-3-methylphenol	Ave	0.2639	0.2522	0.0500	38.2	40.0	-4.4	20.0
2,4,5-Trichlorotoluene	Ave	1.176	1.121	0.0500	38.1	40.0	-4.7	30.0
2-Methylnaphthalene	Ave	0.6505	0.6219	0.0500	38.2	40.0	-4.4	30.0
1,2,4,5-Tetrachlorobenzene	Ave	0.2147	0.2197	0.0500	40.9	40.0	2.3	30.0
Hexachlorocyclopentadiene	Ave	0.2612	0.2753	0.0500	42.2	40.0	5.4	30.0
2,4,6-Trichlorophenol	Ave	0.3152	0.3124	0.0500	39.6	40.0	-0.9	20.0
2,4,5-Trichlorophenol	Ave	0.3329	0.3279	0.0500	39.4	40.0	-1.5	30.0
1,1'-Biphenyl	Ave	1.228	1.210	0.0500	39.4	40.0	-1.5	30.0
2-Chloronaphthalene	Ave	1.005	0.9790	0.0500	39.0	40.0	-2.6	30.0
2-Nitroaniline	Ave	0.2337	0.2197	0.0500	37.6	40.0	-6.0	30.0
Dimethyl phthalate	Ave	1.121	1.084	0.0500	38.7	40.0	-3.2	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab Sample ID: CCVIS 220-50886/1 Calibration Date: 05/16/2011 09:58

Instrument ID: MSA Calib Start Date: 05/13/2011 06:59

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 05/13/2011 09:45

Lab File ID: A16116.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,6-Dinitrotoluene	Ave	0.2630	0.2614	0.0500	39.7	40.0	-0.6	30.0
Acenaphthylene	Ave	1.675	1.617	0.0500	38.6	40.0	-3.4	30.0
3-Nitroaniline	Ave	0.3165	0.3085	0.0500	39.0	40.0	-2.5	30.0
Acenaphthene	Ave	1.054	1.012	0.0500	38.4	40.0	-4.0	20.0
2,4-Dinitrophenol	Lin	0.1304	0.1383	0.0500	35.2	40.0	-12.1	30.0
4-Nitrophenol	Ave	0.1191	0.1144	0.0500	38.4	40.0	-4.0	30.0
Dibenzofuran	Ave	1.459	1.399	0.0500	38.3	40.0	-4.1	30.0
2,4-Dinitrotoluene	Ave	0.3693	0.3606	0.0500	39.1	40.0	-2.4	30.0
2,3,4,6-Tetrachlorophenol	Ave	0.2500	0.2513	0.0500	40.2	40.0	0.5	30.0
Diethyl phthalate	Ave	1.221	1.178	0.0500	38.6	40.0	-3.5	30.0
Fluorene	Ave	1.180	1.163	0.0500	39.4	40.0	-1.4	30.0
4-Chlorophenyl phenyl ether	Ave	0.5319	0.5253	0.0500	39.5	40.0	-1.3	30.0
4-Nitroaniline	Ave	0.3090	0.2954	0.0500	38.2	40.0	-4.4	30.0
4,6-Dinitro-2-methylphenol	Lin	0.1122	0.1155	0.0500	36.5	40.0	-8.7	30.0
N-Nitrosodiphenylamine	Ave	0.4703	0.4613	0.0500	39.2	40.0	-1.9	20.0
1,2-Diphenylhydrazine	Ave	0.6508	0.6138	0.0500	37.7	40.0	-5.7	30.0
4-Bromophenyl phenyl ether	Ave	0.1802	0.1800	0.0500	40.0	40.0	-0.0	30.0
Hexachlorobenzene	Ave	0.1995	0.1982	0.0500	39.7	40.0	-0.7	30.0
Simazine	Ave	0.1025	0.0985	0.0500	38.4	40.0	-3.9	30.0
Atrazine	Ave	0.1680	0.1733	0.0500	41.3	40.0	3.2	30.0
Pentachlorophenol	Lin	0.1229	0.1258	0.0500	36.6	40.0	-8.5	20.0
Pentachloronitrobenzene	Ave	0.0699	0.0685	0.0500	39.2	40.0	-2.0	30.0
Phenanthrene	Ave	0.997	0.9807	0.0500	39.3	40.0	-1.6	30.0
Anthracene	Ave	1.015	0.9934	0.0500	39.2	40.0	-2.1	30.0
Carbazole	Ave	0.9569	0.9364	0.0500	39.1	40.0	-2.1	30.0
Di-n-butyl phthalate	Ave	1.308	1.299	0.0500	39.7	40.0	-0.7	30.0
Fluoranthene	Ave	1.067	1.054	0.0500	39.5	40.0	-1.2	20.0
Benzidine	Ave	0.2340	0.2428	0.0500	41.5	40.0	3.7	30.0
Pyrene	Ave	1.128	1.080	0.0500	38.3	40.0	-4.2	30.0
3,3'-Dimethylbenzidine	Ave	0.1767	0.1812	0.0500	41.0	40.0	2.5	30.0
Butyl benzyl phthalate	Ave	0.5655	0.5637	0.0500	39.9	40.0	-0.3	30.0
3,3'-Dichlorobenzidine	Ave	0.2677	0.2828	0.0500	42.3	40.0	5.7	30.0
Benzo[a]anthracene	Ave	0.9905	0.9611	0.0500	38.8	40.0	-3.0	30.0
Chrysene	Ave	0.9135	0.8798	0.0500	38.5	40.0	-3.7	30.0
Bis(2-ethylhexyl) phthalate	Lin	0.7586	0.7729	0.0500	35.5	40.0	-11.2	30.0
Di-n-octyl phthalate	Qua	1.633	1.932	0.0500	35.2	40.0	-12.1	20.0
Benzo[b]fluoranthene	Lin	1.177	1.209	0.0500	36.4	40.0	-9.0	30.0
Benzo[k]fluoranthene	Lin	1.212	1.271	0.0500	37.7	40.0	-5.8	30.0
Benzo[a]pyrene	Ave	0.8670	0.8759	0.0500	40.4	40.0	1.0	20.0
Indeno[1,2,3-cd]pyrene	Qua	0.4510	0.3658	0.0500	32.3	40.0	-19.2	30.0
Dibenz(a,h)anthracene	Qua	0.4343	0.3691	0.0500	32.5	40.0	-18.7	30.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Lab Sample ID: CCVIS 220-50886/1 Calibration Date: 05/16/2011 09:58

Instrument ID: MSA Calib Start Date: 05/13/2011 06:59

GC Column: ZB-5MS ID: 0.25(mm) Calib End Date: 05/13/2011 09:45

Lab File ID: A16116.D Conc. Units: ug/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Qua	0.4446	0.3538	0.0500	30.9	40.0	-22.8	30.0
2-Fluorophenol	Ave	1.018	0.9713	0.0500	38.2	40.0	-4.6	30.0
Phenol-d5	Ave	1.400	1.320	0.0500	37.7	40.0	-5.7	30.0
Nitrobenzene-d5	Ave	0.2704	0.2519	0.0500	37.3	40.0	-6.8	30.0
2-Fluorobiphenyl	Ave	1.065	1.024	0.0500	38.4	40.0	-3.9	30.0
2,4,6-Tribromophenol	Ave	0.1796	0.1691	0.0500	37.7	40.0	-5.8	30.0
Terphenyl-d14	Ave	0.7368	0.7183	0.0500	39.0	40.0	-2.5	30.0

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116115.b\A16116.D
Lab Smp Id: CCVIS-612031 Client Smp ID: CCVIS-612031
Inj Date : 16-MAY-2011 09:58
Operator : S.Jonas Inst ID: msa.i
Smp Info : CCVIS-612031
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msa.i\A1116115.b\MSA-8270C.m
Meth Date : 16-May-2011 10:18 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 09:45 Cal File: A16087.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 8270.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
* 1	1,4-Dichlorobenzene-d4	152	4.745	4.745	(1.000)	444779	20.0000	
$ 2	2-Fluorophenol	112	3.297	3.297	(0.695)	864048	40.0000	38
$ 3	Phenol-d5	99	4.430	4.430	(0.934)	1174448	40.0000	38
4	Pyridine	52	1.522	1.522	(0.321)	108175	40.0000	38
5	N-Nitrosodimethylamine	42	1.516	1.516	(0.320)	70448	40.0000	37(M)
6	Cyclohexanone	42	3.516	3.516	(0.741)	311835	40.0000	38
128	Benzaldehyde	77	4.264	4.264	(0.899)	136164	40.0000	23
7	Phenol	94	4.442	4.442	(0.936)	1203971	40.0000	37
8	Aniline	93	4.401	4.401	(0.927)	1398778	40.0000	38
9	bis(2-Chloroethyl)ether	63	4.502	4.502	(0.949)	653665	40.0000	37
10	2-Chlorophenol	128	4.525	4.525	(0.954)	1152178	40.0000	38
11	1,3-Dichlorobenzene	146	4.680	4.680	(0.986)	1286945	40.0000	38
12	1,4-Dichlorobenzene	146	4.763	4.763	(1.004)	1326237	40.0000	38
13	Benzyl alcohol	108	4.935	4.935	(1.040)	686663	40.0000	38
14	1,2-Dichlorobenzene	146	4.923	4.923	(1.038)	1268035	40.0000	38
15	2,2'-oxybis(1-Chloropropane)	45	5.083	5.083	(1.071)	1144900	40.0000	36
16	2-Methylphenol	108	5.083	5.083	(1.071)	982907	40.0000	38
92	Acetophenone	105	5.202	5.202	(1.096)	1419240	40.0000	37
17	Hexachloroethane	117	5.285	5.285	(1.114)	574145	40.0000	38
18	N-Nitroso-di-n-propylamine	70	5.232	5.232	(1.103)	635389	40.0000	37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	ON-COL (ug/mL)
	19 4-Methylphenol	108	5.249	5.249	(1.106)	1055425	40.0000	38
*	20 Naphthalene-d8	136	6.110	6.110	(1.000)	1983981	20.0000	
$	21 Nitrobenzene-d5	82	5.350	5.350	(0.876)	999433	40.0000	37
	22 Nitrobenzene	77	5.374	5.374	(0.880)	973445	40.0000	37
	23 Isophorone	82	5.641	5.641	(0.923)	1892918	40.0000	37
	24 2-Nitrophenol	139	5.712	5.712	(0.935)	711609	40.0000	39
	25 2,4-Dimethylphenol	122	5.807	5.807	(0.950)	1023245	40.0000	38
	26 Benzoic Acid	122	5.985	5.985	(0.980)	747507	40.0000	35(M)
	27 Bis(2-Chloroethoxy)methane	93	5.896	5.896	(0.965)	1374810	40.0000	38
	28 2,4-Dichlorophenol	162	5.985	5.985	(0.980)	1040937	40.0000	39
	29 1,2,4-Trichlorobenzene	180	6.057	6.057	(0.991)	1150918	40.0000	39
	30 Naphthalene	128	6.128	6.128	(1.003)	3574227	40.0000	38
	31 4-Chloroaniline	127	6.211	6.211	(1.017)	1554070	40.0000	39
	32 Hexachlorobutadiene	225	6.288	6.288	(1.029)	585198	40.0000	39
	129 Caprolactam	113	6.638	6.638	(1.086)	325796	40.0000	41(M)
	33 4-Chloro-3-methylphenol	107	6.763	6.763	(1.107)	1000727	40.0000	38
	34 2-Methylnaphthalene	142	6.870	6.870	(1.124)	2467854	40.0000	38
*	35 Acenaphthene-d10	164	7.968	7.968	(1.000)	1263673	20.0000	
	36 2,4,5-Trichlorotoluene	159	6.834	6.834	(1.440)	997203	40.0000	38
	37 Hexachlorocyclopentadiene	237	7.054	7.054	(0.885)	695869	40.0000	42
	38 2,4,6-Trichlorophenol	196	7.184	7.184	(0.902)	789572	40.0000	40
	39 2,4,5-Trichlorophenol	196	7.226	7.226	(0.907)	828712	40.0000	39
$	40 2-Fluorobiphenyl	172	7.273	7.273	(0.913)	2586962	40.0000	38
	130 1,1'-Biphenyl	154	7.374	7.374	(0.925)	3056883	40.0000	39
	41 2-Chloronaphthalene	162	7.380	7.380	(0.926)	2474378	40.0000	39
	42 2-Nitroaniline	65	7.505	7.505	(0.942)	555131	40.0000	38
	43 Acenaphthylene	152	7.814	7.814	(0.981)	4086425	40.0000	39
	44 Dimethylphthalate	163	7.724	7.724	(0.969)	2740161	40.0000	39
	45 2,6-Dinitrotoluene	165	7.772	7.772	(0.975)	660564	40.0000	40
	46 Acenaphthene	153	8.003	8.003	(1.004)	2557116	40.0000	38
	47 3-Nitroaniline	138	7.944	7.944	(0.997)	779694	40.0000	39
	48 2,4-Dinitrophenol	184	8.051	8.051	(1.010)	349571	40.0000	35
	49 Dibenzofuran	168	8.187	8.187	(1.028)	3535790	40.0000	38
	50 2,4-Dinitrotoluene	165	8.193	8.193	(1.028)	911372	40.0000	39
	51 4-Nitrophenol	109	8.152	8.152	(1.023)	288990	40.0000	38(H)
	52 Fluorene	166	8.549	8.549	(1.073)	2939098	40.0000	39
	53 4-Chlorophenyl-phenylether	204	8.561	8.561	(1.074)	1327590	40.0000	39
	54 Diethylphthalate	149	8.472	8.472	(1.063)	2978262	40.0000	39
	55 4-Nitroaniline	138	8.603	8.603	(1.080)	746683	40.0000	38
$	56 2,4,6-Tribromophenol	330	8.805	8.805	(1.105)	427292	40.0000	38
*	57 Phenanthrene-d10	188	9.535	9.535	(1.000)	2166473	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.627	8.627	(0.905)	500352	40.0000	37
	59 N-Nitrosodiphenylamine (1)	169	8.692	8.692	(0.912)	1998652	40.0000	39
	60 1,2-Diphenylhydrazine	77	8.728	8.728	(0.915)	2659587	40.0000	38
	61 4-Bromophenyl-phenylether	248	9.072	9.072	(0.951)	780028	40.0000	40
	131 Atrazine	200	9.285	9.285	(0.974)	751090	40.0000	41
	62 Hexachlorobenzene	284	9.137	9.137	(0.958)	858601	40.0000	40
	63 Pentachlorophenol	266	9.351	9.351	(0.981)	545040	40.0000	37
	64 Phenanthrene	178	9.558	9.558	(1.002)	4249368	40.0000	39
	65 Carbazole	167	9.790	9.790	(1.027)	4057421	40.0000	39
	66 Anthracene	178	9.618	9.618	(1.009)	4304327	40.0000	39
	67 Di-n-butylphthalate	149	10.188	10.188	(1.068)	5626982	40.0000	40
	68 Fluoranthene	202	10.817	10.817	(1.134)	4568619	40.0000	40
*	70 Chrysene-d12	240	12.396	12.396	(1.000)	2176425	20.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ug/mL)	AMOUNTS ON-COL (ug/mL)
71	Benzidine	184	10.959	10.959	(0.884)	1056943	40.0000	41
72	Pyrene	202	11.054	11.054	(0.892)	4700687	40.0000	38
$ 73	Terphenyl-d14	244	11.232	11.232	(0.906)	3126609	40.0000	39
74	Butylbenzylphthalate	149	11.760	11.760	(0.949)	2453582	40.0000	40
124	3,3'-Dimethylbenzidine	212	11.731	11.731	(0.946)	788524	40.0000	41
75	3,3'-Dichlorobenzidine	252	12.360	12.360	(0.997)	1231142	40.0000	42
76	Benzo(a)anthracene	228	12.378	12.378	(0.999)	4183348	40.0000	39
77	Chrysene	228	12.431	12.431	(1.003)	3829786	40.0000	39
78	Bis(2-Ethylhexyl)phthalate	149	12.443	12.443	(1.004)	3364178	40.0000	36
* 79	Perylene-d12	264	14.514	14.514	(1.000)	1039903	20.0000	
80	Di-n-octylphthalate	149	13.339	13.339	(0.919)	4017147	40.0000	35
81	Benzo(b)fluoranthene	252	13.891	13.891	(0.957)	2515220	40.0000	36
82	Benzo(k)fluoranthene	252	13.939	13.939	(0.960)	2644041	40.0000	38
83	Benzo(a)pyrene	252	14.420	14.420	(0.993)	1821779	40.0000	40
84	Indeno(1,2,3-cd)pyrene	276	16.467	16.467	(1.135)	760774	40.0000	32(H)
85	Dibenzo(a,h)anthracene	278	16.521	16.521	(1.138)	767748	40.0000	33
86	Benzo(g,h,i)perylene	276	16.989	16.989	(1.171)	735886	40.0000	31
167	Simazine	201	9.256	9.256	(0.971)	426573	40.0000	38(H)
103	1,2,4,5-Tetrachlorobenzene	216	7.054	7.054	(0.885)	555340	40.0000	41
109	2,3,4,6-Tetrachlorophenol	232	8.330	8.330	(1.045)	635141	40.0000	40
119	Pentachloronitrobenzene	237	9.369	9.369	(0.983)	296656	40.0000	39

QC Flag Legend

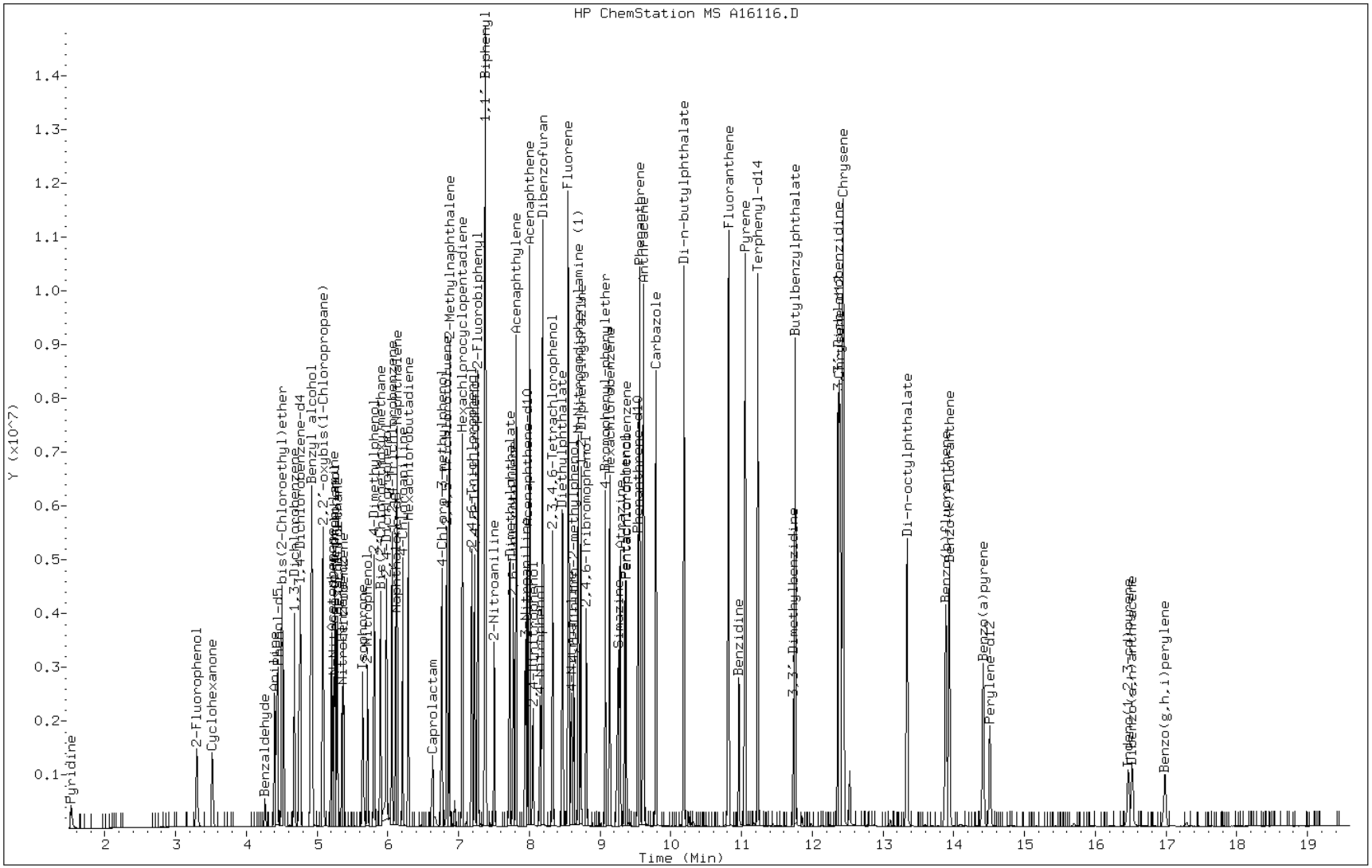
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: A16116.D

Date: 16-MAY-2011 09:58

Client ID: CCVIS-612031 Instrument: msa.i

Sample Info: CCVIS-612031 Operator: S.Jonas



Manual Integration Report

Data File: A16116.D
Inj. Date and Time: 16-MAY-2011 09:58
Instrument ID: msa.i
Client ID: CCVIS-612031
Compound: 129 Caprolactam
CAS #: 105-60-2
Report Date: 05/16/2011

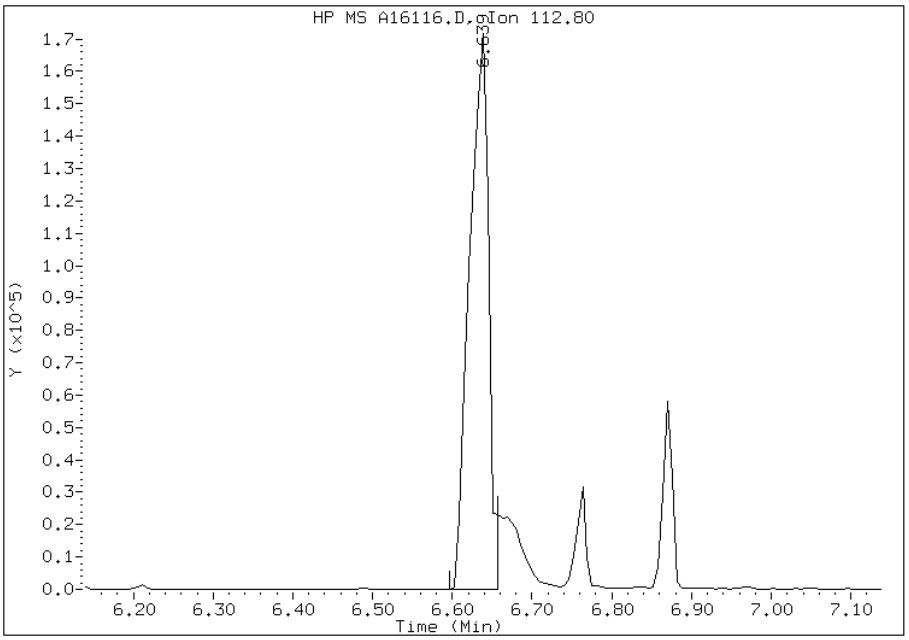
Processing Integration Results

RT: 6.64

Response: 286174

Amount: 36

Conc: 36



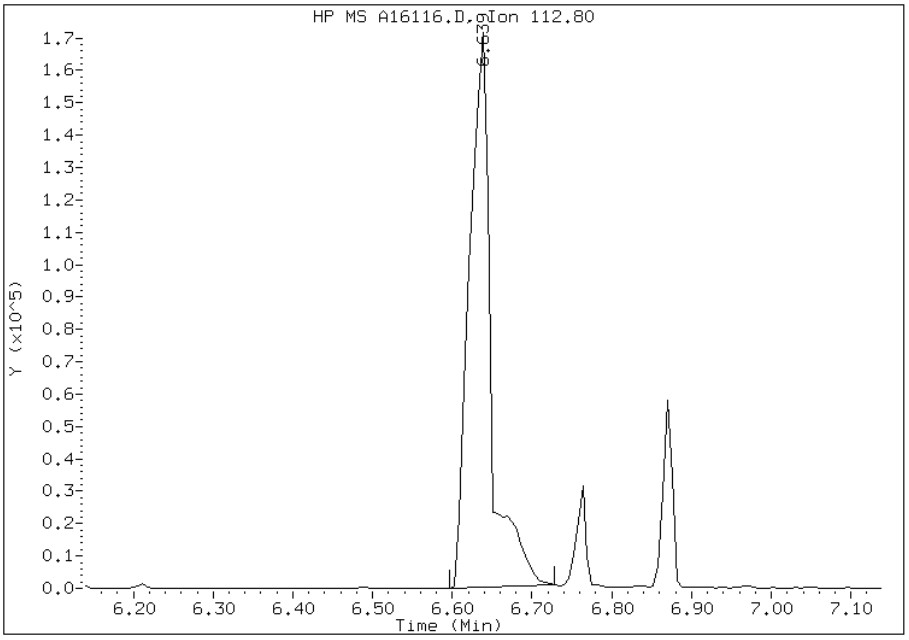
Manual Integration Results

RT: 6.64

Response: 325796

Amount: 41

Conc: 41



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: A16116.D
Inj. Date and Time: 16-MAY-2011 09:58
Instrument ID: msa.i
Client ID: CCVIS-612031
Compound: 26 Benzoic Acid
CAS #: 65-85-0
Report Date: 05/16/2011

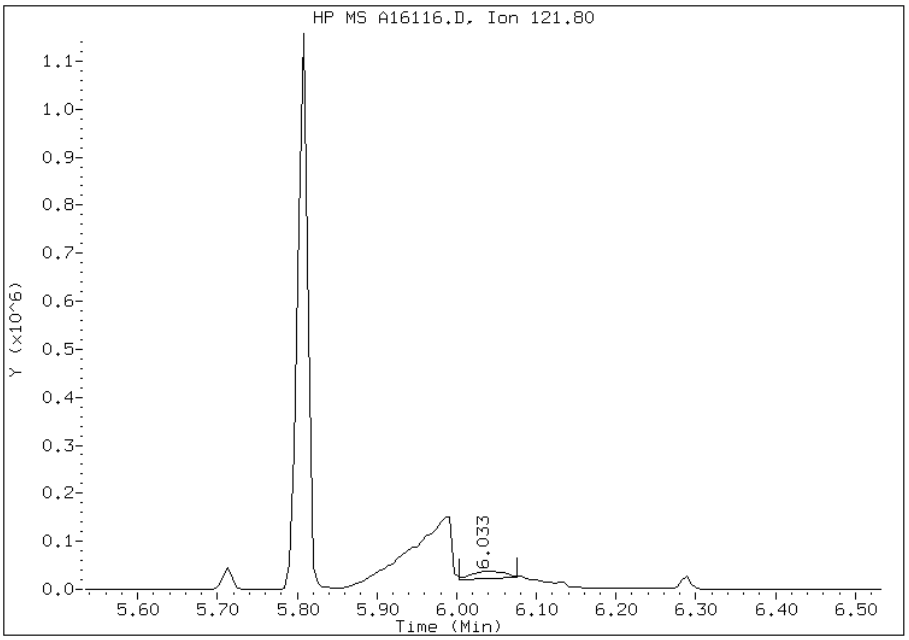
Processing Integration Results

RT: 6.03

Response: 45360

Amount: 2

Conc: 2



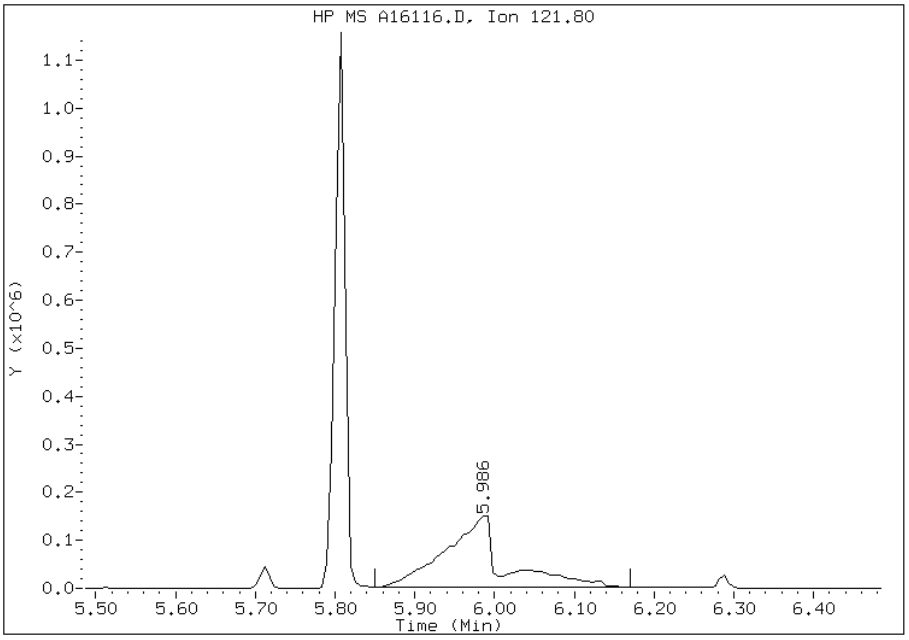
Manual Integration Results

RT: 5.99

Response: 747507

Amount: 35

Conc: 35



Manually Integrated By: stephan
Manual Integration Reason: Incorrect peak integration

Manual Integration Report

Data File: A16116.D
Inj. Date and Time: 16-MAY-2011 09:58
Instrument ID: msa.i
Client ID: CCVIS-612031
Compound: 5 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 05/16/2011

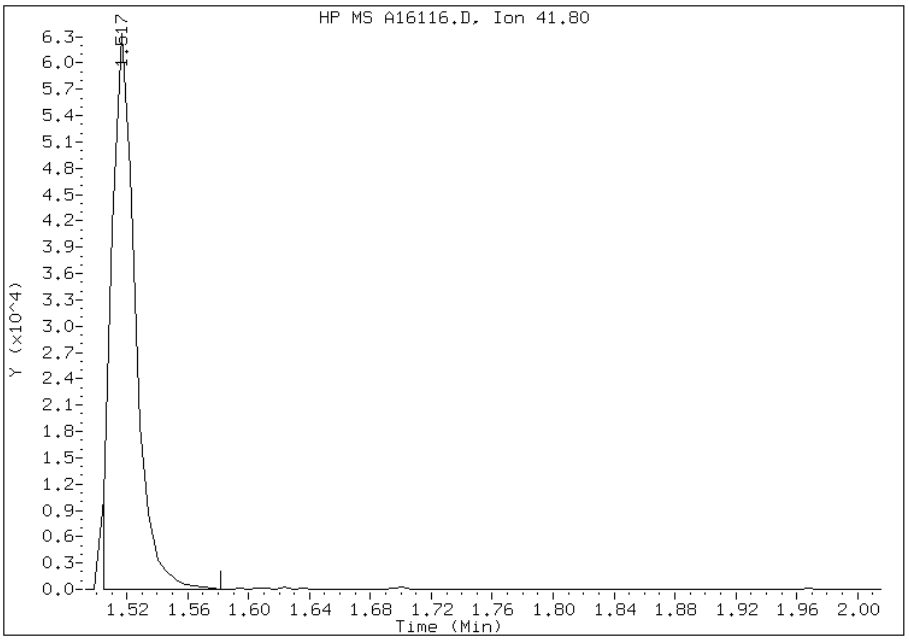
Processing Integration Results

RT: 1.52

Response: 70449

Amount: 37

Conc: 37



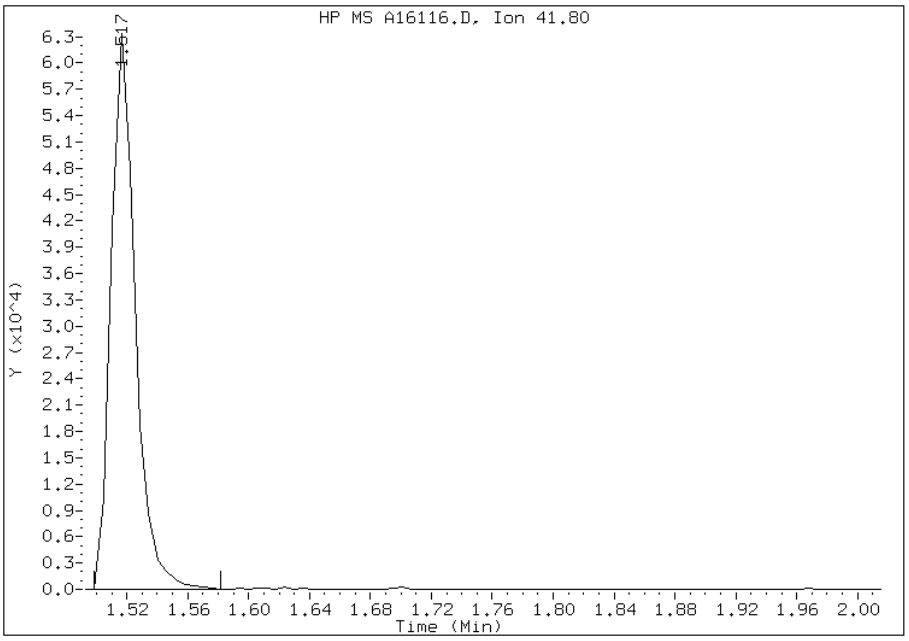
Manual Integration Results

RT: 1.52

Response: 70448

Amount: 37

Conc: 37



Manually Integrated By: stephan
Manual Integration Reason:

TestAmerica Inc

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\As16080.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 13-MAY-2011 06:35
Operator : S.Jonas Inst ID: msa.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\msadftppSW.m
Meth Date : 11-May-2011 08:05 stephan Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
4.381	4.440	-0.059	198	206336			0.00- 100.00	100.00
4.381	4.440	-0.059	51	65448			30.00- 60.00	31.72
4.381	4.440	-0.059	68	1255			0.00- 2.00	1.54
4.381	4.440	-0.059	69	81416			0.00- 100.00	39.46
4.381	4.440	-0.059	70	406			0.00- 2.00	0.50
4.381	4.440	-0.059	127	109520			40.00- 60.00	53.08
4.381	4.440	-0.059	197	889			0.00- 1.00	0.43
4.381	4.440	-0.059	199	13755			5.00- 9.00	6.67
4.381	4.440	-0.059	275	39368			10.00- 30.00	19.08
4.381	4.440	-0.059	365	4083			1.00- 100.00	1.98
4.381	4.440	-0.059	441	31912			0.01- 99.99	93.97
4.381	4.440	-0.059	442	177920			40.00- 100.00	86.23
4.381	4.440	-0.059	443	33960			17.00- 23.00	19.09

Data File: As16080.D

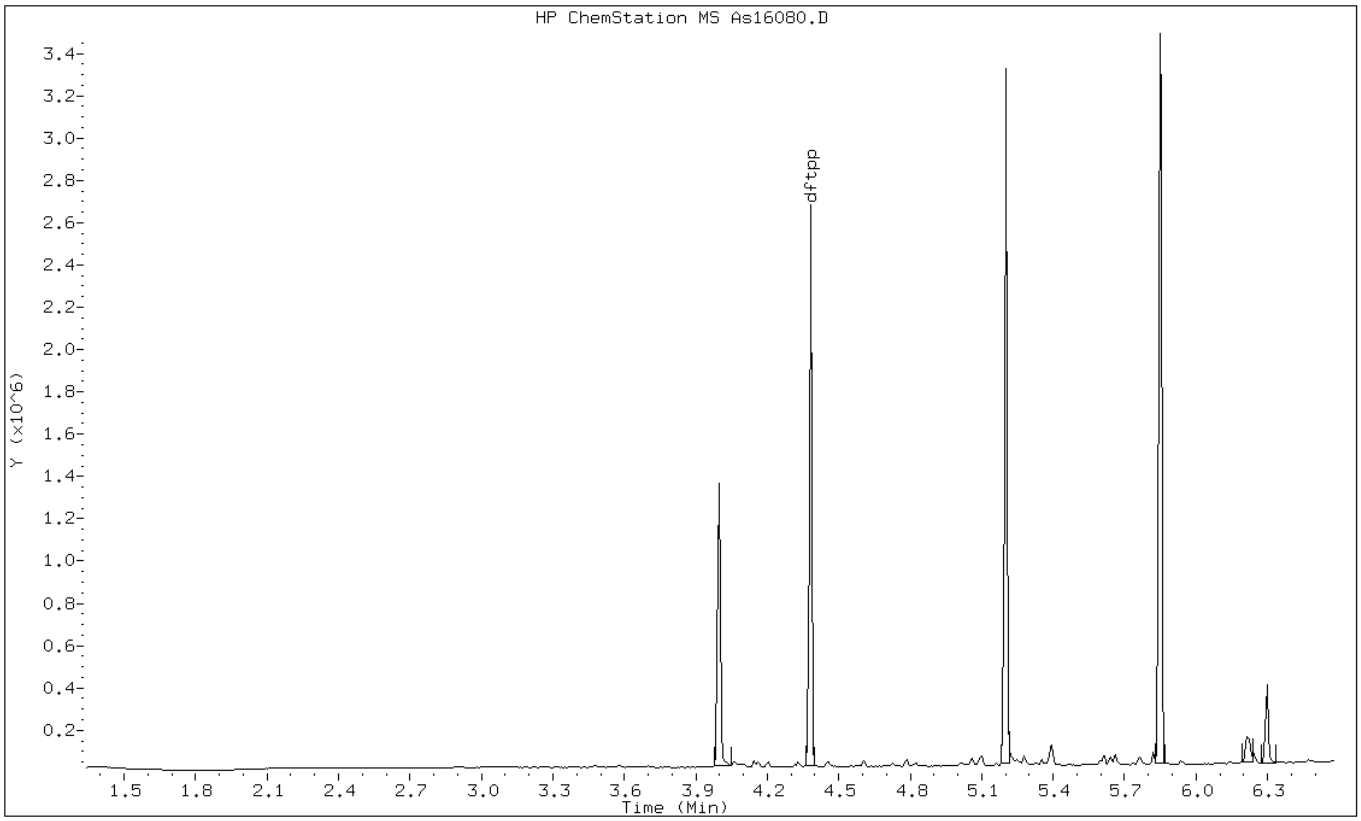
Date: 13-MAY-2011 06:35

Client ID: DFTPP

Instrument: msa.i

Sample Info: DFTPP

Operator: S.Jonas



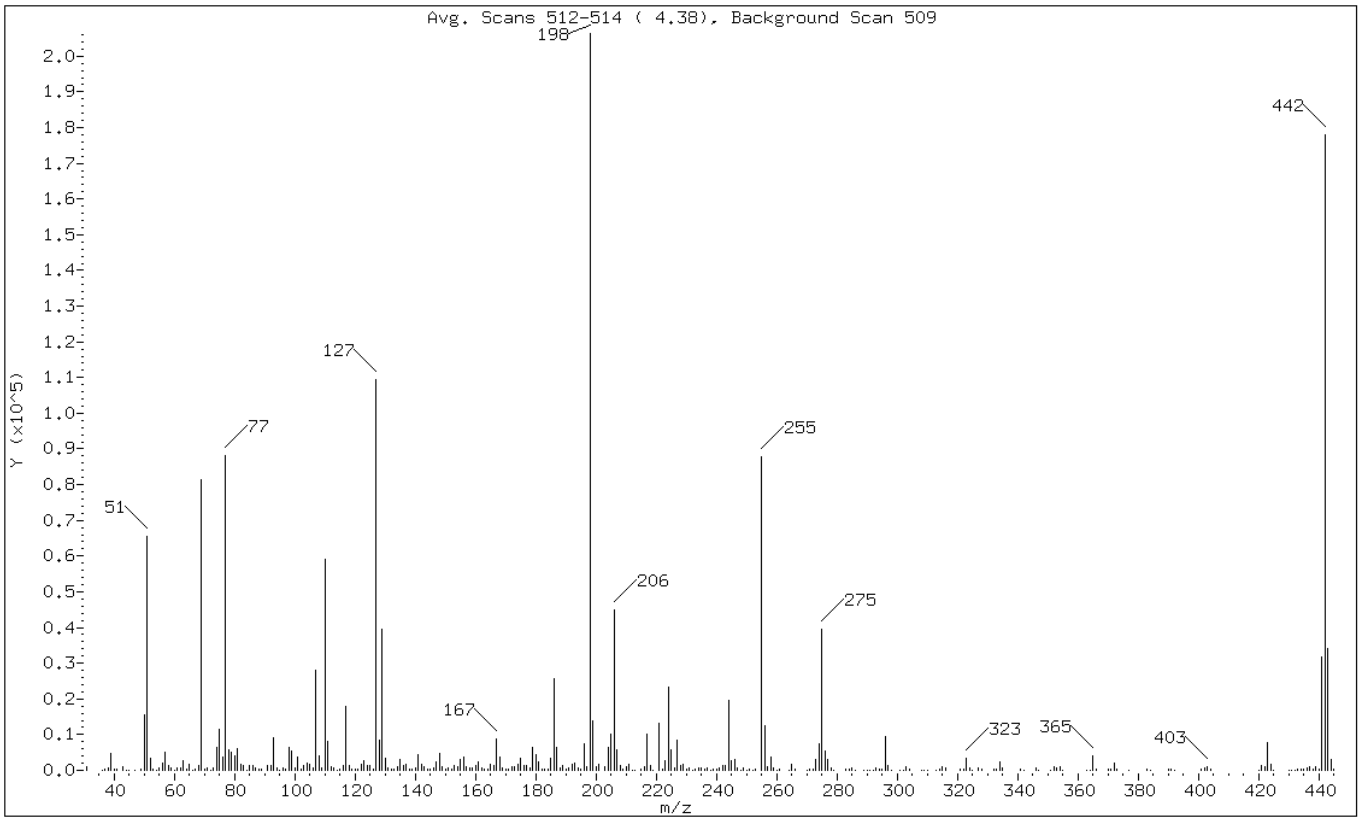
Data File: As16080.D

Date: 13-MAY-2011 06:35

Client ID: DFTPP Instrument: msa.i

Sample Info: DFTPP Operator: S.Jonas

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	31.72
68	Less than 2.00% of mass 69	0.61 (1.54)
69	Less than 100.00% of mass 198	39.46
70	Less than 2.00% of mass 69	0.20 (0.50)
127	40.00 - 60.00% of mass 198	53.08
197	Less than 1.00% of mass 198	0.43
199	5.00 - 9.00% of mass 198	6.67
275	10.00 - 30.00% of mass 198	19.08
365	1.00 - 100.00% of mass 198	1.98
441	Present, but less than mass 443	15.47
442	40.00 - 100.00% of mass 198	86.23
443	17.00 - 23.00% of mass 442	16.46 (19.09)

Data File: As16080.D

Date: 13-MAY-2011 06:35

Client ID: DFTPP Instrument: msa.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\consvr05\files\Chem\BNA\msa.i\A1116080.b\As16080.D
Spectrum: Avg. Scans 512-514 (4.38), Background Scan 509
Location of Maximum: 198.00
Number of points: 317

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	1123	119.00	287	199.00	13755	293.00	710
36.00	57	120.00	416	200.00	1180	294.00	193
37.00	206	121.00	210	201.00	1795	295.00	417
38.00	755	122.00	1647	203.00	1167	296.00	9391
39.00	4676	123.00	2713	204.00	6419	297.00	1251
40.00	256	124.00	1390	205.00	10170	298.00	56
41.00	321	125.00	1313	206.00	45024	301.00	146
43.00	909	126.00	376	207.00	5666	302.00	166
44.00	117	127.00	109520	208.00	1340	303.00	1029
45.00	131	128.00	8443	209.00	394	304.00	267
47.00	66	129.00	39584	210.00	901	308.00	63
49.00	308	130.00	3364	211.00	1587	309.00	112
50.00	15451	131.00	725	212.00	70	310.00	54
51.00	65448	132.00	389	213.00	86	313.00	50
52.00	3276	133.00	263	215.00	408	314.00	459
53.00	233	134.00	963	216.00	998	315.00	943
54.00	113	135.00	2929	217.00	10040	316.00	696
55.00	722	136.00	1268	218.00	1323	321.00	437
56.00	2081	137.00	1529	219.00	168	322.00	224
57.00	5025	138.00	494	221.00	13294	323.00	3469
58.00	1356	139.00	261	222.00	220	324.00	726
59.00	612	140.00	536	223.00	2557	325.00	58
60.00	113	141.00	4517	224.00	23416	327.00	649
61.00	666	142.00	1576	225.00	5691	328.00	246
62.00	834	143.00	1113	226.00	698	332.00	322
63.00	2739	144.00	335	227.00	8376	333.00	334
64.00	415	145.00	348	228.00	1279	334.00	2197
65.00	1570	146.00	662	229.00	1849	335.00	523
66.00	73	147.00	2265	230.00	265	341.00	449
67.00	291	148.00	4578	231.00	808	342.00	116
68.00	1255	149.00	1059	232.00	140	346.00	567
69.00	81416	150.00	397	233.00	236	347.00	94
70.00	406	151.00	669	234.00	512	351.00	55
71.00	635	152.00	432	235.00	624	352.00	1008
72.00	64	153.00	1430	236.00	317	353.00	651
73.00	566	154.00	1159	237.00	740	354.00	959
74.00	6446	155.00	2893	238.00	63	355.00	168
75.00	11390	156.00	3825	239.00	295	363.00	50
76.00	3738	157.00	930	240.00	264	364.00	131
77.00	87976	158.00	831	241.00	529	365.00	4083

78.00	5794	159.00	653	242.00	1243	366.00	429
79.00	5223	160.00	1399	243.00	1341	370.00	186
80.00	4193	161.00	2224	244.00	19704	371.00	244
81.00	6014	162.00	579	245.00	2574	372.00	2054
82.00	1628	163.00	172	246.00	2907	373.00	410
83.00	1343	164.00	344	247.00	595	377.00	61
84.00	55	165.00	1528	248.00	165	383.00	455
85.00	1513	166.00	1380	249.00	688	384.00	55
86.00	1324	167.00	8895	250.00	97	390.00	348
87.00	781	168.00	3559	251.00	362	391.00	290
88.00	313	169.00	816	252.00	84	392.00	57
89.00	196	170.00	239	253.00	294	401.00	183
91.00	1316	171.00	389	255.00	87648	402.00	753
92.00	1457	172.00	851	256.00	12511	403.00	1143
93.00	9240	173.00	962	257.00	883	404.00	394
94.00	681	174.00	1750	258.00	3783	420.00	72
95.00	50	175.00	3357	259.00	743	421.00	1268
96.00	630	176.00	1257	260.00	93	422.00	1127
97.00	210	177.00	1495	261.00	185	423.00	7867
98.00	6360	178.00	553	264.00	153	424.00	1737
99.00	5425	179.00	6524	265.00	1700	425.00	79
100.00	748	180.00	4415	266.00	346	430.00	59
101.00	3573	181.00	2302	270.00	142	431.00	59
102.00	188	182.00	414	271.00	222	432.00	64
103.00	1208	183.00	304	272.00	435	433.00	214
104.00	2049	184.00	486	273.00	3034	434.00	200
105.00	1823	185.00	3258	274.00	7363	435.00	505
106.00	837	186.00	25808	275.00	39368	436.00	606
107.00	27936	187.00	6442	276.00	5488	437.00	902
108.00	4215	188.00	609	277.00	2935	438.00	494
109.00	726	189.00	1293	278.00	544	439.00	877
110.00	59064	190.00	203	279.00	73	440.00	271
111.00	8063	191.00	698	283.00	400	441.00	31912
112.00	1039	192.00	1784	284.00	254	442.00	177920
113.00	517	193.00	2136	285.00	589	443.00	33960
114.00	133	194.00	551	286.00	56	444.00	3040
115.00	190	195.00	496	289.00	77	445.00	183
116.00	1407	196.00	7338	290.00	62		
117.00	18032	197.00	889	291.00	73		
118.00	1323	198.00	206336	292.00	143		

TestAmerica Inc

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116115.b\As16115.D
Lab Smp Id: DFTPP Client Smp ID: DFTPP
Inj Date : 16-MAY-2011 09:43
Operator : S.Jonas Inst ID: msa.i
Smp Info : DFTPP
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msa.i\A1116115.b\msadftppSW.m
Meth Date : 11-May-2011 08:05 stephan Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * Vf * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
4.363	4.440	-0.077	198	165952			0.00- 100.00	100.00
4.363	4.440	-0.077	51	54224			30.00- 60.00	32.67
4.363	4.440	-0.077	68	964			0.00- 2.00	1.41
4.363	4.440	-0.077	69	68168			0.00- 100.00	41.08
4.363	4.440	-0.077	70	229			0.00- 2.00	0.34
4.363	4.440	-0.077	127	90808			40.00- 60.00	54.72
4.363	4.440	-0.077	197	1330			0.00- 1.00	0.80
4.363	4.440	-0.077	199	11049			5.00- 9.00	6.66
4.363	4.440	-0.077	275	31824			10.00- 30.00	19.18
4.363	4.440	-0.077	365	3301			1.00- 100.00	1.99
4.363	4.440	-0.077	441	23368			0.01- 99.99	91.31
4.363	4.440	-0.077	442	132288			40.00- 100.00	79.71
4.363	4.440	-0.077	443	25592			17.00- 23.00	19.35

Data File: As16115.D

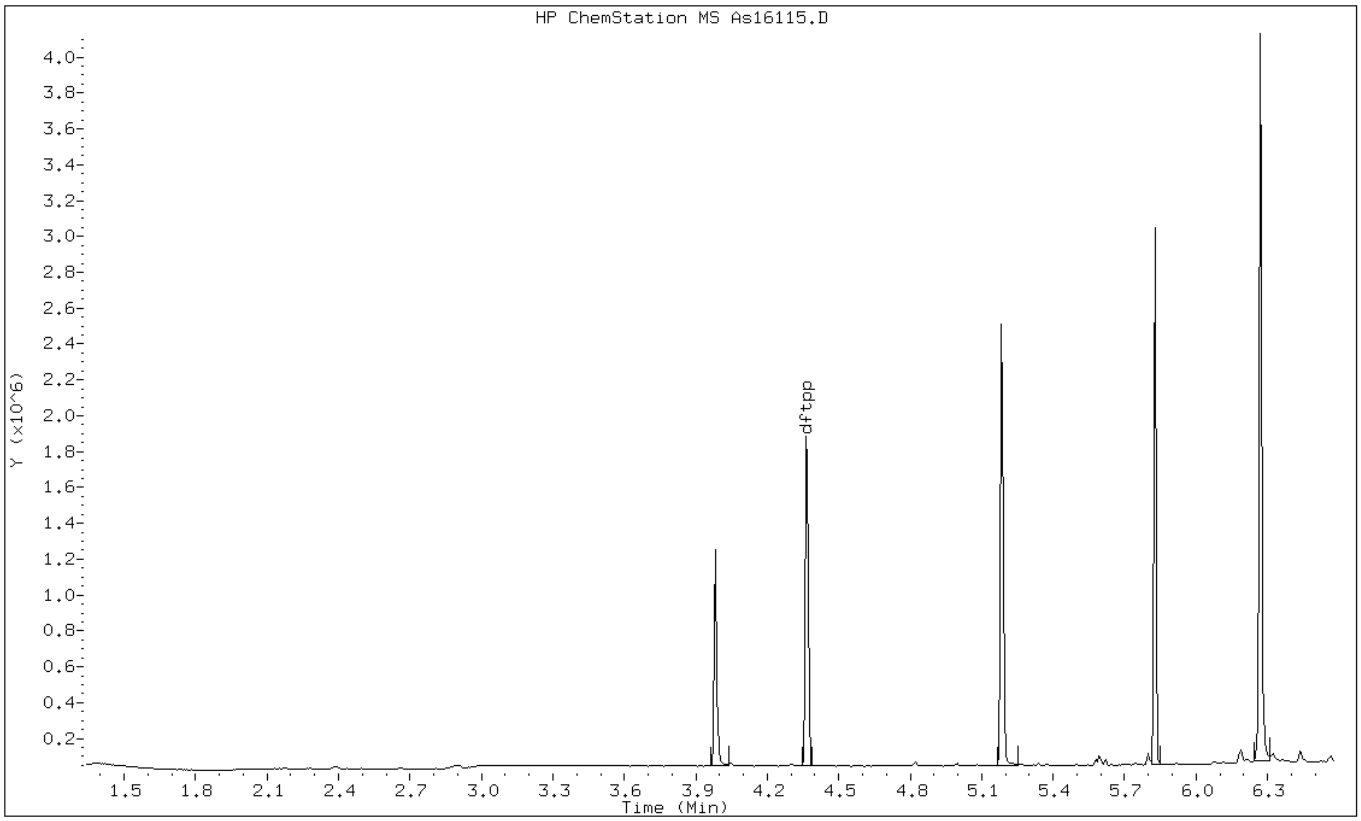
Date: 16-MAY-2011 09:43

Client ID: DFTPP

Instrument: msa.i

Sample Info: DFTPP

Operator: S.Jonas



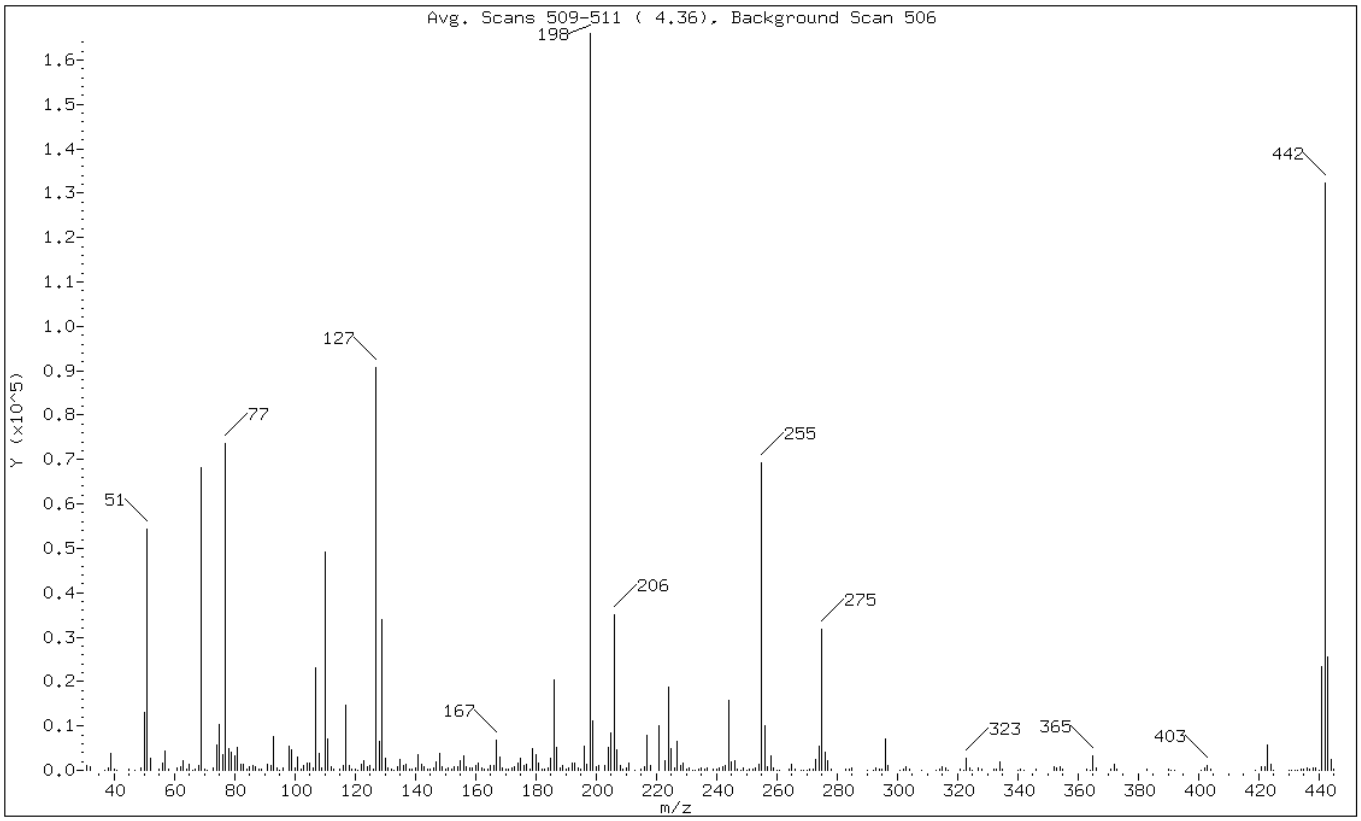
Data File: As16115.D

Date: 16-MAY-2011 09:43

Client ID: DFTPP Instrument: msa.i

Sample Info: DFTPP Operator: S.Jonas

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 60.00% of mass 198	32.67
68	Less than 2.00% of mass 69	0.58 (1.41)
69	Less than 100.00% of mass 198	41.08
70	Less than 2.00% of mass 69	0.14 (0.34)
127	40.00 - 60.00% of mass 198	54.72
197	Less than 1.00% of mass 198	0.80
199	5.00 - 9.00% of mass 198	6.66
275	10.00 - 30.00% of mass 198	19.18
365	1.00 - 100.00% of mass 198	1.99
441	Present, but less than mass 443	14.08
442	40.00 - 100.00% of mass 198	79.71
443	17.00 - 23.00% of mass 442	15.42 (19.35)

Data File: As16115.D

Date: 16-MAY-2011 09:43

Client ID: DFTPP Instrument: msa.i

Sample Info: DFTPP Operator: S.Jonas

Data File: \\consvr05\files\Chem\BNA\msa.i\A1116115.b\As16115.D
Spectrum: Avg. Scans 509-511 (4.36), Background Scan 506
Location of Maximum: 198.00
Number of points: 297

m/z	Y	m/z	Y	m/z	Y	m/z	Y
31.00	1035	123.00	2182	198.00	165952	292.00	119
32.00	891	124.00	941	199.00	11049	293.00	527
37.00	121	125.00	1017	200.00	780	294.00	158
38.00	528	126.00	356	201.00	1152	295.00	263
39.00	3813	127.00	90808	203.00	959	296.00	6949
40.00	206	128.00	6394	204.00	5138	297.00	1008
41.00	22	129.00	34064	205.00	8338	301.00	118
45.00	189	130.00	2646	206.00	35128	302.00	148
47.00	94	131.00	510	207.00	4729	303.00	922
49.00	438	132.00	375	208.00	986	304.00	250
50.00	13015	133.00	91	209.00	361	308.00	51
51.00	54224	134.00	884	210.00	528	313.00	62
52.00	2728	135.00	2314	211.00	1725	314.00	350
55.00	191	136.00	1003	213.00	71	315.00	738
56.00	1636	137.00	1257	215.00	379	316.00	461
57.00	4270	138.00	373	216.00	763	317.00	67
58.00	237	139.00	215	217.00	7804	321.00	389
61.00	655	140.00	493	218.00	1217	322.00	108
62.00	773	141.00	3484	221.00	9931	323.00	2706
63.00	2299	142.00	1401	223.00	2098	324.00	546
64.00	378	143.00	904	224.00	18752	325.00	124
65.00	1294	144.00	222	225.00	4811	327.00	540
66.00	85	145.00	247	226.00	534	328.00	230
67.00	234	146.00	565	227.00	6493	332.00	201
68.00	964	147.00	1964	228.00	1034	333.00	287
69.00	68168	148.00	3670	229.00	1590	334.00	1959
70.00	229	149.00	761	230.00	185	335.00	338
71.00	103	150.00	222	231.00	636	340.00	50
73.00	418	151.00	584	232.00	73	341.00	269
74.00	5696	152.00	316	233.00	125	342.00	81
75.00	10371	153.00	900	234.00	359	346.00	394
76.00	3461	154.00	927	235.00	450	352.00	865
77.00	73520	155.00	2130	236.00	294	353.00	614
78.00	4944	156.00	3193	237.00	631	354.00	770
79.00	3988	157.00	758	239.00	196	355.00	187
80.00	3345	158.00	679	240.00	290	363.00	142
81.00	5065	159.00	516	241.00	421	364.00	87
82.00	1266	160.00	1042	242.00	906	365.00	3301
83.00	1331	161.00	1718	243.00	1112	366.00	493
84.00	281	162.00	517	244.00	15652	371.00	216

85.00	778	163.00	155	245.00	1991	372.00	1342
86.00	1137	164.00	255	246.00	2160	373.00	295
87.00	750	165.00	1171	247.00	386	383.00	395
88.00	205	166.00	1156	248.00	133	390.00	185
89.00	144	167.00	6833	249.00	497	391.00	133
91.00	1285	168.00	3044	250.00	50	392.00	64
92.00	1143	169.00	594	251.00	151	401.00	76
93.00	7641	170.00	288	252.00	332	402.00	577
94.00	568	171.00	303	253.00	645	403.00	988
95.00	67	172.00	646	254.00	1295	404.00	351
96.00	420	173.00	869	255.00	69304	419.00	58
98.00	5395	174.00	1584	256.00	10038	421.00	890
99.00	4613	175.00	2661	257.00	792	422.00	872
100.00	453	176.00	987	258.00	3318	423.00	5811
101.00	2962	177.00	1427	259.00	631	424.00	1336
102.00	152	178.00	363	260.00	107	425.00	92
103.00	1024	179.00	4996	261.00	111	430.00	72
104.00	1573	180.00	3445	264.00	137	431.00	71
105.00	1751	181.00	1640	265.00	1334	432.00	52
106.00	612	182.00	163	266.00	302	433.00	95
107.00	23064	183.00	269	268.00	54	434.00	231
108.00	3674	184.00	453	269.00	66	435.00	347
109.00	650	185.00	2699	270.00	72	436.00	471
110.00	49088	186.00	20272	271.00	195	437.00	321
111.00	7187	187.00	5292	272.00	142	438.00	419
112.00	822	188.00	483	273.00	2497	439.00	591
113.00	302	189.00	1190	274.00	5537	440.00	93
115.00	181	190.00	213	275.00	31824	441.00	23368
116.00	1100	191.00	567	276.00	3960	442.00	132288
117.00	14763	192.00	1520	277.00	2249	443.00	25592
118.00	1161	193.00	1699	278.00	358	444.00	2387
119.00	173	194.00	428	283.00	288	445.00	145
120.00	287	195.00	303	284.00	145		
121.00	65	196.00	5524	285.00	413		
122.00	1372	197.00	1330	290.00	53		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15477-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 220-50806/1-A

Matrix: Water | Lab File ID: A16119.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/13/2011 07:27

Sample wt/vol: 1000(mL) | Date Analyzed: 05/16/2011 11:21

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50886 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	4.0	U	4.0	0.30
83-32-9	Acenaphthene	4.0	U	4.0	0.31
86-73-7	Fluorene	4.0	U	4.0	0.26
85-01-8	Phenanthrene	4.0	U	4.0	0.28
120-12-7	Anthracene	4.0	U	4.0	0.29
129-00-0	Pyrene	4.0	U	4.0	0.33
56-55-3	Benzo[a]anthracene	4.0	U	4.0	0.30
218-01-9	Chrysene	4.0	U	4.0	0.25
205-99-2	Benzo[b]fluoranthene	4.0	U	4.0	0.36
207-08-9	Benzo[k]fluoranthene	4.0	U	4.0	0.40
50-32-8	Benzo[a]pyrene	4.0	U	4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	4.0	U	4.0	0.28
53-70-3	Dibenz(a,h)anthracene	4.0	U	4.0	0.38
191-24-2	Benzo[g,h,i]perylene	4.0	U	4.0	0.36
206-44-0	Fluoranthene	4.0	U	4.0	0.31
208-96-8	Acenaphthylene	4.0	U	4.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	30	*	40-120
321-60-8	2-Fluorobiphenyl	37	*	39-120
1718-51-0	Terphenyl-d14	63		10-120

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Connecticut | Job No.: 220-15477-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 220-50806/2-A

Matrix: Water | Lab File ID: A16098.D

Analysis Method: 8270C | Date Collected:

Extract. Method: 3510C | Date Extracted: 05/13/2011 07:27

Sample wt/vol: 1000(mL) | Date Analyzed: 05/13/2011 14:23

Con. Extract Vol.: 1.0(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 50863 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
91-20-3	Naphthalene	22.5		4.0	0.30
83-32-9	Acenaphthene	31.0		4.0	0.31
86-73-7	Fluorene	34.3		4.0	0.26
85-01-8	Phenanthrene	36.0		4.0	0.28
120-12-7	Anthracene	36.1		4.0	0.29
129-00-0	Pyrene	37.5		4.0	0.33
56-55-3	Benzo[a]anthracene	36.1		4.0	0.30
218-01-9	Chrysene	36.8		4.0	0.25
205-99-2	Benzo[b]fluoranthene	36.6		4.0	0.36
207-08-9	Benzo[k]fluoranthene	38.0		4.0	0.40
50-32-8	Benzo[a]pyrene	36.7		4.0	0.35
193-39-5	Indeno[1,2,3-cd]pyrene	36.4		4.0	0.28
53-70-3	Dibenz(a,h)anthracene	36.7		4.0	0.38
191-24-2	Benzo[g,h,i]perylene	37.4		4.0	0.36
206-44-0	Fluoranthene	37.1		4.0	0.31
208-96-8	Acenaphthylene	30.3		4.0	0.34

CAS NO.	SURROGATE	%REC	Q	LIMITS
4165-60-0	Nitrobenzene-d5	56		40-120
321-60-8	2-Fluorobiphenyl	69		39-120
1718-51-0	Terphenyl-d14	95		10-120

TestAmerica Inc

Semivolatile REPORT SW-846 Method 8270

Data file : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\A16098.D
Lab Smp Id: LCS 220-50806/2-A Client Smp ID: LCS 220-50806/2-A
Inj Date : 13-MAY-2011 14:23
Operator : S.Jonas Inst ID: msa.i
Smp Info : LCS 220-50806/2-A
Misc Info :
Comment   :
Method   : \\consvr05\files\Chem\BNA\msa.i\A1116080.b\MSA-8270C.m
Meth Date : 16-May-2011 07:12 stephan Quant Type: ISTD
Cal Date : 13-MAY-2011 09:45 Cal File: A16087.D
Als bottle: 9 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: lcs.sub
Target Version: 4.14
Processing Host: CONMSA

Concentration Formula: Amt * DF * Uf * (1000*Vt)/(Vo*Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vt	1.000	Volume of final extract (mL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	InjectionVol
Cpnd Variable		Local Compound Variable

			QUANT SIG					CONCENTRATIONS ON-COLUMN	CONCENTRATIONS FINAL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/mL)	(ug/L)
*	1	1,4-Dichlorobenzene-d4	152	4.757	4.763	(1.000)	429744	20.0000	
$	2	2-Fluorophenol	112	3.308	3.321	(0.696)	532773	24.3498	24
$	3	Phenol-d5	99	4.430	4.460	(0.931)	544076	18.0844	18
	4	Pyridine	52	1.534	1.540	(0.323)	39236	14.3502	14
	5	N-Nitrosodimethylamine	42	1.522	1.534	(0.320)	27775	15.2647	15
	7	Phenol	94	4.448	4.472	(0.935)	319549	10.2973	10
	8	Aniline	93	4.412	4.419	(0.928)	778421	21.9627	22
	9	bis(2-Chloroethyl)ether	63	4.507	4.520	(0.948)	350208	20.7233	21(R)
	10	2-Chlorophenol	128	4.537	4.549	(0.954)	589789	20.2073	20
	11	1,3-Dichlorobenzene	146	4.691	4.698	(0.986)	442840	13.6433	14(R)
	12	1,4-Dichlorobenzene	146	4.774	4.781	(1.004)	472300	14.1180	14(R)
	13	Benzyl alcohol	108	4.941	4.959	(1.039)	409966	23.5165	24
	14	1,2-Dichlorobenzene	146	4.941	4.941	(1.039)	492461	15.1480	15(R)
	15	2,2'-oxybis(1-Chloropropane)	45	5.095	5.101	(1.071)	639431	20.6991	21(R)
	16	2-Methylphenol	108	5.089	5.113	(1.070)	570933	22.5995	23
	17	Hexachloroethane	117	5.297	5.297	(1.114)	197228	13.5979	14(R)
	18	N-Nitroso-di-n-propylamine	70	5.237	5.262	(1.101)	445554	27.0005	27
	19	4-Methylphenol	108	5.267	5.279	(1.107)	1159419	43.0526	43
*	20	Naphthalene-d8	136	6.122	6.122	(1.000)	1943855	20.0000	
$	21	Nitrobenzene-d5	82	5.362	5.374	(0.876)	736091	28.0103	28

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
	22 Nitrobenzene	77	5.386	5.398	(0.880)	576886	22.4902	22(R)
	23 Isophorone	82	5.653	5.671	(0.923)	1372136	27.6451	28
	24 2-Nitrophenol	139	5.724	5.736	(0.935)	431299	23.9844	24
	25 2,4-Dimethylphenol	122	5.819	5.831	(0.951)	697293	26.3681	26
	27 Bis(2-Chloroethoxy)methane	93	5.908	5.920	(0.965)	928441	25.9183	26
	28 2,4-Dichlorophenol	162	5.991	6.009	(0.979)	666963	25.3616	25
	29 1,2,4-Trichlorobenzene	180	6.074	6.075	(0.992)	570363	19.5191	20
	30 Naphthalene	128	6.145	6.152	(1.004)	2079642	22.5034	23
	31 4-Chloroaniline	127	6.223	6.229	(1.016)	1092446	27.8275	28
	32 Hexachlorobutadiene	225	6.300	6.306	(1.029)	274415	18.8031	19
	33 4-Chloro-3-methylphenol	107	6.763	6.787	(1.105)	807078	31.4665	31
	34 2-Methylnaphthalene	142	6.881	6.894	(1.124)	1641015	25.9557	26
*	35 Acenaphthene-d10	164	7.985	7.980	(1.000)	1261953	20.0000	
	37 Hexachlorocyclopentadiene	237	7.065	7.066	(0.885)	337745	20.4966	20
	38 2,4,6-Trichlorophenol	196	7.196	7.202	(0.901)	612283	30.7833	31
	39 2,4,5-Trichlorophenol	196	7.232	7.250	(0.906)	669435	31.8680	32
$	40 2-Fluorobiphenyl	172	7.285	7.291	(0.912)	2313493	34.4284	34
	41 2-Chloronaphthalene	162	7.398	7.404	(0.926)	1772643	27.9528	28
	42 2-Nitroaniline	65	7.517	7.529	(0.941)	498601	33.8076	34
	43 Acenaphthylene	152	7.831	7.838	(0.981)	3196328	30.2513	30
	44 Dimethylphthalate	163	7.742	7.743	(0.970)	2428388	34.3441	34
	45 2,6-Dinitrotoluene	165	7.790	7.796	(0.975)	576786	34.7507	35
	46 Acenaphthene	153	8.021	8.026	(1.004)	2063027	31.0245	31
	47 3-Nitroaniline	138	7.962	7.968	(0.997)	689747	34.5422	35
	48 2,4-Dinitrophenol	184	8.063	8.074	(1.010)	263732	28.1648	28
	49 Dibenzofuran	168	8.205	8.206	(1.027)	2937578	31.9023	32
	50 2,4-Dinitrotoluene	165	8.205	8.223	(1.027)	835385	35.8518	36
	51 4-Nitrophenol	109	8.158	8.188	(1.022)	111587	14.8479	15(H)
	52 Fluorene	166	8.561	8.568	(1.072)	2551754	34.2764	34
	53 4-Chlorophenyl-phenylether	204	8.573	8.579	(1.074)	1136432	33.8582	34
	54 Diethylphthalate	149	8.484	8.490	(1.062)	2734654	35.4912	35
	55 4-Nitroaniline	138	8.609	8.645	(1.078)	694071	35.5998	36
$	56 2,4,6-Tribromophenol	330	8.822	8.829	(1.105)	721981	63.7226	64
*	57 Phenanthrene-d10	188	9.546	9.553	(1.000)	2157888	20.0000	
	58 4,6-Dinitro-2-methylphenol	198	8.644	8.663	(0.906)	463173	34.2541	34
	59 N-Nitrosodiphenylamine (1)	169	8.710	8.722	(0.912)	1835303	36.1670	36
	60 1,2-Diphenylhydrazine	77	8.745	8.752	(0.916)	2374851	33.8236	34
	61 4-Bromophenyl-phenylether	248	9.089	9.096	(0.952)	686751	35.3272	35
	62 Hexachlorobenzene	284	9.155	9.155	(0.959)	770395	35.7976	36
	63 Pentachlorophenol	266	9.362	9.369	(0.981)	485151	33.1785	33
	64 Phenanthrene	178	9.576	9.582	(1.003)	3868600	35.9627	36
	65 Carbazole	167	9.808	9.814	(1.027)	3704990	35.8864	36
	66 Anthracene	178	9.629	9.636	(1.009)	3957122	36.1449	36
	67 Di-n-butylphthalate	149	10.199	10.206	(1.068)	5309097	37.6285	38
	68 Fluoranthene	202	10.834	10.841	(1.135)	4273633	37.1060	37
*	70 Chrysene-d12	240	12.413	12.414	(1.000)	2057109	20.0000	
	72 Pyrene	202	11.066	11.072	(0.891)	4350234	37.5117	38
$	73 Terphenyl-d14	244	11.250	11.250	(0.906)	3597757	47.4721	47
	74 Butylbenzylphthalate	149	11.772	11.779	(0.948)	2276434	39.1400	39
	75 3,3'-Dichlorobenzidine	252	12.378	12.384	(0.997)	859138	31.2061	31
	76 Benzo(a)anthracene	228	12.395	12.402	(0.999)	3677846	36.1022	36
	77 Chrysene	228	12.449	12.455	(1.003)	3459839	36.8235	37
	78 Bis(2-Ethylhexyl)phthalate	149	12.461	12.461	(1.004)	3125301	34.9335	35
*	79 Perylene-d12	264	14.538	14.527	(1.000)	713292	20.0000	

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/mL)	FINAL (ug/L)
80 Di-n-octylphthalate	149	13.357	13.357	(0.919)	3395170	41.0833	41
81 Benzo(b)fluoranthene	252	13.915	13.909	(0.957)	1735209	36.6130	37
82 Benzo(k)fluoranthene	252	13.962	13.957	(0.960)	1828628	38.0012	38
83 Benzo(a)pyrene	252	14.443	14.444	(0.993)	1133493	36.6573	37
84 Indeno(1,2,3-cd)pyrene	276	16.503	16.509	(1.135)	609111	36.3802	36
85 Dibenzo(a,h)anthracene	278	16.556	16.562	(1.139)	618397	36.7441	37
86 Benzo(g,h,i)perylene	276	17.019	17.030	(1.171)	651550	37.4170	37

QC Flag Legend

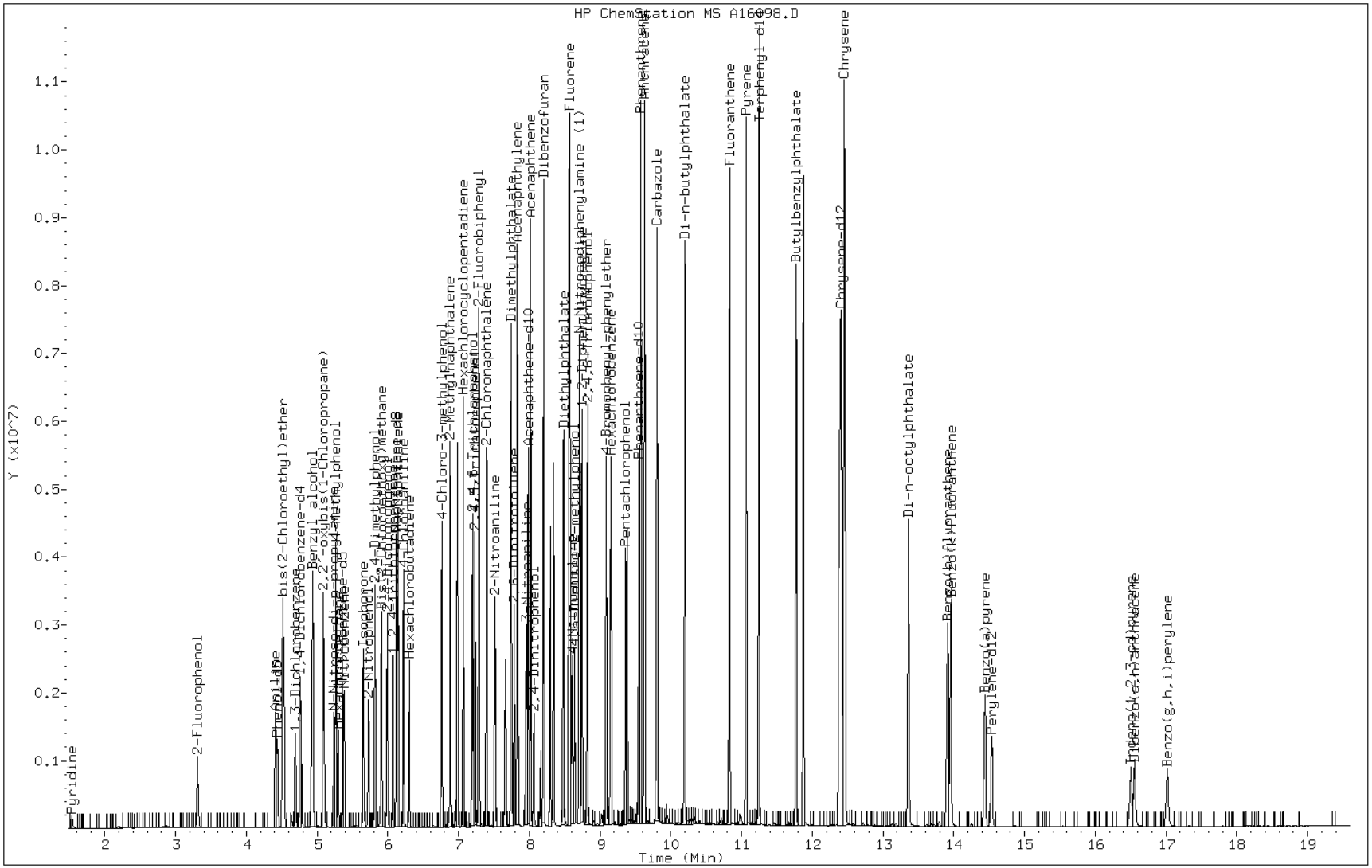
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: A16098.D

Date: 13-MAY-2011 14:23

Client ID: LCS 220-50806/2-A Instrument: msa.i

Sample Info: LCS 220-50806/2-A Operator: S.Jonas



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Instrument ID: MSA Start Date: 05/13/2011 06:35

Analysis Batch Number: 50863 End Date: 05/13/2011 18:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-50863/18		05/13/2011 06:35	1	As16080.D	ZB-5MS 0.25(mm)
ICIS 220-50863/1		05/13/2011 06:59	1	A16081.D	ZB-5MS 0.25(mm)
IC 220-50863/2		05/13/2011 07:26	1	A16082.D	ZB-5MS 0.25(mm)
IC 220-50863/3		05/13/2011 07:54	1	A16083.D	ZB-5MS 0.25(mm)
IC 220-50863/4		05/13/2011 08:22	1	A16084.D	ZB-5MS 0.25(mm)
IC 220-50863/5		05/13/2011 08:49	1	A16085.D	ZB-5MS 0.25(mm)
IC 220-50863/6		05/13/2011 09:17	1	A16086.D	ZB-5MS 0.25(mm)
IC 220-50863/7		05/13/2011 09:45	1	A16087.D	ZB-5MS 0.25(mm)
ZZZZZ		05/13/2011 11:08	1		ZB-5MS 0.25(mm)
ZZZZZ		05/13/2011 12:03	1		ZB-5MS 0.25(mm)
ZZZZZ		05/13/2011 12:31	1		ZB-5MS 0.25(mm)
ZZZZZ		05/13/2011 12:59	1		ZB-5MS 0.25(mm)
LCS 220-50806/2-A		05/13/2011 14:23	1	A16098.D	ZB-5MS 0.25(mm)
ZZZZZ		05/13/2011 15:17	1		ZB-5MS 0.25(mm)
220-15477-2	MW-UST-5	05/13/2011 16:40	1	A16103.D	ZB-5MS 0.25(mm)
ZZZZZ		05/13/2011 17:08	1		ZB-5MS 0.25(mm)
ZZZZZ		05/13/2011 17:36	1		ZB-5MS 0.25(mm)
ZZZZZ		05/13/2011 18:03	1		ZB-5MS 0.25(mm)
ZZZZZ		05/13/2011 18:31	1		ZB-5MS 0.25(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Instrument ID: MSA Start Date: 05/16/2011 09:43

Analysis Batch Number: 50886 End Date: 05/16/2011 14:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 220-50886/7		05/16/2011 09:43	1	As16115.D	ZB-5MS 0.25(mm)
CCVIS 220-50886/1		05/16/2011 09:58	1	A16116.D	ZB-5MS 0.25(mm)
ZZZZZ		05/16/2011 10:25	1		ZB-5MS 0.25(mm)
ZZZZZ		05/16/2011 10:53	1		ZB-5MS 0.25(mm)
MB 220-50806/1-A		05/16/2011 11:21	1	A16119.D	ZB-5MS 0.25(mm)
ZZZZZ		05/16/2011 11:49	1		ZB-5MS 0.25(mm)
ZZZZZ		05/16/2011 12:17	1		ZB-5MS 0.25(mm)
220-15477-1	MW-X	05/16/2011 12:44	1	A16122.D	ZB-5MS 0.25(mm)
ZZZZZ		05/16/2011 13:40	1		ZB-5MS 0.25(mm)
ZZZZZ		05/16/2011 14:08	5		ZB-5MS 0.25(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Connecticut Job No.: 220-15477-1

SDG No.:

Batch Number: 50806 Batch Start Date: 05/13/11 07:27 Batch Analyst: Jonas, Stephan

Batch Method: 3510C Batch End Date: 05/13/11 12:25

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	FirstAdjustpH	SecondAdjustpH	EWBNAFMS 00042
MB 220-50806/1		3510C, 8270C		7	1000 mL	1.0 mL	2	12	
LCS 220-50806/2		3510C, 8270C		7	1000 mL	1.0 mL	2	12	400 uL
220-15477-E-1	MW-X	3510C, 8270C	T	5	1000 mL	1.0 mL	2	12	
220-15477-E-2	MW-UST-5	3510C, 8270C	T	7	1000 mL	1.0 mL	2	12	

Lab Sample ID	Client Sample ID	Method Chain	Basis	EWBNASUR 00053	EWRCPLCS 00021				
MB 220-50806/1		3510C, 8270C		500 uL					
LCS 220-50806/2		3510C, 8270C		500 uL	400 uL				
220-15477-E-1	MW-X	3510C, 8270C	T	500 uL					
220-15477-E-2	MW-UST-5	3510C, 8270C	T	500 uL					

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	wsulfacd_11
Base used for pH adjustment	NaOH
Base used for pH adjust Lot #	enaoh_33
Person's name who did the concentration	Jen Capece
Na2SO4 Lot Number	ena2so4_103
Prep Solvent Lot #	ecmecl2_62
Prep Solvent Name	mecl2
Prep Solvent Volume Used	360 mL
Person's name who did the prep	Stephan Jonas/ Jerry Piscitelli
Person's name who witnessed reagent drop	self
Sufficient volume for MS/MSD?	yes

Basis	Basis Description
T	Total/NA

Shipping and Receiving Documents

TestAmerica Connecticut
128 Long Hill Cross Road
Shelton, CT 06484
Phone (203) 929-8140 Fax (203) 929-8142

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Contact: Scott Narod	**Field Sampler:** Scott Narod	**TAT Required (business days):** Rush /ASAP	**Lab PM/Contact:** Jackie Trudell	**COC Number:** 19403
Company: Garrett Fleming	**Mobile/Field Number:** 646-961-8603		**Lab Job Number (Lab Use Only):** 15477	**Page** ___ **of** ___
Address: ~~SN 100 Crossways Park Drive West, Suite 300~~ 100 Crossways Park Drive West Suite 300	**E-Mail:** Snarod@gfnet.com	**Deliverable Type (Report/EDD):** Both	**Passed Rad Screen (Lab Use Only):** [✓] Yes [ ] No	**Carrier Tracking Notes:**
City, State, Zip: Woodbury, NY	**PO #:**	**Sample Disposal:** [ ] Return to Client [ ] Disposal by Lab [X] Archive for 1 Months (A fee may be assessed if samples are retained for longer than 1 month)	**Cooler Temperatures (Lab Use Only):** Probe 0.0°C	
Phone: 516-364-4140	**WO #:**			
Email: Snarod@gfnet.com	**Project #:** 53319			
Project Name/Site Location (State): Cooper Tank NY	**SSOW#:**	**State Regulatory QC Criteria Requirements:** NYSDEC TOGS + CP-51 Parameters		

Samples submitted for analysis will be subject to TestAmerica Terms and Conditions.

TAT#	Field Sample Identification (Containers for each sample may be combined on one line)	Collection Date	Collection Time (24-Hour Clock)	Matrix Aq=Aqueous, S=Solid, W=Waste/Oil, O=Other	MS/ MSD (Yes or No)	No. of Containers/Preservatives: Unpreserved	H2SO4	HNO3	HCL 40mL	NaOH	ZnAc/NaOH	Other Ice	Analysis (Attach list if more space is needed): 8260 CP51 (old STARS)	8270 CP51 (old STARS)	Comments
Page 263 of 264	MW-X	5/12/11	1058	Aq	Norm				3			2	X	X	Run for 8260/8270 Parameters in CP-51 Soil Guidance
	MW-UST-5	5/12/11	1111	Aq					3			2	X	X	
	Trip Blank	5/12/11	0000	Aq					3				X		

Relinquished by:	Date/Time: 5/12/11/1300	Company: Garrett Fleming	Received by:	Date/Time: 5/12/11 1300	Company: TAL
Relinquished by:	Date/Time: 5/12/11 1508	Company: TAL	Received by:	Date/Time: 5/12/11 1508	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Comments:

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

Field Sampling / Shipping Instructions and Laboratory Sample Receipt Policy included on Reverse Side of COC

TAL-0015 (0609)

05/19/2011

Login Sample Receipt Checklist

Client: Gannett Fleming

Job Number: 220-15477-1
SDG Number:

Login Number: 15477
List Number: 1
Creator: Teixeira, Maria L

List Source: TestAmerica Connecticut

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0C
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	